



Building knowledge

Job Order Contract Construction Task Catalog®

Book 1 of 3 CSI Divisions 01 - 08 December 2020

Natividad Medical Center



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MEDICAL CENTER

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2020.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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



The Unit Prices Include:

LABOR COSTS:

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

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EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

The Adjustment Factors Include:

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

BUSINESS COSTS:

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

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

PROJECT RELATED COSTS:

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

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

PRICE VARIATIONS:

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

SUMMARY:

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

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

General Rules:

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

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

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2

stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

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

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.
 - **Asphalt** = 1.25
 - **Concrete** = 1.40

CONVERSIONS:

- 1 Acre** = 43,560 Square Feet = 4046.8 Square Meters
- 1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches
- 1 Centimeter** = 0.3937 Inches = 0.0328 Feet
- 1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters
- 1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet
- 1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters
- 1 Foot** = 12 Inches = 0.3048 Meters
- 1 Inch** = 2.54 Centimeters = 0.0254 Meters
- 1 Kilogram** = 2.2046 Pounds
- 1 Kilometer** = 0.6214 Miles = 3280 Feet
- 1 Meter** = 100 Centimeters = 3.2808 Feet
- 1 Mile** = 5280 Feet = 1.6093 Kilometers
- 1 Pound** = 0.4536 Kilograms
- 1 Square Foot** = 144 Square Inches = .0929 Square Meters
- 1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet
- 1 Square Yard** = 9 Square Feet = 0.8361 Square Meters
- 1 Ton** = 2000 Pounds = 907.185 Kilograms
- 1 Yard** = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

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

TRADEMARKS

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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 General Requirements

01 20 Price And Payment Procedures⁽⁰¹⁾

01 22 Unit Prices^(01 20)

01 22 16 Unit Price Payment^(01 22)

01 22 16 00-0001 Reimbursable Fees^(01 22 16)

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA	Reimbursable Fees.....	1.00
<p>Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.</p>			

01 22 20 Wage Rates^(01 22)

01 22 20 00-0001 Local Labor/Wage Rates^(01 22 20)

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental. Supervising foreman use the craft performing the operation with the supervising foreman modifier.

01 22 20 00-0002	HR	Asbestos Removal Worker	63.71
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			3.19
For Apprentice, Deduct			-12.74
01 22 20 00-0003	HR	Insulator	99.30
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.97
For Apprentice, Deduct			-19.86
01 22 20 00-0004	HR	Boilermaker.....	99.22
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.96
For Apprentice, Deduct			-19.84
01 22 20 00-0005	HR	Brick Layer.....	93.25
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.66
For Apprentice, Deduct			-18.65
01 22 20 00-0006	HR	Carpenter.....	100.71
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			5.04
For Apprentice, Deduct			-20.14
01 22 20 00-0007	HR	Carpet, Linoleum	106.90
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			5.35
For Apprentice, Deduct			-21.38
01 22 20 00-0008	HR	Cement Mason	78.00
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			3.90
For Apprentice, Deduct			-15.60
01 22 20 00-0009	HR	Drywall Finisher	95.30
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.77
For Apprentice, Deduct			-19.06
01 22 20 00-0010	HR	Electrician	104.30
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			5.22
For Apprentice, Deduct			-20.86
01 22 20 00-0011	HR	Equipment Operator, Crane (Group 1-A).....	100.18
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0012	HR	Equipment Operator, Crane (Group 2-A).....	97.99
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.90
For Apprentice, Deduct			-19.60
01 22 20 00-0013	HR	Equipment Operator, Crane (Group 3-A).....	95.86
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0014	HR	Equipment Operator, Medium (Group 3)	96.75
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.84
For Apprentice, Deduct			-19.35
01 22 20 00-0015	HR	Equipment Operator, Medium (Group 4)	94.99
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0016	HR	Equipment Operator, Medium (Group 5)	93.39
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0017	HR	Equipment Operator, Light (Group 6)	91.71
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
For Supervising Foreman, Add			4.59
For Apprentice, Deduct			-18.34
01 22 20 00-0018	HR	Equipment Operator, Light (Group 7)	90.26
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0019	HR	Equipment Operator, Light (Group 8)	88.83
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0020	HR		Glazier	105.68	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.28	
			For Apprentice, Deduct	-21.14	
01 22 20 00-0021	HR		Laborer	72.84	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0022	HR		Lather.....	92.91	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.65	
			For Apprentice, Deduct	-18.58	
01 22 20 00-0023	HR		Marble Setter	104.96	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.25	
			For Apprentice, Deduct	-20.99	
01 22 20 00-0024	HR		Millwright.....	95.48	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.77	
			For Apprentice, Deduct	-19.10	
01 22 20 00-0025	HR		Mold Removal Worker	78.15	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.91	
			For Apprentice, Deduct	-15.63	
01 22 20 00-0026	HR		Painter,	86.04	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.30	
			For Apprentice, Deduct	-17.21	
01 22 20 00-0027	HR		Painter, Structural Steel	89.69	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.48	
			For Apprentice, Deduct	-17.94	
01 22 20 00-0028	HR		Paperhanger	87.43	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.37	
			For Apprentice, Deduct	-17.49	
01 22 20 00-0029	HR		Pile Drivers	111.14	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.56	
			For Apprentice, Deduct	-22.23	
01 22 20 00-0030	HR		Plasterer	93.28	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.66	
			For Apprentice, Deduct	-18.66	
01 22 20 00-0031	HR		Plumber	101.12	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.06	
			For Apprentice, Deduct	-20.22	
01 22 20 00-0032	HR		Powderman.....	76.75	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.84	
			For Apprentice, Deduct	-15.35	
01 22 20 00-0033	HR		Rodman (Reinforcing)/Ornamental Steel Worker.....	89.76	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.49	
			For Apprentice, Deduct	-17.95	
01 22 20 00-0034	HR		Roofer, Composite	100.33	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.02	
			For Apprentice, Deduct	-20.07	
01 22 20 00-0035	HR		Roofer, Metal	131.27	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	6.56	
			For Apprentice, Deduct	-26.25	
01 22 20 00-0036	HR		Roofer, Tile/Slate	96.74	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.84	
			For Apprentice, Deduct	-19.35	
01 22 20 00-0037	HR		Sheet Metal Worker	106.68	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.33	
			For Apprentice, Deduct	-21.34	
01 22 20 00-0038	HR		Sprinkler Installer	78.20	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.91	
			For Apprentice, Deduct	-15.64	
01 22 20 00-0039	HR		Steam / Pipe Fitter	101.12	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	5.06	
			For Apprentice, Deduct	-20.22	
01 22 20 00-0040	HR		Stone Mason.....	93.25	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.66	
			For Apprentice, Deduct	-18.65	
01 22 20 00-0041	HR		Iron Worker (Structural)	92.27	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.61	
			For Apprentice, Deduct	-18.45	
01 22 20 00-0042	HR		Tile Layer	88.30	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.42	
			For Apprentice, Deduct	-17.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0043 HR Terrazzo Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. <i>For Supervising Foreman, Add</i> <i>For Apprentice, Deduct</i>	94.39 4.72 -18.88	
01 22 20 00-0044 HR Truck Driver, Light (Group 1) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. <i>For Supervising Foreman, Add</i> <i>For Apprentice, Deduct</i>	77.07 3.85 -15.41	
01 22 20 00-0045 Rates For Services <small>(01 22 20)</small>		
01 22 20 00-0046 HR Watch/Guard Person, Unarmed.....	30.45	
01 22 20 00-0047 HR Watch/Guard Person, Armed.....	37.76	
01 22 20 00-0048 HR Senior Surveyor (Party Chief).....	102.19	
01 22 20 00-0049 HR Surveyor (Instrument person).....	97.58	
01 22 20 00-0050 HR Surveyor (Rod Person).....	93.29	
01 22 20 00-0051 HR On-Site Certified Materials Testing Technician.....	85.62	
01 22 20 00-0052 HR Certified Industrial Hygienist.....	115.65	
01 22 20 00-0053 MI Mileage For Professional Services (Engineering, Surveying, Etcetera)..... Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.58 0.00	
01 22 20 00-0054 HR Locksmith..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	0.00	
01 22 20 00-0055 HR Fire Watch Laborer..... Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.	72.84	
01 22 20 00-0056 Rates For Architectural And Engineering Services <small>(01 22 20)</small>		
Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0057 HR Principal Architect.....	210.00	
01 22 20 00-0058 HR Senior Architect.....	185.00	
01 22 20 00-0059 HR Architect.....	141.25	
01 22 20 00-0060 HR Principal Engineer.....	210.00	
01 22 20 00-0061 HR Senior Engineer.....	160.00	
01 22 20 00-0062 HR Engineer.....	127.50	
01 22 20 00-0063 HR Draft Person.....	75.62	
01 22 20 00-0064 HR Project Manager.....	150.00	
01 22 20 00-0065 Rates For Traffic Control <small>(01 22 20)</small>		
01 22 20 00-0066 HR Flagperson For Traffic Control.....	72.84	
01 22 20 00-0067 Mobilize Equipment <small>(01 22 20)</small>		
01 22 20 00-0068 HR Escort Vehicle With Driver.....	80.51	
01 22 20 00-0069 HR Transport Vehicle With Driver.....	104.02	
01 22 23 Equipment Usage <small>(01 22)</small>		
Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0065 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0001 Aerial Equipment <small>(01 22 23)</small>		
01 22 23 00-0002 Man Lifts <small>(01 22 23 00-0001)</small>		
Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0003 Telescoping Boom Man Lifts With Platform <small>(01 22 23 00-0002)</small>		
01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform <small>(01 22 23 00-0003)</small>		
Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0005 DAY 40' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	470.80 105.93	
01 22 23 00-0006 WK 40' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	1,184.59 266.53	
01 22 23 00-0007 MO 40' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	2,657.72 597.99	
01 22 23 00-0008 DAY 60' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	691.01 155.48	
01 22 23 00-0009 WK 60' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	1,647.79 370.75	
01 22 23 00-0010 MO 60' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	3,606.91 811.55	
01 22 23 00-0011 DAY 80' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	1,344.05 302.41	
01 22 23 00-0012 WK 80' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	3,257.61 732.96	
01 22 23 00-0013 MO 80' Engine Powered, Telescoping Boom Man Lift With Platform..... <i>For Four-Wheel Drive, Add</i>	6,834.15 1,537.68	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0014	DAY		110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	1,913.56 430.55	
01 22 23 00-0015	WK		110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	4,607.74 1,036.74	
01 22 23 00-0016	MO		110' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	11,481.37 2,583.31	
01 22 23 00-0017	DAY		120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	2,331.20 524.52	
01 22 23 00-0018	WK		120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	5,945.71 1,337.78	
01 22 23 00-0019	MO		120' Engine Powered, Telescoping Boom Man Lift With Platform <i>For Four-Wheel Drive, Add</i>	13,516.43 3,041.20	
01 22 23 00-0020			Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0002)		
01 22 23 00-0021			Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)		
			Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0022	DAY		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	403.70	
01 22 23 00-0023	WK		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,012.92	
01 22 23 00-0024	MO		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,436.88	
01 22 23 00-0025	DAY		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	513.80	
01 22 23 00-0026	WK		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,123.02	
01 22 23 00-0027	MO		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,787.73	
01 22 23 00-0028	DAY		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	660.60	
01 22 23 00-0029	WK		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,526.72	
01 22 23 00-0030	MO		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,413.10	
01 22 23 00-0031	DAY		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,152.38	
01 22 23 00-0032	WK		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,715.80	
01 22 23 00-0033	MO		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,604.53	
01 22 23 00-0034	DAY		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,238.70	
01 22 23 00-0035	WK		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,284.80	
01 22 23 00-0036	MO		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	12,918.40	
01 22 23 00-0037			Electric, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)		
			Note: For use on paved surfaces.		
01 22 23 00-0038	DAY		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	403.70	
01 22 23 00-0039	WK		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,012.92	
01 22 23 00-0040	MO		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,436.88	
01 22 23 00-0041	DAY		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	403.70	
01 22 23 00-0042	WK		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,012.92	
01 22 23 00-0043	MO		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,436.88	
01 22 23 00-0044	DAY		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	499.12	
01 22 23 00-0045	WK		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,078.98	
01 22 23 00-0046	MO		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,679.10	
01 22 23 00-0047	DAY		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	499.12	
01 22 23 00-0048	WK		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,078.98	
01 22 23 00-0049	MO		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,679.10	
01 22 23 00-0050			Platform Lifts (01 22 23 00-0001)		
			Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0051			Electric, Scissor Platform Lifts (01 22 23 00-0050)		
			Note: For use on paved surfaces.		
01 22 23 00-0052	DAY		17' Electric, Scissor Platform Lift	182.41	
01 22 23 00-0053	WK		17' Electric, Scissor Platform Lift	364.83	
01 22 23 00-0054	MO		17' Electric, Scissor Platform Lift	746.24	
01 22 23 00-0055	DAY		20' Electric, Scissor Platform Lift	199.00	
01 22 23 00-0056	WK		20' Electric, Scissor Platform Lift	397.99	
01 22 23 00-0057	MO		20' Electric, Scissor Platform Lift	795.98	
01 22 23 00-0058	DAY		25' Electric, Scissor Platform Lift	257.04	
01 22 23 00-0059	WK		25' Electric, Scissor Platform Lift	514.07	
01 22 23 00-0060	MO		25' Electric, Scissor Platform Lift	1,102.77	
01 22 23 00-0061	DAY		30' Electric, Scissor Platform Lift	331.66	
01 22 23 00-0062	WK		30' Electric, Scissor Platform Lift	655.03	
01 22 23 00-0063	MO		30' Electric, Scissor Platform Lift	1,451.01	
01 22 23 00-0064	DAY		33' Electric, Scissor Platform Lift	356.53	
01 22 23 00-0065	WK		33' Electric, Scissor Platform Lift	696.49	
01 22 23 00-0066	MO		33' Electric, Scissor Platform Lift	1,575.38	
01 22 23 00-0067	DAY		40' Electric, Scissor Platform Lift	464.32	
01 22 23 00-0068	WK		40' Electric, Scissor Platform Lift	1,152.52	
01 22 23 00-0069	MO		40' Electric, Scissor Platform Lift	3,208.81	
01 22 23 00-0070			Engine Powered, Scissor Platform Lifts (01 22 23 00-0050)		
			Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071	DAY		25' Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	373.12 74.62	
01 22 23 00-0072	WK		25' Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	729.65 145.93	
01 22 23 00-0073	MO		25' Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	1,782.67 356.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0074	DAY	33'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	381.41 76.28	
01 22 23 00-0075	WK	33'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	870.61 174.12	
01 22 23 00-0076	MO	33'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	1,907.04 381.41	
01 22 23 00-0077	DAY	40'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	422.87 84.57	
01 22 23 00-0078	WK	40'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	970.11 194.02	
01 22 23 00-0079	MO	40'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	2,155.79 431.16	
01 22 23 00-0080	DAY	43'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	447.74 69.55	
01 22 23 00-0081	WK	43'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	1,044.73 208.95	
01 22 23 00-0082	MO	43'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	2,570.36 514.07	
01 22 23 00-0083	DAY	50'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	837.44 167.49	
01 22 23 00-0084	WK	50'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	1,840.71 368.14	
01 22 23 00-0085	MO	50'	Engine Powered, Scissor Platform Lift <i>For Four-Wheel Drive, Add</i>	4,527.16 905.43	
01 22 23 00-0086			Personnel Lifts (01 22 23 00-0001) Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087	DAY	24'	Push-Type, Electric Single Man Personnel Lift	143.60	
01 22 23 00-0088	WK	24'	Push-Type, Electric Single Man Personnel Lift	406.85	
01 22 23 00-0089	MO	24'	Push-Type, Electric Single Man Personnel Lift	821.68	
01 22 23 00-0090	DAY	30'	Push-Type, Electric Single Man Personnel Lift	199.44	
01 22 23 00-0091	WK	30'	Push-Type, Electric Single Man Personnel Lift	422.81	
01 22 23 00-0092	MO	30'	Push-Type, Electric Single Man Personnel Lift	1,435.95	
01 22 23 00-0093	DAY	36'	Push-Type, Electric Single Man Personnel Lift	335.06	
01 22 23 00-0094	WK	36'	Push-Type, Electric Single Man Personnel Lift	813.70	
01 22 23 00-0095	MO	36'	Push-Type, Electric Single Man Personnel Lift	2,377.30	
01 22 23 00-0096	DAY	40'	Push-Type, Electric Single Man Personnel Lift	358.99	
01 22 23 00-0097	WK	40'	Push-Type, Electric Single Man Personnel Lift	893.48	
01 22 23 00-0098	MO	40'	Push-Type, Electric Single Man Personnel Lift	2,688.42	
01 22 23 00-0099	DAY	15'	Self-Propelled, Electric Single Man Personnel Lift	191.46	
01 22 23 00-0100	WK	15'	Self-Propelled, Electric Single Man Personnel Lift	382.92	
01 22 23 00-0101	MO	15'	Self-Propelled, Electric Single Man Personnel Lift	765.84	
01 22 23 00-0102	DAY	20'	Self-Propelled, Electric Single Man Personnel Lift	191.46	
01 22 23 00-0103	WK	20'	Self-Propelled, Electric Single Man Personnel Lift	382.92	
01 22 23 00-0104	MO	20'	Self-Propelled, Electric Single Man Personnel Lift	796.15	
01 22 23 00-0105			Bucket Trucks (01 22 23 00-0001) Note: Includes full-time operator, delivery, and removal.		
01 22 23 00-0106	DAY	29'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,190.31 -623.15	
01 22 23 00-0107	WK	29'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,817.22 -3,115.74	
01 22 23 00-0108	MO	29'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	17,760.95 -13,429.91	
01 22 23 00-0109	DAY	38'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,262.49 -623.15	
01 22 23 00-0110	WK	38'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,049.24 -3,115.74	
01 22 23 00-0111	MO	38'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	18,379.67 -13,429.91	
01 22 23 00-0112	DAY	48'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,448.11 -623.15	
01 22 23 00-0113	WK	48'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,384.38 -3,115.74	
01 22 23 00-0114	MO	48'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,101.51 -13,429.91	
01 22 23 00-0115	DAY	62'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,860.59 -623.15	
01 22 23 00-0116	WK	62'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,724.94 -3,115.74	
01 22 23 00-0117	MO	62'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,710.71 -13,429.91	
01 22 23 00-0118	DAY	85'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,066.83 -623.15	
01 22 23 00-0119	WK	85'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,446.78 -3,115.74	
01 22 23 00-0120	MO	85'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,288.71 -13,429.91	
01 22 23 00-0121	Day	105'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,169.95 -623.15	
01 22 23 00-0122	WK	105'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,756.14 -3,115.74	
01 22 23 00-0123	MO	105'	Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,536.22 -13,429.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0124			Air Equipment (01 22 23)		
01 22 23 00-0125			Air Compressors (01 22 23 00-0124)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0126	DAY		100 CFM Diesel Powered Portable Air Compressor.....	171.30	
01 22 23 00-0127	WK		100 CFM Diesel Powered Portable Air Compressor.....	513.90	
01 22 23 00-0128	MO		100 CFM Diesel Powered Portable Air Compressor.....	1,427.50	
01 22 23 00-0129	DAY		130 CFM Diesel Powered Portable Air Compressor.....	205.56	
01 22 23 00-0130	WK		130 CFM Diesel Powered Portable Air Compressor.....	605.26	
01 22 23 00-0131	MO		130 CFM Diesel Powered Portable Air Compressor.....	1,713.00	
01 22 23 00-0132	DAY		185 CFM Diesel Powered Portable Air Compressor.....	274.08	
01 22 23 00-0133	WK		185 CFM Diesel Powered Portable Air Compressor.....	616.68	
01 22 23 00-0134	MO		185 CFM Diesel Powered Portable Air Compressor.....	1,358.98	
01 22 23 00-0135	DAY		375 CFM Diesel Powered Portable Air Compressor.....	388.28	
01 22 23 00-0136	WK		375 CFM Diesel Powered Portable Air Compressor.....	982.12	
01 22 23 00-0137	MO		375 CFM Diesel Powered Portable Air Compressor.....	2,341.10	
01 22 23 00-0138	DAY		600 CFM Diesel Powered Portable Air Compressor.....	863.35	
01 22 23 00-0139	WK		600 CFM Diesel Powered Portable Air Compressor.....	2,078.44	
01 22 23 00-0140	MO		600 CFM Diesel Powered Portable Air Compressor.....	5,180.11	
01 22 23 00-0141	DAY		750 CFM Diesel Powered Portable Air Compressor.....	1,039.22	
01 22 23 00-0142	WK		750 CFM Diesel Powered Portable Air Compressor.....	2,558.08	
01 22 23 00-0143	MO		750 CFM Diesel Powered Portable Air Compressor.....	6,281.00	
01 22 23 00-0144	DAY		825 CFM Diesel Powered Portable Air Compressor.....	1,039.22	
01 22 23 00-0145	WK		825 CFM Diesel Powered Portable Air Compressor.....	2,558.08	
01 22 23 00-0146	MO		825 CFM Diesel Powered Portable Air Compressor.....	6,281.00	
01 22 23 00-0147	DAY		1,300 CFM Diesel Powered Portable Air Compressor.....	1,210.52	
01 22 23 00-0148	WK		1,300 CFM Diesel Powered Portable Air Compressor.....	2,713.39	
01 22 23 00-0149	MO		1,300 CFM Diesel Powered Portable Air Compressor.....	7,235.71	
01 22 23 00-0150	DAY		1,600 CFM Diesel Powered Portable Air Compressor.....	1,507.44	
01 22 23 00-0151	WK		1,600 CFM Diesel Powered Portable Air Compressor.....	3,391.74	
01 22 23 00-0152	MO		1,600 CFM Diesel Powered Portable Air Compressor.....	9,044.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0153			Portable Negative Air Machines (01 22 23 00-0124)		
			Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.		
01 22 23 00-0154	DAY		Up To 2,000 CFM, Portable Negative Air Machine.....	94.43	
01 22 23 00-0155	WK		Up To 2,000 CFM, Portable Negative Air Machine.....	387.85	
01 22 23 00-0156	MO		Up To 2,000 CFM, Portable Negative Air Machine.....	1,171.98	
01 22 23 00-0157	EA		Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine.....	19.32	
01 22 23 00-0158	EA		First Stage Pre-Filter For Portable Negative Air Machines.....	13.08	
01 22 23 00-0159	EA		Second Stage Pre-Filter For Portable Negative Air Machines.....	31.29	
01 22 23 00-0160	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....	165.47	
			Note: For use on monthly rental units over three months		
01 22 23 00-0161	LF		Flexible Exhaust Duct For Portable Negative Air Machines.....	1.30	
01 22 23 00-0162	EA		Move Negative Air Equipment And Discharge Duct.....	29.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0163			Portable Air Scrubbers (01 22 23 00-0124)		
			Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.		
01 22 23 00-0164	DAY		Up To 1,000 CFM, Portable Air Scrubber.....	79.55	
01 22 23 00-0165	WK		Up To 1,000 CFM, Portable Air Scrubber.....	330.65	
01 22 23 00-0166	MO		Up To 1,000 CFM, Portable Air Scrubber.....	915.27	
01 22 23 00-0167	DAY		>1,000 to 2,000 CFM, Portable Air Scrubber.....	100.63	
01 22 23 00-0168	WK		>1,000 to 2,000 CFM, Portable Air Scrubber.....	416.90	
01 22 23 00-0169	MO		>1,000 to 2,000 CFM, Portable Air Scrubber.....	1,221.96	
01 22 23 00-0170	DAY		>2,000 To 5,000 CFM, Portable Air Scrubber.....	129.38	
01 22 23 00-0171	WK		>2,000 To 5,000 CFM, Portable Air Scrubber.....	551.08	
01 22 23 00-0172	MO		>2,000 To 5,000 CFM, Portable Air Scrubber.....	1,543.02	
01 22 23 00-0173	EA		First Stage Pre-Filter For Portable Air Scrubbers.....	18.83	
01 22 23 00-0174	EA		Second Stage Pre-Filter For Portable Air Scrubbers.....	26.50	
01 22 23 00-0175	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers.....	280.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0176			Compaction And Paving Equipment (01 22 23)		
01 22 23 00-0177			Pavers And Rollers (01 22 23 00-0176)		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0178			Pavers (01 22 23 00-0177)		
01 22 23 00-0179	DAY		10' Wide Paving Machine With Full-Time Operator.....	2,723.86	
			For Equipment Without Operator, Deduct.....	-774.03	
01 22 23 00-0180	WK		10' Wide Paving Machine With Full-Time Operator.....	11,669.46	
			For Equipment Without Operator, Deduct.....	-3,870.15	
01 22 23 00-0181	MO		10' Wide Paving Machine With Full-Time Operator.....	44,536.83	
			For Equipment Without Operator, Deduct.....	-16,681.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0182			Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0177)		
01 22 23 00-0183	DAY		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,175.37	
			For Equipment Without Operator, Deduct.....	-774.03	
01 22 23 00-0184	WK		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,084.02	
			For Equipment Without Operator, Deduct.....	-3,870.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0185	MO		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,976.88 -16,681.69	
01 22 23 00-0186	DAY		15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,330.27 -774.03	
01 22 23 00-0187	WK		15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,235.93 -3,870.15	
01 22 23 00-0188	MO		15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,716.01 -16,681.69	
01 22 23 00-0189	DAY		30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,337.31 -774.03	
01 22 23 00-0190	WK		30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,778.26 -3,870.15	
01 22 23 00-0191	MO		30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,053.97 -16,681.69	
01 22 23 00-0192 Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0177)					
01 22 23 00-0193	DAY		5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,238.74 -774.03	
01 22 23 00-0194	WK		5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,158.65 -3,870.15	
01 22 23 00-0195	MO		5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,406.38 -16,681.69	
01 22 23 00-0196	DAY		8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,534.46 -774.03	
01 22 23 00-0197	WK		8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,757.14 -3,870.15	
01 22 23 00-0198	MO		8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,293.37 -16,681.69	
01 22 23 00-0199	DAY		10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,604.87 -774.03	
01 22 23 00-0200	WK		10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,200.72 -3,870.15	
01 22 23 00-0201	MO		10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,532.58 -16,681.69	
01 22 23 00-0202 Towed, Padfoot Rollers (01 22 23 00-0177)					
01 22 23 00-0203	DAY		48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	133.78 -774.03	
01 22 23 00-0204	WK		48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	387.26 -3,870.15	
01 22 23 00-0205	MO		48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	1,140.64 -16,681.69	
01 22 23 00-0206	DAY		60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	168.98 -774.03	
01 22 23 00-0207	WK		60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	471.75 -3,870.15	
01 22 23 00-0208	MO		60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	2,006.68 -16,681.69	
01 22 23 00-0209 Static Rollers (01 22 23 00-0177)					
01 22 23 00-0210	DAY		5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,273.94 -774.03	
01 22 23 00-0211	WK		5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,461.42 -3,870.15	
01 22 23 00-0212	MO		5 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,399.16 -16,681.69	
01 22 23 00-0213	DAY		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,428.84 -774.03	
01 22 23 00-0214	WK		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,883.88 -3,870.15	
01 22 23 00-0215	MO		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,567.97 -16,681.69	
01 22 23 00-0216 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0177)					
01 22 23 00-0217	DAY		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,048.63 -774.03	
01 22 23 00-0218	WK		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,672.82 -3,870.15	
01 22 23 00-0219	MO		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	18,793.99 -16,681.69	
01 22 23 00-0220	DAY		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,154.24 -774.03	
01 22 23 00-0221	WK		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,989.67 -3,870.15	
01 22 23 00-0222	MO		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,638.91 -16,681.69	
01 22 23 00-0223	DAY		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,224.65 -774.03	
01 22 23 00-0224	WK		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,200.90 -3,870.15	
01 22 23 00-0225	MO		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,202.19 -16,681.69	
01 22 23 00-0226	DAY		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,316.19 -774.03	
01 22 23 00-0227	WK		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,468.46 -3,870.15	
01 22 23 00-0228	MO		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,899.25 -16,681.69	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0229	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,499.25		
		<i>For Equipment Without Operator, Deduct</i>	-774.03		
01 22 23 00-0230	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,003.57		
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15		
01 22 23 00-0231	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,314.49		
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69		
01 22 23 00-0232		Steel Roadway Plates (01 22 23 00-0176)			
		Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck.			
01 22 23 00-0233	EA	Mobilization of Steel Roadway Plates	392.75		
		Note: Mobilization for each site location.			
01 22 23 00-0234	EA	Placement And Removal Of Steel Roadway Plates	45.10		
01 22 23 00-0235	DAY	1" x 4' x 8' Steel Plate	25.78		
01 22 23 00-0236	WK	1" x 4' x 8' Steel Plate	60.87		
01 22 23 00-0237	MO	1" x 4' x 8' Steel Plate	80.10		
01 22 23 00-0238	DAY	1" x 4' x 10' Steel Plate	34.37		
01 22 23 00-0239	WK	1" x 4' x 10' Steel Plate	77.34		
01 22 23 00-0240	MO	1" x 4' x 10' Steel Plate	94.53		
01 22 23 00-0241	DAY	1" x 5' x 10' Steel Plate	35.80		
01 22 23 00-0242	WK	1" x 5' x 10' Steel Plate	80.92		
01 22 23 00-0243	MO	1" x 5' x 10' Steel Plate	214.83		
01 22 23 00-0244	DAY	1" x 6' x 8' Steel Plate	22.92		
01 22 23 00-0245	WK	1" x 6' x 8' Steel Plate	51.56		
01 22 23 00-0246	MO	1" x 6' x 8' Steel Plate	137.49		
01 22 23 00-0247	DAY	1" x 6' x 10' Steel Plate	42.97		
01 22 23 00-0248	WK	1" x 6' x 10' Steel Plate	56.57		
01 22 23 00-0249	MO	1" x 6' x 10' Steel Plate	151.10		
01 22 23 00-0250	DAY	1" x 6' x 12' Steel Plate	60.15		
01 22 23 00-0251	WK	1" x 6' x 12' Steel Plate	76.98		
01 22 23 00-0252	MO	1" x 6' x 12' Steel Plate	208.39		
01 22 23 00-0253	DAY	1" x 8' x 10' Steel Plate	37.95		
01 22 23 00-0254	WK	1" x 8' x 10' Steel Plate	85.22		
01 22 23 00-0255	MO	1" x 8' x 10' Steel Plate	227.00		
01 22 23 00-0256	DAY	1" x 8' x 12' Steel Plate	68.75		
01 22 23 00-0257	WK	1" x 8' x 12' Steel Plate	85.22		
01 22 23 00-0258	MO	1" x 8' x 12' Steel Plate	412.47		
01 22 23 00-0259	DAY	1" x 8' x 16' Steel Plate	91.66		
01 22 23 00-0260	WK	1" x 8' x 16' Steel Plate	206.24		
01 22 23 00-0261	MO	1" x 8' x 16' Steel Plate	549.96		
01 22 23 00-0262	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	1.82		0.90
01 22 23 00-0263	EA	Removal And Resetting Of Steel Roadway Plate	25.06		
01 22 23 00-0264		Street Sweepers (01 22 23 00-0176)			
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0265	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	950.58		
		<i>For Equipment Without Operator, Deduct</i>	-733.64		
01 22 23 00-0266	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	4,527.88		
		<i>For Equipment Without Operator, Deduct</i>	-3,668.22		
01 22 23 00-0267	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	18,874.08		
		<i>For Equipment Without Operator, Deduct</i>	-15,811.29		
01 22 23 00-0268	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	1,651.79		
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		<i>For Equipment Without Operator, Deduct</i>	-733.64		
01 22 23 00-0269	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	7,345.88		
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		<i>For Equipment Without Operator, Deduct</i>	-3,668.22		
01 22 23 00-0270	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator	28,935.96		
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		<i>For Equipment Without Operator, Deduct</i>	-15,811.29		
01 22 23 00-0271		Earthmoving Equipment (01 22 23)			
01 22 23 00-0272		Skid-Steer Loaders (01 22 23 00-0271)			
		Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.			
01 22 23 00-0273	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,086.91		
		<i>For Equipment Without Operator, Deduct</i>	-733.64		
01 22 23 00-0274	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	4,594.99		
		<i>For Equipment Without Operator, Deduct</i>	-3,668.22		
01 22 23 00-0275	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	18,043.22		
		<i>For Equipment Without Operator, Deduct</i>	-15,811.29		
01 22 23 00-0276	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,180.03		
		<i>For Equipment Without Operator, Deduct</i>	-733.64		
01 22 23 00-0277	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	4,763.49		
		<i>For Equipment Without Operator, Deduct</i>	-3,668.22		
01 22 23 00-0278	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	18,412.75		
		<i>For Equipment Without Operator, Deduct</i>	-15,811.29		
01 22 23 00-0279	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,206.63		
		<i>For Equipment Without Operator, Deduct</i>	-733.64		
01 22 23 00-0280	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	5,005.90		
		<i>For Equipment Without Operator, Deduct</i>	-3,668.22		
01 22 23 00-0281	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	19,055.72		
		<i>For Equipment Without Operator, Deduct</i>	-15,811.29		
01 22 23 00-0282	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,310.10		
		<i>For Equipment Without Operator, Deduct</i>	-733.64		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0283	WK		2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,345.86 -3,668.22	
01 22 23 00-0284	MO		2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,179.08 -15,811.29	
01 22 23 00-0285	DAY		3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,487.47 -733.64	
01 22 23 00-0286	WK		3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,018.40 -3,668.22	
01 22 23 00-0287	MO		3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,834.55 -15,811.29	
01 22 23 00-0288	DAY		Hydraulic Hammer Attachment For Skid-Steer Loaders	295.62	
01 22 23 00-0289	WK		Hydraulic Hammer Attachment For Skid-Steer Loaders	982.94	
01 22 23 00-0290	MO		Hydraulic Hammer Attachment For Skid-Steer Loaders	2,616.24	
01 22 23 00-0291	DAY		Forklift Attachment For Skid-Steer Loaders	63.56	
01 22 23 00-0292	WK		Forklift Attachment For Skid-Steer Loaders	169.98	
01 22 23 00-0293	MO		Forklift Attachment For Skid-Steer Loaders	480.38	
01 22 23 00-0294	DAY		Backhoe Attachment For Skid-Steer Loaders	140.42	
01 22 23 00-0295	WK		Backhoe Attachment For Skid-Steer Loaders	337.01	
01 22 23 00-0296	MO		Backhoe Attachment For Skid-Steer Loaders	838.08	
01 22 23 00-0297	DAY		Broom Attachment For Skid-Steer Loaders	138.94	
01 22 23 00-0298	WK		Broom Attachment For Skid-Steer Loaders	376.92	
01 22 23 00-0299	MO		Broom Attachment For Skid-Steer Loaders	997.72	
01 22 23 00-0300	DAY		Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	121.20	
01 22 23 00-0301	WK		Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	334.05	
01 22 23 00-0302	MO		Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	911.99	
01 22 23 00-0303	DAY		Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	33.41	
01 22 23 00-0304	WK		Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	87.40	
01 22 23 00-0305	MO		Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	257.06	
01 22 23 00-0306	DAY		>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	44.98	
01 22 23 00-0307	WK		>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	111.82	
01 22 23 00-0308	MO		>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	334.18	
01 22 23 00-0309	DAY		Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	65.54	
01 22 23 00-0310	WK		Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	199.23	
01 22 23 00-0311	MO		Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	591.24	
01 22 23 00-0312	DAY		2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	13.30	
01 22 23 00-0313	WK		2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	31.04	
01 22 23 00-0314	MO		2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	82.77	

01 22 23 00-0315
Bulldozers (01 22 23 00-0271)

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

01 22 23 00-0316	DAY		70 HP, D3 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,167.24 -774.03	
01 22 23 00-0317	WK		70 HP, D3 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,420.72 -3,870.15	
01 22 23 00-0318	MO		70 HP, D3 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,281.47 -16,681.69	
01 22 23 00-0319	DAY		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,352.71 -774.03	
01 22 23 00-0320	WK		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,170.04 -3,870.15	
01 22 23 00-0321	MO		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,581.36 -16,681.69	
01 22 23 00-0322	DAY		140 HP, D6 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,879.46 -774.03	
01 22 23 00-0323	WK		140 HP, D6 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	8,277.04 -3,870.15	
01 22 23 00-0324	MO		140 HP, D6 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	29,887.51 -16,681.69	
01 22 23 00-0325	DAY		200 HP, D7 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,346.86 -774.03	
01 22 23 00-0326	WK		200 HP, D7 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,154.04 -3,870.15	
01 22 23 00-0327	MO		200 HP, D7 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	35,525.95 -16,681.69	
01 22 23 00-0328	DAY		335 HP, D8 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,903.28 -774.03	
01 22 23 00-0329	WK		335 HP, D8 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,379.74 -3,870.15	
01 22 23 00-0330	MO		335 HP, D8 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	42,203.05 -16,681.69	
01 22 23 00-0331	DAY		460 HP, D9 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,214.88 -774.03	
01 22 23 00-0332	WK		460 HP, D9 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	13,618.72 -3,870.15	
01 22 23 00-0333	MO		460 HP, D9 Bulldozer With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	45,912.55 -16,681.69	

01 22 23 00-0334
Hydraulic Excavators (01 22 23 00-0271)

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

01 22 23 00-0335	DAY		3/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,156.16 -774.03	
01 22 23 00-0336	WK		3/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,221.76 -3,870.15	
01 22 23 00-0337	MO		3/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,210.65 -16,681.69	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0338	DAY	1/2 CY	Hydraulic Excavator With Full-Time Operator	1,263.72	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0339	WK	1/2 CY	Hydraulic Excavator With Full-Time Operator	5,695.89	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0340	MO	1/2 CY	Hydraulic Excavator With Full-Time Operator	23,107.15	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0341	DAY	5/8 CY	Hydraulic Excavator With Full-Time Operator	1,297.69	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0342	WK	5/8 CY	Hydraulic Excavator With Full-Time Operator	5,872.80	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0343	MO	5/8 CY	Hydraulic Excavator With Full-Time Operator	23,418.52	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0344	DAY	3/4 CY	Hydraulic Excavator With Full-Time Operator	1,333.07	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0345	WK	3/4 CY	Hydraulic Excavator With Full-Time Operator	6,035.56	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0346	MO	3/4 CY	Hydraulic Excavator With Full-Time Operator	23,729.88	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0347	DAY	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	1,361.38	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0348	WK	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	6,205.39	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0349	MO	7/8 To 1 CY	Hydraulic Excavator With Full-Time Operator	24,041.25	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0350	DAY	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	1,743.51	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0351	WK	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	7,726.84	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0352	MO	1-1/8 To 1-1/4 CY	Hydraulic Excavator With Full-Time Operator	28,251.77	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0353	DAY	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	1,800.12	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0354	WK	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	7,974.52	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0355	MO	1-3/8 To 1-1/2 CY	Hydraulic Excavator With Full-Time Operator	28,994.80	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0356	DAY	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	1,906.27	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0357	WK	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	8,399.11	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0358	MO	1-5/8 To 1-7/8 CY	Hydraulic Excavator With Full-Time Operator	30,268.57	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0359	DAY	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	2,026.57	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0360	WK	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	8,873.24	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0361	MO	2 To 2-3/8 CY	Hydraulic Excavator With Full-Time Operator	31,683.87	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0362	DAY	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	2,061.95	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0363	WK	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	9,014.77	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0364	MO	2-1/2 To 2-7/8 CY	Hydraulic Excavator With Full-Time Operator	32,108.46	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0365	DAY	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	2,401.63	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0366	WK	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	10,380.53	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0367	MO	3 To 3-3/4 CY	Hydraulic Excavator With Full-Time Operator	36,212.83	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0368	DAY	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	2,889.90	
			<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0369	WK	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	12,319.49	
			<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0370	MO	4 To 5-3/4 CY	Hydraulic Excavator With Full-Time Operator	42,015.56	
			<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0371	DAY		Thumbs Or Grapple Attachment For Hydraulic Excavators	99.07	
01 22 23 00-0372	WK		Thumbs Or Grapple Attachment For Hydraulic Excavators	382.13	
01 22 23 00-0373	MO		Thumbs Or Grapple Attachment For Hydraulic Excavators	1,132.24	
01 22 23 00-0374	DAY	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	438.74	
01 22 23 00-0375	WK	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	1,160.55	
01 22 23 00-0376	MO	1,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	3,248.11	
01 22 23 00-0377	DAY	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	679.34	
01 22 23 00-0378	WK	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	1,733.74	
01 22 23 00-0379	MO	1,500 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	4,507.73	
01 22 23 00-0380	DAY	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	948.25	
01 22 23 00-0381	WK	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	2,554.62	
01 22 23 00-0382	MO	3,000 Ft-Lb	Hydraulic Hammer Attachment For Hydraulic Excavators	7,161.42	
01 22 23 00-0383	DAY	24"	Compaction Wheel Attachment For Hydraulic Excavators	198.14	
01 22 23 00-0384	WK	24"	Compaction Wheel Attachment For Hydraulic Excavators	792.57	
01 22 23 00-0385	MO	24"	Compaction Wheel Attachment For Hydraulic Excavators	2,377.70	
01 22 23 00-0386	DAY	36"	Compaction Wheel Attachment For Hydraulic Excavators	283.06	
01 22 23 00-0387	WK	36"	Compaction Wheel Attachment For Hydraulic Excavators	1,132.24	
01 22 23 00-0388	MO	36"	Compaction Wheel Attachment For Hydraulic Excavators	3,396.72	
01 22 23 00-0389	DAY	48"	Compaction Wheel Attachment For Hydraulic Excavators	311.37	
01 22 23 00-0390	WK	48"	Compaction Wheel Attachment For Hydraulic Excavators	1,231.31	
01 22 23 00-0391	MO	48"	Compaction Wheel Attachment For Hydraulic Excavators	3,679.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0392	Mini-Excavators <small>(01 22 23 00-0271)</small>		
	Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0393	DAY 2,000 LB Mini-Excavator With Full-Time Operator.....	1,071.24	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0394	WK 2,000 LB Mini-Excavator With Full-Time Operator.....	4,712.25	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0395	MO 2,000 LB Mini-Excavator With Full-Time Operator.....	18,535.73	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0396	DAY 3,500 LB Mini-Excavator With Full-Time Operator.....	1,078.32	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0397	WK 3,500 LB Mini-Excavator With Full-Time Operator.....	4,733.48	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0398	MO 3,500 LB Mini-Excavator With Full-Time Operator.....	18,981.55	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0399	DAY 6,000 LB Mini-Excavator With Full-Time Operator.....	1,113.70	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0400	WK 6,000 LB Mini-Excavator With Full-Time Operator.....	4,832.55	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0401	MO 6,000 LB Mini-Excavator With Full-Time Operator.....	19,045.24	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0402	DAY 7,500 LB Mini-Excavator With Full-Time Operator.....	1,127.85	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0403	WK 7,500 LB Mini-Excavator With Full-Time Operator.....	4,882.09	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0404	MO 7,500 LB Mini-Excavator With Full-Time Operator.....	19,073.55	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0405	DAY 9,500 LB Mini-Excavator With Full-Time Operator.....	1,212.77	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0406	WK 9,500 LB Mini-Excavator With Full-Time Operator.....	4,952.85	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0407	MO 9,500 LB Mini-Excavator With Full-Time Operator.....	19,894.42	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0408	DAY 11,000 LB Mini-Excavator With Full-Time Operator.....	1,219.85	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0409	WK 11,000 LB Mini-Excavator With Full-Time Operator.....	5,306.68	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0410	MO 11,000 LB Mini-Excavator With Full-Time Operator.....	19,929.80	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0411	Loader-Backhoes With Standard Bucket <small>(01 22 23 00-0271)</small>		
	Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0412	DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	1,086.40	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0413	WK 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	4,612.02	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0414	MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	18,427.60	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0415	DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	1,119.87	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0416	WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	4,729.16	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0417	MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	19,141.59	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0418	DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	1,171.46	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0419	WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	4,857.46	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0420	MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	19,509.74	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0421	DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	1,401.55	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0422	WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	5,543.55	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0423	MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	21,473.19	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0424	Heavy Duty Construction Loaders <small>(01 22 23 00-0271)</small>		
	Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0425	DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,299.88	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0426	WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,949.28	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0427	MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	22,910.99	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0428	DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,736.74	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0429	WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	6,426.59	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0430	MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	23,153.69	
	<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0431	DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,833.82	
	<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0432	WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	6,685.47	
	<i>For Equipment Without Operator, Deduct</i>	-3,870.15	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0433	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	23,800.89	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0434	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,100.79	
		<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0435	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	7,389.30	
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0436	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	25,580.69	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0437	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,788.44	
		<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0438	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	11,911.61	
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0439	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	40,789.89	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0440	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	7,318.76	
		<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0441	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	25,122.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0442	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	74,599.70	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	

01 22 23 00-0443 Shoring (01 22 23 00-0271)
 Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0444 Aluminum Hydraulic Shoring (01 22 23 00-0443)
 Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.

01 22 23 00-0445	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring	69.90	
		Note: Up to 88" spread width.		
01 22 23 00-0446	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring	206.19	
		Note: Up to 88" spread width.		
01 22 23 00-0447	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	93.78	
		Note: Up to 88" spread width.		
01 22 23 00-0448	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	276.60	
		Note: Up to 88" spread width.		
01 22 23 00-0449	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	173.89	
		Note: Up to 88" spread width.		
01 22 23 00-0450	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	512.97	
		Note: Up to 88" spread width.		
01 22 23 00-0451	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	22.93	
01 22 23 00-0452	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	36.68	
01 22 23 00-0453	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	61.13	

01 22 23 00-0454 Trench Boxes/Trench Shields (01 22 23 00-0271)

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

01 22 23 00-0455	WK	4' x 6' Trench Box With Up To 48" Spreaders	132.60	
01 22 23 00-0456	MO	4' x 6' Trench Box With Up To 48" Spreaders	397.81	
01 22 23 00-0457	WK	6' x 6' Trench Box With Up To 48" Spreaders	149.71	
01 22 23 00-0458	MO	6' x 6' Trench Box With Up To 48" Spreaders	449.14	
01 22 23 00-0459	WK	8' x 6' Trench Box With Up To 48" Spreaders	158.27	
01 22 23 00-0460	MO	8' x 6' Trench Box With Up To 48" Spreaders	474.80	
01 22 23 00-0461	WK	4' x 8' Trench Box With Up To 48" Spreaders	145.44	
01 22 23 00-0462	MO	4' x 8' Trench Box With Up To 48" Spreaders	436.30	
01 22 23 00-0463	WK	6' x 8' Trench Box With Up To 48" Spreaders	171.10	
01 22 23 00-0464	MO	6' x 8' Trench Box With Up To 48" Spreaders	513.30	
01 22 23 00-0465	WK	8' x 8' Trench Box With Up To 48" Spreaders	192.49	
01 22 23 00-0466	MO	8' x 8' Trench Box With Up To 48" Spreaders	577.46	
01 22 23 00-0467	WK	4' x 10' Trench Box With Up To 48" Spreaders	162.54	
01 22 23 00-0468	MO	4' x 10' Trench Box With Up To 48" Spreaders	487.64	
01 22 23 00-0469	WK	6' x 10' Trench Box With Up To 48" Spreaders	192.49	
01 22 23 00-0470	MO	6' x 10' Trench Box With Up To 48" Spreaders	577.46	
01 22 23 00-0471	WK	8' x 10' Trench Box With Up To 48" Spreaders	235.26	
01 22 23 00-0472	MO	8' x 10' Trench Box With Up To 48" Spreaders	701.51	
01 22 23 00-0473	WK	4' x 12' Trench Box With Up To 48" Spreaders	192.49	
01 22 23 00-0474	MO	4' x 12' Trench Box With Up To 48" Spreaders	577.46	
01 22 23 00-0475	WK	6' x 12' Trench Box With Up To 48" Spreaders	235.26	
01 22 23 00-0476	MO	6' x 12' Trench Box With Up To 48" Spreaders	705.79	
01 22 23 00-0477	WK	8' x 12' Trench Box With Up To 48" Spreaders	299.42	
01 22 23 00-0478	MO	8' x 12' Trench Box With Up To 48" Spreaders	898.28	
01 22 23 00-0479	WK	4' x 14' Trench Box With Up To 48" Spreaders	213.88	
01 22 23 00-0480	MO	4' x 14' Trench Box With Up To 48" Spreaders	641.62	
01 22 23 00-0481	WK	6' x 14' Trench Box With Up To 48" Spreaders	278.04	
01 22 23 00-0482	MO	6' x 14' Trench Box With Up To 48" Spreaders	834.11	
01 22 23 00-0483	WK	8' x 14' Trench Box With Up To 48" Spreaders	342.20	
01 22 23 00-0484	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,026.60	
01 22 23 00-0485	WK	4' x 16' Trench Box With Up To 48" Spreaders	235.26	
01 22 23 00-0486	MO	4' x 16' Trench Box With Up To 48" Spreaders	705.79	
01 22 23 00-0487	WK	6' x 16' Trench Box With Up To 48" Spreaders	320.81	
01 22 23 00-0488	MO	6' x 16' Trench Box With Up To 48" Spreaders	962.44	
01 22 23 00-0489	WK	8' x 16' Trench Box With Up To 48" Spreaders	384.98	
01 22 23 00-0490	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,154.92	
01 22 23 00-0491	WK	4' x 20' Trench Box With Up To 48" Spreaders	278.04	
01 22 23 00-0492	MO	4' x 20' Trench Box With Up To 48" Spreaders	834.11	
01 22 23 00-0493	WK	6' x 20' Trench Box With Up To 48" Spreaders	384.98	
01 22 23 00-0494	MO	6' x 20' Trench Box With Up To 48" Spreaders	1,154.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0495	WK	8' x 20'	Trench Box With Up To 48" Spreaders.....	449.14	
01 22 23 00-0496	MO	8' x 20'	Trench Box With Up To 48" Spreaders.....	1,347.41	
01 22 23 00-0497	WK	4' x 24'	Trench Box With Up To 48" Spreaders.....	384.98	
01 22 23 00-0498	MO	4' x 24'	Trench Box With Up To 48" Spreaders.....	1,154.92	
01 22 23 00-0499	WK	6' x 24'	Trench Box With Up To 48" Spreaders.....	470.52	
01 22 23 00-0500	MO	6' x 24'	Trench Box With Up To 48" Spreaders.....	1,411.58	
01 22 23 00-0501	WK	8' x 24'	Trench Box With Up To 48" Spreaders.....	513.30	
01 22 23 00-0502	MO	8' x 24'	Trench Box With Up To 48" Spreaders.....	1,539.90	
01 22 23 00-0503	WK	For Spreaders >48" To 84", Add.....	12.83		
01 22 23 00-0504	MO	For Spreaders >48" To 84", Add.....	38.50		
01 22 23 00-0505	WK	For Spreaders >84" To 120", Add.....	77.00		
01 22 23 00-0506	MO	For Spreaders >84" To 120", Add.....	230.98		
01 22 23 00-0507	WK	For Spreaders >120", Add.....	162.54		
01 22 23 00-0508	MO	For Spreaders >120", Add.....	487.64		
01 22 23 00-0509	WK	8' x 4'	Manhole Box.....	202.11	
01 22 23 00-0510	MO	8' x 4'	Manhole Box.....	606.34	
01 22 23 00-0511	WK	8' x 8'	Manhole Box.....	288.73	
01 22 23 00-0512	MO	8' x 8'	Manhole Box.....	866.19	

01 22 23 00-0513 Trenchers (01 22 23 00-0271)

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

01 22 23 00-0514	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,181.07	
		<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0515	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	5,256.63	
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0516	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	20,497.69	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	
01 22 23 00-0517	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,867.95	
		<i>For Equipment Without Operator, Deduct</i>	-774.03	
01 22 23 00-0518	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	7,571.67	
		<i>For Equipment Without Operator, Deduct</i>	-3,870.15	
01 22 23 00-0519	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	26,857.69	
		<i>For Equipment Without Operator, Deduct</i>	-16,681.69	

01 22 23 00-0520 Heavy Equipment (Wood Ground Protection) Mats (01 22 23 00-0271)

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0271 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0521	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	17.60	
01 22 23 00-0522	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	41.90	
01 22 23 00-0523	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	88.00	
01 22 23 00-0524	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	18.48	
01 22 23 00-0525	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	44.00	
01 22 23 00-0526	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	92.40	
01 22 23 00-0527	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	14.96	
01 22 23 00-0528	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	35.20	
01 22 23 00-0529	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	74.80	
01 22 23 00-0530	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	16.72	
01 22 23 00-0531	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	39.60	
01 22 23 00-0532	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	83.60	
01 22 23 00-0533	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	18.48	
01 22 23 00-0534	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	44.00	
01 22 23 00-0535	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	92.40	
01 22 23 00-0536	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	20.24	
01 22 23 00-0537	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	48.19	
01 22 23 00-0538	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	101.20	
01 22 23 00-0539	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	15.84	
01 22 23 00-0540	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	44.00	
01 22 23 00-0541	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	79.20	
01 22 23 00-0542	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	18.48	
01 22 23 00-0543	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	44.00	
01 22 23 00-0544	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	92.40	
01 22 23 00-0545	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	22.00	
01 22 23 00-0546	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	48.40	
01 22 23 00-0547	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	110.00	
01 22 23 00-0548	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	23.76	
01 22 23 00-0549	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	56.57	
01 22 23 00-0550	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	118.80	
01 22 23 00-0551	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	25.52	
01 22 23 00-0552	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	60.76	
01 22 23 00-0553	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	127.60	
01 22 23 00-0554	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	26.40	
01 22 23 00-0555	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	62.86	
01 22 23 00-0556	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	132.00	
01 22 23 00-0557	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	8.47	
01 22 23 00-0558	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	21.16	
01 22 23 00-0559	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....	63.49	
01 22 23 00-0560	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	10.12	
01 22 23 00-0561	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	25.30	
01 22 23 00-0562	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	75.90	
01 22 23 00-0563	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	11.56	
01 22 23 00-0564	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	28.89	
01 22 23 00-0565	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	86.68	
01 22 23 00-0566	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	12.32	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0567	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.80
01 22 23 00-0568	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	92.40
01 22 23 00-0569	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.08
01 22 23 00-0570	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.20
01 22 23 00-0571	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.60
01 22 23 00-0572	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.18
01 22 23 00-0573	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.45
01 22 23 00-0574	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	121.35
01 22 23 00-0575	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	12.45
01 22 23 00-0576	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	31.12
01 22 23 00-0577	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	93.37
01 22 23 00-0578	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.85
01 22 23 00-0579	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.14
01 22 23 00-0580	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	126.41
01 22 23 00-0581	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.57
01 22 23 00-0582	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.43
01 22 23 00-0583	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	109.30
01 22 23 00-0584	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.30
01 22 23 00-0585	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	60.76
01 22 23 00-0586	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	182.28
01 22 23 00-0587	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	25.91
01 22 23 00-0588	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	64.77
01 22 23 00-0589	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	194.30

01 22 23 00-0590 Electrical Equipment (01 22 23)

01 22 23 00-0591 Tripod Mounted Floodlights (01 22 23 00-0590)

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

01 22 23 00-0592	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	66.64
01 22 23 00-0593	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	157.66
01 22 23 00-0594	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	333.21
01 22 23 00-0595	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	66.64
01 22 23 00-0596	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	195.05
01 22 23 00-0597	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	577.02
01 22 23 00-0598	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	74.77
01 22 23 00-0599	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	203.18
01 22 23 00-0600	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	495.75

01 22 23 00-0601 Trailer Mounted Floodlights (01 22 23 00-0590)

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

01 22 23 00-0602	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	186.92
01 22 23 00-0603	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	414.48
01 22 23 00-0604	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	893.97

01 22 23 00-0605 Generator Sets (01 22 23 00-0590)

01 22 23 00-0606 Portable, Gas Or Diesel Powered Generator Sets (01 22 23 00-0605)

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.

01 22 23 00-0607	DAY	3.6 KW, 8 HP Gas Powered Generator Set	52.61
		For LP Or NG Gas, Add	6.58
		For >160 To 320 Hours Usage Per Month, Add	26.31
01 22 23 00-0608	WK	3.6 KW, 8 HP Gas Powered Generator Set	189.64
		For LP Or NG Gas, Add	23.71
01 22 23 00-0609	MO	3.6 KW, 8 HP Gas Powered Generator Set	526.10
		For LP Or NG Gas, Add	65.76
01 22 23 00-0610	DAY	5 KW, 11 HP Gas Powered Generator Set	74.63
		For LP Or NG Gas, Add	9.33
01 22 23 00-0611	WK	5 KW, 11 HP Gas Powered Generator Set	238.58
		For LP Or NG Gas, Add	29.82
01 22 23 00-0612	MO	5 KW, 11 HP Gas Powered Generator Set	544.46
		For LP Or NG Gas, Add	68.06
01 22 23 00-0613	DAY	6.5 KW, 13 HP Gas Powered Generator Set	95.43
		For LP Or NG Gas, Add	11.93
01 22 23 00-0614	WK	6.5 KW, 13 HP Gas Powered Generator Set	256.94
		For LP Or NG Gas, Add	32.12
01 22 23 00-0615	MO	6.5 KW, 13 HP Gas Powered Generator Set	709.63
		For LP Or NG Gas, Add	88.70
01 22 23 00-0616	DAY	10 KW, 18 HP Gas Powered Generator Set	106.44
		For LP Or NG Gas, Add	13.31
01 22 23 00-0617	WK	10 KW, 18 HP Gas Powered Generator Set	287.52
		For LP Or NG Gas, Add	35.94
01 22 23 00-0618	MO	10 KW, 18 HP Gas Powered Generator Set	825.86
		For LP Or NG Gas, Add	103.23

01 22 23 00-0619 Towable, Diesel Powered Generator Sets (01 22 23 00-0605)

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				
01 22 23 00-0620	DAY		20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	219.01 109.51 219.01					
01 22 23 00-0621	WK		20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	572.60 286.30 572.60					
01 22 23 00-0622	MO		20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	1,559.96 779.98 1,559.96					
01 22 23 00-0623	DAY		30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	325.00 162.50 325.00					
01 22 23 00-0624	WK		30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	964.53 482.27 964.53					
01 22 23 00-0625	MO		30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	1,991.96 995.98 1,991.96					
01 22 23 00-0626	DAY		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	356.46 178.23 356.46					
01 22 23 00-0627	WK		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	995.98 497.99 995.98					
01 22 23 00-0628	MO		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,201.64 1,100.82 2,201.64					
01 22 23 00-0629	DAY		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	382.67 191.34 382.67					
01 22 23 00-0630	WK		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,048.40 524.20 1,048.40					
01 22 23 00-0631	MO		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,516.16 1,258.08 2,516.16					
01 22 23 00-0632	DAY		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	419.36 209.68 419.36					
01 22 23 00-0633	WK		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,189.93 594.97 1,189.93					
01 22 23 00-0634	MO		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	2,830.68 1,415.34 2,830.68					
01 22 23 00-0635	DAY		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> <i>For >16 To 24 Hours Usage Per Day, Add</i>	471.78 235.89 471.78					
01 22 23 00-0636	WK		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> <i>For >80 Hours Usage Per Week, Add</i>	1,258.08 629.04 1,258.08					
01 22 23 00-0637	MO		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> <i>For >320 Hours Usage Per Month, Add</i>	3,145.20 1,572.60 3,145.20					

01 General Requirements
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0638	DAY		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	487.51	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	243.76	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	487.51	
01 22 23 00-0639	WK		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,310.50	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	655.25	
			<i>For >80 Hours Usage Per Week, Add</i>	1,310.50	
01 22 23 00-0640	MO		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,564.56	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	1,782.28	
			<i>For >320 Hours Usage Per Month, Add</i>	3,564.56	
01 22 23 00-0641	DAY		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	550.41	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	275.21	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	550.41	
01 22 23 00-0642	WK		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,520.18	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	760.09	
			<i>For >80 Hours Usage Per Week, Add</i>	1,520.18	
01 22 23 00-0643	MO		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,088.76	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,044.38	
			<i>For >320 Hours Usage Per Month, Add</i>	4,088.76	
01 22 23 00-0644	DAY		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	576.62	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	288.31	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	576.62	
01 22 23 00-0645	WK		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,598.81	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	799.41	
			<i>For >80 Hours Usage Per Week, Add</i>	1,598.81	
01 22 23 00-0646	MO		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,508.12	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,254.06	
			<i>For >320 Hours Usage Per Month, Add</i>	4,508.12	
01 22 23 00-0647	DAY		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	602.83	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	301.42	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	602.83	
01 22 23 00-0648	WK		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,729.86	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	864.93	
			<i>For >80 Hours Usage Per Week, Add</i>	1,729.86	
01 22 23 00-0649	MO		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,717.80	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,358.90	
			<i>For >320 Hours Usage Per Month, Add</i>	4,717.80	
01 22 23 00-0650	DAY		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	629.04	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	314.52	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	629.04	
01 22 23 00-0651	WK		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,834.70	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	917.35	
			<i>For >80 Hours Usage Per Week, Add</i>	1,834.70	
01 22 23 00-0652	MO		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,927.48	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,463.74	
			<i>For >320 Hours Usage Per Month, Add</i>	4,927.48	
01 22 23 00-0653	DAY		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	629.04	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	314.52	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	629.04	
01 22 23 00-0654	WK		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,834.70	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	917.35	
			<i>For >80 Hours Usage Per Week, Add</i>	1,834.70	
01 22 23 00-0655	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,927.48	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,463.74	
			<i>For >320 Hours Usage Per Month, Add</i>	4,927.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				
01 22 23 00-0656	DAY		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	864.93					
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	432.47					
			For >16 To 24 Hours Usage Per Day, Add	864.93					
01 22 23 00-0657	WK		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,149.22					
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,074.61					
			For >80 Hours Usage Per Week, Add	2,149.22					
01 22 23 00-0658	MO		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,290.40					
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	3,145.20					
			For >320 Hours Usage Per Month, Add	6,290.40					
01 22 23 00-0659	DAY		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	917.35					
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	458.68					
			For >16 To 24 Hours Usage Per Day, Add	917.35					
01 22 23 00-0660	WK		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,201.64					
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,100.82					
			For >80 Hours Usage Per Week, Add	2,201.64					
01 22 23 00-0661	MO		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,500.08					
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	3,250.04					
			For >320 Hours Usage Per Month, Add	6,500.08					
01 22 23 00-0662	DAY		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	969.77					
			Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	484.89					
			For >16 To 24 Hours Usage Per Day, Add	969.77					
01 22 23 00-0663	WK		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,254.06					
			Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,127.03					
			For >80 Hours Usage Per Week, Add	2,254.06					
01 22 23 00-0664	MO		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,709.76					
			Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	3,354.88					
			For >320 Hours Usage Per Month, Add	6,709.76					
01 22 23 00-0665	DAY		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,001.22					
			Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	500.61					
			For >16 To 24 Hours Usage Per Day, Add	1,001.22					
01 22 23 00-0666	WK		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,411.32					
			Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,205.66					
			For >80 Hours Usage Per Week, Add	2,411.32					
01 22 23 00-0667	MO		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,129.12					
			Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	3,564.56					
			For >320 Hours Usage Per Month, Add	7,129.12					
01 22 23 00-0668	DAY		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,048.40					
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	524.20					
			For >16 To 24 Hours Usage Per Day, Add	1,048.40					
01 22 23 00-0669	WK		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,725.84					
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,362.92					
			For >80 Hours Usage Per Week, Add	2,725.84					
01 22 23 00-0670	MO		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,863.00					
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	3,931.50					
			For >320 Hours Usage Per Month, Add	7,863.00					
01 22 23 00-0671	DAY		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,349.95					
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.						
			For >8 To 16 Hours Usage Per Day, Add	674.98					
			For >16 To 24 Hours Usage Per Day, Add	1,349.95					
01 22 23 00-0672	WK		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,490.24					
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.						
			For >40 To 80 Hours Usage Per Week, Add	1,745.12					
			For >80 Hours Usage Per Week, Add	3,490.24					
01 22 23 00-0673	MO		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	9,230.40					
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.						
			For >160 To 320 Hours Usage Per Month, Add	4,615.20					
			For >320 Hours Usage Per Month, Add	9,230.40					

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0674	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	1,730.70
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	
		For >8 To 16 Hours Usage Per Day, Add	865.35
		For >16 To 24 Hours Usage Per Day, Add	1,730.70
01 22 23 00-0675	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	4,499.82
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	
		For >40 To 80 Hours Usage Per Week, Add	2,249.91
		For >80 Hours Usage Per Week, Add	4,499.82
01 22 23 00-0676	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	10,384.20
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	
		For >160 To 320 Hours Usage Per Month, Add	5,192.10
		For >320 Hours Usage Per Month, Add	10,384.20
01 22 23 00-0677	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,140.30
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	
		For >8 To 16 Hours Usage Per Day, Add	1,070.15
		For >16 To 24 Hours Usage Per Day, Add	2,140.30
01 22 23 00-0678	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	5,653.62
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	
		For >40 To 80 Hours Usage Per Week, Add	2,826.81
		For >80 Hours Usage Per Week, Add	5,653.62
01 22 23 00-0679	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	13,845.60
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	
		For >160 To 320 Hours Usage Per Month, Add	6,922.80
		For >320 Hours Usage Per Month, Add	13,845.60
01 22 23 00-0680	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,313.37
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	
		For >8 To 16 Hours Usage Per Day, Add	1,156.69
		For >16 To 24 Hours Usage Per Day, Add	2,313.37
01 22 23 00-0681	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	5,330.56
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	
		For >40 To 80 Hours Usage Per Week, Add	2,665.28
		For >80 Hours Usage Per Week, Add	5,330.56
01 22 23 00-0682	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	15,991.67
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	
		For >160 To 320 Hours Usage Per Month, Add	7,995.84
		For >320 Hours Usage Per Month, Add	15,991.67
01 22 23 00-0683	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	811.32
01 22 23 00-0684	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,308.12

01 22 23 00-0685 Cabling For Generator Sets (01 22 23 00-0605)

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

01 22 23 00-0686	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	23.06
01 22 23 00-0687	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	40.36
01 22 23 00-0688	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	121.09
01 22 23 00-0689	DAY	50', 4/0 Cable With Camlock Ends For Generator Set.....	11.53
01 22 23 00-0690	WK	50', 4/0 Cable With Camlock Ends For Generator Set.....	33.55
01 22 23 00-0691	MO	50', 4/0 Cable With Camlock Ends For Generator Set.....	93.31

01 22 23 00-0692 Resistive Load Banks For Generator Sets (01 22 23 00-0605)

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.

01 22 23 00-0693	DAY	100 KW A/C Resistive Load Bank.....	420.17
01 22 23 00-0694	WK	100 KW A/C Resistive Load Bank.....	1,037.01
01 22 23 00-0695	MO	100 KW A/C Resistive Load Bank.....	3,102.08
01 22 23 00-0696	DAY	650 KW A/C Resistive Load Bank.....	708.02
01 22 23 00-0697	WK	650 KW A/C Resistive Load Bank.....	1,893.43
01 22 23 00-0698	MO	650 KW A/C Resistive Load Bank.....	4,827.44

01 22 23 00-0699 Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0605)

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

01 22 23 00-0700	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	56.61
01 22 23 00-0701	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	146.78
01 22 23 00-0702	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	414.12

01 22 23 00-0703 Portable Distribution Panels For Generator Sets (01 22 23 00-0605)

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

01 22 23 00-0704	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	125.81
01 22 23 00-0705	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	340.73
01 22 23 00-0706	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	954.04
01 22 23 00-0707	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	102.74
01 22 23 00-0708	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	267.34
01 22 23 00-0709	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	760.09
01 22 23 00-0710	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	131.05
01 22 23 00-0711	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	330.25
01 22 23 00-0712	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	896.38

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0713 Fuel Reimbursement For Generators (01 22 23 00-0605)

01 22 23 00-0714 EA Fuel Reimbursement For Generators 1.00

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

01 22 23 00-0715 Welding Machines (01 22 23 00-0590)

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

01 22 23 00-0716 Diesel Powered Towable Welding Machines (01 22 23 00-0715)

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

01 22 23 00-0717 DAY 250 To 299 Amperes, Diesel Powered Towable Welding Machine	126.88
01 22 23 00-0718 WK 250 To 299 Amperes, Diesel Powered Towable Welding Machine	310.16
01 22 23 00-0719 MO 250 To 299 Amperes, Diesel Powered Towable Welding Machine	740.14
01 22 23 00-0720 DAY 300 To 349 Amperes, Diesel Powered Towable Welding Machine	169.18
01 22 23 00-0721 WK 300 To 349 Amperes, Diesel Powered Towable Welding Machine	331.30
01 22 23 00-0722 MO 300 To 349 Amperes, Diesel Powered Towable Welding Machine	773.98
01 22 23 00-0723 DAY 350 To 399 Amperes, Diesel Powered Towable Welding Machine	176.22
01 22 23 00-0724 WK 350 To 399 Amperes, Diesel Powered Towable Welding Machine	352.45
01 22 23 00-0725 MO 350 To 399 Amperes, Diesel Powered Towable Welding Machine	859.98

01 22 23 00-0726 CC/CV Inverter Welder (01 22 23 00-0715)

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.

01 22 23 00-0727 DAY 250 Amperes, CC Inverter Welder	39.47
01 22 23 00-0728 WK 250 Amperes, CC Inverter Welder	86.00
01 22 23 00-0729 MO 250 Amperes, CC Inverter Welder	260.81
01 22 23 00-0730 DAY 300 Amperes, CC/CV Inverter Welder	45.11
01 22 23 00-0731 WK 300 Amperes, CC/CV Inverter Welder	119.83
01 22 23 00-0732 MO 300 Amperes, CC/CV Inverter Welder	317.20
01 22 23 00-0733 DAY 350 Amperes, CC/CV Inverter Welder	46.52
01 22 23 00-0734 WK 350 Amperes, CC/CV Inverter Welder	122.65
01 22 23 00-0735 MO 350 Amperes, CC/CV Inverter Welder	345.40

01 22 23 00-0736 MIG Welder (01 22 23 00-0715)

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.

01 22 23 00-0737 DAY 115 Volt MIG Welder	67.67
01 22 23 00-0738 WK 115 Volt MIG Welder	176.22
01 22 23 00-0739 MO 115 Volt MIG Welder	479.33

01 22 23 00-0740 General Equipment (01 22 23)

01 22 23 00-0741 Jacks And Bracing (01 22 23 00-0740)

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

01 22 23 00-0742 Manual Hydraulic Jacks (01 22 23 00-0741)

01 22 23 00-0743 DAY 12 Ton Manual Hydraulic Bottle Jack	1.33
01 22 23 00-0744 WK 12 Ton Manual Hydraulic Bottle Jack	6.33
01 22 23 00-0745 MO 12 Ton Manual Hydraulic Bottle Jack	22.76
01 22 23 00-0746 DAY 20 Ton Manual Hydraulic Bottle Jack	2.33
01 22 23 00-0747 WK 20 Ton Manual Hydraulic Bottle Jack	7.33
01 22 23 00-0748 MO 20 Ton Manual Hydraulic Bottle Jack	27.76
01 22 23 00-0749 DAY 50 Ton Manual Hydraulic Bottle Jack	8.33
01 22 23 00-0750 WK 50 Ton Manual Hydraulic Bottle Jack	32.34
01 22 23 00-0751 MO 50 Ton Manual Hydraulic Bottle Jack	116.34
01 22 23 00-0752 DAY 100 Ton Manual Hydraulic Bottle Jack	11.67
01 22 23 00-0753 WK 100 Ton Manual Hydraulic Bottle Jack	46.67
01 22 23 00-0754 MO 100 Ton Manual Hydraulic Bottle Jack	168.10

01 22 23 00-0755 Manual Screw Jacks (01 22 23 00-0741)

01 22 23 00-0756 DAY 10 To 20 Ton Manual Screw Jack	15.80
01 22 23 00-0757 WK 10 To 20 Ton Manual Screw Jack	42.53
01 22 23 00-0758 MO 10 To 20 Ton Manual Screw Jack	117.86

01 22 23 00-0759 Shores/Braces (01 22 23 00-0741)

01 22 23 00-0760 MO Adjustable Tubular Steel Shoring, To 10'	9.74
01 22 23 00-0761 MO Adjustable Tubular Steel Shoring, To 16'	11.69
01 22 23 00-0762 MO Adjustable Wood Shoring, To 10'	4.68
01 22 23 00-0763 MO Adjustable Wood Shoring, To 16'	6.24
01 22 23 00-0764 EA Erect And Strip Shores To 10'	31.45
01 22 23 00-0765 EA Erect And Strip Shores To 13'	34.69
01 22 23 00-0766 EA Erect And Strip Shores To 16'	39.02

01 22 23 00-0767 Pressure Washers (01 22 23 00-0740)

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

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0768	DAY	2,000 PSI Pressure Washer With Full-Time Operator	711.61	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0769	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,240.85	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0770	MO	2,000 PSI Pressure Washer With Full-Time Operator	13,391.87	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0771	DAY	2,500 PSI Pressure Washer With Full-Time Operator	670.57	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0772	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,136.68	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0773	MO	2,500 PSI Pressure Washer With Full-Time Operator	13,126.72	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0774	DAY	3,000 PSI Pressure Washer With Full-Time Operator	711.61	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0775	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,240.85	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0776	MO	3,000 PSI Pressure Washer With Full-Time Operator	13,391.87	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0777	DAY	3,500 PSI Pressure Washer With Full-Time Operator	677.33	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0778	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,156.95	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0779	MO	3,500 PSI Pressure Washer With Full-Time Operator	13,180.77	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0780	DAY	4,000 PSI Pressure Washer With Full-Time Operator	761.17	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0781	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,399.44	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0782	MO	4,000 PSI Pressure Washer With Full-Time Operator	13,917.20	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0783	DAY	5,000 PSI Pressure Washer With Full-Time Operator	717.86	
		<i>For Equipment Without Operator, Deduct</i>	-582.75	
01 22 23 00-0784	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,278.55	
		<i>For Equipment Without Operator, Deduct</i>	-2,913.75	
01 22 23 00-0785	MO	5,000 PSI Pressure Washer With Full-Time Operator	13,586.10	
		<i>For Equipment Without Operator, Deduct</i>	-12,559.26	
01 22 23 00-0786		Confined Space Entry Equipment <small>(01 22 23 00-0740)</small>		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0787	DAY	Ventilation Equipment For Confined Space	42.55	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0788	WK	Ventilation Equipment For Confined Space	127.66	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0789	MO	Ventilation Equipment For Confined Space	380.96	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0790	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	36.96	
01 22 23 00-0791	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	110.87	
01 22 23 00-0792	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	332.60	
01 22 23 00-0793	DAY	Confined Space Air Monitor Personnel	733.64	
		Note: Per person day.		
01 22 23 00-0794		Space Heaters <small>(01 22 23 00-0740)</small>		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0795	DAY	150,000 BTU/Hour Space Heater	68.06	
01 22 23 00-0796	WK	150,000 BTU/Hour Space Heater	195.67	
01 22 23 00-0797	MO	150,000 BTU/Hour Space Heater	552.99	
01 22 23 00-0798	DAY	500,000 BTU/Hour Space Heater	144.63	
01 22 23 00-0799	WK	500,000 BTU/Hour Space Heater	357.32	
01 22 23 00-0800	MO	500,000 BTU/Hour Space Heater	903.50	
01 22 23 00-0801		Material Handling Equipment <small>(01 22 23)</small>		
01 22 23 00-0802		Truck Mounted Hydraulic Cranes <small>(01 22 23 00-0801)</small>		
		Note: Includes full-time operator. Include delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.		
01 22 23 00-0803	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,220.92	
		<i>For Equipment Without Operator, Deduct</i>	-783.92	
01 22 23 00-0804	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,243.44	
		<i>For Equipment Without Operator, Deduct</i>	-3,919.58	
01 22 23 00-0805	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	20,879.19	
		<i>For Equipment Without Operator, Deduct</i>	-16,894.76	
01 22 23 00-0806	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,336.60	
		<i>For Equipment Without Operator, Deduct</i>	-783.92	
01 22 23 00-0807	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,587.26	
		<i>For Equipment Without Operator, Deduct</i>	-3,919.58	
01 22 23 00-0808	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	21,907.43	
		<i>For Equipment Without Operator, Deduct</i>	-16,894.76	
01 22 23 00-0809	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,452.28	
		<i>For Equipment Without Operator, Deduct</i>	-783.92	
01 22 23 00-0810	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,931.07	
		<i>For Equipment Without Operator, Deduct</i>	-3,919.58	
01 22 23 00-0811	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	22,935.67	
		<i>For Equipment Without Operator, Deduct</i>	-16,894.76	
01 22 23 00-0812	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,606.51	
		<i>For Equipment Without Operator, Deduct</i>	-783.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0813	WK		20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,393.78 -3,919.58	
01 22 23 00-0814	MO		20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	24,317.37 -16,894.76	
01 22 23 00-0815	DAY		30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,747.90 -783.92	
01 22 23 00-0816	WK		30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,351.33 -3,919.58	
01 22 23 00-0817	MO		30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	27,187.44 -16,894.76	
01 22 23 00-0818	DAY		40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,082.07 -783.92	
01 22 23 00-0819	WK		40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	8,546.66 -3,919.58	
01 22 23 00-0820	MO		40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	30,776.00 -16,894.76	
01 22 23 00-0821	DAY		50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,294.15 -783.92	
01 22 23 00-0822	WK		50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,292.13 -3,919.58	
01 22 23 00-0823	MO		50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	33,017.56 -16,894.76	
01 22 23 00-0824	DAY		60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,461.24 -783.92	
01 22 23 00-0825	WK		60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,896.22 -3,919.58	
01 22 23 00-0826	MO		60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	34,827.27 -16,894.76	
01 22 23 00-0827	DAY		70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,628.33 -783.92	
01 22 23 00-0828	WK		70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,500.32 -3,919.58	
01 22 23 00-0829	MO		70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	36,636.97 -16,894.76	
01 22 23 00-0830	DAY		90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,737.58 -783.92	
01 22 23 00-0831	WK		90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,873.05 -3,919.58	
01 22 23 00-0832	MO		90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	37,768.03 -16,894.76	
01 22 23 00-0833	DAY		100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,875.50 -774.03	
01 22 23 00-0834	WK		100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,376.30 -3,870.15	
01 22 23 00-0835	MO		100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	39,200.15 -16,681.69	
01 22 23 00-0836			Cable Controlled Lattice Boom, Truck Mounted Mechanical Cranes <small>(01 22 23 00-0801)</small>		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0837	DAY		75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,326.28 -783.92	
01 22 23 00-0838	WK		75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,420.66 -3,919.58	
01 22 23 00-0839	MO		75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	33,398.01 -16,894.76	
01 22 23 00-0840	DAY		100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,515.18 -783.92	
01 22 23 00-0841	WK		100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,400.03 -3,919.58	
01 22 23 00-0842	MO		100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	39,336.10 -16,894.76	
01 22 23 00-0843	DAY		125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,707.98 -783.92	
01 22 23 00-0844	WK		125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,807.43 -3,919.58	
01 22 23 00-0845	MO		125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	43,557.02 -16,894.76	
01 22 23 00-0846	DAY		150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,093.57 -783.92	
01 22 23 00-0847	WK		150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	14,214.83 -3,919.58	
01 22 23 00-0848	MO		150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	47,772.81 -16,894.76	
01 22 23 00-0849	DAY		250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,459.88 -783.92	
01 22 23 00-0850	WK		250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	17,029.64 -3,919.58	
01 22 23 00-0851	MO		250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	56,224.94 -16,894.76	
01 22 23 00-0852	DAY		300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,063.97 -783.92	
01 22 23 00-0853	WK		300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,195.37 -3,919.58	
01 22 23 00-0854	MO		300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	62,713.13 -16,894.76	
01 22 23 00-0855	DAY		500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	8,778.49 -783.92	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0856	WK		500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	32,433.96	
			<i>For Equipment Without Operator, Deduct</i>	-3,919.58	
01 22 23 00-0857	MO		500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	102,444.33	
			<i>For Equipment Without Operator, Deduct</i>	-16,894.76	
01 22 23 00-0858			Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0801)		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0859	DAY		5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,352.85	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
01 22 23 00-0860	WK		5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,183.66	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
01 22 23 00-0861	MO		5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	19,070.29	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
01 22 23 00-0862	DAY		6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,418.03	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
01 22 23 00-0863	WK		6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,330.31	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
01 22 23 00-0864	MO		6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	19,396.19	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
01 22 23 00-0865	DAY		8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,401.74	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
01 22 23 00-0866	WK		8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,403.64	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
01 22 23 00-0867	MO		8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	19,885.04	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
01 22 23 00-0868	DAY		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,589.13	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
01 22 23 00-0869	WK		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,892.49	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
01 22 23 00-0870	MO		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	21,025.69	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
01 22 23 00-0871			Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0801)		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0872	DAY		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,136.13	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	80.50	
01 22 23 00-0873	WK		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	4,767.32	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	219.82	
01 22 23 00-0874	MO		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	18,326.83	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	503.11	
01 22 23 00-0875	DAY		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,157.31	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	84.73	
01 22 23 00-0876	WK		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	4,825.16	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	231.39	
01 22 23 00-0877	MO		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	18,459.23	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	529.59	
01 22 23 00-0878	DAY		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,271.38	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	107.55	
01 22 23 00-0879	WK		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,142.92	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	294.94	
01 22 23 00-0880	MO		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	19,192.50	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	676.24	
01 22 23 00-0881	DAY		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,334.19	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	120.11	
01 22 23 00-0882	WK		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,115.70	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	289.50	
01 22 23 00-0883	MO		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	19,414.60	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	720.66	
01 22 23 00-0884			Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0801)		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0885	DAY		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,075.84	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	68.44	
01 22 23 00-0886	WK		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,450.38	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	156.43	
01 22 23 00-0887	MO		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	17,685.21	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	374.78	
01 22 23 00-0888	DAY		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,083.98	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	70.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0889	WK		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,474.82	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	161.32	
01 22 23 00-0890	MO		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	17,742.25	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	386.19	
01 22 23 00-0891	DAY		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,255.08	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	104.29	
01 22 23 00-0892	WK		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,849.61	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	236.28	
01 22 23 00-0893	MO		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	18,662.91	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	570.32	
01 22 23 00-0894	DAY		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,271.38	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	107.55	
01 22 23 00-0895	WK		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,988.12	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	263.98	
01 22 23 00-0896	MO		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	19,151.77	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	668.10	
01 22 23 00-0897	DAY		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,418.03	
			<i>For Equipment Without Operator, Deduct</i>	-733.64	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	136.88	
01 22 23 00-0898	WK		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,224.39	
			<i>For Equipment Without Operator, Deduct</i>	-3,668.22	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	311.23	
01 22 23 00-0899	MO		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	19,559.14	
			<i>For Equipment Without Operator, Deduct</i>	-15,811.29	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	749.57	

01 22 23 00-0900

Chain Hoists (01 22 23 00-0801)

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

01 22 23 00-0901	DAY		1 Ton, 20' Lift, Manual Chain Hoist.....	10.00	
01 22 23 00-0902	WK		1 Ton, 20' Lift, Manual Chain Hoist.....	26.00	
01 22 23 00-0903	MO		1 Ton, 20' Lift, Manual Chain Hoist.....	77.00	
01 22 23 00-0904	DAY		3 Ton, 20' Lift, Manual Chain Hoist.....	28.00	
01 22 23 00-0905	WK		3 Ton, 20' Lift, Manual Chain Hoist.....	66.00	
01 22 23 00-0906	MO		3 Ton, 20' Lift, Manual Chain Hoist.....	185.00	
01 22 23 00-0907	DAY		5 Ton, 20' Lift, Manual Chain Hoist.....	36.00	
01 22 23 00-0908	WK		5 Ton, 20' Lift, Manual Chain Hoist.....	97.00	
01 22 23 00-0909	MO		5 Ton, 20' Lift, Manual Chain Hoist.....	270.00	
01 22 23 00-0910	DAY		2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	71.00	
01 22 23 00-0911	WK		2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	185.00	
01 22 23 00-0912	MO		2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	500.00	
01 22 23 00-0913	DAY		3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	72.00	
01 22 23 00-0914	WK		3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	192.50	
01 22 23 00-0915	MO		3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	525.00	
01 22 23 00-0916	DAY		5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	74.00	
01 22 23 00-0917	WK		5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	207.50	
01 22 23 00-0918	MO		5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	575.00	

01 22 23 00-0919

Roof Swing Hoist (01 22 23 00-0801)

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

01 22 23 00-0920	DAY		Up To 400#, Manual Swing Roof Hoist.....	57.77	
01 22 23 00-0921	WK		Up To 400#, Manual Swing Roof Hoist.....	202.20	
01 22 23 00-0922	MO		Up To 400#, Manual Swing Roof Hoist.....	693.24	

01 22 23 00-0923

Pumping Equipment (01 22 23)

01 22 23 00-0924

Gas Powered Portable Centrifugal Pumps (01 22 23 00-0923)

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0948 for larger diameter pumps.

01 22 23 00-0925	DAY		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	68.52	
01 22 23 00-0926	WK		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	154.16	
01 22 23 00-0927	MO		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	411.10	
01 22 23 00-0928	DAY		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	82.22	
01 22 23 00-0929	WK		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	184.99	
01 22 23 00-0930	MO		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	493.32	

01 22 23 00-0931

Gas Powered Portable Diaphragm Pumps (01 22 23 00-0923)

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

01 22 23 00-0932	DAY		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	78.79	
01 22 23 00-0933	WK		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	222.68	
01 22 23 00-0934	MO		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	565.26	
01 22 23 00-0935	DAY		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	95.92	
01 22 23 00-0936	WK		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	256.94	
01 22 23 00-0937	MO		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	727.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0938		Gas Powered Portable Trash Pumps (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal. Excludes operator.			
01 22 23 00-0939	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	99.35
01 22 23 00-0940	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	205.55
01 22 23 00-0941	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	616.64
01 22 23 00-0942	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	99.35
01 22 23 00-0943	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	265.50
01 22 23 00-0944	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	727.98
01 22 23 00-0945	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	157.59
01 22 23 00-0946	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	445.35
01 22 23 00-0947	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,293.24

01 22 23 00-0948		Diesel Powered Portable Trash Pumps (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal. Excludes operator.			
01 22 23 00-0949	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	308.32
01 22 23 00-0950	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	839.32
01 22 23 00-0951	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	3,657.04
01 22 23 00-0952	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	471.05
01 22 23 00-0953	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,233.29
01 22 23 00-0954	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,280.20
01 22 23 00-0955	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	640.62
01 22 23 00-0956	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,714.61
01 22 23 00-0957	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,587.15
01 22 23 00-0958	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	829.04
01 22 23 00-0959	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,117.14
01 22 23 00-0960	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	6,217.83

01 22 23 00-0961		Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal. Excludes operator.			
01 22 23 00-0962	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	440.22
01 22 23 00-0963	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,002.05
01 22 23 00-0964	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,124.33
01 22 23 00-0965	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	539.56
01 22 23 00-0966	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,344.63
01 22 23 00-0967	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,657.04
01 22 23 00-0968	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	650.90
01 22 23 00-0969	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,925.30
01 22 23 00-0970	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	5,369.94
01 22 23 00-0971	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	979.78
01 22 23 00-0972	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,502.55
01 22 23 00-0973	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	7,348.34

01 22 23 00-0974		3 Phase Electric Submersible Pumps (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal. Excludes operator.			
01 22 23 00-0975	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	171.29
01 22 23 00-0976	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	428.22
01 22 23 00-0977	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,284.68
01 22 23 00-0978	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	226.10
01 22 23 00-0979	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	565.26
01 22 23 00-0980	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,695.77

01 22 23 00-0981		Suction Hose With Couplings (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal.			
01 22 23 00-0982	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00
01 22 23 00-0983	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00
01 22 23 00-0984	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00
01 22 23 00-0985	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00
01 22 23 00-0986	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00
01 22 23 00-0987	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00
01 22 23 00-0988	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	24.00
01 22 23 00-0989	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00
01 22 23 00-0990	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00
01 22 23 00-0991	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	30.00
01 22 23 00-0992	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	75.00
01 22 23 00-0993	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	220.00
01 22 23 00-0994	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	70.00
01 22 23 00-0995	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	180.00
01 22 23 00-0996	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	530.00
01 22 23 00-0997	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	94.00
01 22 23 00-0998	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	205.00
01 22 23 00-0999	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	615.00

01 22 23 00-1000		Discharge Hose With Couplings (01 22 23 00-0923)	
Note: Includes delivery, set-up, and removal.			

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1001	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00
01 22 23 00-1002	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00
01 22 23 00-1003	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00
01 22 23 00-1004	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00
01 22 23 00-1005	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00
01 22 23 00-1006	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00
01 22 23 00-1007	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00
01 22 23 00-1008	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00
01 22 23 00-1009	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00
01 22 23 00-1010	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00
01 22 23 00-1011	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00
01 22 23 00-1012	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00
01 22 23 00-1013	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00
01 22 23 00-1014	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00
01 22 23 00-1015	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00
01 22 23 00-1016	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00
01 22 23 00-1017	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00
01 22 23 00-1018	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00
01 22 23 00-1019	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00
01 22 23 00-1020	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00
01 22 23 00-1021	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00

01 22 23 00-1022 Hydraulic Submersible Pumps (01 22 23 00-0923)
 Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1023 Hydraulic Submersible Pumps (01 22 23 00-1022)
 Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1024	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	113.05
01 22 23 00-1025	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	303.18
01 22 23 00-1026	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	847.89
01 22 23 00-1027	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	143.88
01 22 23 00-1028	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	369.99
01 22 23 00-1029	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,130.51

01 22 23 00-1030 Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1022)
 Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1031	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	261.22
01 22 23 00-1032	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	779.37
01 22 23 00-1033	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,055.48

01 22 23 00-1034 HDPE Pipe With Couplings (01 22 23 00-0923)
 Note: Includes delivery, set-up, and removal.

01 22 23 00-1035	DAY	4" x 20' HDPE Pipe With Couplings	5.00
01 22 23 00-1036	WK	4" x 20' HDPE Pipe With Couplings	12.00
01 22 23 00-1037	MO	4" x 20' HDPE Pipe With Couplings	37.00
01 22 23 00-1038	DAY	6" x 20' HDPE Pipe With Couplings	8.00
01 22 23 00-1039	WK	6" x 20' HDPE Pipe With Couplings	20.00
01 22 23 00-1040	MO	6" x 20' HDPE Pipe With Couplings	61.00
01 22 23 00-1041	DAY	8" x 20' HDPE Pipe With Couplings	13.00
01 22 23 00-1042	WK	8" x 20' HDPE Pipe With Couplings	34.00
01 22 23 00-1043	MO	8" x 20' HDPE Pipe With Couplings	101.00
01 22 23 00-1044	DAY	10" x 20' HDPE Pipe With Couplings	16.00
01 22 23 00-1045	WK	10" x 20' HDPE Pipe With Couplings	41.00
01 22 23 00-1046	MO	10" x 20' HDPE Pipe With Couplings	125.00
01 22 23 00-1047	DAY	12" x 10' HDPE Pipe With Couplings	12.00
01 22 23 00-1048	WK	12" x 10' HDPE Pipe With Couplings	33.00
01 22 23 00-1049	MO	12" x 10' HDPE Pipe With Couplings	100.00
01 22 23 00-1050	DAY	4" Elbow For HDPE Pipe, Quick Connect	12.00
01 22 23 00-1051	WK	4" Elbow For HDPE Pipe, Quick Connect	31.00
01 22 23 00-1052	MO	4" Elbow For HDPE Pipe, Quick Connect	92.00
01 22 23 00-1053	DAY	6" Elbow For HDPE Pipe, Quick Connect	14.00
01 22 23 00-1054	WK	6" Elbow For HDPE Pipe, Quick Connect	36.00
01 22 23 00-1055	MO	6" Elbow For HDPE Pipe, Quick Connect	110.00
01 22 23 00-1056	DAY	8" Elbow For HDPE Pipe, Quick Connect	16.00
01 22 23 00-1057	WK	8" Elbow For HDPE Pipe, Quick Connect	41.00
01 22 23 00-1058	MO	8" Elbow For HDPE Pipe, Quick Connect	125.00
01 22 23 00-1059	DAY	10" Elbow For HDPE Pipe, Quick Connect	20.00
01 22 23 00-1060	WK	10" Elbow For HDPE Pipe, Quick Connect	51.00
01 22 23 00-1061	MO	10" Elbow For HDPE Pipe, Quick Connect	155.00
01 22 23 00-1062	DAY	12" Elbow For HDPE Pipe, Quick Connect	20.00
01 22 23 00-1063	WK	12" Elbow For HDPE Pipe, Quick Connect	51.00
01 22 23 00-1064	MO	12" Elbow For HDPE Pipe, Quick Connect	155.00
01 22 23 00-1065	DAY	4" Tee For HDPE Pipe, Quick Connect	12.00
01 22 23 00-1066	WK	4" Tee For HDPE Pipe, Quick Connect	31.00
01 22 23 00-1067	MO	4" Tee For HDPE Pipe, Quick Connect	92.00
01 22 23 00-1068	DAY	6" Tee For HDPE Pipe, Quick Connect	16.00
01 22 23 00-1069	WK	6" Tee For HDPE Pipe, Quick Connect	41.00
01 22 23 00-1070	MO	6" Tee For HDPE Pipe, Quick Connect	125.00
01 22 23 00-1071	DAY	8" Tee For HDPE Pipe, Quick Connect	20.00
01 22 23 00-1072	WK	8" Tee For HDPE Pipe, Quick Connect	51.00
01 22 23 00-1073	MO	8" Tee For HDPE Pipe, Quick Connect	155.00
01 22 23 00-1074	DAY	10" Tee For HDPE Pipe, Quick Connect	24.00
01 22 23 00-1075	WK	10" Tee For HDPE Pipe, Quick Connect	61.00

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1076	MO		10" Tee For HDPE Pipe, Quick Connect.....	185.00	
01 22 23 00-1077	DAY		12" Tee For HDPE Pipe, Quick Connect.....	24.00	
01 22 23 00-1078	WK		12" Tee For HDPE Pipe, Quick Connect.....	61.00	
01 22 23 00-1079	MO		12" Tee For HDPE Pipe, Quick Connect.....	185.00	
01 22 23 00-1080	DAY		4" Cap For HDPE Pipe, Quick Connect.....	2.00	
01 22 23 00-1081	WK		4" Cap For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1082	MO		4" Cap For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1083	DAY		6" Cap For HDPE Pipe, Quick Connect.....	2.00	
01 22 23 00-1084	WK		6" Cap For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1085	MO		6" Cap For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1086	DAY		8" Cap For HDPE Pipe, Quick Connect.....	2.00	
01 22 23 00-1087	WK		8" Cap For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1088	MO		8" Cap For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1089	DAY		10" Cap For HDPE Pipe, Quick Connect.....	2.00	
01 22 23 00-1090	WK		10" Cap For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1091	MO		10" Cap For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1092	DAY		12" Cap For HDPE Pipe, Quick Connect.....	2.00	
01 22 23 00-1093	WK		12" Cap For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1094	MO		12" Cap For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1095	DAY		4" Wye For HDPE Pipe, Quick Connect.....	6.00	
01 22 23 00-1096	WK		4" Wye For HDPE Pipe, Quick Connect.....	15.00	
01 22 23 00-1097	MO		4" Wye For HDPE Pipe, Quick Connect.....	46.00	
01 22 23 00-1098	DAY		6" Wye For HDPE Pipe, Quick Connect.....	7.00	
01 22 23 00-1099	WK		6" Wye For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1100	MO		6" Wye For HDPE Pipe, Quick Connect.....	55.00	
01 22 23 00-1101	DAY		8" Wye For HDPE Pipe, Quick Connect.....	12.00	
01 22 23 00-1102	WK		8" Wye For HDPE Pipe, Quick Connect.....	31.00	
01 22 23 00-1103	MO		8" Wye For HDPE Pipe, Quick Connect.....	92.00	
01 22 23 00-1104	DAY		10" Wye For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1105	WK		10" Wye For HDPE Pipe, Quick Connect.....	46.00	
01 22 23 00-1106	MO		10" Wye For HDPE Pipe, Quick Connect.....	140.00	
01 22 23 00-1107	DAY		12" Wye For HDPE Pipe, Quick Connect.....	18.00	
01 22 23 00-1108	WK		12" Wye For HDPE Pipe, Quick Connect.....	46.00	
01 22 23 00-1109	MO		12" Wye For HDPE Pipe, Quick Connect.....	140.00	

01 22 23 00-1110 Temporary Building Services (01 22 23)

01 22 23 00-1111 Boilers (01 22 23 00-1110)

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

01 22 23 00-1112 Electric Boilers (01 22 23 00-1111)

01 22 23 00-1113	MO		40 MBH, 12 KW Electric Boiler Rental.....	1,816.13	
01 22 23 00-1114	MO		60 MBH, 20 KW Electric Boiler Rental.....	1,981.25	
01 22 23 00-1115	MO		95 MBH, 30 KW Electric Boiler Rental.....	2,063.82	
01 22 23 00-1116	MO		135 MBH, 40 KW Electric Boiler Rental.....	2,311.43	
01 22 23 00-1117	MO		165 MBH, 50 KW Electric Boiler Rental.....	3,219.50	
01 22 23 00-1118	MO		215 MBH, 60 KW Electric Boiler Rental.....	3,714.82	
01 22 23 00-1119	MO		365 MBH, 100 KW Electric Boiler Rental.....	4,870.57	
01 22 23 00-1120	MO		510 MBH, 150 KW Electric Boiler Rental.....	5,943.76	

01 22 23 00-1121 Oil/Gas Fired Boilers (01 22 23 00-1111)

01 22 23 00-1122	MO		Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental.....	1,906.50	
			<i>For >3 Months Rental, Deduct</i>	-285.98	
01 22 23 00-1123	MO		>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental.....	2,478.45	
			<i>For >3 Months Rental, Deduct</i>	-371.77	
01 22 23 00-1124	MO		>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental.....	4,003.65	
			<i>For >3 Months Rental, Deduct</i>	-600.55	
01 22 23 00-1125	MO		>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental.....	5,528.85	
			<i>For >3 Months Rental, Deduct</i>	-829.33	

01 22 23 00-1126 Oil Fired Boilers (01 22 23 00-1111)

01 22 23 00-1127	MO		250 HP Oil Fired Boiler Rental.....	5,100.60	
01 22 23 00-1128	MO		350 HP Oil Fired Boiler Rental.....	6,800.80	
01 22 23 00-1129	MO		500 HP Oil Fired Boiler Rental.....	8,501.01	
01 22 23 00-1130	MO		600 HP Oil Fired Boiler Rental.....	9,351.11	

01 22 23 00-1131 Boilers Setup (01 22 23 00-1111)

01 22 23 00-1132	EA		Setup Rental Boiler.....	4,474.90	
			Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		

01 22 23 00-1133 Chillers (01 22 23 00-1110)

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

01 22 23 00-1134 Air Cooled Chillers (01 22 23 00-1133)

01 22 23 00-1135	MO		25 Ton Air Cooled Chiller Rental.....	2,758.21	
			<i>For >3 To 6 Month Rental, Deduct</i>	-413.73	
			<i>For >6 Month Rental, Deduct</i>	-689.55	
01 22 23 00-1136	MO		40 Ton Air Cooled Chiller Rental.....	4,413.15	
			<i>For >3 To 6 Month Rental, Deduct</i>	-661.97	
			<i>For >6 Month Rental, Deduct</i>	-1,103.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1137 MO 60 Ton Air Cooled Chiller Rental	5,397.78	
For >3 To 6 Month Rental, Deduct	-809.67	
For >6 Month Rental, Deduct	-1,349.45	
01 22 23 00-1138 MO 80 Ton Air Cooled Chiller Rental	6,382.41	
For >3 To 6 Month Rental, Deduct	-957.36	
For >6 Month Rental, Deduct	-1,595.60	
01 22 23 00-1139 MO 100 Ton Air Cooled Chiller Rental	7,367.04	
For >3 To 6 Month Rental, Deduct	-1,105.06	
For >6 Month Rental, Deduct	-1,841.76	
01 22 23 00-1140 MO 125 Ton Air Cooled Chiller Rental	8,534.86	
For >3 To 6 Month Rental, Deduct	-1,280.23	
For >6 Month Rental, Deduct	-2,133.72	
01 22 23 00-1141 MO 155 Ton Air Cooled Chiller Rental	10,325.09	
For >3 To 6 Month Rental, Deduct	-1,548.76	
For >6 Month Rental, Deduct	-2,581.27	
01 22 23 00-1142 MO 170 Ton Air Cooled Chiller Rental	11,041.18	
For >3 To 6 Month Rental, Deduct	-1,656.18	
For >6 Month Rental, Deduct	-2,760.30	
01 22 23 00-1143 MO 200 Ton Air Cooled Chiller Rental	12,683.62	
For >3 To 6 Month Rental, Deduct	-1,902.54	
For >6 Month Rental, Deduct	-3,170.91	
01 22 23 00-1144 MO 250 Ton Air Cooled Chiller Rental	15,092.12	
For >3 To 6 Month Rental, Deduct	-2,263.82	
For >6 Month Rental, Deduct	-3,773.03	
01 22 23 00-1145 MO 300 Ton Air Cooled Chiller Rental	17,610.94	
Note: Includes trailer.		
For >3 To 6 Month Rental, Deduct	-2,641.64	
For >6 Month Rental, Deduct	-4,402.74	
01 22 23 00-1146 MO 400 Ton Air Cooled Chiller Rental	23,231.46	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-3,484.72	
For >6 Month Rental, Deduct	-5,807.87	
01 22 23 00-1147 MO 500 Ton Air Cooled Chiller Rental	28,756.21	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-4,313.43	
For >6 Month Rental, Deduct	-7,189.05	
01 22 23 00-1148 EA Setup Air Cooled Chiller Rental Unit.....	3,110.60	
Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.		
01 22 23 00-1149 Chiller Rental Accessories (01 22 23 00-1133)		
01 22 23 00-1150 MO 4" x 25' Flexible Water Hose For Chiller Rental	49.15	
01 22 23 00-1151 MO 6" x 25' Flexible Water Hose For Chiller Rental	61.44	
01 22 23 00-1152 Emergency Cooler/Freezer (01 22 23 00-1110)		
Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1153 DAY 8 x 6 x 7 Emergency Cooler Rental	80.17	
01 22 23 00-1154 WK 8 x 6 x 7 Emergency Cooler Rental	427.56	
01 22 23 00-1155 DAY 10 x 7 x 7 Emergency Cooler Rental	160.34	
01 22 23 00-1156 WK 10 x 7 x 7 Emergency Cooler Rental	641.34	
01 22 23 00-1157 MO 10 x 7 x 7 Emergency Cooler Rental	1,603.35	
01 22 23 00-1158 DAY 10 x 7 x 7 Emergency Freezer Rental	187.06	
01 22 23 00-1159 WK 10 x 7 x 7 Emergency Freezer Rental	748.23	
01 22 23 00-1160 MO 10 x 7 x 7 Emergency Freezer Rental	1,924.02	
01 22 23 00-1161 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	213.78	
01 22 23 00-1162 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	855.12	
01 22 23 00-1163 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,137.80	
01 22 23 00-1164 Fuel Oil Tank (01 22 23 00-1110)		
Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0713 for reimbursable fuel fees.		
01 22 23 00-1165 MO 100 Gallon Portable Double Wall Fuel Oil Tank Rental	392.12	
01 22 23 00-1166 MO 275 Gallon Portable Double Wall Fuel Oil Tank Rental	609.97	
01 22 23 00-1167 MO 500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,524.92	
01 22 23 00-1168 MO 1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,541.52	
01 22 23 00-1169 MO 2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,354.81	
01 22 23 00-1170 MO 5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	5,993.16	
01 22 23 00-1171 Portable Spot Cooling Units (01 22 23 00-1110)		
Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes operator.		
01 22 23 00-1172 DAY 1 Ton Portable Spot Cooling Unit	201.81	
01 22 23 00-1173 WK 1 Ton Portable Spot Cooling Unit	443.99	
01 22 23 00-1174 MO 1 Ton Portable Spot Cooling Unit	887.98	
01 22 23 00-1175 DAY 2 Ton Portable Spot Cooling Unit	322.90	
01 22 23 00-1176 WK 2 Ton Portable Spot Cooling Unit	645.80	
01 22 23 00-1177 MO 2 Ton Portable Spot Cooling Unit	1,453.05	
01 22 23 00-1178 DAY 3 Ton Portable Spot Cooling Unit	484.35	
01 22 23 00-1179 WK 3 Ton Portable Spot Cooling Unit	968.70	
01 22 23 00-1180 MO 3 Ton Portable Spot Cooling Unit	1,937.40	
01 22 23 00-1181 DAY 5 Ton Portable Spot Cooling Unit	565.08	
01 22 23 00-1182 WK 5 Ton Portable Spot Cooling Unit	1,130.15	
01 22 23 00-1183 MO 5 Ton Portable Spot Cooling Unit	2,583.20	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1184	DAY	10 Ton Portable Spot Cooling Unit.....	1,210.88	
01 22 23 00-1185	WK	10 Ton Portable Spot Cooling Unit.....	1,937.40	
01 22 23 00-1186	MO	10 Ton Portable Spot Cooling Unit.....	3,874.80	
01 22 23 00-1187	DAY	20 Ton Portable Spot Cooling Unit.....	1,614.50	
01 22 23 00-1188	WK	20 Ton Portable Spot Cooling Unit.....	2,825.38	
01 22 23 00-1189	MO	20 Ton Portable Spot Cooling Unit.....	6,054.38	
01 22 23 00-1190	DAY	25 Ton Portable Spot Cooling Unit.....	1,856.68	
01 22 23 00-1191	WK	25 Ton Portable Spot Cooling Unit.....	2,986.82	
01 22 23 00-1192	MO	25 Ton Portable Spot Cooling Unit.....	6,458.00	

01 22 23 00-1193 Truck And Trailer Equipment (01 22 23)

01 22 23 00-1194 Trucks (01 22 23 00-1193)

Note: Includes driver, delivery, and removal.

01 22 23 00-1195 Flat Bed Trucks (01 22 23 00-1194)

Note: Includes hydraulic tilt bed.

01 22 23 00-1196	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	857.88	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1197	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,731.11	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1198	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	14,984.19	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
01 22 23 00-1199	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	959.38	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1200	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	3,991.21	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1201	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	15,650.31	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
01 22 23 00-1202	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,032.21	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1203	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,269.59	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1204	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	16,709.79	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.94	

01 22 23 00-1205 Light Off-Road Utility Passenger Vehicles (01 22 23 00-1194)

01 22 23 00-1206	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	173.50	
01 22 23 00-1207	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	401.23	
01 22 23 00-1208	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	867.52	
01 22 23 00-1209	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	178.93	
01 22 23 00-1210	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	417.49	
01 22 23 00-1211	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	921.74	

01 22 23 00-1212 Light Duty Trucks (01 22 23 00-1194)

01 22 23 00-1213	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	824.75	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1214	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver.....	3,777.24	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1215	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver.....	14,815.91	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
01 22 23 00-1216	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	862.55	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1217	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	3,890.64	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1218	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	15,067.91	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	

01 22 23 00-1219 Rear Dump Trucks (01 22 23 00-1194)

01 22 23 00-1220	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	977.69	
		<i>For Equipment Without Operator, Deduct</i>	-616.55	
01 22 23 00-1221	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	4,036.60	
		<i>For Equipment Without Operator, Deduct</i>	-3,082.73	
01 22 23 00-1222	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	16,208.12	
		<i>For Equipment Without Operator, Deduct</i>	-13,287.62	
01 22 23 00-1223	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	1,104.01	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1224	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	4,440.56	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1225	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	16,864.63	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
01 22 23 00-1226	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,172.71	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1227	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	4,587.76	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1228	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	16,962.77	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
01 22 23 00-1229	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,987.23	
		<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1230	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	6,265.87	
		<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1231	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	21,673.25	
		<i>For Equipment Without Operator, Deduct</i>	-13,429.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1232	DAY		18 CY Rear Dump Truck With Full-Time Truck Driver	2,123.63	
			<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1233	WK		18 CY Rear Dump Truck With Full-Time Truck Driver	6,580.89	
			<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1234	MO		18 CY Rear Dump Truck With Full-Time Truck Driver	22,497.58	
			<i>For Equipment Without Operator, Deduct</i>	-13,429.91	

01 22 23 00-1235 Vacuum Trucks (01 22 23 00-1194)

01 22 23 00-1236	DAY		5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,977.41	
			<i>For Equipment Without Operator, Deduct</i>	-623.15	
01 22 23 00-1237	WK		5,000 Gallon Vacuum Truck With Full-Time Truck Driver	7,194.23	
			<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
01 22 23 00-1238	MO		5,000 Gallon Vacuum Truck With Full-Time Truck Driver	25,465.19	
			<i>For Equipment Without Operator, Deduct</i>	-13,429.91	

01 22 23 00-1239 Water Trucks (01 22 23 00-1194)

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1000 for additional discharge hose, 01 22 23 00-1251 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-1240	DAY		2,000 Gallon Water Truck With Full-Time Driver	1,212.47	
			<i>For Equipment Without Operator, Deduct</i>	-623.15	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	
01 22 23 00-1241	WK		2,000 Gallon Water Truck With Full-Time Driver	4,667.62	
			<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	
01 22 23 00-1242	MO		2,000 Gallon Water Truck With Full-Time Driver	17,096.79	
			<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	
01 22 23 00-1243	DAY		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,500.58	
			<i>For Equipment Without Operator, Deduct</i>	-623.15	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	
01 22 23 00-1244	WK		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	5,531.95	
			<i>For Equipment Without Operator, Deduct</i>	-3,115.74	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	
01 22 23 00-1245	MO		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	19,323.11	
			<i>For Equipment Without Operator, Deduct</i>	-13,429.91	
			<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	8.36	

01 22 23 00-1246 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1194)

01 22 23 00-1247	DAY		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,290.81	
			<i>For Equipment Without Operator, Deduct</i>	-616.55	
01 22 23 00-1248	WK		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	5,072.65	
			<i>For Equipment Without Operator, Deduct</i>	-3,082.73	
01 22 23 00-1249	MO		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	18,120.07	
			<i>For Equipment Without Operator, Deduct</i>	-13,287.64	

01 22 23 00-1250 Trailers (01 22 23 00-1193)

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

01 22 23 00-1251 Water Trailers With Pump (01 22 23 00-1250)

01 22 23 00-1252	DAY		500 To 600 Gallon Water Trailer With Pump	150.60	
01 22 23 00-1253	WK		500 To 600 Gallon Water Trailer With Pump	386.33	
01 22 23 00-1254	MO		500 To 600 Gallon Water Trailer With Pump	1,034.58	

01 30 Administrative Requirements (01)

01 35 Special Procedures (01 30)

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

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

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

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

01 35 29 00-0002	MI		Trucking Delivery Of 20' Shipping Container	1.50	
01 35 29 00-0003	MI		Trucking Delivery Of 40' Shipping Container	3.00	

01 35 33 Infection Control Procedures (01 35)

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

01 40 Quality Requirements (01)

01 45 Quality Control (01 40)

01 45 23 Testing And Inspecting Services (01 45)

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

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 45 23 00-0001	Concrete/Cement/Asphalt Testing (01 45 23)		
01 45 23 00-0002	Concrete Testing (01 45 23 00-0001)		
01 45 23 00-0003	EA Concrete Cores Compression Test, ASTM C-42		82.93
01 45 23 00-0004	EA Prepare 6 x 12 Concrete Cylinder And Deliver To Lab		19.66
01 45 23 00-0005	EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633		40.53
01 45 23 00-0006	EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78		121.21
01 45 23 00-0007	EA Unit Weight Of Concrete Cylinder, ASTM C-567		44.66
01 45 23 00-0008	EA Concrete Mix Design Review		242.42
01 45 23 00-0009	EA Trial Concrete Batch Prepared In Laboratory		574.16
01 45 23 00-0010	EA Concrete Shrinkage, ASTM C-157 Modified		446.56
01 45 23 00-0011	EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....		68.90
01 45 23 00-0012	EA Concrete Slump Test, ASTM C143.....		31.90
01 45 23 00-0013	EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231		31.90
01 45 23 00-0014	Cement Testing (01 45 23 00-0001)		
01 45 23 00-0015	EA Cement Grab Sample (CCR Title 24)		31.90
	Note: Includes sealing and storing 1 year.		
01 45 23 00-0016	EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....		51.04
01 45 23 00-0017	Asphaltic Concrete Testing (01 45 23 00-0001)		
01 45 23 00-0018	EA Hveem Asphaltic Concrete Stability Test, CA 366		63.80
01 45 23 00-0019	EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927		165.87
01 45 23 00-0020	EA Stability Tests, Premixed, ASTM D1559.....		63.80
01 45 23 00-0021	EA Stability Tests, Lab. Mixed, ASTM D1559.....		165.87
01 45 23 00-0022	EA Swell Test, CA 305		76.55
	Note: Includes compaction.		
01 45 23 00-0023	EA % Asphalt Extraction Test, ASTM D-2172 B.....		191.38
01 45 23 00-0024	EA Maximum Theoretical Unit Weight, ASTM C2041.....		121.60
01 45 23 00-0025	EA Unit Weight Sample Requiring Compaction, California Test Method 308.....		25.52
01 45 23 00-0026	EA Asphalt Unit Weight On Core Test, CA 308C		25.52
01 45 23 00-0027	HR Nuclear Field Density Testing, 4 Hour Minimum		131.42
01 45 23 00-0028	EA Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664.....		86.09
01 45 23 00-0029	EA Penetration, ASTM D5.....		92.16
01 45 23 00-0030	Metals Testing (01 45 23)		
01 45 23 00-0031	Tank Tightness Testing (01 45 23 00-0030)		
01 45 23 00-0032	GAL Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks		7.16
01 45 23 00-0033	GAL >20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks.....		6.13
01 45 23 00-0034	EA Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....		1,842.08
01 45 23 00-0035	EA >12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing.....		2,250.71
01 45 23 00-0036	EA >29,999 Gallons, Tank Volumetric Tightness Testing.....		2,866.38
01 45 23 00-0037	Tank Line Tightness Testing (01 45 23 00-0030)		
01 45 23 00-0038	EA Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing		388.69
01 45 23 00-0039	EA >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....		431.60
01 45 23 00-0040	EA >29,999 Gallons, Tank Line Volumetric Tightness Testing.....		474.36
01 45 23 00-0041	Other Testing (01 45 23)		
01 45 23 00-0042	Special Testing (01 45 23 00-0041)		
01 45 23 00-0043	EA Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....		98.90
01 45 23 00-0044	EA Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617		593.38
01 45 23 00-0045	EA Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)		29.84
01 45 23 00-0046	EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....		123.67
01 45 23 00-0047	EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample		123.67
01 45 23 00-0048	EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample.....		123.67
01 45 23 00-0049	EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample.....		680.18
01 45 23 00-0050	EA Testing And Certification Of Backflow Valves		452.27
01 45 23 00-0051	Nondestructive Field Testing Services (01 45 23 00-0041)		
01 45 23 00-0052	Infrared Thermography (01 45 23 00-0051)		
	Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0053	Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0052)		
	Note: For on the roof surveys.		
01 45 23 00-0054	EA Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....		2,226.06
01 45 23 00-0055	CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography		3.71
	For CADD Drawings, Add		0.74
01 45 23 00-0056	CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....		2.47
	For CADD Drawings, Add		0.49
01 45 23 00-0057	CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....		1.86
	For CADD Drawings, Add		0.37
	For Elevated Infrared Thermography Roof Investigation, Add		0.47
	For Aerial Infrared Thermography Roof Investigation, Add		0.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0058			CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography..... <i>For CADD Drawings, Add</i> <i>For Elevated Infrared Thermography Roof Investigation, Add</i> <i>For Aerial Infrared Thermography Roof Investigation, Add</i>	1.24 0.25 0.31 0.31	
01 45 23 00-0059			Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For finding moisture in walls and windows.		
01 45 23 00-0060	EA		Building Moisture Investigation Using Infrared Thermography, Mobilization Charge.....	1,174.86	
01 45 23 00-0061	CSF		Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography <i>For Digital Or Analog Recording Of All Items, Add</i>	3.71 1.86	
01 45 23 00-0062	CSF		>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography..... <i>For Digital Or Analog Recording Of All Items, Add</i>	2.47 1.24	
01 45 23 00-0063	CSF		>5,000 SF, Building Moisture Investigation Using Infrared Thermography..... <i>For Digital Or Analog Recording Of All Items, Add</i>	1.24 0.62	
01 45 23 00-0064			General Building Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0065	EA		General Building Investigation Using Infrared Thermography, Mobilization Charge.....	2,411.56	
01 45 23 00-0066	CSF		Up To 1,000 SF, General Building Investigation Using Infrared Thermography <i>For Digital Or Analog Recording Of All Items, Add</i>	3.71 1.86	
01 45 23 00-0067	CSF		>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography..... <i>For Digital Or Analog Recording Of All Items, Add</i>	2.47 1.24	
01 45 23 00-0068	CSF		>5,000 SF, General Building Investigation Using Infrared Thermography <i>For Digital Or Analog Recording Of All Items, Add</i>	1.24 0.62	
01 45 23 00-0069			Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0052) Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0070	EA		Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge.....	1,174.86	
01 45 23 00-0071	HR		Electrical /Mechanical Equipment Scanning Using Infrared Thermography <i>For Digital Or Analog Recording Of All Items, Add</i>	186.87 27.98	
01 45 23 00-0072			Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0052) Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0073	EA		Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge.....	1,174.86	
01 45 23 00-0074	CSF		Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography..... <i>For Digital Or Analog Recording Of All Items, Add</i>	3.71 0.56	
01 45 23 00-0075	CSF		>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography <i>For Digital Or Analog Recording Of All Items, Add</i>	2.47 0.37	
01 45 23 00-0076			Other Nondestructive Field Testing Services (01 45 23 00-0051)		
01 45 23 00-0077	HR		ASNT Certified Level I NDT Consultant.....	84.68	
01 45 23 00-0078	HR		ASNT Certified Level II NDT Consultant.....	105.60	
01 45 23 00-0079	HR		ASNT Certified Level III NDT Consultant.....	121.22	
01 45 23 00-0080	HR		Certified Industrial Radiography Radiation Safety Personnel.....	75.02	
01 45 23 00-0081			Testing Professional Services (01 45 23 00-0041)		
01 45 23 00-0082	HR		Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection.....	118.66	
01 45 23 00-0083	HR		Laboratory Technician.....	114.83	
01 45 23 00-0084	HR		Portable Digital Reinforcement Scanner.....	165.87	
01 45 23 00-0085	HR		Subsurface Detection Radar System.....	280.70	
01 45 23 00-0086	HR		Pavement Rehabilitation Analysis Using Deflectors.....	318.98	
01 45 23 00-0087			Soils/Aggregate Testing (01 45 23)		
01 45 23 00-0088			Field Soils Tests (01 45 23 00-0087)		
01 45 23 00-0089	EA		Plasticity Index Soils Test, ASTM D-4318, Field Soils Test.....	197.76	
01 45 23 00-0090	EA		4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	280.70	
01 45 23 00-0091	EA		6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	318.98	
01 45 23 00-0092	EA		Resistance (R) Value Soils Test, CA 301, Field Soils Test.....	255.18	
01 45 23 00-0093	EA		Soils Classification Test, ASTM D-2487, Field Soils Test.....	382.77	
01 45 23 00-0094	SET		Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	765.28	
01 45 23 00-0095	EA		Moisture Content, Field Soils Test.....	28.70	
01 45 23 00-0096	EA		UBC Or Swell Test, Field Soils Test.....	100.54	
01 45 23 00-0097	EA		Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	191.32	
01 45 23 00-0098	EA		Proctor Compaction 6" Standard Mold, Field Soils Test.....	239.15	
01 45 23 00-0099	EA		Density And Classification Test, Field Soils Test.....	76.53	
01 45 23 00-0100	EA		Percolation Test, Field Soils Test.....	191.32	
01 45 23 00-0101	EA		Infiltration Test, Field Soils Test.....	382.64	
01 45 23 00-0102			Aggregate Testing (01 45 23 00-0087)		
01 45 23 00-0103	EA		Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	63.80	
01 45 23 00-0104	EA		Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	114.83	
01 45 23 00-0105	EA		Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	159.49	

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 45 23 00-0106	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	124.36
01 45 23 00-0107	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	101.33
01 45 23 00-0108	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	90.88
01 45 23 00-0109	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	135.11
01 45 23 00-0110	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	127.59
01 45 23 00-0111	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	127.59
01 45 23 00-0112	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	95.69
01 45 23 00-0113	EA	Fine Aggregate Durability Index, CA 229	102.07
01 45 23 00-0114	EA	Sodium And Magnesium Soundness, ASTM C88	267.85
01 45 23 00-0115	EA	Los Angeles Rattler, ASTM C-131, CA 211	204.14
01 45 23 00-0116	EA	Los Angeles Rattler, ASTM C-535	204.14
01 45 23 00-0117	EA	Unit Weight Of Aggregates, ASTM C29	57.42
01 45 23 00-0118	EA	Organic Impurities In Sand, ASTM C40	57.40
01 45 23 00-0119	EA	Crushed Particle, ASTM California Test Method	57.40
01 45 23 00-0120	EA	Clay Lump And Friable Particles, ASTM C142	114.79
01 45 23 00-0121 Permeability Tests (01 45 23 00-0067)			
01 45 23 00-0122 In-Place Tests (01 45 23 00-0121)			
01 45 23 00-0123	EA	Double Ring Infiltrometer Test, ASTM D3385	1,013.32
01 45 23 00-0124	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	47.83
01 45 23 00-0125 Lab Tests (01 45 23 00-0121)			
01 45 23 00-0126	EA	Falling Head Rigid Wall Consolidometer Technique CAE	472.88
01 45 23 00-0127	EA	Falling Head Permeability Test EPA-9100	472.88
01 45 23 00-0128	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	270.22
01 45 23 00-0129 Masonry/Concrete Block/Tile Testing (01 45 23)			
01 45 23 00-0130 Masonry Testing (01 45 23 00-0129)			
01 45 23 00-0131	EA	2" x 4" Cylinder Mortar Compression Test	42.10
01 45 23 00-0132	EA	4" x 4" x 8" Grout Prisms Compression Test	42.10
01 45 23 00-0133	EA	Masonry Cores Compression Test	82.93
01 45 23 00-0134	EA	Composite Grouted Prism Compression Test	159.49
01 45 23 00-0135 Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0129)			
01 45 23 00-0136	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	102.07
01 45 23 00-0137	EA	Absorption Test, Moisture Content And Unit Weight	70.17
01 45 23 00-0138	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	267.85
01 45 23 00-0139	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	133.92
01 45 29 Testing Laboratory Services (01 45)			
01 45 29 00-0001 Soil Borings Laboratory Tests (01 45 29)			
See CSI section 02 32 13 00-0000 for soil borings.			
01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	87.82
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	28.03
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	67.56
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	472.88
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	93.41
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	20.27
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	12.59
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	162.55
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	56.69
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	11.21
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	560.53
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	113.38
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	140.13
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	326.74
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	287.08
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	84.08
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	71.14
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	276.47
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	42.97

01 50 Temporary Facilities And Controls (01)

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

01 51 Temporary Utilities (01 50)**01 51 13 Temporary Electricity (01 51)****01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch (01 51 13)**

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,345.18
01 51 13 00-0003	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,085.58
01 51 13 00-0004	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	3,830.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 51 13 00-0005	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	6,312.72
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01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch

FUSES (01 51 13)

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,401.42
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,951.39
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,054.66
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	4,334.11

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

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

01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	6.82
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	7.47

01 51 26 Temporary Lighting (01 51)

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

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light.....	240.84
01 51 26 00-0003	EA	Temporary 10 Light String With Cages.....	89.25
01 51 26 00-0004	EA	Temporary High Bay Light.....	338.89

01 52 Construction Facilities (01 50)

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

01 52 13 Field Offices And Sheds (01 52)

01 52 13 00-0001 Field Offices (01 52 13)

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

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet.....	163.84
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	672.91
		<i>For Each Set-Up (Block And Level), Add</i>	382.03
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
		<i>For Office Trailer Without Toilet, Deduct</i>	-32.77
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet.....	185.67
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	672.91
		<i>For Each Set-Up (Block And Level), Add</i>	382.03
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
		<i>For Office Trailer Without Toilet, Deduct</i>	-37.13
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet.....	251.21
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
		<i>For Office Trailer Without Toilet, Deduct</i>	-50.24
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet.....	267.60
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
		<i>For Office Trailer Without Toilet, Deduct</i>	-53.52
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet.....	294.90
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet.....	311.29
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet.....	240.84
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
		<i>For Each Delivery And Set-Up (Block And Level), Add</i>	922.07
		<i>For Each Knock-Down And Pick-Up, Add</i>	727.07
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet.....	321.99
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet.....	365.89
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet.....	398.66
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	953.30
		<i>For Each Set-Up (Block And Level), Add</i>	623.32
		<i>For Each Anchoring Into Dirt, Add</i>	116.49
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	174.74

01 General Requirements
01 50 Temporary Facilities And Controls
01 52 Construction Facilities

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet.....	873.78	
		For Each Delivery And Removal, Two Round Trips, Add	1,794.44	
		For Each Set-Up (Block And Level), Add	1,005.35	
		For Each Anchoring Into Dirt, Add	116.49	
		For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet.....	1,048.53	
		For Each Delivery And Removal, Two Round Trips, Add	1,794.44	
		For Each Set-Up (Block And Level), Add	1,005.35	
		For Each Anchoring Into Dirt, Add	116.49	
		For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet.....	498.33	
		For Each Delivery And Removal, Two Round Trips, Add	1,794.44	
		For Each Set-Up (Block And Level), Add	1,005.35	
		For Each Anchoring Into Dirt, Add	116.49	
		For Each Anchoring Into Asphalt Or Concrete, Add	174.74	

01 52 13 00-0015 Storage Containers (01 52 13)

01 52 13 00-0016	MO	8' x 8' x 10' Storage Container	169.04	
		For Each Delivery And Removal, Two Round Trips, Add	146.25	
		For >12 Months, Deduct	-50.71	
01 52 13 00-0017	MO	8' x 8' x 20' Storage Container	176.72	
		For Each Delivery And Removal, Two Round Trips, Add	160.88	
		For >12 Months, Deduct	-53.02	
01 52 13 00-0018	MO	8' x 8' x 40' Storage Container	208.99	
		For Each Delivery And Removal, Two Round Trips, Add	324.00	
		For >12 Months, Deduct	-62.70	

01 52 19 Sanitary Facilities (01 52)

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

Note: Includes set-up, servicing once per week and removal.

01 52 19 00-0002	WK	Portable Chemical Toilet.....	25.00	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	50.00	
01 52 19 00-0003	MO	Portable Chemical Toilet.....	74.99	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	50.00	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	29.82	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	50.00	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	87.49	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	50.00	
01 52 19 00-0006	WK	Two Station Portable Handwash.....	31.54	
		For Each Delivery, Add	50.00	
01 52 19 00-0007	MO	Two Station Portable Handwash.....	95.66	
		For Each Delivery, Add	50.00	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer	2,600.00	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)		
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week.....	1,500.00	

01 53 Temporary Construction (01 50)

01 53 16 Temporary Decking (01 53)

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

Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	5.33	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	28.57	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	9.31	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	19.03	

01 53 23 Temporary Ramps (01 53)

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

Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access.....	1.36	0.44
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01 54 Construction Aids (01 50)

01 54 09 Personnel Protection Equipment (01 54)

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

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

01 54 09 00-0002	NTE	Personnel Protection Equipment.....	0.00	
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01 54 23 Temporary Scaffolding And Platforms (01 54)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 54 23 00-0001			Scaffolding <small>(01 54 23)</small> Note: Additional scaffolding rental for work above the normal working height of 14'.		
01 54 23 00-0002			Scaffolding Rental - Rental Only <small>(01 54 23 00-0001)</small> Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003	CCF		Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month).....	22.07	
			For Up To 25, Add	8.83	
			For >25 To 50, Add	5.52	
			For >50 To 150, Add	2.21	
01 54 23 00-0004	CCF		Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	24.82	
			For Up To 25, Add	9.93	
			For >25 To 50, Add	6.21	
			For >50 To 150, Add	2.48	
01 54 23 00-0005	CCF		Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month).....	33.11	
			For Up To 25, Add	13.24	
			For >25 To 50, Add	8.28	
			For >50 To 150, Add	3.31	
01 54 23 00-0006			Scaffolding Erection And Dismantling - Labor Only <small>(01 54 23 00-0001)</small> Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007	CCF	Up To 20'	Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	46.00	
01 54 23 00-0008	CCF	>20' To 40'	Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	57.50	
01 54 23 00-0009	CCF	>40' To 60'	Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	69.00	
01 54 23 00-0010	CCF	>60' To 80'	Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	75.90	
01 54 23 00-0011	CCF	>80'	Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	87.40	
01 54 23 00-0012	CCF	Up To 20'	Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	55.20	
01 54 23 00-0013			Heavy Duty Masonry Scaffolding Rental - Rental Only <small>(01 54 23 00-0001)</small> Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0014	CCF		Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	39.36	
01 54 23 00-0015	CCF		Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month).....	72.16	
01 54 23 00-0016	LF		Aluminum Joists (LF / Month)	6.40	
01 54 23 00-0017	LF		Aluminum Stringers (LF / Month)	9.17	
01 54 23 00-0018	EA		Screw Jack With U-Plate For Stringers (EA / Month).....	11.56	
01 54 23 00-0019			Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only <small>(01 54 23 00-0001)</small> Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.		
01 54 23 00-0020	CCF	Up To 20'	Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	73.60	
01 54 23 00-0021	CCF	>20' To 40'	Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	92.00	
01 54 23 00-0022	CCF	>40' To 60'	Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	110.40	
01 54 23 00-0023	CCF	>60' To 80'	Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	119.60	
01 54 23 00-0024	CCF	>80'	Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	133.40	
01 54 23 00-0025			Scaffolding Accessories <small>(01 54 23 00-0001)</small> See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0026	CSF		Netting for Exterior Building Scaffolding	28.33	
			Note: Includes removal after use.		
01 54 23 00-0027			Rolling Scaffolding <small>(01 54 23)</small> Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0028	DAY	>14' To 20'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	8.38	
01 54 23 00-0029	WK	>14' To 20'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	33.59	
01 54 23 00-0030	MO	>14' To 20'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	134.36	
01 54 23 00-0031	DAY	>20' To 40'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	14.03	
01 54 23 00-0032	WK	>20' To 40'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	56.21	
01 54 23 00-0033	MO	>20' To 40'	Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	224.86	
01 54 23 00-0034	EA	>14' To 20'	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold.....	91.61	
01 54 23 00-0035	EA	>20' To 40'	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold.....	114.51	
01 54 23 00-0036			Shoring Posts <small>(01 54 23)</small> Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.		
01 54 23 00-0037	DAY	6'-6" To 11'	Extension, 5,000 LB Capacity, Steel Shoring Post	4.62	
01 54 23 00-0038	WK	6'-6" To 11'	Extension, 5,000 LB Capacity, Steel Shoring Post	13.86	
01 54 23 00-0039	MO	6'-6" To 11'	Extension, 5,000 LB Capacity, Steel Shoring Post	23.11	

01 General Requirements
01 50 Temporary Facilities And Controls
01 54 Construction Aids

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 54 23 00-0040		Temporary Lumber (01 54 23) Note: Includes removal after use.		
01 54 23 00-0041	SF	5/16" CD Grade Plywood, Temporary Lumber.....	1.51	0.61
01 54 23 00-0042	SF	1/2" CD Grade Plywood, Temporary Lumber.....	1.81	0.61
01 54 23 00-0043	SF	5/8" CD Grade Plywood, Temporary Lumber.....	2.04	0.61
01 54 23 00-0044	SF	3/4" CD Grade Plywood, Temporary Lumber.....	2.30	0.61
01 54 23 00-0045	SF	1" CD Grade Plywood, Temporary Lumber.....	3.32	0.92
01 54 23 00-0046	LF	2" x 4" Temporary Lumber.....	1.10	1.28
01 54 23 00-0047	LF	2" x 6" Temporary Lumber.....	1.64	1.28
01 54 23 00-0048	LF	2" x 8" Temporary Lumber.....	2.19	1.28
01 54 23 00-0049	LF	2" x 10" Temporary Lumber.....	2.74	1.28
01 54 23 00-0050	LF	2" x 12" Temporary Lumber.....	3.29	1.28
01 54 23 00-0051	LF	3" x 8" Temporary Lumber.....	3.29	1.28
01 54 23 00-0052	LF	3" x 10" Temporary Lumber.....	4.12	1.28
01 54 23 00-0053	LF	3" x 12" Temporary Lumber.....	4.93	1.28
01 54 23 00-0054	LF	4" x 4" Temporary Lumber.....	2.34	0.64
01 54 23 00-0055	LF	4" x 6" Temporary Lumber.....	3.31	0.80
01 54 23 00-0056	LF	6" x 6" Temporary Lumber.....	4.29	0.95
01 54 23 00-0057	LF	6" x 8" Temporary Lumber.....	5.57	1.20
01 54 23 00-0058	LF	12" x 12" Temporary Lumber.....	13.36	1.91
01 54 23 00-0059		Temporary Precast Concrete Blocks (01 54 23) Note: Includes removal after use.		
01 54 23 00-0060	EA	2' x 2' x 2' Temporary Precast Concrete Block.....	87.71	
01 54 23 00-0061	EA	2' x 2' x 4' Temporary Precast Concrete Block.....	109.65	
01 54 23 00-0062	EA	2' x 2' x 8' Temporary Precast Concrete Block.....	131.57	
01 54 26		Temporary Swing Staging (01 54) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.		
01 54 26 00-0001		Swing Stage (01 54 26) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO	7' Swing Stage, Electric Operated.....	1,730.06	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated.....	1,816.56	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated.....	1,903.06	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated.....	1,989.57	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated.....	2,076.07	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated.....	2,162.57	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated.....	2,249.08	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated.....	498.90	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated.....	623.63	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling..... Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	3,906.50	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling..... Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	5,428.75	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof.....	2,054.12	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof.....	2,861.10	
01 55 Vehicular Access And Parking (01 50)				
01 55 23 Temporary Roads (01 55)				
01 55 23 00-0001		Temporary Stabilized Construction Entrance (01 55 23) Note: As per Caltrans detail.		
01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly..... Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.41	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly..... Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.30	
01 55 23 00-0004		Rumble Trench Plate (01 55 23)		
01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental.....	231.08	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate..... Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	79.28	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate..... Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	19.82	
01 55 23 00-0008		Temporary Road Ramps (Godwin) (01 55 23) Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	2,936.25	175.53
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	4,010.99	263.29
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	5,535.32	351.05
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	11,330.84	438.82
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	16,564.37	526.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 55 26 Traffic Control (01 55)

01 55 26 00-0001 Pedestrian Traffic Control (01 55 26)

01 55 26 00-0002	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	18.73
01 55 26 00-0003	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	26.85
01 55 26 00-0004	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.32
01 55 26 00-0005	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	14.98
01 55 26 00-0006	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	17.88
01 55 26 00-0007	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	28.43
01 55 26 00-0008	CLF	1" Exterior Vinyl Tape (Warning Tape)	25.09
01 55 26 00-0009	CLF	2" Exterior Vinyl Tape (Warning Tape)	38.93
01 55 26 00-0010	CLF	3" Exterior Vinyl Tape (Warning Tape)	53.41
01 55 26 00-0011	CLF	4" Exterior Vinyl Tape (Warning Tape)	62.75

01 55 26 00-0012 Removable Preformed Traffic Black Line Mask (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0013	LF	6" Removable Traffic Black Line Mask	4.59
01 55 26 00-0014	LF	8" Removable Traffic Black Line Mask	5.63

01 55 26 00-0015 Temporary Preformed Traffic Line Tape (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0016	LF	4" Reflective Removable Traffic Line Tape	3.49
01 55 26 00-0017	LF	6" Reflective Removable Traffic Line Tape	4.65
01 55 26 00-0018	LF	8" Reflective Removable Traffic Line Tape	5.73

01 55 26 00-0019 Temporary Painted Traffic Lines (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0020	LF	4" Temporary Painted Traffic Lines	1.87
		<i>For Not Removed, Deduct</i>	-2.63
01 55 26 00-0021	LF	6" Temporary Painted Traffic Lines	2.46
		<i>For Not Removed, Deduct</i>	-3.57
01 55 26 00-0022	LF	8" Temporary Painted Traffic Lines	3.09
		<i>For Not Removed, Deduct</i>	-4.51
01 55 26 00-0023	EA	2" High x 2" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.36
01 55 26 00-0024	EA	2" High x 4" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.38

01 55 26 00-0025 Linear Delineation System, Temporary Or Permanent (01 55 26)

Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.

01 55 26 00-0026	LF	4" Linear Delineation System	6.98
01 55 26 00-0027	LF	6" Linear Delineation System	9.28

01 55 26 00-0028 Traffic Protection (01 55 26)

01 55 26 00-0029 Portable Traffic Control Device Usage (01 55 26 00-0028)

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

01 55 26 00-0030	DAY	28" Cone With Reflective Collar	0.50
01 55 26 00-0031	WK	28" Cone With Reflective Collar	1.49
01 55 26 00-0032	MO	28" Cone With Reflective Collar	4.47
01 55 26 00-0033	DAY	Vertical Panel	1.50
01 55 26 00-0034	WK	Vertical Panel	4.50
01 55 26 00-0035	MO	Vertical Panel	13.49
01 55 26 00-0036	DAY	Channelizer Drum	1.63
01 55 26 00-0037	WK	Channelizer Drum	4.88
01 55 26 00-0038	MO	Channelizer Drum	14.64
01 55 26 00-0039	DAY	Stackable Channelizer Panel	0.77
01 55 26 00-0040	WK	Stackable Channelizer Panel	2.31
01 55 26 00-0041	MO	Stackable Channelizer Panel	6.92
01 55 26 00-0042	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.07
01 55 26 00-0043	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	3.20
01 55 26 00-0044	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	9.59
01 55 26 00-0045	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	2.36
01 55 26 00-0046	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	7.08
01 55 26 00-0047	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	21.25
01 55 26 00-0048	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	2.69
01 55 26 00-0049	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	8.07
01 55 26 00-0050	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	24.22
01 55 26 00-0051	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	4.92
01 55 26 00-0052	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	14.77
01 55 26 00-0053	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	44.30
01 55 26 00-0054	DAY	Up To 10' Wide A Frame Barricade	2.70
01 55 26 00-0055	WK	Up To 10' Wide A Frame Barricade	8.10
01 55 26 00-0056	MO	Up To 10' Wide A Frame Barricade	24.30
01 55 26 00-0057	DAY	Type A Or C Flasher	0.55
01 55 26 00-0058	WK	Type A Or C Flasher	1.65
01 55 26 00-0059	MO	Type A Or C Flasher	4.95
01 55 26 00-0060	DAY	Type B Flasher (High Intensity)	2.98
01 55 26 00-0061	WK	Type B Flasher (High Intensity)	8.95
01 55 26 00-0062	MO	Type B Flasher (High Intensity)	26.86

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 26 00-0063 Traffic Barriers Usage (01 55 26 00-0028)
 Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0064	DAY	6' Long Portable Parking Curbs	1.29
01 55 26 00-0065	WK	6' Long Portable Parking Curbs	3.86
01 55 26 00-0066	MO	6' Long Portable Parking Curbs	11.57
01 55 26 00-0067	DAY	6' Long Portable Speed Bumps	3.80
01 55 26 00-0068	WK	6' Long Portable Speed Bumps	11.41
01 55 26 00-0069	MO	6' Long Portable Speed Bumps	34.24
01 55 26 00-0070	DAY	Up To 12.5' Concrete Traffic Barrier	9.14
01 55 26 00-0071	WK	Up To 12.5' Concrete Traffic Barrier	27.42
01 55 26 00-0072	MO	Up To 12.5' Concrete Traffic Barrier	82.27
01 55 26 00-0073	DAY	>12.5' To 20' Concrete Traffic Barrier	18.28
01 55 26 00-0074	WK	>12.5' To 20' Concrete Traffic Barrier	54.84
01 55 26 00-0075	MO	>12.5' To 20' Concrete Traffic Barrier	164.53
01 55 26 00-0076	DAY	6' x 32" Tall Plastic Water Barrier	10.92
01 55 26 00-0077	WK	6' x 32" Tall Plastic Water Barrier	32.75
01 55 26 00-0078	MO	6' x 32" Tall Plastic Water Barrier	98.24
01 55 26 00-0079	DAY	6' x 46" Tall Plastic Water Barrier	15.59
01 55 26 00-0080	WK	6' x 46" Tall Plastic Water Barrier	46.76
01 55 26 00-0081	MO	6' x 46" Tall Plastic Water Barrier	140.28
01 55 26 00-0082	DAY	Sand Filled Crash Attenuator Barrels	6.10
01 55 26 00-0083	WK	Sand Filled Crash Attenuator Barrels	18.30
01 55 26 00-0084	MO	Sand Filled Crash Attenuator Barrels	54.91

01 55 26 00-0085 Portable Signs And Message Displays Usage (01 55 26 00-0028)
 Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0086	DAY	Mesh Or Vinyl Roll-up Sign With Stand	4.79
01 55 26 00-0087	WK	Mesh Or Vinyl Roll-up Sign With Stand	14.37
01 55 26 00-0088	MO	Mesh Or Vinyl Roll-up Sign With Stand	43.11
01 55 26 00-0089	DAY	Aluminum Sign And Post	2.53
01 55 26 00-0090	WK	Aluminum Sign And Post	7.59
01 55 26 00-0091	MO	Aluminum Sign And Post	22.78
01 55 26 00-0092	DAY	Aluminum Sign And A Frame Stand	3.62
01 55 26 00-0093	WK	Aluminum Sign And A Frame Stand	10.86
01 55 26 00-0094	MO	Aluminum Sign And A Frame Stand	32.59
01 55 26 00-0095	DAY	Trailer Mounted Flashing Arrow Board	110.00
01 55 26 00-0096	WK	Trailer Mounted Flashing Arrow Board	304.45
01 55 26 00-0097	MO	Trailer Mounted Flashing Arrow Board	463.30
01 55 26 00-0098	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	339.00
01 55 26 00-0099	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	904.00
01 55 26 00-0100	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,808.00
01 55 26 00-0101	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	815.64
01 55 26 00-0102	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	2,446.92
01 55 26 00-0103	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	7,340.76

01 55 26 00-0104 Place And Remove Traffic Protection Using Truck (01 55 26 00-0028)
 Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0039 for delivery >15 miles.

01 55 26 00-0105	EA	Placement And Removal Of Up To 250 Cones Using Truck	3.92
01 55 26 00-0106	EA	Placement And Removal Of >250 Cones Using Truck	3.13
01 55 26 00-0107	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	5.22
01 55 26 00-0108	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck	4.18
01 55 26 00-0109	EA	Placement And Removal Of Up To 250 Barricades Using Truck	7.84
01 55 26 00-0110	EA	Placement And Removal Of >250 Barricades Using Truck	6.27
01 55 26 00-0111	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck	7.84
01 55 26 00-0112	EA	Placement And Removal Of Portable Sign And Stand Using Truck	4.70
01 55 26 00-0113	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	19.58
01 55 26 00-0114	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	58.73
01 55 26 00-0115	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	79.28
		For 1 Barrier, Add	198.20
		For 2 Barriers, Add	71.35
		For 3 Barriers, Add	23.78
01 55 26 00-0116	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	118.92
		For 1 Barrier, Add	297.30
		For 2 Barriers, Add	107.03
		For 3 Barriers, Add	35.68
01 55 26 00-0117	EA	Placement And Removal Of Plastic Water Barrier Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.	43.82
		For 1 Barrier, Add	99.10
		For 2 Barriers, Add	35.68
		For 3 Barriers, Add	11.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 55 26 00-0118	EA	Placement And Removal Of Crash Attenuator Barrels	59.46
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
		For 1 Barrier, Add	148.65
		For 2 Barriers, Add	53.51
		For 3 Barriers, Add	17.84

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

01 55 26 00-0120	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside	1.96
01 55 26 00-0121	EA	Placement And Removal Of >250 Cones By Hand From Roadside	1.57
01 55 26 00-0122	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	2.61
01 55 26 00-0123	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.07
01 55 26 00-0124	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	3.92
01 55 26 00-0125	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	3.13
01 55 26 00-0126	EA	Placement And Removal Of Portable Sign And Stand From Roadside	2.33
01 55 26 00-0127	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	29.37
01 55 26 00-0128	EA	Roadside Relocation Of Concrete Traffic Barrier	39.64
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	

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

		Note: Includes removal after use.	
01 55 26 00-0130	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	8.25
01 55 26 00-0131	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	6.05

01 56 Temporary Barriers And Enclosures (01 56)

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers (01 56)

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

		Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.	
01 56 16 00-0002	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.30
01 56 16 00-0003	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.39
01 56 16 00-0004	SF	6 Mil, Plastic Sheeting, Applied To Ceilings	0.52
01 56 16 00-0005	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding	0.50
01 56 16 00-0006	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.35
01 56 16 00-0007	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.44
01 56 16 00-0008	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.57
01 56 16 00-0009	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.53
01 56 16 00-0010	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.64
01 56 16 00-0011	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.36
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.45
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.58
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.54
01 56 16 00-0015	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.36
01 56 16 00-0016	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.45
01 56 16 00-0017	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.58
01 56 16 00-0018	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.54
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.40
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.49
01 56 16 00-0021	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.62
01 56 16 00-0022	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.58

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

		Note: Includes removal after use.	
01 56 16 00-0024	EA	7' Zipper Door For Plastic Sheeting	18.96
01 56 16 00-0025	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)	6.47
		Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.	

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

01 56 16 00-0027	EA	Magnetic Dust Barrier Door System For Plastic Sheeting	18.88
		Note: Multi use. Excludes spring poles and magnetic strips.	
01 56 16 00-0028	EA	29" To 50", Dust Barrier Spring Pole For Door System	5.34
		Note: Multi use.	
01 56 16 00-0029	EA	Magnetic Strip For Door System	2.74
		Note: Multi use.	

01 56 16 00-0030 Temporary Critical Barriers For Protection (01 56 16)

		Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.	
01 56 16 00-0031	EA	Up To 1 SF Individual Critical Barriers	10.26
		Note: For Outlets And Receptacles	
01 56 16 00-0032	EA	>1 To 4 SF Individual Critical Barriers	15.50
		Note: For diffusers, ceiling speakers, return grilles, etc.	
01 56 16 00-0033	EA	>4 To 8 SF Individual Critical Barriers	20.79
		Note: For diffusers, return grilles, access doors, light fixtures, etc.	
01 56 16 00-0034	EA	>8 To 32 SF Individual Critical Barriers	32.13
		Note: For doors, windows, etc.	

01 General Requirements**01 50 Temporary Facilities And Controls****01 56 Temporary Barriers And Enclosures**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 16 00-0035	Temporary Stud Wall <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0036	Temporary Stud Wall With Drywall <small>(01 56 16 00-0035)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0037	Temporary Stud Wall With Drywall <small>(01 56 16 00-0036)</small>		
01 56 16 00-0038	SF 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.41	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0039	SF 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.41	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0040	SF 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.49	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0041	SF 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.45	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0042	SF 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.45	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0043	SF 5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.61	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0044	Temporary Stud Wall With Fire Rated Drywall <small>(01 56 16 00-0036)</small>		
01 56 16 00-0045	SF 1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.50	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0046	SF 5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.52	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0047	SF 5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.48	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0048	SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.07	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0049	SF 1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.63	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0050	SF 5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.68	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0051	SF 5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.59	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0052	SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.77	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0053	Temporary Stud Wall With Oriented Strand Board (OSB) <small>(01 56 16 00-0035)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0054	SF 7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.35	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0055	SF 1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.39	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0056	SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.50	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0057	SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.56	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0058	SF 7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.34	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0059	SF 1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.41	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0060	SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.63	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0061	SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.75	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0062	Temporary Stud Wall With BC Plywood <small>(01 56 16 00-0035)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0063	SF 3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.61	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0064	SF 1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.75	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0065	SF 5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.91	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0066	SF 3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.03	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.25	
01 56 16 00-0067	SF 3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.86	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0068	SF 1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.14	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0069	SF 5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.45	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0070	SF 3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.70	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.33	
01 56 16 00-0071	Temporary Stud Wall With Plastic Sheeting <small>(01 56 16 00-0035)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 16 00-0072	SF 6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.12	0.15
01 56 16 00-0073	SF 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.17	0.15
01 56 16 00-0074	SF 6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.18	0.15
01 56 16 00-0075	SF 6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.17	0.15
01 56 16 00-0076	SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.22	0.15
01 56 16 00-0077	Temporary Doors <small>(01 56 16 00-0035)</small> Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0078	EA Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	533.33	
01 56 16 00-0079	Temporary Floor Protection <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0080	SF 1/2" Plywood For Temporary Floor Protection.....	1.63	
01 56 16 00-0081	SF 3/4" Plywood For Temporary Floor Protection.....	1.99	
01 56 16 00-0082	LF 38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection.....	0.84	
01 56 16 00-0083	LF 36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection.....	0.27	
01 56 16 00-0084	CSF 3 Mil, Temporary Self-adhesive Carpet Protection Film.....	17.41	
01 56 16 00-0085	Sticky Mats <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0086	EA 18" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	22.73	14.30
01 56 16 00-0087	EA 18" x 46", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	25.91	16.68
01 56 16 00-0088	EA 24" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	25.91	16.68
01 56 16 00-0089	EA 25" x 45", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	33.85	22.64
01 56 16 00-0090	EA 36" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	37.03	25.02
01 56 16 00-0091	EA 36" x 46", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	40.21	27.41
01 56 16 00-0092	EA 36" x 60", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	79.93	57.20
01 56 16 00-0093	EA 36" x 72", 30 Layer Sticky Mat.....	95.18	
01 56 26	Temporary Fencing <small>(01 56)</small>		
01 56 26 00-0001	Temporary Fencing <small>(01 56 26)</small> Note: Per ASTM A392-06 Standards		
01 56 26 00-0002	Temporary Chain Link Fence <small>(01 56 26 00-0001)</small> Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003	Temporary Chain Link Fence, Up To 6 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0004	LF Temporary 4' High Chain Link Fence And Posts, Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	5.66	-0.14 -0.27 -0.41 1.60
01 56 26 00-0005	LF Temporary 6' High Chain Link Fence And Posts, Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.30	-0.15 -0.31 -0.46 2.55
01 56 26 00-0006	LF Temporary 8' High Chain Link Fence And Posts, Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.70	-0.26 -0.52 -0.78 3.60
01 56 26 00-0007	LF Temporary 10' High Chain Link Fence And Posts, Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	19.30	-0.77 -1.54 -2.31 4.75
01 56 26 00-0008	Temporary Chain Link Fence, >6 To 12 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0009	LF Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	5.94	-0.15 -0.30 -0.45 1.60
01 56 26 00-0010	LF Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.60	-0.17 -0.34 -0.51 2.55

01 General Requirements**01 50 Temporary Facilities And Controls****01 56 Temporary Barriers And Enclosures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0011	LF		Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months.....	9.21	
			<i>For >100 To 250, Deduct</i>	-0.28	
			<i>For >250 To 500, Deduct</i>	-0.57	
			<i>For >500, Deduct</i>	-0.85	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0012	LF		Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months.....	20.83	
			<i>For >100 To 250, Deduct</i>	-0.85	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500, Deduct</i>	-2.54	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0013			Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)		
01 56 26 00-0014	LF		Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months.....	6.24	
			<i>For >100 To 250, Deduct</i>	-0.17	
			<i>For >250 To 500, Deduct</i>	-0.33	
			<i>For >500, Deduct</i>	-0.50	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0015	LF		Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months.....	6.95	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.37	
			<i>For >500, Deduct</i>	-0.56	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0016	LF		Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	9.79	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.63	
			<i>For >500, Deduct</i>	-0.94	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0017	LF		Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months.....	22.53	
			<i>For >100 To 250, Deduct</i>	-0.93	
			<i>For >250 To 500, Deduct</i>	-1.86	
			<i>For >500, Deduct</i>	-2.80	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0018			Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)		
01 56 26 00-0019	LF		Temporary 4' High Chain Link Fence And Posts, >18 Months.....	6.57	
			<i>For >100 To 250, Deduct</i>	-0.18	
			<i>For >250 To 500, Deduct</i>	-0.36	
			<i>For >500, Deduct</i>	-0.54	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0020	LF		Temporary 6' High Chain Link Fence And Posts, >18 Months.....	7.30	
			<i>For >100 To 250, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.41	
			<i>For >500, Deduct</i>	-0.61	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0021	LF		Temporary 8' High Chain Link Fence And Posts, >18 Months.....	10.41	
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500, Deduct</i>	-1.03	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0022	LF		Temporary 10' High Chain Link Fence And Posts, >18 Months.....	24.39	
			<i>For >100 To 250, Deduct</i>	-1.03	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-3.08	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0023			Temporary Chain Link Fence Gates (01 56 26 00-0001)		
			Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0024			Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025			4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	228.24	
			<i>For Each LF Shade Cloth, Add</i>	12.93	
01 56 26 00-0027	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	386.84	
			<i>For Each LF Shade Cloth, Add</i>	32.33	
01 56 26 00-0028	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	433.40	
			<i>For Each LF Shade Cloth, Add</i>	38.80	
01 56 26 00-0029	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	493.17	
			<i>For Each LF Shade Cloth, Add</i>	48.50	
01 56 26 00-0030	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	591.05	
			<i>For Each LF Shade Cloth, Add</i>	64.67	
01 56 26 00-0031	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	657.51	
			<i>For Each LF Shade Cloth, Add</i>	77.60	
01 56 26 00-0032			6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	244.19	
			<i>For Each LF Shade Cloth, Add</i>	20.61	
01 56 26 00-0034	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	417.42	
			<i>For Each LF Shade Cloth, Add</i>	51.53	
01 56 26 00-0035	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	468.66	
			<i>For Each LF Shade Cloth, Add</i>	61.84	
01 56 26 00-0036	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	542.67	
			<i>For Each LF Shade Cloth, Add</i>	77.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0037 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	656.15 103.07	
01 56 26 00-0038 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	743.78 123.68	
01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	272.56 29.10	
01 56 26 00-0041 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	477.87 72.75	
01 56 26 00-0042 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	534.76 87.30	
01 56 26 00-0043 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	611.89 109.13	
01 56 26 00-0044 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	747.81 145.50	
01 56 26 00-0045 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	866.55 174.61	
01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	330.50 38.40	
01 56 26 00-0048 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	573.67 95.99	
01 56 26 00-0049 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	643.24 115.19	
01 56 26 00-0050 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	734.96 143.99	
01 56 26 00-0051 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	898.46 191.99	
01 56 26 00-0052 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Each LF Shade Cloth, Add</i>	1,036.40 230.38	
01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	236.90 12.93	
01 56 26 00-0056 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	400.31 32.33	
01 56 26 00-0057 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	448.79 38.80	
01 56 26 00-0058 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	510.49 48.50	
01 56 26 00-0059 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	612.22 64.67	
01 56 26 00-0060 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	680.61 77.60	
01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0062 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	253.24 20.61	
01 56 26 00-0063 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	431.50 51.53	
01 56 26 00-0064 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	484.76 61.84	
01 56 26 00-0065 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	560.78 77.30	
01 56 26 00-0066 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	678.29 103.07	
01 56 26 00-0067 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	767.93 123.68	
01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0069 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	282.52 29.10	
01 56 26 00-0070 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	493.36 72.75	
01 56 26 00-0071 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	552.47 87.30	
01 56 26 00-0072 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	631.81 109.13	
01 56 26 00-0073 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	772.16 145.50	
01 56 26 00-0074 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	893.11 174.61	
01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0076 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	342.95 38.40	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	593.04	
		<i>For Each LF Shade Cloth, Add</i>	95.99	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	665.38	
		<i>For Each LF Shade Cloth, Add</i>	115.19	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	759.86	
		<i>For Each LF Shade Cloth, Add</i>	143.99	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	928.89	
		<i>For Each LF Shade Cloth, Add</i>	191.99	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,069.60	
		<i>For Each LF Shade Cloth, Add</i>	230.38	
01 56 26 00-0082		Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0023)		
01 56 26 00-0083		4' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	245.99	
		<i>For Each LF Shade Cloth, Add</i>	12.93	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	414.45	
		<i>For Each LF Shade Cloth, Add</i>	32.33	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	464.96	
		<i>For Each LF Shade Cloth, Add</i>	38.80	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	528.68	
		<i>For Each LF Shade Cloth, Add</i>	48.50	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	634.45	
		<i>For Each LF Shade Cloth, Add</i>	64.67	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	704.86	
		<i>For Each LF Shade Cloth, Add</i>	77.60	
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	262.75	
		<i>For Each LF Shade Cloth, Add</i>	20.61	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	446.29	
		<i>For Each LF Shade Cloth, Add</i>	51.53	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	501.66	
		<i>For Each LF Shade Cloth, Add</i>	61.84	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	579.79	
		<i>For Each LF Shade Cloth, Add</i>	77.30	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	701.53	
		<i>For Each LF Shade Cloth, Add</i>	103.07	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	793.28	
		<i>For Each LF Shade Cloth, Add</i>	123.68	
01 56 26 00-0097		8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	292.98	
		<i>For Each LF Shade Cloth, Add</i>	29.10	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	509.63	
		<i>For Shade Cloth, Add</i>	72.75	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	571.06	
		<i>For Shade Cloth, Add</i>	87.30	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	652.72	
		<i>For Shade Cloth, Add</i>	109.13	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	797.72	
		<i>For Shade Cloth, Add</i>	145.50	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	921.00	
		<i>For Shade Cloth, Add</i>	174.61	
01 56 26 00-0104		10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	356.03	
		<i>For Each LF Shade Cloth, Add</i>	38.40	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	613.37	
		<i>For Each LF Shade Cloth, Add</i>	95.99	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	688.62	
		<i>For Each LF Shade Cloth, Add</i>	115.19	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	786.00	
		<i>For Each LF Shade Cloth, Add</i>	143.99	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	960.85	
		<i>For Each LF Shade Cloth, Add</i>	191.99	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,104.46	
		<i>For Each LF Shade Cloth, Add</i>	230.38	
01 56 26 00-0111		Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)		
01 56 26 00-0112		4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	255.09	
		<i>For Each LF Shade Cloth, Add</i>	12.93	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	428.60	
		<i>For Each LF Shade Cloth, Add</i>	32.33	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	481.13	
		<i>For Each LF Shade Cloth, Add</i>	38.80	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	546.86	
		<i>For Each LF Shade Cloth, Add</i>	48.50	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	656.68	
		<i>For Each LF Shade Cloth, Add</i>	64.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 26 00-0118	EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	729.11 77.60	
01 56 26 00-0119	6' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0120	EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	272.26 20.61	
01 56 26 00-0121	EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	461.08 51.53	
01 56 26 00-0122	EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	518.56 61.84	
01 56 26 00-0123	EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	598.81 77.30	
01 56 26 00-0124	EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	724.77 103.07	
01 56 26 00-0125	EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	818.63 123.68	
01 56 26 00-0126	8' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0127	EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	303.44 29.10	
01 56 26 00-0128	EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	525.90 72.75	
01 56 26 00-0129	EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	589.65 87.30	
01 56 26 00-0130	EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	673.64 109.13	
01 56 26 00-0131	EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	823.29 145.50	
01 56 26 00-0132	EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	948.89 174.61	
01 56 26 00-0133	10' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0134	EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	369.10 38.40	
01 56 26 00-0135	EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	633.71 95.99	
01 56 26 00-0136	EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	711.86 115.19	
01 56 26 00-0137	EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	812.15 143.99	
01 56 26 00-0138	EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	992.80 191.99	
01 56 26 00-0139	EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	1,139.32 230.38	
01 56 26 00-0140	Temporary Chain Link Fence Panels (Portable) <small>(01 56 26 00-0001)</small> Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141	Temporary Chain Link Fence Panels (Portable), Up To 6 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0142	LF Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.19 -0.16 -0.33 -0.49 1.60	
01 56 26 00-0143	LF Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.88 -0.18 -0.37 -0.55 2.55	
01 56 26 00-0144	LF Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	9.40 -0.29 -0.59 -0.88 3.60	
01 56 26 00-0145	Temporary Chain Link Fence Panels (Portable), >6 To 12 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0146	LF Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.47 -0.18 -0.35 -0.53 1.60	
01 56 26 00-0147	LF Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.18 -0.20 -0.40 -0.59 2.55	
01 56 26 00-0148	LF Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	9.91 -0.32 -0.64 -0.96 3.60	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 26 00-0149	Temporary Chain Link Fence Panels (Portable), >12 To 18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0150	LF Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	6.75	
	<i>For >100 To 250, Deduct</i>	-0.19	
	<i>For >250 To 500, Deduct</i>	-0.38	
	<i>For >500, Deduct</i>	-0.57	
	<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0151	LF Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	7.53	
	<i>For >100 To 250, Deduct</i>	-0.22	
	<i>For >250 To 500, Deduct</i>	-0.43	
	<i>For >500, Deduct</i>	-0.65	
	<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0152	LF Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	10.49	
	<i>For >100 To 250, Deduct</i>	-0.35	
	<i>For >250 To 500, Deduct</i>	-0.70	
	<i>For >500, Deduct</i>	-1.05	
	<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0153	Temporary Chain Link Fence Panels (Portable), >18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0154	LF Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	7.10	
	<i>For >100 To 250, Deduct</i>	-0.21	
	<i>For >250 To 500, Deduct</i>	-0.42	
	<i>For >500, Deduct</i>	-0.62	
	<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0155	LF Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	7.88	
	<i>For >100 To 250, Deduct</i>	-0.23	
	<i>For >250 To 500, Deduct</i>	-0.47	
	<i>For >500, Deduct</i>	-0.70	
	<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0156	LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	11.10	
	<i>For >100 To 250, Deduct</i>	-0.38	
	<i>For >250 To 500, Deduct</i>	-0.76	
	<i>For >500, Deduct</i>	-1.14	
	<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0157	Temporary Chain Link Fence Panels (Portable) Sandbags <small>(01 56 26 00-0140)</small>		
01 56 26 00-0158	BAG Temporary Chain Link Fence Panels (Portable) Sandbag.....	5.62	
	Note: Includes placement and removal.		
01 56 26 00-0159	Relocate Chain Link Fence, Gates And Panels <small>(01 56 26 00-0001)</small>		
	Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160	Relocate Temporary Chain Link Fence On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0161	LF Relocate Temporary 4' High Chain Link Fence And Posts	2.97	
01 56 26 00-0162	LF Relocate Temporary 6' High Chain Link Fence And Posts	4.45	
01 56 26 00-0163	LF Relocate Temporary 8' High Chain Link Fence And Posts	6.42	
01 56 26 00-0164	LF Relocate Temporary 10' High Chain Link Fence And Posts	7.91	
01 56 26 00-0165	Relocate Temporary Chain Link Fence Panels On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0166	LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.73	
01 56 26 00-0167	LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.88	
01 56 26 00-0168	LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	0.99	
01 56 26 00-0169	Relocate Temporary Chain Link Gates On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0170	EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts.....	95.36	
01 56 26 00-0171	EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts.....	110.03	
01 56 26 00-0172	EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts.....	135.71	
01 56 26 00-0173	EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....	146.71	
01 56 26 00-0174	Temporary Safety Fence <small>(01 56 26)</small>		
	Note: Includes removal after use.		
01 56 26 00-0175	LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	2.63	
01 56 29	Temporary Protective Walkways <small>(01 56)</small>		
01 56 29 00-0001	Temporary Sidewalk Bridge Protection <small>(01 56 29)</small>		
	Note: Includes removal after use.		
01 56 29 00-0002	Installation of Sidewalk Bridge <small>(01 56 29 00-0001)</small>		
01 56 29 00-0003	LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	147.20	
	Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
	<i>For 3 Post System, Add</i>	6.00	
	<i>For Each Additional Foot Over 8' Wide, Add</i>	3.00	
	<i>For Each Additional Foot Over 8' High, Add</i>	2.00	
01 56 29 00-0004	LF Installation of Netting for Sidewalk Bridge.....	3.75	
01 56 29 00-0005	Monthly Rental of Sidewalk Bridge <small>(01 56 29 00-0001)</small>		

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01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	8.68	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.30	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	9.77	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.47	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	10.85	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.63	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	10.85	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.63	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	11.93	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.79	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	14.12	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.12	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	13.03	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	1.95	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	15.20	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.28	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	16.27	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.44	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge.....	1.63	

01 56 29 00-0016 Removal of Sidewalk Bridge (01 56 29 00-0001)

01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	30.64	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	2.50	
		For Each Additional Foot Over 8' Wide, Add	1.25	
		For Each Additional Foot Over 8' High, Add	0.75	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge.....	1.88	

01 56 29 00-0019 Safety Nets (01 56 29)

Note: Includes removal after use.				
01 56 29 00-0020	SF	Small Mesh Debris Netting.....	1.50	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		

01 56 33 Temporary Security Barriers (01 56)

01 56 33 00-0001 Board-up Opening With Plywood (01 56 33)

Note: For use where directed by owner for boarding up door and window openings.				
01 56 33 00-0002	OPN	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day.....	11.00	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	6.70	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	7.77	

01 56 33 00-0005 Temporary Pedestrian Barricade (01 56 33)

Note: Portable, interlocking galvanized steel fence with pivoting legs.				
01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	8.09	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	19.64	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	58.93	

01 56 39 Temporary Tree And Plant Protection (01 56)

01 56 39 00-0001 Temporary Tree Guards (01 56 39)

Note: Includes digging holes and removal after use.				
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	146.41	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	170.09	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	184.08	

01 57 Temporary Controls (01 50)

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

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

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

01 General Requirements**01 50 Temporary Facilities And Controls****01 57 Temporary Controls**
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See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001	Temporary Drain Guard (01 57 23)		
	Note: Includes removal after use.		
01 57 23 00-0002	EA 36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227).....	71.41	
01 57 23 00-0003	EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217).....	70.22	
	Note: Up to 0.87 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0004	EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219).....	86.96	
	Note: Up to 1.38 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0005	EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356).....	85.76	
	Note: Up to 1.55 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0006	EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358).....	103.70	
	Note: Up to 2.06 gallons oil, up to 40 lbs sediment.		

01 58 Project Identification (01 50)

Note: Includes removal after use.

01 58 13 Temporary Project Signage (01 58)

01 58 13 00-0001	Project Sign (01 58 13)		
01 58 13 00-0002	MDO Plywood Signs (01 58 13 00-0001)		
	Note: Excludes posts.		
01 58 13 00-0003	Reflectorized, MDO Plywood Signs (01 58 13 00-0002)		
01 58 13 00-0004	Engineer Grade, Reflectorized, MDO Plywood Signs (01 58 13 00-0003)		
01 58 13 00-0005	EA Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	111.95	20.17
	For High-Intensity Grade, Add	25.06	
	For Diamond Grade, Add	48.33	
01 58 13 00-0006	EA >8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	185.39	21.09
	For High-Intensity Grade, Add	50.12	
	For Diamond Grade, Add	96.66	
01 58 13 00-0007	EA >16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	258.81	22.01
	For High-Intensity Grade, Add	75.18	
	For Diamond Grade, Add	144.98	
01 58 13 00-0008	EA >24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	332.24	22.93
	For High-Intensity Grade, Add	100.24	
	For Diamond Grade, Add	193.31	
01 58 13 00-0009	SF >32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	10.41	0.73
	For High-Intensity Grade, Add	3.13	
	For Diamond Grade, Add	6.04	
01 58 13 00-0010	Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0002)		
01 58 13 00-0011	One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)		
01 58 13 00-0012	EA Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	137.49	20.17
01 58 13 00-0013	EA >8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	162.51	21.09
01 58 13 00-0014	EA >16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	201.32	22.01
01 58 13 00-0015	EA >24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	237.99	22.93
01 58 13 00-0016	SF >32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	7.46	0.73
01 58 13 00-0017	Full Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)		
01 58 13 00-0018	EA Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	140.22	20.17
01 58 13 00-0019	EA >8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	177.26	21.09
01 58 13 00-0020	EA >16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	216.30	22.01
01 58 13 00-0021	EA >24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	250.83	22.93
01 58 13 00-0022	SF >32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	7.87	0.73
01 58 13 00-0023	Fabricate And Install New Posts (01 58 13 00-0001)		
	Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF Galvanized Metal Channel Sign Posts	11.54	
01 58 13 00-0025	LF 4" x 4" Pressure Treated Wood Sign Posts	10.59	
01 58 13 00-0026	LF 4" x 6" Pressure Treated Wood Sign Posts	12.26	
01 58 13 00-0027	Owner Supplied Signs (01 58 13 00-0001)		
01 58 13 00-0028	EA Installation And Removal Of Owner Supplied Project Sign	73.36	

01 60 Product Requirements (01)**01 66 Product Storage And Handling Requirements** (01 60)**01 66 19 Product Handling Requirements** (01 66)

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

01 66 19 00-0001	Transfer Delivered Materials Between Floors (01 66 19)		
	Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002	CY Transfer Delivered Material Between Floors Via Stairs, Per Floor	14.11	
	Note: Quantity equals volume of materials multiplied by number of floors traveled.		
01 66 19 00-0003	CY Transfer Delivered Material Between Floors Via Elevator, Per Trip	9.17	
	Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		

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01 66 19 00-004	CY	Transfer Delivered Material Between Floors Via Freight Elevator, Per Trip.....	13.35
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.			
01 66 19 00-005 Transfer Delivered Materials Distances Greater Than 125' <small>(01 66 19)</small>			
Note: For moving delivered, owner supplied or existing materials in a building.			
01 66 19 00-006	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	5.73
01 66 19 00-007	CY	Transfer Delivered Material With 2 CY Cart Greater Than 125', Per CY Of Material Per 125'	22.93
Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.			
01 66 19 00-008 Transfer Demolition Debris Between Floors <small>(01 66 19)</small>			
Note: Only for use with demolition tasks.			
01 66 19 00-009	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor	14.11
Note: Quantity equals material volume times bulk factor times number of floors traveled.			
01 66 19 00-010	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip	9.17
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.			
01 66 19 00-011	CY	Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip	12.03
01 66 19 00-012 Transfer Demolition Debris Distances Greater Than 125' <small>(01 66 19)</small>			
Note: Only for use with demolition tasks.			
01 66 19 00-013	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	5.73
01 66 19 00-014 Moving Furniture And Furnishings <small>(01 66 19)</small>			
Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.			
01 66 19 00-015	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings.....	0.91
Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.			

01 70 Execution And Closeout Requirements (01)

01 71 Examination And Preparation (01 70)

01 71 13 Mobilization (01 71)

01 71 13 00-0001 Equipment Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small>			
Note: Excludes flagman for traffic control where necessary.			
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	244.97
Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.			
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....	735.46
Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.			
01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small>			
Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.			
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane.....	391.94
Note: Includes delivery and pickup.			
For >30 To 60 Miles Radius, Add			97.99
For >60 To 100 Miles Radius, Add			156.78
01 71 13 00-0006	EA	20 To 30 Ton Lift Move On/Off Cost, Hydraulic Crane	636.91
Note: Includes delivery and pickup.			
For >30 To 60 Miles Radius, Add			159.23
For >60 To 100 Miles Radius, Add			254.76
01 71 13 00-0007	EA	40 To 50 Ton Lift Move On/Off Cost, Hydraulic Crane	881.88
Note: Includes delivery and pickup.			
For >30 To 60 Miles Radius, Add			220.47
For >60 To 100 Miles Radius, Add			352.75
01 71 13 00-0008	EA	70 To 100 Ton Lift Move On/Off Cost, Hydraulic Crane	1,420.81
Note: Includes delivery and pickup.			
For >30 To 60 Miles Radius, Add			355.20
For >60 To 100 Miles Radius, Add			568.32
01 71 13 00-0009	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	1,126.84
Note: Includes delivery, rigging and pickup.			
For >30 To 60 Miles Radius, Add			281.71
For >60 To 100 Miles Radius, Add			450.74
01 71 13 00-0010	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	1,812.75
Note: Includes delivery, rigging and pickup.			
For >30 To 60 Miles Radius, Add			453.19
For >60 To 100 Miles Radius, Add			725.10
01 71 13 00-0011	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....	2,283.09
Note: Includes delivery, rigging and pickup.			
For >30 To 60 Miles Radius, Add			570.77
For >60 To 100 Miles Radius, Add			913.24

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01 71 13 00-0012	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	2,831.82
		Note: Includes delivery, rigging and pickup.	
		For >30 To 60 Miles Radius, Add	707.96
		For >60 To 100 Miles Radius, Add	1,132.73
01 71 13 00-0013	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	4,115.44
		Note: Includes delivery, rigging and pickup.	
		For >30 To 60 Miles Radius, Add	1,028.86
		For >60 To 100 Miles Radius, Add	1,646.18
01 71 13 00-0014	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	5,879.21
		Note: Includes delivery, rigging and pickup.	
		For >30 To 60 Miles Radius, Add	1,469.80
		For >60 To 100 Miles Radius, Add	2,351.68
01 71 13 00-0015	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane	8,083.91
		Note: Includes delivery, rigging and pickup.	
		For >30 To 60 Miles Radius, Add	2,020.98
		For >60 To 100 Miles Radius, Add	3,233.56

01 71 23 Field Engineering (01 71)

01 71 23 16 Construction Surveying (01 71 23)

01 71 23 16-0001 Conventional Topographic Survey (01 71 23 16)

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

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles.....	935.60
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	2,709.84
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	3,883.97
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	5,899.50
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	7,408.31

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

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

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.25
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	2.61
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land.....	3.05

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

01 71 23 16-0012	EA	3' Precast Survey Monument.....	133.79
		For Owner Furnished Monument, Deduct	-63.63
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover.....	196.95
01 71 23 16-0014	EA	Riser Ring For Survey Monument.....	98.65
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	190.90

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

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors).....	6.21
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01 71 36 Non-Destructive Concrete Examination (01 71)

01 71 36 00-0001 Electromagnetic Survey (01 71 36)

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)

01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	650.64
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	975.96
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,951.92

01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)

01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	216.88
		Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	433.76
		Note: Includes GPS coordinates of located items and reference items.	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	975.96
		Note: Includes additions to the owner provided CAD drawing.	

01 74 Cleaning And Waste Management (01 70)

01 74 13 Progress Cleaning (01 74)

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

01 74 13 00-0001 General (01 74 13)

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	18.36
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster	21.48
		Note: Per CY of debris removed.	

		General Requirements	01
		Execution And Closeout Requirements	01 70
		Cleaning And Waste Management	01 74
MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST

01 74 13 00-004 CSF Wet Mop, Disinfect And High Efficiency Particulate Air (HEPA) Vacuum Floors (Three Step Process) 17.18
 Note: For use in contained areas for Class III or IV infection control.

01 74 16 Site Maintenance (01 74)

01 74 16 00-001 Parking Lot, Roads And Pathway Maintenance (01 74 16)
 Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog®.

01 74 16 00-002 Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)

01 74 16 00-003 MSF Sweep Parking Lot, With Street Sweeper..... 18.05
 01 74 16 00-004 MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads..... 21.67

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

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

01 74 19 00-001 Debris Chutes (01 74 19)
 Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-002 Steel Temporary Debris Chutes (01 74 19 00-0001)

01 74 19 00-003 LF 18" Diameter, Steel Temporary Debris Chute..... 29.33
 01 74 19 00-004 LF 30" Diameter, Steel Temporary Debris Chute..... 43.67

01 74 19 00-005 Plastic Temporary Debris Chutes (01 74 19 00-0001)

01 74 19 00-006 LF 24" Diameter, Plastic Temporary Debris Chute 11.60
 For Steel Liner, Add 2.19
 01 74 19 00-007 LF 30" Diameter, Plastic Temporary Debris Chute 13.27
 For Steel Liner, Add 2.51
 01 74 19 00-008 LF 36" Diameter, Plastic Temporary Debris Chute 14.95
 For Steel Liner, Add 2.83

01 74 19 00-009 Wood Temporary Debris Chutes (01 74 19 00-0001)

01 74 19 00-010 LF 4' x 4', Wood Temporary Debris Chute..... 21.82
 Note: Includes fabrication and installation.

01 74 19 00-0011 Construction Dumpsters Rental (01 74 19)

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012 EA 10 CY Dumpster (1 Ton) "Construction Debris" 494.99
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.
 For Each Ton Over Indicated Amount, Add 85.00

01 74 19 00-0013 EA 15 CY Dumpster (1.5 Ton) "Construction Debris" 537.49
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.
 For Each Ton Over Indicated Amount, Add 85.00

01 74 19 00-0014 EA 20 CY Dumpster (2 Ton) "Construction Debris" 555.00
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.
 For Each Ton Over Indicated Amount, Add 85.00

01 74 19 00-0015 EA 30 CY Dumpster (3 Ton) "Construction Debris" 600.00
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.
 For Each Ton Over Indicated Amount, Add 85.00

01 74 19 00-0016 EA 40 CY Dumpster (4 Ton) "Construction Debris" 714.98
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.
 For Each Ton Over Indicated Amount, Add 85.00

01 74 19 00-0017 EA 10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" 714.98
 Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.

01 74 19 00-0018 EA 15 CY Low-Boy Dumpster Clean Recyclable..... 684.34
 Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.

01 74 19 00-0019 EA 15 CY Low-Boy Dumpster Mixed Recyclable 735.41
 Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.

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

01 74 19 00-0021 MO Ramplless Concrete Washout Bin 477.62
 Note: Includes delivery.

01 74 19 00-0022 MO Ramped Concrete Washout Bin 573.15
 Note: Includes delivery.

01 74 19 00-0023 EA Interim Vacuum Service, Concrete Washout Bin 358.02
 Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.

01 74 19 00-0024 EA Vacuum, Pickup, Swap And Dump, Concrete Washout Bin 775.71
 Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.

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

01 General Requirements**01 70 Execution And Closeout Requirements****01 74 Cleaning And Waste Management**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 74 19 00-0026	Material Recycling Fees <small>(01 74 19 00-0025)</small>		
	Note: Not to be used with Dumpster Tasks which include the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0027	CY Drop-Off Asphalt At Recycling Center.....		15.44
01 74 19 00-0028	CY Drop-Off Non Reinforced Concrete At Recycling Center		20.69
01 74 19 00-0029	CY Drop-Off Reinforced Concrete At Recycling Center.....		31.03
01 74 19 00-0030	CY Drop-Off Brick Or Block At Recycling Center		26.90
01 74 19 00-0031	CY Drop-Off Dirt At Recycling Center.....		30.00
01 74 19 00-0032	CY Drop-Off Dimensional Lumber At Recycling Center		28.97
01 74 19 00-0033	Landfill Dump Fees <small>(01 74 19 00-0025)</small>		
	Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0034	CY Traditional Building Construction Materials Landfill Dump Fee.....		13.77
01 74 19 00-0035	TON Traditional Building Construction Materials, Landfill Dump Fee.....		60.00
01 74 19 00-0036	CY Trees, Stumps And Brush, Landfill Dump Fee		16.57
01 74 19 00-0037	CY Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee		39.52
01 74 19 00-0038	CY Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee		28.08
01 74 19 00-0039	Hauling <small>(01 74 19)</small>		
	Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0040	CYM Hauling On Paved Roads, First 15 Miles		0.74
01 74 19 00-0041	CYM Hauling On Paved Roads, Miles Over Initial 15 Miles.....		0.49
01 74 19 00-0042	CYM Hauling On Unimproved Roads, First 15 Miles		1.14
01 74 19 00-0043	CYM Hauling On Unimproved Roads, Miles Over Initial 15 Miles.....		0.89
01 74 23	Final Cleaning <small>(01 74)</small>		
01 74 23 00-0001	Cleaning Of Glass <small>(01 74 23)</small>		
01 74 23 00-0002	CSF Cleaning Of Existing Glass Surfaces		24.17

01 90 Life Cycle Activities (01)**01 91 Commissioning** (01 90)**01 91 13 General Commissioning Requirements** (01 91)

01 91 13 00-0001	Commissioning Of Systems <small>(01 91 13)</small>		
	Note: For use with commissioning of mechanical and electrical systems.		
01 91 13 00-0002	HR Commissioning - Fire Protection Sprinkler Systems		156.40
01 91 13 00-0003	HR Commissioning - Plumbing Systems.....		202.25
01 91 13 00-0004	HR Commissioning - HVAC/Mechanical Systems		227.53
01 91 13 00-0005	HR Commissioning - Electrical/Fire Alarms/Security Systems.....		208.60

END OF SECTION 01

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 Existing Conditions

02 20 Assessment ⁽⁰²⁾

02 25 Existing Material Assessment ^(02 20)

02 25 16 Existing Concrete, Masonry Or Asphalt Assessment ^(02 25)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling ^(02 25 16)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation ⁽⁰²⁾

02 32 Geotechnical Investigations ^(02 30)

02 32 13 Subsurface Drilling And Sampling ^(02 32)

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew ^(02 32 13)

02 32 13 00-0002 EA Mobilization Of Drilling Crew 941.53

02 32 13 00-0003 Auger Borings ^(02 32 13)

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals 28.36

02 32 13 00-0005 Cased Borings In Earth, With Samples ^(02 32 13)

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples 64.89

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 110.92

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") ^(02 32 13)

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing 69.71

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 6.20

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") ^(02 32 13)

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing 89.85

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 7.13

02 32 13 00-0014 Test Pits For Boring Activities ^(02 32 13)

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits ^(02 32 13 00-0014)

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation 56.15

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 65.51

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 87.35

02 32 13 00-0019 Shelby Tube Sampling ^(02 32 13)

02 32 13 00-0020 EA Shelby Tube Sampling 31.27

02 32 13 00-0021 EA Penetration Test 25.48

02 32 13 00-0022 Grouting ^(02 32 13)

02 32 13 00-0023 VLF Boreholes 5.93

02 32 19 Exploratory Excavations ^(02 32)

02 32 19 00-0001 Hydro Excavation ^(02 32 19)

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Mobilization/Demobilization 105.35

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge 421.42

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

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) 35.11

Note: Normal soil conditions consist of silt, sand and gravel.

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) 56.18

Note: Adverse soil conditions consist of clay, glacial till and rocks.

02 40 Demolition And Structure Moving ⁽⁰²⁾

02 41 Demolition ^(02 40)

02 41 13 Selective Site Demolition ^(02 41)

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

02 41 13 13 Paving Removal (02 41 13)

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

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

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

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	5.79
		For >500 To 1,000, Deduct	-0.58
		For >1,000 To 2,500, Deduct	-1.04
		For >2,500 To 5,000, Deduct	-1.51
		For >5,000 To 10,000, Deduct	-1.97
		For >10,000, Deduct	-2.43
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	8.68
		For >500 To 1,000, Deduct	-0.87
		For >1,000 To 2,500, Deduct	-1.56
		For >2,500 To 5,000, Deduct	-2.26
		For >5,000 To 10,000, Deduct	-2.95
		For >10,000, Deduct	-3.65
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	11.58
		For >500 To 1,000, Deduct	-1.16
		For >1,000 To 2,500, Deduct	-2.08
		For >2,500 To 5,000, Deduct	-3.01
		For >5,000 To 10,000, Deduct	-3.94
		For >10,000, Deduct	-4.86
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	9.99
		For >500 To 1,000, Deduct	-1.00
		For >1,000 To 2,500, Deduct	-1.80
		For >2,500 To 5,000, Deduct	-2.60
		For >5,000 To 10,000, Deduct	-3.40
		For >10,000, Deduct	-4.20
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	14.11
		For >500 To 1,000, Deduct	-1.41
		For >1,000 To 2,500, Deduct	-2.54
		For >2,500 To 5,000, Deduct	-3.67
		For >5,000 To 10,000, Deduct	-4.80
		For >10,000, Deduct	-5.93
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	19.98
		For >500 To 1,000, Deduct	-2.00
		For >1,000 To 2,500, Deduct	-3.60
		For >2,500 To 5,000, Deduct	-5.19
		For >5,000 To 10,000, Deduct	-6.79
		For >10,000, Deduct	-8.39
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving.....	28.20
		For >500 To 1,000, Deduct	-2.82
		For >1,000 To 2,500, Deduct	-5.08
		For >2,500 To 5,000, Deduct	-7.33
		For >5,000 To 10,000, Deduct	-9.59
		For >10,000, Deduct	-11.84
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving.....	36.88
		For >500 To 1,000, Deduct	-3.69
		For >1,000 To 2,500, Deduct	-6.64
		For >2,500 To 5,000, Deduct	-9.59
		For >5,000 To 10,000, Deduct	-12.54
		For >10,000, Deduct	-15.49
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving.....	47.95
		For >500 To 1,000, Deduct	-4.80
		For >1,000 To 2,500, Deduct	-8.63
		For >2,500 To 5,000, Deduct	-12.47
		For >5,000 To 10,000, Deduct	-16.30
		For >10,000, Deduct	-20.14

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

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 13 13-0032 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving.....	1.45
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.84
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.44
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.82
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.32
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving	3.05

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

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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0019 SY Up To 3" By Machine, Break-up And Remove Bituminous Paving	11.15	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	3.35	
For Elevated Slab, Add	5.58	
For >500 To 1,000, Deduct	-1.12	
For >1,000 To 2,500, Deduct	-2.01	
For >2,500 To 5,000, Deduct	-2.90	
For >5,000 To 10,000, Deduct	-3.79	
For >10,000, Deduct	-4.68	
02 41 13 13-0020 SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	15.22	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.57	
For Elevated Slab, Add	7.61	
For >500 To 1,000, Deduct	-1.52	
For >1,000 To 2,500, Deduct	-2.74	
For >2,500 To 5,000, Deduct	-3.96	
For >5,000 To 10,000, Deduct	-5.17	
For >10,000, Deduct	-6.39	
02 41 13 13-0021 SY Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	12.82	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	3.85	
For Elevated Slab, Add	6.41	
For >500 To 1,000, Deduct	-1.28	
For >1,000 To 2,500, Deduct	-2.31	
For >2,500 To 5,000, Deduct	-3.33	
For >5,000 To 10,000, Deduct	-4.36	
For >10,000, Deduct	-5.38	
02 41 13 13-0022 SY >3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	16.78	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.03	
For Elevated Slab, Add	8.39	
For >500 To 1,000, Deduct	-1.68	
For >1,000 To 2,500, Deduct	-3.02	
For >2,500 To 5,000, Deduct	-4.36	
For >5,000 To 10,000, Deduct	-5.71	
For >10,000, Deduct	-7.05	
02 41 13 13-0023 SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	17.02	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.11	
For Elevated Slab, Add	8.51	
For >500 To 1,000, Deduct	-1.70	
For >1,000 To 2,500, Deduct	-3.06	
For >2,500 To 5,000, Deduct	-4.43	
For >5,000 To 10,000, Deduct	-5.79	
For >10,000, Deduct	-7.15	
02 41 13 13-0024 SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	22.05	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.62	
For Elevated Slab, Add	11.03	
For >500 To 1,000, Deduct	-2.21	
For >1,000 To 2,500, Deduct	-3.97	
For >2,500 To 5,000, Deduct	-5.73	
For >5,000 To 10,000, Deduct	-7.50	
For >10,000, Deduct	-9.26	
02 41 13 13-0025 SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	36.56	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	10.97	
For Elevated Slab, Add	18.28	
For >500 To 1,000, Deduct	-3.66	
For >1,000 To 2,500, Deduct	-6.58	
For >2,500 To 5,000, Deduct	-9.51	
For >5,000 To 10,000, Deduct	-12.43	
For >10,000, Deduct	-15.36	
02 41 13 13-0026 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	18.46	
For Elevated Slab, Add	9.23	
For >500 To 1,000, Deduct	-1.85	
For >1,000 To 2,500, Deduct	-3.32	
For >2,500 To 5,000, Deduct	-4.80	
For >5,000 To 10,000, Deduct	-6.28	
For >10,000, Deduct	-7.75	
02 41 13 13-0027 SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	23.73	
For Elevated Slab, Add	11.87	
For >500 To 1,000, Deduct	-2.37	
For >1,000 To 2,500, Deduct	-4.27	
For >2,500 To 5,000, Deduct	-6.17	
For >5,000 To 10,000, Deduct	-8.07	
For >10,000, Deduct	-9.97	
02 41 13 13-0028 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	42.44	
For Elevated Slab, Add	21.22	
For >500 To 1,000, Deduct	-4.24	
For >1,000 To 2,500, Deduct	-7.64	
For >2,500 To 5,000, Deduct	-11.03	
For >5,000 To 10,000, Deduct	-14.43	
For >10,000, Deduct	-17.82	
02 41 13 13-0029 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	55.38	
For Elevated Slab, Add	27.69	
For >500 To 1,000, Deduct	-5.54	
For >1,000 To 2,500, Deduct	-9.97	
For >2,500 To 5,000, Deduct	-14.40	
For >5,000 To 10,000, Deduct	-18.83	
For >10,000, Deduct	-23.26	
02 41 13 13-0030 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	72.40	
For Elevated Slab, Add	36.20	
For >500 To 1,000, Deduct	-7.24	
For >1,000 To 2,500, Deduct	-13.03	
For >2,500 To 5,000, Deduct	-18.82	
For >5,000 To 10,000, Deduct	-24.62	
For >10,000, Deduct	-30.41	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	87.87
		<i>For Elevated Slab, Add</i>	43.94
		<i>For >500 To 1,000, Deduct</i>	-8.79
		<i>For >1,000 To 2,500, Deduct</i>	-15.82
		<i>For >2,500 To 5,000, Deduct</i>	-22.85
		<i>For >5,000 To 10,000, Deduct</i>	-29.88
		<i>For >10,000, Deduct</i>	-36.91
02 41 13 13-0032		By Hand, Break-up And Remove Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
		Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	3.24
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	4.27
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving.....	5.55
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving.....	4.06
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving.....	5.61
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving.....	7.17
02 41 13 13-0039	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	5.68
02 41 13 13-0040	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	7.84
02 41 13 13-0041	SF	>6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	10.05
02 41 13 13-0042		Grind Concrete <small>(02 41 13 13)</small>	
02 41 13 13-0043	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard)	198.11
		Note: For each location up to 5' wide, feather up to 12" each direction.	
		<i>For >1/2" To 1" Depth Of Grinding, Add</i>	29.72
		<i>For >1" To 1-1/2" Depth Of Grinding, Add</i>	49.53
		<i>For Up To 5, Add</i>	39.62
		<i>For >5 To 10, Add</i>	19.81
		<i>For >25 To 50, Deduct</i>	-19.81
		<i>For >50 To 250, Deduct</i>	-29.72
		<i>For >250, Deduct</i>	-39.62
		<i>For Sidewalks >5', Add</i>	19.81
		<i>For Up To 12" Additional Feathering Per Side, Add</i>	19.81
02 41 13 15		Hydro Demolition <small>(02 41 13)</small>	
02 41 13 15-0001		Hydro Demolition Of Concrete Pavement <small>(02 41 13 15)</small>	
		Note: Includes removal but excludes disposal of concrete.	
02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	5.76
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	7.21
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	9.61
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	19.23
02 41 16		Structure Demolition <small>(02 41)</small>	
02 41 16 13		Building Demolition <small>(02 41 16)</small>	
02 41 16 13-0001		Building Interior Demolition <small>(02 41 16 13)</small>	
		Note: Gutted and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.	
02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	6.32
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	9.55
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	7.81
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	6.95
02 41 16 13-0006		Commercial And Residential Structures Demolition <small>(02 41 16 13)</small>	
		Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.	
02 41 16 13-0007		Steel Framed Building Demolition <small>(02 41 16 13-0006)</small>	
		Note: Includes masonry partitions and concrete decks.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0008 CCF By Pneumatic Tools/Hand, Steel Framed Building Demolition	58.05	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.35	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-8.71	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-13.06	
For Up To 500, Add	17.42	
For >500 To 1,000, Add	11.61	
For >1,000 To 2,000, Add	5.81	
For Volume Of Area Within 15' To An Adjacent Building, Add	19.16	
For No Interior Partitions, Deduct	-14.51	
02 41 16 13-0009 CCF By Machine, Steel Framed Building Demolition	36.28	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.72	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-5.44	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-8.16	
For Up To 500, Add	10.88	
For >500 To 1,000, Add	7.26	
For >1,000 To 2,000, Add	3.63	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	5.44	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	9.07	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	12.70	
For Volume Of Area Within 15' To An Adjacent Building, Add	11.97	
For No Interior Partitions, Deduct	-9.07	
02 41 16 13-0010 Reinforced Concrete Building Demolition (02 41 16 13-0006)		
02 41 16 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	72.84	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-5.46	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-10.93	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-16.39	
For Up To 500, Add	21.85	
For >500 To 1,000, Add	14.57	
For >1,000 To 2,000, Add	7.28	
For Volume Of Area Within 15' To An Adjacent Building, Add	24.04	
For No Interior Partitions, Deduct	-18.21	
02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition	47.90	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.59	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-7.19	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-10.78	
For Up To 500, Add	14.37	
For >500 To 1,000, Add	9.58	
For >1,000 To 2,000, Add	4.79	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	7.19	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	11.98	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	16.77	
For Volume Of Area Within 15' To An Adjacent Building, Add	15.81	
For No Interior Partitions, Deduct	-11.98	
02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition	51.19	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.84	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-7.68	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-11.52	
For Up To 500, Add	15.36	
For >500 To 1,000, Add	10.24	
For >1,000 To 2,000, Add	5.12	
For Volume Of Area Within 15' To An Adjacent Building, Add	16.89	
For No Interior Partitions, Deduct	-12.80	
02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition	32.55	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.44	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-4.88	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-7.32	
For Up To 500, Add	9.77	
For >500 To 1,000, Add	6.51	
For >1,000 To 2,000, Add	3.26	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	4.88	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	8.14	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	11.39	
For Volume Of Area Within 15' To An Adjacent Building, Add	10.74	
For No Interior Partitions, Deduct	-8.14	
02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	44.49	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.34	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-6.67	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-10.01	
For Up To 500, Add	13.35	
For >500 To 1,000, Add	8.90	
For >1,000 To 2,000, Add	4.45	
For Volume Of Area Within 15' To An Adjacent Building, Add	14.68	
For No Interior Partitions, Deduct	-11.12	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0018	CCF		By Machine, Wood Frame Construction Building Demolition.....	27.86	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-2.09	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-4.18	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-6.27	
			<i>For Up To 500, Add</i>	8.36	
			<i>For >500 To 1,000, Add</i>	5.57	
			<i>For >1,000 To 2,000, Add</i>	2.79	
			<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	4.18	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	9.19	
			<i>For No Interior Partitions, Deduct</i>	-6.97	
02 41 16 13-0019			Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)		
			Note: Per building volume.		
02 41 16 13-0020	CCF		Sorting Of Material Debris For Recycling Prior To Hauling Off.....	8.06	
			<i>For Up To 500, Add</i>	2.42	
			<i>For >500 To 1,000, Add</i>	1.61	
			<i>For >1,000 To 2,000, Add</i>	0.81	
02 41 16 13-0021			Foundation Demolition (02 41 16 13)		
			Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.		
02 41 16 13-0022			Concrete Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0023	CF		Non Reinforced Concrete Foundation Demolition.....	12.28	
			<i>For >135 To 405, Deduct</i>	-1.07	
			<i>For >405 To 810, Deduct</i>	-2.15	
			<i>For >810 To 2025, Deduct</i>	-3.07	
			<i>For >2025, Deduct</i>	-4.91	
02 41 16 13-0024	CF		Reinforced Concrete Foundation Demolition.....	14.74	
			<i>For >135 To 405, Deduct</i>	-1.29	
			<i>For >405 To 810, Deduct</i>	-2.58	
			<i>For >810 To 2025, Deduct</i>	-3.69	
			<i>For >2025, Deduct</i>	-5.90	
02 41 16 13-0025			Concrete Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0026	SF		4" Thick Non Reinforced Concrete Foundation Wall Demolition.....	5.27	
			<i>For >500 To 2,000, Deduct</i>	-0.40	
			<i>For >2,000 To 6,000, Deduct</i>	-1.05	
			<i>For >6,000 To 8,000, Deduct</i>	-1.84	
			<i>For >8,000, Deduct</i>	-2.90	
02 41 16 13-0027	SF		6" Thick Non Reinforced Concrete Foundation Wall Demolition.....	7.03	
			<i>For >500 To 2,000, Deduct</i>	-0.53	
			<i>For >2,000 To 6,000, Deduct</i>	-1.41	
			<i>For >6,000 To 8,000, Deduct</i>	-2.46	
			<i>For >8,000, Deduct</i>	-3.87	
02 41 16 13-0028	SF		8" Thick Non Reinforced Concrete Foundation Wall Demolition.....	8.77	
			<i>For >500 To 2,000, Deduct</i>	-0.66	
			<i>For >2,000 To 6,000, Deduct</i>	-1.75	
			<i>For >6,000 To 8,000, Deduct</i>	-3.07	
			<i>For >8,000, Deduct</i>	-4.82	
02 41 16 13-0029	SF		10" Thick Non Reinforced Concrete Foundation Wall Demolition.....	10.53	
			<i>For >500 To 2,000, Deduct</i>	-0.79	
			<i>For >2,000 To 6,000, Deduct</i>	-2.11	
			<i>For >6,000 To 8,000, Deduct</i>	-3.69	
			<i>For >8,000, Deduct</i>	-5.79	
02 41 16 13-0030	SF		12" Thick Non Reinforced Concrete Foundation Wall Demolition.....	12.28	
			<i>For >500 To 2,000, Deduct</i>	-0.92	
			<i>For >2,000 To 6,000, Deduct</i>	-2.46	
			<i>For >6,000 To 8,000, Deduct</i>	-4.30	
			<i>For >8,000, Deduct</i>	-6.75	
02 41 16 13-0031	SF		16" Thick Non Reinforced Concrete Foundation Wall Demolition.....	14.04	
			<i>For >500 To 2,000, Deduct</i>	-1.05	
			<i>For >2,000 To 6,000, Deduct</i>	-2.81	
			<i>For >6,000 To 8,000, Deduct</i>	-4.91	
			<i>For >8,000, Deduct</i>	-7.72	
02 41 16 13-0032	SF		4" Thick Reinforced Concrete Foundation Wall Demolition.....	6.32	
			<i>For >500 To 2,000, Deduct</i>	-0.47	
			<i>For >2,000 To 6,000, Deduct</i>	-1.26	
			<i>For >6,000 To 8,000, Deduct</i>	-2.21	
			<i>For >8,000, Deduct</i>	-3.48	
02 41 16 13-0033	SF		6" Thick Reinforced Concrete Foundation Wall Demolition.....	8.43	
			<i>For >500 To 2,000, Deduct</i>	-0.63	
			<i>For >2,000 To 6,000, Deduct</i>	-1.69	
			<i>For >6,000 To 8,000, Deduct</i>	-2.95	
			<i>For >8,000, Deduct</i>	-4.64	
02 41 16 13-0034	SF		8" Thick Reinforced Concrete Foundation Wall Demolition.....	10.53	
			<i>For >500 To 2,000, Deduct</i>	-0.79	
			<i>For >2,000 To 6,000, Deduct</i>	-2.11	
			<i>For >6,000 To 8,000, Deduct</i>	-3.69	
			<i>For >8,000, Deduct</i>	-5.79	
02 41 16 13-0035	SF		10" Thick Reinforced Concrete Foundation Wall Demolition.....	12.46	
			<i>For >500 To 2,000, Deduct</i>	-0.93	
			<i>For >2,000 To 6,000, Deduct</i>	-2.49	
			<i>For >6,000 To 8,000, Deduct</i>	-4.36	
			<i>For >8,000, Deduct</i>	-6.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 16 13-0036	SF 12" Thick Reinforced Concrete Foundation Wall Demolition	14.74	
	For >500 To 2,000, Deduct	-1.11	
	For >2,000 To 6,000, Deduct	-2.95	
	For >6,000 To 8,000, Deduct	-5.16	
	For >8,000, Deduct	-8.11	
02 41 16 13-0037	SF 16" Thick Reinforced Concrete Foundation Wall Demolition	16.85	
	For >500 To 2,000, Deduct	-1.26	
	For >2,000 To 6,000, Deduct	-3.37	
	For >6,000 To 8,000, Deduct	-5.90	
	For >8,000, Deduct	-9.27	
02 41 16 13-0038	Concrete Block Foundation Wall Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0039	SF 4" Thick Non Reinforced Concrete Block Foundation Wall Demolition	3.86	
	For >500 To 2,000, Deduct	-0.29	
	For >2,000 To 6,000, Deduct	-0.77	
	For >6,000 To 8,000, Deduct	-1.35	
	For >8,000, Deduct	-2.12	
02 41 16 13-0040	SF 6" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.12	
	For >500 To 2,000, Deduct	-0.31	
	For >2,000 To 6,000, Deduct	-0.82	
	For >6,000 To 8,000, Deduct	-1.44	
	For >8,000, Deduct	-2.27	
02 41 16 13-0041	SF 8" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.65	
	For >500 To 2,000, Deduct	-0.35	
	For >2,000 To 6,000, Deduct	-0.93	
	For >6,000 To 8,000, Deduct	-1.63	
	For >8,000, Deduct	-2.56	
02 41 16 13-0042	SF 10" Thick Non Reinforced Concrete Block Foundation Wall Demolition	5.35	
	For >500 To 2,000, Deduct	-0.40	
	For >2,000 To 6,000, Deduct	-1.07	
	For >6,000 To 8,000, Deduct	-1.87	
	For >8,000, Deduct	-2.94	
02 41 16 13-0043	SF 12" Thick Non Reinforced Concrete Block Foundation Wall Demolition	5.97	
	For >500 To 2,000, Deduct	-0.45	
	For >2,000 To 6,000, Deduct	-1.19	
	For >6,000 To 8,000, Deduct	-2.09	
	For >8,000, Deduct	-3.28	
02 41 16 13-0044	SF 16" Thick Non Reinforced Concrete Block Foundation Wall Demolition	7.46	
	For >500 To 2,000, Deduct	-0.56	
	For >2,000 To 6,000, Deduct	-1.49	
	For >6,000 To 8,000, Deduct	-2.61	
	For >8,000, Deduct	-4.10	
02 41 16 13-0045	SF 4" Thick Reinforced Concrete Block Foundation Wall Demolition.....	4.63	
	For >500 To 2,000, Deduct	-0.35	
	For >2,000 To 6,000, Deduct	-0.93	
	For >6,000 To 8,000, Deduct	-1.62	
	For >8,000, Deduct	-2.55	
02 41 16 13-0046	SF 6" Thick Reinforced Concrete Block Foundation Wall Demolition.....	4.95	
	For >500 To 2,000, Deduct	-0.37	
	For >2,000 To 6,000, Deduct	-0.99	
	For >6,000 To 8,000, Deduct	-1.73	
	For >8,000, Deduct	-2.72	
02 41 16 13-0047	SF 8" Thick Reinforced Concrete Block Foundation Wall Demolition.....	5.58	
	For >500 To 2,000, Deduct	-0.42	
	For >2,000 To 6,000, Deduct	-1.12	
	For >6,000 To 8,000, Deduct	-1.95	
	For >8,000, Deduct	-3.07	
02 41 16 13-0048	SF 10" Thick Reinforced Concrete Block Foundation Wall Demolition.....	6.43	
	For >500 To 2,000, Deduct	-0.48	
	For >2,000 To 6,000, Deduct	-1.29	
	For >6,000 To 8,000, Deduct	-2.25	
	For >8,000, Deduct	-3.54	
02 41 16 13-0049	SF 12" Thick Reinforced Concrete Block Foundation Wall Demolition.....	7.16	
	For >500 To 2,000, Deduct	-0.54	
	For >2,000 To 6,000, Deduct	-1.43	
	For >6,000 To 8,000, Deduct	-2.51	
	For >8,000, Deduct	-3.94	
02 41 16 13-0050	SF 16" Thick Reinforced Concrete Block Foundation Wall Demolition.....	8.95	
	For >500 To 2,000, Deduct	-0.67	
	For >2,000 To 6,000, Deduct	-1.79	
	For >6,000 To 8,000, Deduct	-3.13	
	For >8,000, Deduct	-4.92	
02 41 16 13-0051	Brick Foundation Wall Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0052	SF 4" Thick Brick Foundation Wall Demolition	3.86	
	For >500 To 2,000, Deduct	-0.29	
	For >2,000 To 6,000, Deduct	-0.77	
	For >6,000 To 8,000, Deduct	-1.35	
	For >8,000, Deduct	-2.12	
02 41 16 13-0053	SF 6" Thick Brick Foundation Wall Demolition	4.12	
	For >500 To 2,000, Deduct	-0.31	
	For >2,000 To 6,000, Deduct	-0.82	
	For >6,000 To 8,000, Deduct	-1.44	
	For >8,000, Deduct	-2.27	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0054	SF		8" Thick Brick Foundation Wall Demolition	4.65	
			<i>For >500 To 2,000, Deduct</i>	-0.35	
			<i>For >2,000 To 6,000, Deduct</i>	-0.93	
			<i>For >6,000 To 8,000, Deduct</i>	-1.63	
			<i>For >8,000, Deduct</i>	-2.56	
02 41 16 13-0055	SF		10" Thick Brick Foundation Wall Demolition	5.35	
			<i>For >500 To 2,000, Deduct</i>	-0.40	
			<i>For >2,000 To 6,000, Deduct</i>	-1.07	
			<i>For >6,000 To 8,000, Deduct</i>	-1.87	
			<i>For >8,000, Deduct</i>	-2.94	
02 41 16 13-0056	SF		12" Thick Brick Foundation Wall Demolition	5.97	
			<i>For >500 To 2,000, Deduct</i>	-0.45	
			<i>For >2,000 To 6,000, Deduct</i>	-1.19	
			<i>For >6,000 To 8,000, Deduct</i>	-2.09	
			<i>For >8,000, Deduct</i>	-3.28	
02 41 16 13-0057	SF		16" Thick Brick Foundation Wall Demolition	7.46	
			<i>For >500 To 2,000, Deduct</i>	-0.56	
			<i>For >2,000 To 6,000, Deduct</i>	-1.49	
			<i>For >6,000 To 8,000, Deduct</i>	-2.61	
			<i>For >8,000, Deduct</i>	-4.10	
02 41 16 13-0058			Stone Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0059	CF		Stone Footing Or Foundation Wall Demolition	12.28	
			<i>For >135 To 405, Deduct</i>	-1.07	
			<i>For >405 To 810, Deduct</i>	-2.15	
			<i>For >810 To 2025, Deduct</i>	-3.07	
			<i>For >2025, Deduct</i>	-4.91	
02 41 16 13-0060			Other Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0061	CF		Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition	12.74	
			Note: Includes excavation.		
			<i>For >135 To 405, Deduct</i>	-1.11	
			<i>For >405 To 810, Deduct</i>	-2.23	
			<i>For >810 To 2025, Deduct</i>	-3.19	
			<i>For >2025, Deduct</i>	-5.10	
02 41 19			Selective Demolition (02 41)		
02 41 19 13			Selective Building Demolition (02 41 19)		
02 41 19 13-0001			Saw Cutting (02 41 19 13)		
			Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0002	LF		Bituminous Paving Up To 4" Depth, Saw Cut	1.91	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	0.73	
			<i>For >250, Deduct</i>	-0.18	
02 41 19 13-0003	LF		Brick Masonry Up To 4" Depth, Saw Cut	7.04	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.78	
			<i>For >250, Deduct</i>	-0.69	
02 41 19 13-0004	LF		Concrete Block Up To 4" Depth, Saw Cut	6.38	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.51	
			<i>For >250, Deduct</i>	-0.62	
02 41 19 13-0005	LF		Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.21	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	0.84	
			<i>For >250, Deduct</i>	-0.21	
02 41 19 13-0006	LF		Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	2.91	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	1.11	
			<i>For >250, Deduct</i>	-0.27	
02 41 19 13-0007	LF		Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	4.75	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	1.84	
			<i>For >250, Deduct</i>	-0.46	
02 41 19 13-0008	LF		Plain Concrete Walls Up To 4" Depth, Saw Cut	8.99	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	3.55	
			<i>For >250, Deduct</i>	-0.88	
02 41 19 13-0009	LF		Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	12.07	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	4.77	
			<i>For >250, Deduct</i>	-1.19	
02 41 19 13-0010	LF		Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	2.27	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	0.84	
			<i>For >250, Deduct</i>	-0.20	
02 41 19 13-0011	LF		Igneous Stone Pavements Up To 4" Depth, Saw Cut	6.41	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.52	
			<i>For >250, Deduct</i>	-0.63	
02 41 19 13-0012	LF		Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	6.41	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.52	
			<i>For >250, Deduct</i>	-0.63	
02 41 19 13-0013	LF		Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	6.41	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.52	
			<i>For >250, Deduct</i>	-0.63	
02 41 19 13-0014	LF		Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	6.41	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.52	
			<i>For >250, Deduct</i>	-0.63	
02 41 19 13-0015	EA		Saw Cut Minimum Charge	799.60	
			Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0016 Torch Cutting (02 41 19 13)
 Note: Includes grinding edge

02 41 19 13-0017	LF Up To 1/2", Torch Cut Steel Plate.....	2.53	
02 41 19 13-0018	LF >1/2" To 1" Thick, Torch Cut Steel Plate	5.05	
02 41 19 13-0019	LF >1" To 1-1/2" Thick, Torch Cut Steel Plate	7.58	
02 41 19 13-0020	LF >1-1/2" To 2" Thick, Torch Cut Steel Plate	10.11	
02 41 19 13-0021	LF >2" To 2-1/2" Thick, Torch Cut Steel Plate	12.63	
02 41 19 13-0022	LF >2-1/2" To 3" Thick, Torch Cut Steel Plate	15.16	
02 41 19 13-0023	EA Torch Cutting Minimum Charge.....	763.44	

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

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

02 41 19 13-0025 Concrete Core Drilling (02 41 19 13-0024)

02 41 19 13-0026 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0025)

02 41 19 13-0027	EA Drill 1" Diameter Core In Up To 4" Concrete.....	36.32	
	<i>For Horizontal Cores, Add</i>	6.72	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.45	
02 41 19 13-0028	EA Drill 1-1/2" Diameter Core In Up To 4" Concrete	40.06	
	<i>For Horizontal Cores, Add</i>	7.47	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.94	
02 41 19 13-0029	EA Drill 2" Diameter Core In Up To 4" Concrete.....	44.22	
	<i>For Horizontal Cores, Add</i>	8.30	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.61	
02 41 19 13-0030	EA Drill 3" Diameter Core In Up To 4" Concrete.....	62.93	
	<i>For Horizontal Cores, Add</i>	11.86	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.72	
02 41 19 13-0031	EA Drill 4" Diameter Core In Up To 4" Concrete.....	84.36	
	<i>For Horizontal Cores, Add</i>	15.89	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.79	
02 41 19 13-0032	EA Drill 6" Diameter Core In Up To 4" Concrete.....	95.12	
	<i>For Horizontal Cores, Add</i>	17.79	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.58	
02 41 19 13-0033	EA Drill 8" Diameter Core In Up To 4" Concrete.....	150.78	
	<i>For Horizontal Cores, Add</i>	28.47	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.94	
02 41 19 13-0034	EA Drill 10" Diameter Core In Up To 4" Concrete.....	189.43	
	<i>For Horizontal Cores, Add</i>	35.58	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.17	
02 41 19 13-0035	EA Drill 12" Diameter Core In Up To 4" Concrete.....	221.37	
	<i>For Horizontal Cores, Add</i>	41.52	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.03	
02 41 19 13-0036	EA Drill 14" Diameter Core In Up To 4" Concrete.....	253.62	
	<i>For Horizontal Cores, Add</i>	47.44	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88	
02 41 19 13-0037	EA Drill 18" Diameter Core In Up To 4" Concrete.....	287.93	
	<i>For Horizontal Cores, Add</i>	53.37	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	106.74	

02 41 19 13-0038 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0025)

02 41 19 13-0039	EA Drill 1" Diameter Core In >4" To 6" Concrete.....	52.17	
	<i>For Horizontal Cores, Add</i>	9.61	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	19.21	
02 41 19 13-0040	EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	57.51	
	<i>For Horizontal Cores, Add</i>	10.67	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.35	
02 41 19 13-0041	EA Drill 2" Diameter Core In >4" To 6" Concrete.....	63.44	
	<i>For Horizontal Cores, Add</i>	11.86	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.72	
02 41 19 13-0042	EA Drill 3" Diameter Core In >4" To 6" Concrete.....	76.85	
	<i>For Horizontal Cores, Add</i>	14.23	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.47	
02 41 19 13-0043	EA Drill 4" Diameter Core In >4" To 6" Concrete.....	96.47	
	<i>For Horizontal Cores, Add</i>	17.79	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.58	
02 41 19 13-0044	EA Drill 6" Diameter Core In >4" To 6" Concrete.....	127.97	
	<i>For Horizontal Cores, Add</i>	23.72	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.45	
02 41 19 13-0045	EA Drill 8" Diameter Core In >4" To 6" Concrete.....	190.69	
	<i>For Horizontal Cores, Add</i>	35.58	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.17	
02 41 19 13-0046	EA Drill 10" Diameter Core In >4" To 6" Concrete.....	224.79	
	<i>For Horizontal Cores, Add</i>	41.52	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.03	
02 41 19 13-0047	EA Drill 12" Diameter Core In >4" To 6" Concrete.....	257.83	
	<i>For Horizontal Cores, Add</i>	47.44	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88	
02 41 19 13-0048	EA Drill 14" Diameter Core In >4" To 6" Concrete.....	291.92	
	<i>For Horizontal Cores, Add</i>	53.37	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	106.74	

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

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
02 41 19 13-0049	EA Drill 18" Diameter Core In >4" To 6" Concrete.....	329.01	
	<i>For Horizontal Cores, Add</i>	59.30	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	118.61	
02 41 19 13-0050	>6" To 8" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0051	EA Drill 1" Diameter Core In >6" To 8" Concrete.....	58.47	
	<i>For Horizontal Cores, Add</i>	10.57	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.14	
02 41 19 13-0052	EA Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	64.34	
	<i>For Horizontal Cores, Add</i>	11.74	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.49	
02 41 19 13-0053	EA Drill 2" Diameter Core In >6" To 8" Concrete.....	70.86	
	<i>For Horizontal Cores, Add</i>	13.05	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.10	
02 41 19 13-0054	EA Drill 3" Diameter Core In >6" To 8" Concrete.....	84.83	
	<i>For Horizontal Cores, Add</i>	15.42	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.84	
02 41 19 13-0055	EA Drill 4" Diameter Core In >6" To 8" Concrete.....	110.94	
	<i>For Horizontal Cores, Add</i>	20.16	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.32	
02 41 19 13-0056	EA Drill 6" Diameter Core In >6" To 8" Concrete.....	154.88	
	<i>For Horizontal Cores, Add</i>	28.47	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.94	
02 41 19 13-0057	EA Drill 8" Diameter Core In >6" To 8" Concrete.....	254.30	
	<i>For Horizontal Cores, Add</i>	47.44	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88	
02 41 19 13-0058	EA Drill 10" Diameter Core In >6" To 8" Concrete.....	289.75	
	<i>For Horizontal Cores, Add</i>	53.37	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	106.74	
02 41 19 13-0059	EA Drill 12" Diameter Core In >6" To 8" Concrete.....	323.99	
	<i>For Horizontal Cores, Add</i>	59.30	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	118.61	
02 41 19 13-0060	EA Drill 14" Diameter Core In >6" To 8" Concrete.....	359.86	
	<i>For Horizontal Cores, Add</i>	65.22	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	130.45	
02 41 19 13-0061	EA Drill 18" Diameter Core In >6" To 8" Concrete.....	399.73	
	<i>For Horizontal Cores, Add</i>	71.17	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.34	
02 41 19 13-0062	>8" To 10" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0063	EA Drill 1" Diameter Core In >8" To 10" Concrete.....	69.55	
	<i>For Horizontal Cores, Add</i>	12.49	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.98	
02 41 19 13-0064	EA Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	76.49	
	<i>For Horizontal Cores, Add</i>	13.88	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.76	
02 41 19 13-0065	EA Drill 2" Diameter Core In >8" To 10" Concrete.....	84.19	
	<i>For Horizontal Cores, Add</i>	15.42	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.84	
02 41 19 13-0066	EA Drill 3" Diameter Core In >8" To 10" Concrete.....	98.74	
	<i>For Horizontal Cores, Add</i>	17.79	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.58	
02 41 19 13-0067	EA Drill 4" Diameter Core In >8" To 10" Concrete.....	113.57	
	<i>For Horizontal Cores, Add</i>	20.16	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.32	
02 41 19 13-0068	EA Drill 6" Diameter Core In >8" To 10" Concrete.....	158.07	
	<i>For Horizontal Cores, Add</i>	28.47	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.94	
02 41 19 13-0069	EA Drill 8" Diameter Core In >8" To 10" Concrete.....	258.63	
	<i>For Horizontal Cores, Add</i>	47.44	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88	
02 41 19 13-0070	EA Drill 10" Diameter Core In >8" To 10" Concrete.....	295.45	
	<i>For Horizontal Cores, Add</i>	53.37	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	106.74	
02 41 19 13-0071	EA Drill 12" Diameter Core In >8" To 10" Concrete.....	330.77	
	<i>For Horizontal Cores, Add</i>	59.29	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	118.58	
02 41 19 13-0072	EA Drill 14" Diameter Core In >8" To 10" Concrete.....	368.53	
	<i>For Horizontal Cores, Add</i>	65.22	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	130.45	
02 41 19 13-0073	EA Drill 18" Diameter Core In >8" To 10" Concrete.....	411.05	
	<i>For Horizontal Cores, Add</i>	71.15	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.30	
02 41 19 13-0074	>10" To 12" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0075	EA Drill 1" Diameter Core In >10" To 12" Concrete.....	75.84	
	<i>For Horizontal Cores, Add</i>	13.45	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.90	
02 41 19 13-0076	EA Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	83.31	
	<i>For Horizontal Cores, Add</i>	14.95	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.89	
02 41 19 13-0077	EA Drill 2" Diameter Core In >10" To 12" Concrete.....	91.61	
	<i>For Horizontal Cores, Add</i>	16.61	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

02 41 19 13-0078	EA		Drill 3" Diameter Core In >10" To 12" Concrete	100.79	
			<i>For Horizontal Cores, Add</i>	17.79	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.58	
02 41 19 13-0079	EA		Drill 4" Diameter Core In >10" To 12" Concrete	134.00	
			<i>For Horizontal Cores, Add</i>	23.72	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.45	
02 41 19 13-0080	EA		Drill 6" Diameter Core In >10" To 12" Concrete	173.12	
			<i>For Horizontal Cores, Add</i>	30.84	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	61.68	
02 41 19 13-0081	EA		Drill 8" Diameter Core In >10" To 12" Concrete	274.84	
			<i>For Horizontal Cores, Add</i>	49.82	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	99.63	
02 41 19 13-0082	EA		Drill 10" Diameter Core In >10" To 12" Concrete	301.15	
			<i>For Horizontal Cores, Add</i>	53.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	106.74	
02 41 19 13-0083	EA		Drill 12" Diameter Core In >10" To 12" Concrete	349.56	
			<i>For Horizontal Cores, Add</i>	61.68	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	123.36	

02 41 19 13-0084 >12" Thick Concrete Core Drilling (02 41 19 13-0025)

02 41 19 13-0085	IN		Drill 1" Diameter Core In >12" Concrete	8.94	
			<i>For Horizontal Cores, Add</i>	1.64	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.29	
02 41 19 13-0086	IN		Drill 1-1/2" Diameter Core In >12" Concrete	9.85	
			<i>For Horizontal Cores, Add</i>	1.83	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.65	
02 41 19 13-0087	IN		Drill 2" Diameter Core In >12" Concrete	10.87	
			<i>For Horizontal Cores, Add</i>	2.03	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.06	
02 41 19 13-0088	IN		Drill 3" Diameter Core In >12" Concrete	12.11	
			<i>For Horizontal Cores, Add</i>	2.22	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.45	
02 41 19 13-0089	IN		Drill 4" Diameter Core In >12" Concrete	16.10	
			<i>For Horizontal Cores, Add</i>	2.96	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.93	
02 41 19 13-0090	IN		Drill 6" Diameter Core In >12" Concrete	20.86	
			<i>For Horizontal Cores, Add</i>	3.86	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	7.71	
02 41 19 13-0091	IN		Drill 8" Diameter Core In >12" Concrete	33.32	
			<i>For Horizontal Cores, Add</i>	6.23	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.47	
02 41 19 13-0092	IN		Drill 10" Diameter Core In >12" Concrete	36.35	
			<i>For Horizontal Cores, Add</i>	6.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.40	
02 41 19 13-0093	IN		Drill 12" Diameter Core In >12" Concrete	42.00	
			<i>For Horizontal Cores, Add</i>	7.71	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.43	

02 41 19 13-0094 Brick/Concrete Block Core Drilling (02 41 19 13-0024)
02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)

02 41 19 13-0096	EA		Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	29.60	
			<i>For Horizontal Cores, Add</i>	5.38	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.76	
02 41 19 13-0097	EA		Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	32.58	
			<i>For Horizontal Cores, Add</i>	5.98	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	11.95	
02 41 19 13-0098	EA		Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	35.91	
			<i>For Horizontal Cores, Add</i>	6.64	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.28	
02 41 19 13-0099	EA		Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	51.07	
			<i>For Horizontal Cores, Add</i>	9.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.98	
02 41 19 13-0100	EA		Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	68.46	
			<i>For Horizontal Cores, Add</i>	12.71	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.43	
02 41 19 13-0101	EA		Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	77.33	
			<i>For Horizontal Cores, Add</i>	14.23	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.47	
02 41 19 13-0102	EA		Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	122.31	
			<i>For Horizontal Cores, Add</i>	22.77	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.55	
02 41 19 13-0103	EA		Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	153.84	
			<i>For Horizontal Cores, Add</i>	28.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.93	
02 41 19 13-0104	EA		Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	179.86	
			<i>For Horizontal Cores, Add</i>	33.21	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	66.43	
02 41 19 13-0105	EA		Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	206.18	
			<i>For Horizontal Cores, Add</i>	37.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	75.90	
02 41 19 13-0106	EA		Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	234.57	
			<i>For Horizontal Cores, Add</i>	42.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	85.39	

02 41 19 13-0107 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 13-0108	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	42.56
		<i>For Horizontal Cores, Add</i>	7.68
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.37
02 41 19 13-0109	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	46.83
		<i>For Horizontal Cores, Add</i>	8.54
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	17.08
02 41 19 13-0110	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	51.58
		<i>For Horizontal Cores, Add</i>	9.49
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.98
02 41 19 13-0111	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	62.61
		<i>For Horizontal Cores, Add</i>	11.39
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.77
02 41 19 13-0112	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	78.68
		<i>For Horizontal Cores, Add</i>	14.23
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.47
02 41 19 13-0113	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	104.24
		<i>For Horizontal Cores, Add</i>	18.98
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.96
02 41 19 13-0114	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	155.10
		<i>For Horizontal Cores, Add</i>	28.47
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.93
02 41 19 13-0115	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	183.28
		<i>For Horizontal Cores, Add</i>	33.21
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	66.43
02 41 19 13-0116	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	210.39
		<i>For Horizontal Cores, Add</i>	37.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	75.90
02 41 19 13-0117	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	238.56
		<i>For Horizontal Cores, Add</i>	42.70
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	85.39
02 41 19 13-0118	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	269.70
		<i>For Horizontal Cores, Add</i>	47.44
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88
02 41 19 13-0119		>6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)	
02 41 19 13-0120	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	47.89
		<i>For Horizontal Cores, Add</i>	8.45
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.91
02 41 19 13-0121	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	52.59
		<i>For Horizontal Cores, Add</i>	9.39
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.79
02 41 19 13-0122	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	57.81
		<i>For Horizontal Cores, Add</i>	10.44
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.88
02 41 19 13-0123	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	69.41
		<i>For Horizontal Cores, Add</i>	12.34
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.67
02 41 19 13-0124	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	90.79
		<i>For Horizontal Cores, Add</i>	16.13
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.26
02 41 19 13-0125	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	126.41
		<i>For Horizontal Cores, Add</i>	22.77
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.55
02 41 19 13-0126	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	206.86
		<i>For Horizontal Cores, Add</i>	37.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	75.90
02 41 19 13-0127	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	236.39
		<i>For Horizontal Cores, Add</i>	42.70
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	85.39
02 41 19 13-0128	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	264.68
		<i>For Horizontal Cores, Add</i>	47.44
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.88
02 41 19 13-0129	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	294.63
		<i>For Horizontal Cores, Add</i>	52.18
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.36
02 41 19 13-0130	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	328.56
		<i>For Horizontal Cores, Add</i>	56.93
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	113.87
02 41 19 13-0131		>8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)	
02 41 19 13-0132	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	57.05
		<i>For Horizontal Cores, Add</i>	9.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	19.98
02 41 19 13-0133	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	62.61
		<i>For Horizontal Cores, Add</i>	11.10
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.20
02 41 19 13-0134	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	68.77
		<i>For Horizontal Cores, Add</i>	12.33
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.67
02 41 19 13-0135	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	80.95
		<i>For Horizontal Cores, Add</i>	14.23
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.47
02 41 19 13-0136	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	93.42
		<i>For Horizontal Cores, Add</i>	16.13
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.26

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0137	EA		Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	129.60	
			<i>For Horizontal Cores, Add</i>	22.77	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.55	
02 41 19 13-0138	EA		Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	211.19	
			<i>For Horizontal Cores, Add</i>	37.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	75.90	
02 41 19 13-0139	EA		Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	242.09	
			<i>For Horizontal Cores, Add</i>	42.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	85.39	
02 41 19 13-0140	EA		Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	271.48	
			<i>For Horizontal Cores, Add</i>	47.43	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.87	
02 41 19 13-0141	EA		Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	303.30	
			<i>For Horizontal Cores, Add</i>	52.18	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.36	
02 41 19 13-0142	EA		Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	339.89	
			<i>For Horizontal Cores, Add</i>	56.92	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	113.84	

02 41 19 13-0143 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)

02 41 19 13-0144	EA		Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	62.38	
			<i>For Horizontal Cores, Add</i>	10.76	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.52	
02 41 19 13-0145	EA		Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	68.36	
			<i>For Horizontal Cores, Add</i>	11.96	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.91	
02 41 19 13-0146	EA		Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	75.00	
			<i>For Horizontal Cores, Add</i>	13.28	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.57	
02 41 19 13-0147	EA		Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	83.00	
			<i>For Horizontal Cores, Add</i>	14.23	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.47	
02 41 19 13-0148	EA		Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	110.27	
			<i>For Horizontal Cores, Add</i>	18.98	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.96	
02 41 19 13-0149	EA		Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	142.29	
			<i>For Horizontal Cores, Add</i>	24.67	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	49.35	
02 41 19 13-0150	EA		Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	225.02	
			<i>For Horizontal Cores, Add</i>	39.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.70	
02 41 19 13-0151	EA		Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	247.79	
			<i>For Horizontal Cores, Add</i>	42.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	85.39	
02 41 19 13-0152	EA		Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	287.88	
			<i>For Horizontal Cores, Add</i>	49.35	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	98.69	

02 41 19 13-0153 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)

02 41 19 13-0154	IN		Drill 1" Diameter Core In >12" Brick/Concrete Block	7.30	
			<i>For Horizontal Cores, Add</i>	1.32	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.63	
02 41 19 13-0155	IN		Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	8.03	
			<i>For Horizontal Cores, Add</i>	1.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.92	
02 41 19 13-0156	IN		Drill 2" Diameter Core In >12" Brick/Concrete Block	8.84	
			<i>For Horizontal Cores, Add</i>	1.62	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.25	
02 41 19 13-0157	IN		Drill 3" Diameter Core In >12" Brick/Concrete Block	9.89	
			<i>For Horizontal Cores, Add</i>	1.78	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.56	
02 41 19 13-0158	IN		Drill 4" Diameter Core In >12" Brick/Concrete Block	13.14	
			<i>For Horizontal Cores, Add</i>	2.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.74	
02 41 19 13-0159	IN		Drill 6" Diameter Core In >12" Brick/Concrete Block	17.01	
			<i>For Horizontal Cores, Add</i>	3.09	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	6.17	
02 41 19 13-0160	IN		Drill 8" Diameter Core In >12" Brick/Concrete Block	27.08	
			<i>For Horizontal Cores, Add</i>	4.99	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	9.97	
02 41 19 13-0161	IN		Drill 10" Diameter Core In >12" Brick/Concrete Block	29.66	
			<i>For Horizontal Cores, Add</i>	5.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.72	
02 41 19 13-0162	IN		Drill 12" Diameter Core In >12" Brick/Concrete Block	34.29	
			<i>For Horizontal Cores, Add</i>	6.17	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.34	

02 41 19 13-0163 Asphalt Core Drilling (02 41 19 13-0024)

02 41 19 13-0164 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0163)

02 41 19 13-0165	EA		Drill 1" Diameter Core In Up To 2" Asphalt	16.75	
02 41 19 13-0166	EA		Drill 1-1/2" Diameter Core In Up To 2" Asphalt	20.98	
02 41 19 13-0167	EA		Drill 2" Diameter Core In Up To 2" Asphalt	26.24	
02 41 19 13-0168	EA		Drill 3" Diameter Core In Up To 2" Asphalt	32.60	
02 41 19 13-0169	EA		Drill 4" Diameter Core In Up To 2" Asphalt	41.07	
02 41 19 13-0170	EA		Drill 6" Diameter Core In Up To 2" Asphalt	51.62	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0171	EA	Drill 8" Diameter Core In Up To 2" Asphalt	64.48
02 41 19 13-0172	EA	Drill 10" Diameter Core In Up To 2" Asphalt	80.10
02 41 19 13-0173	EA	Drill 12" Diameter Core In Up To 2" Asphalt	99.97
02 41 19 13-0174		>2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0175	EA	Drill 1" Diameter Core In >2" To 3" Asphalt.....	20.93
02 41 19 13-0176	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	27.19
02 41 19 13-0177	EA	Drill 2" Diameter Core In >2" To 3" Asphalt.....	33.45
02 41 19 13-0178	EA	Drill 3" Diameter Core In >2" To 3" Asphalt.....	41.92
02 41 19 13-0179	EA	Drill 4" Diameter Core In >2" To 3" Asphalt.....	52.47
02 41 19 13-0180	EA	Drill 6" Diameter Core In >2" To 3" Asphalt.....	66.12
02 41 19 13-0181	EA	Drill 8" Diameter Core In >2" To 3" Asphalt.....	82.14
02 41 19 13-0182	EA	Drill 10" Diameter Core In >2" To 3" Asphalt.....	102.91
02 41 19 13-0183	EA	Drill 12" Diameter Core In >2" To 3" Asphalt.....	127.97
02 41 19 13-0184		>3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0185	EA	Drill 1" Diameter Core In >3" To 4" Asphalt.....	27.25
02 41 19 13-0186	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	34.63
02 41 19 13-0187	EA	Drill 2" Diameter Core In >3" To 4" Asphalt.....	42.99
02 41 19 13-0188	EA	Drill 3" Diameter Core In >3" To 4" Asphalt.....	53.59
02 41 19 13-0189	EA	Drill 4" Diameter Core In >3" To 4" Asphalt.....	67.42
02 41 19 13-0190	EA	Drill 6" Diameter Core In >3" To 4" Asphalt.....	84.28
02 41 19 13-0191	EA	Drill 8" Diameter Core In >3" To 4" Asphalt.....	105.73
02 41 19 13-0192	EA	Drill 10" Diameter Core In >3" To 4" Asphalt.....	131.77
02 41 19 13-0193	EA	Drill 12" Diameter Core In >3" To 4" Asphalt.....	164.20
02 41 19 13-0194		>4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0163)	
02 41 19 13-0195	EA	Drill 1" Diameter Core In >4" To 6" Asphalt.....	35.81
02 41 19 13-0196	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	44.35
02 41 19 13-0197	EA	Drill 2" Diameter Core In >4" To 6" Asphalt.....	54.84
02 41 19 13-0198	EA	Drill 3" Diameter Core In >4" To 6" Asphalt.....	69.85
02 41 19 13-0199	EA	Drill 4" Diameter Core In >4" To 6" Asphalt.....	86.99
02 41 19 13-0200	EA	Drill 6" Diameter Core In >4" To 6" Asphalt.....	108.21
02 41 19 13-0201	EA	Drill 8" Diameter Core In >4" To 6" Asphalt.....	136.32
02 41 19 13-0202	EA	Drill 10" Diameter Core In >4" To 6" Asphalt.....	169.76
02 41 19 13-0203	EA	Drill 12" Diameter Core In >4" To 6" Asphalt.....	211.87
02 41 19 13-0204		Manhole Core Drilling (02 41 19 13-0024)	
02 41 19 13-0205	EA	Drill 4" Diameter Core In 6" Brick Manhole	182.99
02 41 19 13-0206	EA	Drill 5" Diameter Core In 6" Brick Manhole	209.04
02 41 19 13-0207	EA	Drill 6" Diameter Core In 6" Brick Manhole	243.47
02 41 19 13-0208	EA	Drill 8" Diameter Core In 6" Brick Manhole	364.39
02 41 19 13-0209	EA	Drill 2" Diameter Core In 8" Concrete Manhole.....	244.17
02 41 19 13-0210	EA	Drill 3" Diameter Core In 8" Concrete Manhole.....	261.51
02 41 19 13-0211	EA	Drill 4" Diameter Core In 8" Concrete Manhole.....	289.28
02 41 19 13-0212	EA	Drill 5" Diameter Core In 8" Concrete Manhole.....	310.79
02 41 19 13-0213	EA	Drill 6" Diameter Core In 8" Concrete Manhole.....	367.82
02 41 19 13-0214	EA	Drill 8" Diameter Core In 8" Concrete Manhole.....	524.64
02 41 19 13-0215	EA	Drill 2" Diameter Core In Fiberglass Manhole.....	23.85
02 41 19 13-0216	EA	Drill 3" Diameter Core In Fiberglass Manhole.....	27.57
02 41 19 13-0217	EA	Drill 4" Diameter Core In Fiberglass Manhole.....	29.92
02 41 19 13-0218	EA	Drill 5" Diameter Core In Fiberglass Manhole.....	32.65
02 41 19 13-0219	EA	Drill 6" Diameter Core In Fiberglass Manhole.....	35.93
02 41 19 13-0220	EA	Drill 8" Diameter Core In Fiberglass Manhole.....	39.94
02 41 19 13-0221		Drilling In Concrete Per Inch Of Depth (02 41 19 13-0024)	
		Note: Includes layout.	
02 41 19 13-0222	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	1.92
02 41 19 13-0223	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.01
02 41 19 13-0224	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.16
02 41 19 13-0225	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.30
02 41 19 13-0226	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	2.53
02 41 19 13-0227	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	2.74
02 41 19 13-0228	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	2.88
02 41 19 13-0229	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	3.19
02 41 19 13-0230	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	3.60
02 41 19 13-0231		Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0024)	
		Note: Includes layout.	
02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.61
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.69
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.81
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.93
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.12
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.30
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.42
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.67
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0241 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0024)
Note: Includes layout.

02 41 19 13-0242	IN		1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.79	
02 41 19 13-0243	IN		3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.83	
02 41 19 13-0244	IN		1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.89	
02 41 19 13-0245	IN		5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.94	
02 41 19 13-0246	IN		3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.04	
02 41 19 13-0247	IN		7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.13	
02 41 19 13-0248	IN		1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.19	
02 41 19 13-0249	IN		1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.31	
02 41 19 13-0250	IN		1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.50	

02 41 19 13-0251 Minimum Charge For Core Drilling (02 41 19 13-0024)

02 41 19 13-0252	EA		Core Drill Minimum Charge.....	647.89	
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Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".

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

02 41 19 13-0254 Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0253)

02 41 19 13-0255	SF		4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	41.16	
02 41 19 13-0256	SF		6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	43.66	
02 41 19 13-0257	SF		8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	46.15	
02 41 19 13-0258	SF		10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	48.65	
02 41 19 13-0259	SF		12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	49.89	

02 41 19 13-0260 Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0253)
Note: Includes cutting and removing steel decking.

02 41 19 13-0261	SF		4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF.....	50.17	
02 41 19 13-0262	SF		6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF.....	53.21	
02 41 19 13-0263	SF		8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF.....	56.25	
02 41 19 13-0264	SF		10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF.....	59.29	
02 41 19 13-0265	SF		12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF.....	60.81	

02 41 19 13-0266 Reinforced Concrete Wall Cutouts (02 41 19 13-0253)

02 41 19 13-0267	SF		4" Thick Reinforced Concrete Wall Cutouts, <24 SF.....	51.45	
02 41 19 13-0268	SF		6" Thick Reinforced Concrete Wall Cutouts, <24 SF.....	54.57	
02 41 19 13-0269	SF		8" Thick Reinforced Concrete Wall Cutouts, <24 SF.....	57.69	
02 41 19 13-0270	SF		10" Thick Reinforced Concrete Wall Cutouts, <24 SF.....	60.81	
02 41 19 13-0271	SF		12" Thick Reinforced Concrete Wall Cutouts, <24 SF.....	62.37	

02 41 19 13-0272 Brick Wall Cutouts (02 41 19 13-0253)
Note: Excludes toothing.

02 41 19 13-0273	SF		4" Thick Brick Wall Cutouts, <24 SF.....	15.59	
02 41 19 13-0274	SF		6" Thick Brick Wall Cutouts, <24 SF.....	25.73	
02 41 19 13-0275	SF		8" Thick Brick Wall Cutouts, <24 SF.....	35.82	
02 41 19 13-0276	SF		10" Thick Brick Wall Cutouts, <24 SF.....	43.66	
02 41 19 13-0277	SF		12" Thick Brick Wall Cutouts, <24 SF.....	52.24	
02 41 19 13-0278	SF		16" Thick Brick Wall Cutouts, <24 SF.....	61.59	

02 41 19 13-0279 Concrete Block Wall Cutouts (02 41 19 13-0253)
Note: Excludes toothing.

02 41 19 13-0280	SF		4" Thick Concrete Block Wall Cutouts, <24 SF.....	25.79	
02 41 19 13-0281	SF		6" Thick Concrete Block Wall Cutouts, <24 SF.....	27.32	
02 41 19 13-0282	SF		8" Thick Concrete Block Wall Cutouts, <24 SF.....	28.84	
02 41 19 13-0283	SF		10" Thick Concrete Block Wall Cutouts, <24 SF.....	30.41	
02 41 19 13-0284	SF		12" Thick Concrete Block Wall Cutouts, <24 SF.....	31.19	
02 41 19 13-0285	SF		16" Thick Concrete Block Wall Cutouts, <24 SF.....	32.74	

02 41 19 13-0286 Limestone Cutouts (02 41 19 13-0253)

02 41 19 13-0287	SF		2" Thick Limestone Cutouts, <24 SF.....	43.66	
02 41 19 13-0288	SF		4" Thick Limestone Cutouts, <24 SF.....	53.02	
02 41 19 13-0289	SF		6" Thick Limestone Cutouts, <24 SF.....	56.13	
02 41 19 13-0290	SF		8" Thick Limestone Cutouts, <24 SF.....	59.25	
02 41 19 13-0291	SF		10" Thick Limestone Cutouts, <24 SF.....	62.37	
02 41 19 13-0292	SF		12" Thick Limestone Cutouts, <24 SF.....	65.49	

02 41 19 13-0293 Tothing Masonry Cutouts (02 41 19 13-0253)
Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.

02 41 19 13-0294	VLF		Brick, Soft Old Mortar, Tothing Masonry Cutouts.....	15.59	
02 41 19 13-0295	VLF		Brick, Hard Mortar, Tothing Masonry Cutouts.....	21.05	

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

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0296	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	9.36
02 41 19 13-0297	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts.....	12.47
02 41 19 13-0298		Minimum Charge For Cutouts (02 41 19 13-0253) Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
02 41 19 13-0299	EA	Cutouts Minimum Charge	311.84
02 41 19 13-0300		Exterior Masonry Removal (02 41 19 13)	
02 41 19 13-0301		Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0300)	
02 41 19 13-0302	VLF	8" x 8" Masonry Column Removal	12.29
02 41 19 13-0303	VLF	10" x 10" Masonry Column Removal	19.20
02 41 19 13-0304	VLF	12" x 12" Masonry Column Removal	24.60
02 41 19 13-0305	VLF	14" x 14" Masonry Column Removal	30.80
02 41 19 13-0306	VLF	16" x 16" Masonry Column Removal	37.83
02 41 19 13-0307	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	21.24
02 41 19 13-0308		Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0300) Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0309	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	17.35
02 41 19 13-0310	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	25.93
02 41 19 13-0311	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	49.48
02 41 19 13-0312		Facade Removal (02 41 19 13-0300) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0313	SF	Stone Or Brick Veneer Facade Removal	4.68
		<i>For Cleaning and Storage For Reuse, Add</i>	7.02
02 41 19 13-0314		Exterior Masonry Removal (02 41 19 13-0300) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0315	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	4.11
02 41 19 13-0316	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	4.63
02 41 19 13-0317	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall	5.62
02 41 19 13-0318	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall.....	6.14
02 41 19 13-0319	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall	6.73
02 41 19 13-0320	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall	8.43
02 41 19 13-0321	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	4.86
02 41 19 13-0322	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	5.57
02 41 19 13-0323	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	6.73
02 41 19 13-0324	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	7.37
02 41 19 13-0325	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	8.08
02 41 19 13-0326	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	10.11
02 41 19 13-0327	SF	Demolish 4" Thick Brick Exterior Wall	4.11
		<i>For Cleaning and Storage For Reuse, Add</i>	6.17
02 41 19 13-0328	SF	Demolish 6" Thick Brick Exterior Wall	4.63
		<i>For Cleaning and Storage For Reuse, Add</i>	6.95
02 41 19 13-0329	SF	Demolish 8" Thick Brick Exterior Wall	5.62
		<i>For Cleaning and Storage For Reuse, Add</i>	8.43
02 41 19 13-0330	SF	Demolish 10" Thick Brick Exterior Wall	6.14
		<i>For Cleaning and Storage For Reuse, Add</i>	9.21
02 41 19 13-0331	SF	Demolish 12" Thick Brick Exterior Wall	6.73
		<i>For Cleaning and Storage For Reuse, Add</i>	10.10
02 41 19 13-0332	SF	Demolish 16" Thick Brick Exterior Wall	8.43
		<i>For Cleaning and Storage For Reuse, Add</i>	12.65
02 41 19 13-0333	CF	Exterior Brick, Concrete Block Or Composite Removal	11.97
		<i>For Cleaning and Storage For Reuse, Add</i>	17.96
02 41 19 13-0334		Lintel Removal (02 41 19 13-0300) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0335	LF	Demolish Steel Lintel	15.67
02 41 19 13-0336	LF	Demolish Concrete Or Stone Lintel.....	20.89
02 41 19 13-0337	LF	Demolish Steel Shelf Angle	16.54
02 41 19 13-0338		Reinstall Lintel (02 41 19 13-0300) Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0339	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel.....	9.88
02 41 19 13-0340	LF	Reinstall Existing Concrete Or Stone Lintel	20.89
02 41 19 13-0341	LF	Reinstall Existing Steel Shelf Angle	42.10
		Note: Includes fasteners.	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 41 19 13-0342	LF		Reinstall Existing Steel Lintel.....	17.41	
02 41 19 13-0343	LF		Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	70.61	
02 41 19 13-0344	LF		Removal And Replacement Of Steel Lintel Over Window Openings	118.61	
02 41 19 13-0345			Exterior Concrete Wall Removal (02 41 19 13)		
02 41 19 13-0346	SF		Demolish 4" Thick Reinforced Concrete Exterior Wall	5.46	
02 41 19 13-0347	SF		Demolish 6" Thick Reinforced Concrete Exterior Wall	9.92	
02 41 19 13-0348	SF		Demolish 8" Thick Reinforced Concrete Exterior Wall	12.46	
02 41 19 13-0349	SF		Demolish 10" Thick Reinforced Concrete Exterior Wall	14.70	
02 41 19 13-0350	SF		Demolish 12" Thick Reinforced Concrete Exterior Wall	17.37	
02 41 19 13-0351			Elevated Concrete Removal (02 41 19 13)		
02 41 19 13-0352	CF		Elevated Concrete Beam/Slab/Steps Removal, Reinforced	10.45	
02 41 19 16			Selective Interior Demolition (02 41 19)		
			Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001			Floor Removal (02 41 19 16)		
02 41 19 16-0002			Scarify Concrete (02 41 19 16-0001)		
			Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF		Scarify Concrete Floor	0.26	
02 41 19 16-0004	SF		Scarify Concrete Tread And Riser	2.20	
02 41 19 16-0005	SF		Scarify Concrete Wall	2.00	
02 41 19 16-0006			Fireproofing Removal (02 41 19 16)		
02 41 19 16-0007	SF		Removal Of Fireproofing From Concrete Or Steel.....	1.04	
02 41 19 16-0008			Demolish Ceiling (02 41 19 16)		
02 41 19 16-0009	SF		Demolish Drywall Ceiling	0.80	
02 41 19 16-0010	SF		Demolish Furred Plastered Ceiling	1.88	
02 41 19 16-0011	SF		Demolish Suspended Plastered Ceiling And Suspension System.....	1.43	
02 41 19 16-0012			Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0013	CF		Demolish Interior Reinforced Concrete Stairs.....	6.73	
02 41 19 16-0014	CF		Demolish Exterior Reinforced Concrete Stairs.....	5.70	
02 41 19 16-0015			Demolish Interior Partition/Wall (02 41 19 16)		
			Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0016			Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0015)		
			Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017			Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0018	SF		Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.36	
02 41 19 16-0019	SF		Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.67	
02 41 19 16-0020	SF		Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.25	
02 41 19 16-0021	SF		Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	6.74	
02 41 19 16-0022	SF		Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	8.43	
02 41 19 16-0023	SF		Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	5.24	
02 41 19 16-0024	SF		Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	5.60	
02 41 19 16-0025	SF		Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	6.30	
02 41 19 16-0026	SF		Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	8.09	
02 41 19 16-0027	SF		Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	10.12	
02 41 19 16-0028			Demolish Brick Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0029	SF		Demolish 4" Thick Brick Interior Partition/Wall.....	4.36	
02 41 19 16-0030	SF		Demolish 8" Thick Brick Interior Partition/Wall.....	5.25	
02 41 19 16-0031	SF		Demolish 12" Thick Brick Interior Partition/Wall	6.73	
02 41 19 16-0032	SF		Demolish 16" Thick Brick Interior Partition/Wall	8.43	
02 41 19 16-0033			Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0034	SF		Demolish Glass Block Interior Partition/Walls.....	3.74	
02 41 19 16-0035			Demolish Concrete Interior Partition/Walls (02 41 19 16-0016)		
			See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036	SF		Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall.....	7.93	
02 41 19 16-0037	SF		Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall.....	9.91	
02 41 19 16-0038	SF		Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall.....	13.88	
02 41 19 16-0039	SF		Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	9.52	
02 41 19 16-0040	SF		Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	11.97	
02 41 19 16-0041	SF		Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	16.66	
02 41 19 16-0042			Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)		

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 16-0043 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster1.49

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

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

02 41 19 16-0045 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side2.65

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

0.40

0.53

02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....3.09

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

0.46

0.62

02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....3.39

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

0.51

0.68

02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....4.72

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

0.71

0.94

02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....1.39

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

0.21

0.28

02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall1.66

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

0.25

0.33

02 42 Removal And Salvage Of Construction Materials (02 40)**02 42 21 Salvage of Construction Materials** (02 42)

Note: Salvage tasks include placement on pallets and storage on site.

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

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

02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....244.30

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

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

02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage.....2.23

02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage.....2.23

02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage.....3.08

02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage1.80

02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage0.95

02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage.....0.68

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

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

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

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

02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building29.30

02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building.....27.69

02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building.....25.91

02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building.....23.50

02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building21.97

02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building19.43

02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building28.46

02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building25.91

02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building.....21.97

02 60 Contaminated Site Material Removal (02)**02 61 Removal And Disposal Of Contaminated Soils** (02 60)**02 61 13 Excavation And Handling Of Contaminated Material** (02 61)

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

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

02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil.....10.79

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

02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil.....6.11

02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil.....63.31

02 61 13 00-0005	Accessories For Contaminated Soil Stockpile <small>(02 61 13)</small> See CSI section 31 25 14 23-0024 for sand bags.	
02 61 13 00-0006	SF 30 Mil Liner For Contaminated Soil Storage.....	1.07
	Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	
02 61 13 00-0007	SF 10 Mil Liner For Contaminated Soil Storage.....	0.65
	Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	

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

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

02 61 26 00-0001	Removal and Disposal of Asbestos Contaminated Soils <small>(02 61 26)</small> Note: Tasks include materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.	
02 61 26 00-0002	EA Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	824.53
	<i>For Work In Restricted Working Space, Add</i>	247.36
02 61 26 00-0003	CF >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	54.66
	<i>For Work In Restricted Working Space, Add</i>	16.40
02 61 26 00-0004	CF >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	36.44
	<i>For Work In Restricted Working Space, Add</i>	10.93
02 61 26 00-0005	CF >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	27.37
	<i>For Work In Restricted Working Space, Add</i>	8.21
02 61 26 00-0006	CF >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	21.86
	<i>For Work In Restricted Working Space, Add</i>	6.56
02 61 26 00-0007	CF >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	18.58
	<i>For Work In Restricted Working Space, Add</i>	5.57
02 61 26 00-0008	CF >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	16.72
	<i>For Work In Restricted Working Space, Add</i>	5.02

02 65 Underground Storage Tank Removal (02 60)

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

02 65 00 00-0001	Monitoring, Sampling, Testing And Analysis <small>(02 65)</small>	
02 65 00 00-0002	Field Samples For Testing Underground Storage Tank <small>(02 65 00 00-0001)</small>	
02 65 00 00-0003	EA Collection Of Sludge Sample For Underground Storage Tank.....	23.96
02 65 00 00-0004	EA Collection Of Pumpable Liquids Sample For Underground Storage Tank.....	23.96
02 65 00 00-0005	EA Collection Of Contaminated Soil Sample.....	23.96

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal (02 65 00 00-0001)

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007	EA Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test.....	116.67
	Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	
02 65 00 00-0008	EA Flashpoint, Lab Test.....	45.37
	Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	
02 65 00 00-0009	EA TOX 9020, Lab Test.....	109.14
	Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	
02 65 00 00-0010	EA TPH 8015 Modified, Lab Test.....	116.67
	Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	
02 65 00 00-0011	EA TRPH 418.1, Lab Test.....	90.74
	Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	
02 65 00 00-0012	EA VOC, Lab Test.....	246.30
	Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	
02 65 00 00-0013	EA Semi-Volatile Organic, Lab Test.....	453.70
	Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	
02 65 00 00-0014	EA Oil And Grease 413.1, Lab Test.....	54.57
	Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	
02 65 00 00-0015	EA TCLP (Extraction) - Metals, Lab Test.....	97.22
	Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02 65 00 00-0016	EA TCLP (Extraction) - Semi-Volatile Organic, Lab Test.....	129.63
	Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02 65 00 00-0017	EA Metals 6010 RCRA, Lab Test.....	145.19
	Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	
02 65 00 00-0018	EA Metals (Arsenic) 7060, Lab Test.....	19.44
	Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	
02 65 00 00-0019	EA Metals (Selenium) 7740, Lab Test.....	19.44
	Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0020	EA		Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	19.44	
02 65 00 00-0021	EA		Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	36.30	
02 65 00 00-0022	EA		PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	207.41	
02 65 00 00-0023	EA		Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	75.04	
02 65 00 00-0024	EA		pH, Lab Test	15.56	
02 65 00 00-0025	EA		Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	194.44	
02 65 00 00-0026	EA		Methyl Tertiary Butyl Ether (MTBE), Lab Test	116.67	
02 65 00 00-0027			Tests, Surveys And Maintenance For Underground Storage Tank (02 65 00 00-0001)		
02 65 00 00-0028	EA		Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,008.98	
02 65 00 00-0029	EA		Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	157.54	
02 65 00 00-0030	EA		Check And Report On Monitor Probes..... Note: By Certified Technician	37.29	
02 65 00 00-0031	EA		Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	273.10	
02 65 00 00-0032	EA		Removal And Replacement Of Anode On Impressed System.....	111.95	
02 65 00 00-0033	EA		Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	161.98	
02 65 00 00-0034	EA		Removal And Replacement Of Monitor Probes On Underground Storage Tank	234.78	
02 65 00 00-0035	EA		Ultrasonic Test On Underground Storage Tank.....	77.57	
02 65 00 00-0036			Tests And Sampling Labor Hours (02 65 00 00-0001)		
02 65 00 00-0037	HR		Certified Tank Installer For Underground Storage Tank	98.63	
02 65 00 00-0038	HR		Certified Geologist/Environmentalist	115.65	
02 65 00 00-0039	HR		Hourly Office Work For Reports Required For EPA On Underground Storage Tank	120.68	
			Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.		
02 65 00 00-0040			Remove Tank Contents (02 65)		
02 65 00 00-0041			Transfer Liquid (02 65 00 00-0040)		
			Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL		Transfer Reusable Liquid To Different Tank	0.59	
			Note: Per gallon of material transferred.		
02 65 00 00-0043			Remove And Dispose Of Liquid From Tank (02 65 00 00-0040)		
02 65 00 00-0044	GAL		Removal and Disposal Of Hazardous Liquids From Tank	1.31	
02 65 00 00-0045	GAL		Removal and Disposal Of Non Hazardous Liquid From Tank.....	0.92	
02 65 00 00-0046			Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040)		
			Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL		Removal and Disposal Of Hazardous Solids Or Sludge From Tank.....	5.37	
02 65 00 00-0048	GAL		Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.22	
02 65 00 00-0049			Purge Vapors, Open And Clean Tank (02 65)		
02 65 00 00-0050			Purge Vapors (02 65 00 00-0049)		
02 65 00 00-0051	LB		Purge Tank Using Dry Ice..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	3.02	
02 65 00 00-0052			High Pressure Water Wash And Rinse Of Tank Interior (02 65 00 00-0049)		
			Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA		Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	261.01	
02 65 00 00-0054	EA		>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	343.25	
02 65 00 00-0055	EA		>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	446.64	
02 65 00 00-0056	EA		>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	607.30	
02 65 00 00-0057	EA		>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,182.18	
02 65 00 00-0058	EA		>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,421.47	
02 65 00 00-0059	EA		>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,635.50	
02 65 00 00-0060	EA		>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,978.25	
02 65 00 00-0061	EA		>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,559.83	
02 65 00 00-0062	EA		>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,077.51	
02 65 00 00-0063	EA		>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,905.52	
02 65 00 00-0064	EA		>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	4,804.08	
02 65 00 00-0065	EA		>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	5,867.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 65 00 00-0066			Scrape Clean Tank Exterior (02 65 00 00-0049)		
02 65 00 00-0067	EA		Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....	201.32	
02 65 00 00-0068	EA		>275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	268.09	
02 65 00 00-0069	EA		>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	351.28	
02 65 00 00-0070	EA		>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	486.46	
02 65 00 00-0071	EA		>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,077.27	
02 65 00 00-0072	EA		>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,364.04	
02 65 00 00-0073	EA		>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,596.18	
02 65 00 00-0074	EA		>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,006.62	
02 65 00 00-0075	EA		>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,608.12	
02 65 00 00-0076	EA		>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,273.70	
02 65 00 00-0077	EA		>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,262.63	
02 65 00 00-0078	EA		>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,115.16	
02 65 00 00-0079	EA		>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	6,393.95	

02 65 00 00-0080			Tank And Piping Removal (02 65)		
			Note: Excludes excavation.		
02 65 00 00-0081			Removal And Disposal Of Piping (02 65 00 00-0080)		
			Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF		Up To 4", Removal And Disposal Of Piping.....	16.00	
02 65 00 00-0083	LF		>4" To 8", Removal And Disposal Of Piping.....	21.34	

02 65 00 00-0084			Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement (02 65 00 00-0080)		
			Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA		Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	554.32	
02 65 00 00-0086	EA		>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	673.10	
02 65 00 00-0087	EA		>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	791.89	
02 65 00 00-0088	EA		>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	989.86	
02 65 00 00-0089	EA		>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,385.79	
02 65 00 00-0090	EA		>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,742.14	
02 65 00 00-0091	EA		>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,979.71	
02 65 00 00-0092	EA		>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,375.65	
02 65 00 00-0093	EA		>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,167.53	
02 65 00 00-0094	EA		>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,797.17	
02 65 00 00-0095	EA		>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,449.51	
02 65 00 00-0096	EA		>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,205.54	
02 65 00 00-0097	EA		>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	6,506.92	

02 65 00 00-0098			Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary (02 65 00 00-0080)		
			Note: Includes 1 lengthwise at every 4' on-center height wise.		
02 65 00 00-0099	EA		>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	669.70	
02 65 00 00-0100	EA		>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,248.90	
02 65 00 00-0101	EA		>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,502.31	
02 65 00 00-0102	EA		>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,674.26	
02 65 00 00-0103	EA		>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,009.11	
02 65 00 00-0104	EA		>10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,497.82	
02 65 00 00-0105	EA		>15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,004.62	
02 65 00 00-0106	EA		>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,755.77	
02 65 00 00-0107	EA		>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,694.72	
02 65 00 00-0108	EA		>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	5,868.39	

02 65 00 00-0109			Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station (02 65 00 00-0080)		
			Note: Includes disposal fee.		
02 65 00 00-0110	EA		Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	249.28	
			For Each Additional Mile >15 Miles, Add	3.68	
02 65 00 00-0111	EA		>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	339.03	
			For Each Additional Mile >15 Miles, Add	4.65	
02 65 00 00-0112	EA		>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	534.04	
			For Each Additional Mile >15 Miles, Add	6.98	
02 65 00 00-0113	EA		>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	835.51	
			For Each Additional Mile >15 Miles, Add	8.14	
02 65 00 00-0114	EA		>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,474.51	
			For Each Additional Mile >15 Miles, Add	14.34	
02 65 00 00-0115	EA		>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,521.02	
			For Each Additional Mile >15 Miles, Add	15.50	
02 65 00 00-0116	EA		>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,598.55	
			For Each Additional Mile >15 Miles, Add	17.44	
02 65 00 00-0117	EA		>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,324.03	
			For Each Additional Mile >15 Miles, Add	23.26	
02 65 00 00-0118	EA		>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,180.10	
			For Each Additional Mile >15 Miles, Add	34.89	
02 65 00 00-0119	EA		>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,726.08	
			For Each Additional Mile >15 Miles, Add	38.76	
02 65 00 00-0120	EA		>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	4,614.07	
			For Each Additional Mile >15 Miles, Add	46.51	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	6,481.92
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>55.82</i>
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	7,836.64
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>64.19</i>

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

02 65 00 00-0124	GAL	Removal Of Cement Lining.....	0.48
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	0.17
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	0.94

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

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

02 65 00 00-0128	EA	Prepare Tank Closure Report.....	2,522.45
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02 65 00 00-0129 Temporary Tanks (02 65)**02 65 00 00-0130 Temporary Holding Tanks** (02 65 00 00-0129)**02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental** (02 65 00 00-0130)

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	539.44
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	539.44
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,078.88
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	809.16
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	1,888.03
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental.....	1,348.60
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	3,108.05
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	3,724.72
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	6,290.09

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

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,168.78
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02 80 Facility Remediation (02)**02 81 Transportation And Disposal Of Hazardous Materials** (02 80)**02 81 00 00-0001 Equipment Oil Drain And Disposal** (02 81)

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site.....	379.54
		Note: Excludes Disposal Cost.	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum.....	59.64
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum.....	271.10
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0005	DRM	Disposal Of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum	487.98
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site	64.96
		Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	

02 82 Asbestos Remediation (02 80)

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

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

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

02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	66.43
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	35.24
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	41.31
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	65.62
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing.....	113.00
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	137.31
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	27.95
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing.....	34.02
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing.....	46.17
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	35.24
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	41.31
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	65.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 82 13 00-0014	EA		48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing.....	113.00	
02 82 13 00-0015	EA		Next Day Turnaround, (Air) TEM Test, Asbestos Testing.....	130.02	
02 82 13 00-0016	EA		Same Day Turnaround, (Air) TEM Test, Asbestos Testing.....	181.05	

02 82 16 Engineering Control of Asbestos Containing Materials (02 82)

02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)

02 82 16 00-0002	SF		Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....	1.24	
02 82 16 00-0003	SF		Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	1.65	
02 82 16 00-0004	SF		Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....	1.70	
02 82 16 00-0005	SF		Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	1.94	
02 82 16 00-0006	SF		Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....	5.48	
02 82 16 00-0007	SF		Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....	6.12	

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

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

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)
 Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)
 See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	SET		>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	557.00	
			<i>For Work In Restricted Working Space, Add</i>	164.90	
02 82 33 00-0005	LF		>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	28.48	
			<i>For Work In Restricted Working Space, Add</i>	8.43	
02 82 33 00-0006	LF		>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	21.45	
			<i>For Work In Restricted Working Space, Add</i>	6.32	
02 82 33 00-0007	LF		>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	16.18	
			<i>For Work In Restricted Working Space, Add</i>	4.74	
02 82 33 00-0008	LF		>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	12.23	
			<i>For Work In Restricted Working Space, Add</i>	3.56	
02 82 33 00-0009	LF		>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	10.68	
			<i>For Work In Restricted Working Space, Add</i>	3.09	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)
 See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011	SET		>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	578.95	
			<i>For Work In Restricted Working Space, Add</i>	164.90	
02 82 33 00-0012	LF		>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	33.79	
			<i>For Work In Restricted Working Space, Add</i>	9.70	
02 82 33 00-0013	LF		>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	25.70	
			<i>For Work In Restricted Working Space, Add</i>	7.27	
02 82 33 00-0014	LF		>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	19.64	
			<i>For Work In Restricted Working Space, Add</i>	5.45	
02 82 33 00-0015	LF		>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	15.10	
			<i>For Work In Restricted Working Space, Add</i>	4.09	
02 82 33 00-0016	LF		>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	13.32	
			<i>For Work In Restricted Working Space, Add</i>	3.56	

02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)
 Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0018	SET		Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal.....	403.02	
			<i>For Work In Restricted Working Space, Add</i>	119.59	
02 82 33 00-0019	LF		>3 To 20 LF Additional Glove Bag Work for Pipe Insulation.....	90.05	
			<i>For Work In Restricted Working Space, Add</i>	26.58	
02 82 33 00-0020	LF		>20 To 250 LF Additional Glove Bag Work for Pipe Insulation.....	35.85	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
02 82 33 00-0021	LF		>250 To 500 LF Additional Glove Bag Work for Pipe Insulation.....	27.24	
			<i>For Work In Restricted Working Space, Add</i>	7.73	
02 82 33 00-0022	LF		>500 LF Additional Glove Bag Work for Pipe Insulation.....	20.80	
			<i>For Work In Restricted Working Space, Add</i>	5.80	

02 82 33 00-0023 Thermal Insulation, Asbestos Abatement And Disposal (02 82 33)

02 82 33 00-0024 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0023)
 Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0025	SET		Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	558.83	
02 82 33 00-0026	SF		>20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	28.48	
02 82 33 00-0027	SF		>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	22.51	
02 82 33 00-0028	SF		>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	16.97	
02 82 33 00-0029	SF		>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	12.82	

02 82 33 00-0030 Surfacing Material, Asbestos Abatement And Disposal (02 82 33)

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 82 33 00-0031	Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0030)		
	Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.		
02 82 33 00-0032	EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal.....	137.80	
	Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.		
02 82 33 00-0033	Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0030)		
	Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0034	SET Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	558.83	
02 82 33 00-0035	SF >20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	34.09	
02 82 33 00-0036	SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	25.65	
02 82 33 00-0037	SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	19.34	
02 82 33 00-0038	SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal	14.60	
02 82 33 00-0039	Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0030)		
	Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0040	SET Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	555.78	
02 82 33 00-0041	SF >20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	14.33	
02 82 33 00-0042	SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	10.89	
02 82 33 00-0043	SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	8.14	
02 82 33 00-0044	SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	6.08	
02 82 33 00-0045	Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0046	SET Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	561.88	
	For Additional Layer, Add	151.16	
02 82 33 00-0047	SF >20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	11.06	
	For Additional Layer, Add	2.98	
02 82 33 00-0048	SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.14	
	For Additional Layer, Add	2.17	
02 82 33 00-0049	SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	6.43	
	For Additional Layer, Add	1.70	
02 82 33 00-0050	SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	5.05	
	For Additional Layer, Add	1.32	
02 82 33 00-0051	SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	4.01	
	For Additional Layer, Add	1.04	
02 82 33 00-0052	SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	3.26	
	For Additional Layer, Add	0.83	
02 82 33 00-0053	Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0054	SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	555.78	
02 82 33 00-0055	SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	20.78	
02 82 33 00-0056	SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.29	
02 82 33 00-0057	SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.99	
02 82 33 00-0058	SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	9.37	
02 82 33 00-0059	SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	6.77	
02 82 33 00-0060	Stucco, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0061	SET Up To 20 SF, Stucco, Asbestos Abatement And Disposal	561.88	
02 82 33 00-0062	SF >20 To 500 SF, Stucco, Asbestos Abatement And Disposal	24.13	
02 82 33 00-0063	SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	18.16	
02 82 33 00-0064	SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	13.68	
02 82 33 00-0065	SF >10,000 SF, Stucco, Asbestos Abatement And Disposal	10.32	
02 82 33 00-0066	Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0067	SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	561.88	
02 82 33 00-0068	SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.41	
02 82 33 00-0069	SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	7.36	
02 82 33 00-0070	SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	5.40	
02 82 33 00-0071	SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	4.10	
02 82 33 00-0072	Flooring Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0073	Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0072)		
02 82 33 00-0074	Floor Tile Or Linoleum, Asbestos Abatement And Disposal (02 82 33 00-0073)		
	Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0075	SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	552.12	
02 82 33 00-0076	SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	5.86	
	For Each Additional Layer, Add	1.47	

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02 82 33 00-0077	SF		>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	4.81	
			For Each Additional Layer, Add	1.20	
02 82 33 00-0078	SF		>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	3.84	
			For Each Additional Layer, Add	0.96	
02 82 33 00-0079	SF		>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	2.68	
			For Each Additional Layer, Add	0.67	
02 82 33 00-0080			Carpet, Asbestos Abatement And Disposal (02 82 33 00-0073)		
02 82 33 00-0081	SET		Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	552.12	
02 82 33 00-0082	SF		>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	4.60	
02 82 33 00-0083	SF		>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	3.74	
02 82 33 00-0084	SF		>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.74	
02 82 33 00-0085	SF		>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.10	
02 82 33 00-0086			Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0073)		
			Note: Up to 12'.		
02 82 33 00-0087	SET		Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	209.18	
02 82 33 00-0088	LF		>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.79	
02 82 33 00-0089	LF		>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.32	
02 82 33 00-0090	LF		>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.49	
02 82 33 00-0091	LF		>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.08	
02 82 33 00-0092			Mastic, Asbestos Abatement And Disposal (02 82 33 00-0072)		
			Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0093	SET		Up To 200 SF, Mastic, Asbestos Abatement And Disposal.....	555.78	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0094	SF		>200 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	2.12	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0095	SF		>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	1.57	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0096	SF		>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.22	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0097	SF		>10,000 SF, Mastic, Asbestos Abatement And Disposal.....	0.99	
			Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0098			Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0072)		
			Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0099	SET		Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	574.08	
02 82 33 00-0100	SF		>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	6.74	
02 82 33 00-0101	SF		>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.98	
02 82 33 00-0102	SF		>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.95	
02 82 33 00-0103	SF		>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.12	
02 82 33 00-0104			Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal (02 82 33 00-0072)		
02 82 33 00-0105	SET		Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	561.87	
02 82 33 00-0106	SF		>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	7.47	
02 82 33 00-0107	SF		>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	4.93	
			Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0108	SF		>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	3.89	
02 82 33 00-0109	SF		>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	3.21	
02 82 33 00-0110			Roofing, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0111			Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0110)		
			Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0112			Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0111)		
02 82 33 00-0113	SET		Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	717.61	
02 82 33 00-0114	SF		>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.51	
02 82 33 00-0115	SF		>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.46	
02 82 33 00-0116	SF		>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.62	
02 82 33 00-0117	SF		>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.77	
02 82 33 00-0118	SF		>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.14	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 82 33 00-0119	>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0111)	
02 82 33 00-0120	SET Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	740.78
02 82 33 00-0121	SF >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.49
02 82 33 00-0122	SF >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.27
02 82 33 00-0123	SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.35
02 82 33 00-0124	SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.37
02 82 33 00-0125	SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.65
02 82 33 00-0126	>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0111)	
02 82 33 00-0127	SET Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	767.61
02 82 33 00-0128	SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.40
02 82 33 00-0129	SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.04
02 82 33 00-0130	SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.01
02 82 33 00-0131	SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.94
02 82 33 00-0132	SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.13
02 82 33 00-0133	Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0110)	
02 82 33 00-0134	Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0133)	
02 82 33 00-0135	SET Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	694.73
	Note: Single or first of multiple layers.	
02 82 33 00-0136	SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	5.33
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	1.33
02 82 33 00-0137	SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	4.28
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	1.07
02 82 33 00-0138	SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	3.44
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	0.86
02 82 33 00-0139	SF >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.59
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	0.65
02 82 33 00-0140	SF >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	1.96
	Note: Single or first of multiple layers.	
	For Each Additional Layer, Add	0.49
02 82 33 00-0141	Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0110)	
02 82 33 00-0142	SET Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	206.74
02 82 33 00-0143	SF >10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.12
02 82 33 00-0144	SF >50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.75
02 82 33 00-0145	SF >100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.42
02 82 33 00-0146	SF >250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.05
02 82 33 00-0147	Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0110)	
02 82 33 00-0148	SET Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	172.39
02 82 33 00-0149	LF >10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.25
02 82 33 00-0150	LF >20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	5.00
02 82 33 00-0151	LF >50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.19
02 82 33 00-0152	LF >150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	3.03
02 82 33 00-0153	Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0154	Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0153)	
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0155	SET Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	561.87
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0156	SF >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	5.74
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0157	SF >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.93
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0158	SF >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.37
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0159	SF >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.07
	Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0160	Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0153)	
02 82 33 00-0161	SET Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	561.87
02 82 33 00-0162	SF >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	5.00
02 82 33 00-0163	SF >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.62
02 82 33 00-0164	SF >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 82 33 00-0165	SF		>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1.86	
02 82 33 00-0166			Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal (02 82 33 00-0153)		
02 82 33 00-0167	SET		Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	426.91	
02 82 33 00-0168	LF		>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	29.57	
02 82 33 00-0169	LF		>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	22.54	
02 82 33 00-0170	LF		>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	17.27	
02 82 33 00-0171	LF		>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	13.32	
02 82 33 00-0172	LF		>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	10.36	
02 82 33 00-0173	LF		>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	10.14	
02 82 33 00-0174			Exterior Transite Siding, Asbestos Abatement And Disposal (02 82 33 00-0153)		
02 82 33 00-0175	SET		Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	570.35	
02 82 33 00-0176	SF		>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.52	
02 82 33 00-0177	SF		>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.64	
02 82 33 00-0178	SF		>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.93	
02 82 33 00-0179	SF		>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.23	
02 82 33 00-0180	SF		>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.71	
02 82 33 00-0181			Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0182			Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0181)		
02 82 33 00-0183	SET		Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	564.32 164.90	
02 82 33 00-0184	CF		>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	56.12 16.40	
02 82 33 00-0185	CF		>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	37.90 10.93	
02 82 33 00-0186	CF		>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	28.83 8.21	
02 82 33 00-0187	CF		>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	23.32 6.56	
02 82 33 00-0188	CF		>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	20.04 5.57	
02 82 33 00-0189	CF		>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	18.18 5.02	
02 82 33 00-0190			Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0181)		
02 82 33 00-0191	SET		Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	440.37	
02 82 33 00-0192	EA		>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	56.22	
02 82 33 00-0193	EA		>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	39.83	
02 82 33 00-0194	EA		>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	31.67	
02 82 33 00-0195	EA		>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	26.70	
02 82 33 00-0196	EA		>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	23.76	
02 82 33 00-0197	EA		>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	22.08	
02 82 33 00-0198			Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0199			30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0198)		
02 82 33 00-0200	SET		Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	281.43	
02 82 33 00-0201	EA		>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	105.54	
02 82 33 00-0202	EA		>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	95.64	
02 82 33 00-0203			HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0198)		
02 82 33 00-0204	SET		Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	275.14	
02 82 33 00-0205	LF		>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	5.65	
02 82 33 00-0206	LF		>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	4.24	
02 82 33 00-0207	LF		>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	3.65	
02 82 33 00-0208	LF		>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	3.15	
02 82 33 00-0209	LF		>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	2.70	
02 82 33 00-0210	LF		>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	2.34	
02 82 33 00-0211			Grout, Asbestos Abatement And Disposal (02 82 33 00-0198) Note: e.g. flue grout.		
02 82 33 00-0212	SET		Up To 20 LF, Grout, Asbestos Abatement And Disposal.....	275.04	
02 82 33 00-0213	LF		>20 To 50 LF, Grout, Asbestos Abatement And Disposal.....	10.84	
02 82 33 00-0214	LF		>50 To 100 LF, Grout, Asbestos Abatement And Disposal.....	7.47	
02 82 33 00-0215	LF		>100 To 250 LF, Grout, Asbestos Abatement And Disposal.....	6.40	
02 82 33 00-0216	LF		>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal.....	5.50	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 82 33 00-0217	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal.....	4.74
02 82 33 00-0218	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal.....	4.07
02 82 33 00-0219		Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0198)	
		Note: e.g. rope, web cloth, flat.	
02 82 33 00-0220	SET	Up To 15 LF, Gaskets, Asbestos Abatement And Disposal.....	275.14
02 82 33 00-0221	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal	14.60
02 82 33 00-0222	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	10.97
02 82 33 00-0223	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	9.35
02 82 33 00-0224	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	8.41
02 82 33 00-0225	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	7.56
02 82 33 00-0226	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal.....	7.19
02 82 33 00-0227		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0198)	
		Note: e.g. grid, spline, or glued on.	
02 82 33 00-0228	SET	Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	555.78
		Note: Including Glue Removal	
02 82 33 00-0229	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal.....	11.81
		Note: Including Glue Removal	
02 82 33 00-0230	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.74
		Note: Including Glue Removal	
02 82 33 00-0231	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	3.92
		Note: Including Glue Removal	
02 82 33 00-0232	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	3.35
		Note: Including Glue Removal	
02 82 33 00-0233		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0198)	
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.	
02 82 33 00-0234	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	552.97
02 82 33 00-0235	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	11.81
02 82 33 00-0236	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.74
02 82 33 00-0237	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.92
02 82 33 00-0238	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.35
02 82 33 00-0239		Caulking, Asbestos Abatement And Disposal (02 82 33 00-0198)	
02 82 33 00-0240		Non Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0239)	
02 82 33 00-0241	SET	Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	275.04
02 82 33 00-0242	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	8.13
02 82 33 00-0243	LF	>50 To 100 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	5.73
02 82 33 00-0244	LF	>100 To 250 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	4.28
02 82 33 00-0245	LF	>250 To 1,000 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	3.22
02 82 33 00-0246	LF	>1,000 To 2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	2.55
02 82 33 00-0247	LF	>2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	2.21
02 82 33 00-0248		Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0198)	
02 82 33 00-0249	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	275.04
02 82 33 00-0250	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal.....	10.84
02 82 33 00-0251	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal.....	7.47
02 82 33 00-0252	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal.....	6.40
02 82 33 00-0253	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	5.50
02 82 33 00-0254	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	4.74

02 83 Lead Remediation (02 80)

See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

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

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

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

02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.09
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 83 19 13-0004	SF		Hand Scrape Lead Paint From Wood Surfaces	1.50	
02 83 19 13-0005	SF		Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.54	

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

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

02 83 19 13-0007	HR		Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	75.64	
02 83 19 13-0008	EA		X-Ray Fluorescence (XRF) Lead Testing	41.89	
			Note: Including Technician, 3 Readings Per Surface And Lab Fee		
02 83 19 13-0009	EA		5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	40.10	
02 83 19 13-0010	EA		48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	60.76	
02 83 19 13-0011	EA		24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	85.06	
02 83 19 13-0012	EA		5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	15.80	
02 83 19 13-0013	EA		24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	24.30	
02 83 19 13-0014	EA		8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	30.38	
02 83 19 13-0015	EA		5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	40.10	
02 83 19 13-0016	EA		3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	60.76	
02 83 19 13-0017	EA		5 Day Turnaround Lead Wipe Samples And Lab Fee	6.68	
02 83 19 13-0018	EA		24 Hour Turnaround Lead Wipe Samples And Lab Fee	9.11	
02 83 19 13-0019	EA		8 Hour Turnaround Lead Wipe Samples And Lab Fee	13.37	
02 83 19 13-0020	EA		5 Day Turnaround Lead Air Samples And Lab Fee	6.68	
02 83 19 13-0021	EA		24 Hour Turnaround Lead Air Samples And Lab Fee	9.11	
02 83 19 13-0022	EA		8 Hour Turnaround Lead Air Samples And Lab Fee	13.37	
02 83 19 13-0023	EA		5 Day Turnaround Lead Water Test and Lab Fee	24.30	
02 83 19 13-0024	EA		24 Hour Turnaround Lead Water Test and Lab Fee	36.45	
02 83 19 13-0025	EA		8 Hour Turnaround Lead Water Test and Lab Fee	48.60	
02 83 19 13-0026	EA		5 Day Turnaround Lead Paint Chip Test and Lab Fee	25.13	
02 83 19 13-0027	EA		5 Day Turnaround Lead Soil Test and Lab Fee	50.27	

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

02 83 19 13-0029	EA		Lead-Based Paint Remediation Minimum Show Up Charge	896.98	
			Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.		

02 83 19 13-0030
Chemical Stripping Of Lead Contaminated Material (02 83 19 13)

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not limited to, chromium, cadmium and mercury.

02 83 19 13-0031	SF		Balustrades, Chemical Stripping Of Lead Contaminated Material	29.10	
			For 0.025" (25 mil) Application, Add	1.67	
			For 0.03" (30 mil) Application, Add	2.65	
02 83 19 13-0032	SF		Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	43.11	
			For 0.025" (25 mil) Application, Add	2.37	
			For 0.03" (30 mil) Application, Add	3.70	
02 83 19 13-0033	LF		Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	12.53	
			For 0.025" (25 mil) Application, Add	0.76	
			For 0.03" (30 mil) Application, Add	1.22	
			For 0.125" (125 mil) Application, Add	7.09	
02 83 19 13-0034	LF		>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	25.50	
			For 0.025" (25 mil) Application, Add	1.41	
			For 0.03" (30 mil) Application, Add	2.19	
			For 0.125" (125 mil) Application, Add	10.34	
02 83 19 13-0035	SF		Cornice, Chemical Stripping Of Lead Contaminated Material	13.65	
			For 0.025" (25 mil) Application, Add	0.90	
			For 0.03" (30 mil) Application, Add	1.49	
02 83 19 13-0036	SF		Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	38.45	
			For 0.025" (25 mil) Application, Add	2.14	
			For 0.03" (30 mil) Application, Add	3.35	
02 83 19 13-0037	SF		Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	8.45	
			For 0.025" (25 mil) Application, Add	0.60	
			For 0.03" (30 mil) Application, Add	1.01	
			For 0.125" (125 mil) Application, Add	7.39	
02 83 19 13-0038	SF		Cabinets, Chemical Stripping Of Lead Contaminated Material	24.33	
			For 0.025" (25 mil) Application, Add	1.39	
			For 0.03" (30 mil) Application, Add	2.20	
02 83 19 13-0039	SF		Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	30.99	
			For 0.025" (25 mil) Application, Add	1.73	
			For 0.03" (30 mil) Application, Add	2.70	
02 83 19 13-0040	SF		Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	11.61	
			For 0.025" (25 mil) Application, Add	0.76	
			For 0.03" (30 mil) Application, Add	1.24	
02 83 19 13-0041	SF		Columns, Chemical Stripping Of Lead Contaminated Material	11.18	
			For 0.025" (25 mil) Application, Add	0.78	
			For 0.03" (30 mil) Application, Add	1.30	
			For 0.125" (125 mil) Application, Add	9.34	
02 83 19 13-0042	SF		Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	9.85	
			For 0.025" (25 mil) Application, Add	0.67	
			For 0.03" (30 mil) Application, Add	1.11	
02 83 19 13-0043	SF		Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	10.27	
			For 0.025" (25 mil) Application, Add	0.69	
			For 0.03" (30 mil) Application, Add	1.14	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 83 19 13-0044	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated.....	17.76	
		For 0.025" (25 mil) Application, Add	1.11	
		For 0.03" (30 mil) Application, Add	1.80	
02 83 19 13-0045	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material.....	50.63	
		For 0.025" (25 mil) Application, Add	2.88	
		For 0.03" (30 mil) Application, Add	4.54	
02 83 19 13-0046	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material.....	12.61	
		For 0.025" (25 mil) Application, Add	0.81	
		For 0.03" (30 mil) Application, Add	1.32	
02 83 19 13-0047	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material.....	6.97	
		For 0.025" (25 mil) Application, Add	0.52	
		For 0.03" (30 mil) Application, Add	0.90	
02 83 19 13-0048	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material.....	26.00	
		For 0.025" (25 mil) Application, Add	1.48	
		For 0.03" (30 mil) Application, Add	2.32	
02 83 19 13-0049	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material.....	30.99	
		For 0.025" (25 mil) Application, Add	1.73	
		For 0.03" (30 mil) Application, Add	2.70	
02 83 19 13-0050	EA	Hinges, Chemical Stripping Of Lead Contaminated Material.....	16.37	
		For 0.025" (25 mil) Application, Add	1.08	
		For 0.03" (30 mil) Application, Add	1.78	
02 83 19 13-0051	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material.....	20.12	
		For 0.025" (25 mil) Application, Add	1.27	
		For 0.03" (30 mil) Application, Add	2.07	
		For 0.125" (125 mil) Application, Add	12.89	
02 83 19 13-0052	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	5.65	
		For 0.025" (25 mil) Application, Add	0.41	
		For 0.03" (30 mil) Application, Add	0.70	
		For 0.125" (125 mil) Application, Add	5.37	
02 83 19 13-0053	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	9.03	
		For 0.025" (25 mil) Application, Add	0.58	
		For 0.03" (30 mil) Application, Add	0.96	
		For 0.125" (125 mil) Application, Add	6.22	
02 83 19 13-0054	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	16.15	
		For 0.025" (25 mil) Application, Add	1.03	
		For 0.03" (30 mil) Application, Add	1.67	
		For 0.125" (125 mil) Application, Add	10.58	
02 83 19 13-0055	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	22.10	
		For 0.025" (25 mil) Application, Add	1.37	
		For 0.03" (30 mil) Application, Add	2.21	
		For 0.125" (125 mil) Application, Add	13.39	
02 83 19 13-0056	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	39.60	
		For 0.025" (25 mil) Application, Add	2.37	
		For 0.03" (30 mil) Application, Add	3.81	
		For 0.125" (125 mil) Application, Add	21.72	
02 83 19 13-0057	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area.....	11.81	
		For 0.025" (25 mil) Application, Add	0.68	
		For 0.03" (30 mil) Application, Add	1.09	
		For 0.125" (125 mil) Application, Add	5.77	
02 83 19 13-0058	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material.....	234.68	
		For 0.025" (25 mil) Application, Add	13.00	
		For 0.03" (30 mil) Application, Add	20.30	
02 83 19 13-0059	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material.....	16.64	
		For 0.025" (25 mil) Application, Add	1.32	
		For 0.03" (30 mil) Application, Add	2.29	
02 83 19 13-0060	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material.....	18.20	
		For 0.025" (25 mil) Application, Add	1.40	
		For 0.03" (30 mil) Application, Add	2.41	
02 83 19 13-0061	SF	Siding, Chemical Stripping Of Lead Contaminated Material.....	9.46	
		For 0.025" (25 mil) Application, Add	0.69	
		For 0.03" (30 mil) Application, Add	1.17	
		For 0.125" (125 mil) Application, Add	8.91	
02 83 19 13-0062	SF	Soffit, Chemical Stripping Of Lead Contaminated Material.....	19.69	
		For 0.025" (25 mil) Application, Add	1.16	
		For 0.03" (30 mil) Application, Add	1.85	
		For 0.125" (125 mil) Application, Add	10.20	
02 83 19 13-0063	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material.....	9.12	
		For 0.025" (25 mil) Application, Add	0.63	
		For 0.03" (30 mil) Application, Add	1.06	
		For 0.125" (125 mil) Application, Add	7.56	
02 83 19 13-0064	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material.....	10.34	
		For 0.025" (25 mil) Application, Add	0.69	
		For 0.03" (30 mil) Application, Add	1.15	
		For 0.125" (125 mil) Application, Add	7.87	
02 83 19 13-0065	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material.....	10.31	
		For 0.025" (25 mil) Application, Add	0.69	
		For 0.03" (30 mil) Application, Add	1.15	
		For 0.125" (125 mil) Application, Add	7.86	
02 83 19 13-0066	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material.....	14.57	
		For 0.025" (25 mil) Application, Add	0.90	
		For 0.03" (30 mil) Application, Add	1.47	
		For 0.125" (125 mil) Application, Add	8.92	
02 83 19 13-0067	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material.....	10.31	
		For 0.025" (25 mil) Application, Add	0.69	
		For 0.03" (30 mil) Application, Add	1.15	
		For 0.125" (125 mil) Application, Add	7.86	
02 83 19 13-0068	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material.....	23.62	
		For 0.025" (25 mil) Application, Add	1.36	
		For 0.03" (30 mil) Application, Add	2.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0069	SF		Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	25.85 1.47 2.31	
02 83 19 13-0070	SF		Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	27.34 1.54 2.42	
02 83 19 13-0071	SF		Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	28.86 1.62 2.54	
02 83 19 13-0072	SF		Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	30.36 1.69 2.65	
02 83 19 13-0073	SF		Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	31.92 1.77 2.77	
02 83 19 13-0074	SF		Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	33.38 1.85 2.88	
02 83 19 13-0075	SF		Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	34.13 1.88 2.93	
02 83 19 13-0076	SF		Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	34.91 1.92 2.99	
02 83 19 13-0077	SF		Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	35.63 1.96 3.05	
02 83 19 13-0078	SF		Metal Stairs, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	47.14 2.71 4.28 22.29	
02 83 19 13-0079	LF		Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	8.23 0.54 0.90 6.02	
02 83 19 13-0080	SF		Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material <i>Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.</i> <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	24.01 1.46 2.36 13.86	
02 83 19 13-0081	SF		Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	26.21 1.53 2.43 13.09	

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

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

02 83 19 13-0083	SF		Demolish Ceiling Suspension System, Lead Contaminated Material	2.06	
02 83 19 13-0084	SF		Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.20	
02 83 19 13-0085	SF		Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.76	
02 83 19 13-0086	SF		Demolish Metal Pan Grid System, Lead Contaminated Material	1.19	
02 83 19 13-0087	EA		Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	57.59	
02 83 19 13-0088	EA		Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	76.41	
02 83 19 13-0089	SF		Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	8.53	
02 83 19 13-0090	SF		Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	4.78	
02 83 19 13-0091	SF		Demolish Brick, Lead Contaminated Material	3.60	
02 83 19 13-0092	SF		Demolish Concrete Block, Lead Contaminated Material	4.64	
02 83 19 13-0093	SF		Demolish Tile, Lead Contaminated Material	3.49	
02 83 19 13-0094	SF		Demolish Up To 6" Concrete, Lead Contaminated Material	5.24	
02 83 19 13-0095	IN		Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.06	
02 83 19 13-0096	IN		Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.38	
02 83 19 13-0097	LF		Demolish Wood Balustrades And Railings, Lead Contaminated Material	5.97	
02 83 19 13-0098	LF		Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.56	
02 83 19 13-0099	LF		Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	1.95	
02 83 19 13-0100	LF		Demolish Base Shoe Molding, Lead Contaminated Material	1.27	
02 83 19 13-0101	SF		Demolish Concrete, Lead Contaminated Material	11.88	
02 83 19 13-0102	LF		Demolish Cabinets, Lead Contaminated Material	27.68	
02 83 19 13-0103	SF		Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.57	
02 83 19 13-0104	SF		Demolish Up To 12" Diameter Columns, Lead Contaminated Material	15.33	
02 83 19 13-0105	SF		Demolish Cornice, Lead Contaminated Material	2.04	
02 83 19 13-0106	EA		Demolish Doors, Lead Contaminated Material	60.03	
02 83 19 13-0107	LF		Demolish Door And Window Trim Or Frames, Lead Contaminated Material	1.83	
02 83 19 13-0108	EA		Demolish Electrical Devices, Lead Contaminated Material	18.42	
02 83 19 13-0109	LF		Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.36	
02 83 19 13-0110	LF		Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	3.93	
02 83 19 13-0111	SF		Demolish Wood Floors, Lead Contaminated Material	2.84	
02 83 19 13-0112	SF		Demolish Grilles, Lead Contaminated Material	3.34	
02 83 19 13-0113	EA		Demolish Hinges, Lead Contaminated Material	6.70	
02 83 19 13-0114	EA		Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	14.39	
02 83 19 13-0115	LF		Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	5.90	
02 83 19 13-0116	LF		Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	8.60	
02 83 19 13-0117	LF		Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	13.01	
02 83 19 13-0118	LF		Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	23.98	
02 83 19 13-0119	EA		Demolish Radiators, Lead Contaminated Material	103.61	
02 83 19 13-0120	EA		Demolish Shutters, Lead Contaminated Material	40.38	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0121	SF	Demolish Siding, Lead Contaminated Material	1.60
02 83 19 13-0122	SF	Demolish Soffit, Lead Contaminated Material	1.36
02 83 19 13-0123	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	3.74
02 83 19 13-0124	SF	Demolish Steel Beams, Lead Contaminated Material	4.40
02 83 19 13-0125	SF	Demolish Trusses, Lead Contaminated Material	5.77
02 83 19 13-0126	SF	Demolish Walls, Wood, Lead Contaminated Material	4.26
02 83 19 13-0127	SF	Demolish Windows, Lead Contaminated Material	14.34
02 83 19 13-0128	SF	Demolish Metal Stair, Lead Contaminated Material	6.86
02 83 19 13-0129	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	5.04
02 83 19 13-0130	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	8.24
02 83 19 13-0131	SF	Demolish Metal Picket Fence, Lead Contaminated Material	2.27
02 83 19 13-0132	SF	Demolish Plywood, Lead Contaminated Material	6.19
02 83 19 13-0133	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	3.02
02 83 19 13-0134	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	18.91
02 83 19 13-0135	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	4.12
02 83 19 13-0136	LF	Demolish Metal Guard Rails, Lead Contaminated Material	11.34
02 83 19 13-0137	LF	Demolish Roof Metal Trim, Lead Contaminated Material	2.42
02 83 19 13-0138	LF	Demolish Rain Gutters, Lead Contaminated Material	4.16
02 83 19 13-0139	LF	Demolish Downspouts, Lead Contaminated Material	3.40
02 83 19 13-0140	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	4.20
02 83 19 13-0141	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	2.42
02 83 19 13-0142	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	6.05
02 83 19 13-0143	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	6.05
02 83 19 13-0144	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	4.35
02 83 19 13-0145	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.40
02 83 19 13-0146	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	2.65
02 83 19 13-0147	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material	18.91
02 83 19 13-0148	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material	13.45
02 83 19 13-0149	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	10.09
02 83 19 13-0150	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	7.57

02 83 19 13-0151	Wet Sanding Of Lead Contaminated Material (02 83 19 13)		
02 83 19 13-0152	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint	1.64

02 83 19 13-0153	Lead Abatement Encapsulation (02 83 19 13)		
Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.			

02 83 19 13-0154	SF	Balustrades, Lead Abatement Encapsulation	5.07
02 83 19 13-0155	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.97
02 83 19 13-0156	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	8.02
02 83 19 13-0157	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.20
02 83 19 13-0158	SF	Ornate Cabinets, Lead Abatement Encapsulation	7.40
02 83 19 13-0159	SF	Simple Design Cabinets, Lead Abatement Encapsulation	6.00
02 83 19 13-0160	SF	Drywall Ceilings, Lead Abatement Encapsulation	1.95
02 83 19 13-0161	SF	Wood Ceilings, Lead Abatement Encapsulation	2.40
02 83 19 13-0162	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.21
02 83 19 13-0163	SF	Columns, Lead Abatement Encapsulation	3.91
02 83 19 13-0164	SF	Doors, Lead Abatement Encapsulation	8.72
02 83 19 13-0165	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.34
02 83 19 13-0166	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.26
02 83 19 13-0167	SF	Wood Floors (Roller), Lead Abatement Encapsulation	1.87
02 83 19 13-0168	SF	Grilles, Vents, Lead Abatement Encapsulation	5.49
02 83 19 13-0169	LF	Gutters And Downspouts, Lead Abatement Encapsulation	5.07
02 83 19 13-0170	EA	Hangers, Lead Abatement Encapsulation	44.26
02 83 19 13-0171	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	3.07
02 83 19 13-0172	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.34
02 83 19 13-0173	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.67
02 83 19 13-0174	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.85
02 83 19 13-0175	EA	Radiators, Lead Abatement Encapsulation	185.94
02 83 19 13-0176	EA	Up To 6' Shutters, Lead Abatement Encapsulation	160.92
02 83 19 13-0177	SF	Siding, Lead Abatement Encapsulation	2.73
02 83 19 13-0178	SF	Up To 12" Soffit, Lead Abatement Encapsulation	3.91
02 83 19 13-0179	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.20
02 83 19 13-0180	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	4.23
02 83 19 13-0181	SF	Trusses, Lead Abatement Encapsulation	4.23
02 83 19 13-0182	SF	Drywall Walls, Lead Abatement Encapsulation	1.74
02 83 19 13-0183	SF	Wood Walls, Lead Abatement Encapsulation	2.15
02 83 19 13-0184	EA	Window Without Grille, Lead Abatement Encapsulation	160.37
02 83 19 13-0185	EA	Window With Grille, Lead Abatement Encapsulation	188.35
02 83 19 13-0186	LF	Frames And Trim, Lead Abatement Encapsulation	2.93
02 83 19 13-0187	LF	Steel Lintels, Lead Abatement Encapsulation	3.35

02 83 33 Removal and Disposal of Material Containing Lead (02 83)**02 83 33 13 Lead-Based Paint Removal and Disposal** (02 83 33)

02 83 33 13-0001	Remove Loose Dirt And Debris Containing Lead (02 83 33 13)		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.25
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.27
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 84 Polychlorinated Biphenyl Remediation (02 80)

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

02 84 16 00-0001	EA	Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16) Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.	
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling.....	8.41
02 84 16 00-0003	EA	Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16) Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.	
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	1.01
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	1.52
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	4.73
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	10.81
02 84 16 00-0008	EA	Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16) Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.	
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	2.53
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	3.80
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	7.09
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	16.21

02 84 33 Removal and Disposal of Polychlorinated Biphenyls (02 84)

02 84 33 00-0001	EA	Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33) Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.	
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB).....	2,050.84
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB).....	3,185.41
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB).....	967.77
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB).....	3,742.03
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB).....	1,651.45
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB).....	5,843.30

02 86 Hazardous Waste Drum Handling (02 80)

02 86 00 00-0001	EA	Hazardous Waste Packaging (02 86)	
02 86 00 00-0002	EA	Overpacks (02 86 00 00-0001)	
02 86 00 00-0003	EA	Steel Salvage Drums, 16 Gauge (02 86 00 00-0002)	
02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High.....	304.64
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High.....	173.41
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High.....	167.37
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High.....	104.71
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High.....	82.49
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High.....	55.57
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High.....	50.25
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High.....	44.28
02 86 00 00-0012	EA	Polyethylene Overpacks (02 86 00 00-0002)	
02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High.....	344.11
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High.....	63.59
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High.....	311.37
02 86 00 00-0016	EA	Composite Overpacks (02 86 00 00-0002)	
02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums.....	168.97
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums.....	231.87
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums.....	314.50
02 86 00 00-0020	EA	DOT E-9168 Exempt Packaging (02 86 00 00-0002)	
02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	14.25
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	15.03
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	14.70
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	7.28
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS.....	9.05
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS.....	6.32
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS.....	8.22

02 Existing Conditions**02 80 Facility Remediation****02 86 Hazardous Waste Drum Handling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 86 00 00-0028	Steel Drums <small>(02 86 00 00-0001)</small>		
02 86 00 00-0029	UN Rated Steel Drums <small>(02 86 00 00-0028)</small>		
02 86 00 00-0030	EA UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	105.79	
02 86 00 00-0031	EA UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	99.99	
02 86 00 00-0032	EA UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	81.08	
02 86 00 00-0033	EA UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	63.89	
02 86 00 00-0034	EA UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	74.07	
02 86 00 00-0035	EA UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	62.96	
02 86 00 00-0036	EA 30 Gallon, 17E, Open, Steel Drum	45.67	
02 86 00 00-0037	EA 20 Gallon, 17C, Open, Steel Drum	64.19	
02 86 00 00-0038	EA 20 Gallon, 17E, Open, Steel Drum	43.21	
02 86 00 00-0039	EA 8 Gallon, 17C, Open, Steel Drum	56.73	
02 86 00 00-0040	EA 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,090.29	
02 86 00 00-0041	EA 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,069.87	
02 86 00 00-0042	EA 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	963.70	
02 86 00 00-0043	EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,029.04	
02 86 00 00-0044	EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,004.54	
02 86 00 00-0045	EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	986.16	
02 86 00 00-0046	EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	888.16	
02 86 00 00-0047	EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	777.91	
02 86 00 00-0048	EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	759.53	
02 86 00 00-0049	EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	745.24	
02 86 00 00-0050	EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	671.73	
02 86 00 00-0051	EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	632.94	
02 86 00 00-0052	EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	608.44	
02 86 00 00-0053	EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	581.90	
02 86 00 00-0054	EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	561.48	
02 86 00 00-0055	EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,063.75	
02 86 00 00-0056	EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,043.33	
02 86 00 00-0057	EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	941.24	
02 86 00 00-0058	EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	892.24	
02 86 00 00-0059	EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	986.16	
02 86 00 00-0060	EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	967.79	
02 86 00 00-0061	EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	871.83	
02 86 00 00-0062	EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	826.91	
02 86 00 00-0063	EA 55 Gallon Reconditioned Steel 17h Drum (1-9)	81.40	
02 86 00 00-0064	EA 55 Gallon Reconditioned Steel 17h Drum (10-24)	72.15	
02 86 00 00-0065	EA 55 Gallon Reconditioned Steel 17h Drum (25-49)	62.90	
02 86 00 00-0066	EA 55 Gallon Reconditioned Steel 17h Drum (50+)	55.50	
02 86 00 00-0067	Plastic Drums <small>(02 86 00 00-0001)</small>		
02 86 00 00-0068	Polyethylene Closed Head Drums <small>(02 86 00 00-0067)</small>		
	Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.		
02 86 00 00-0069	EA 55 Gallon Polyethylene Closed Head Drums	66.41	
02 86 00 00-0070	EA 35 Gallon Polyethylene Closed Head Drums	50.98	
02 86 00 00-0071	EA 30 Gallon Polyethylene Closed Head Drums	46.29	
02 86 00 00-0072	EA 20 Gallon Polyethylene Closed Head Drums	32.34	
02 86 00 00-0073	EA 15 Gallon Polyethylene Closed Head Drums	31.73	
02 86 00 00-0074	Polyethylene Open Head Drums <small>(02 86 00 00-0067)</small>		
	Note: Open head drums are primarily used for solids and sludge.		
02 86 00 00-0075	EA 55 Gallon Polyethylene Open Head Drums	83.94	
02 86 00 00-0076	EA 35 Gallon Polyethylene Open Head Drums	61.72	
02 86 00 00-0077	EA 30 Gallon Polyethylene Open Head Drums	58.64	
02 86 00 00-0078	EA 20 Gallon Polyethylene Open Head Drums	43.21	
02 86 00 00-0079	EA 15 Gallon Polyethylene Open Head Drums	37.03	
02 86 00 00-0080	Fiber Drums <small>(02 86 00 00-0001)</small>		
02 86 00 00-0081	Steel Top/Fiber Bottom Drums, Hazardous <small>(02 86 00 00-0080)</small>		
	Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082	EA 30 Gallon Fiber Drum DOT-21C (1-9)	50.86	
02 86 00 00-0083	EA 30 Gallon Fiber Drum DOT-21C (10-24)	47.65	
02 86 00 00-0084	EA 30 Gallon Fiber Drum DOT-21C (25-49)	43.45	
02 86 00 00-0085	EA 30 Gallon Fiber Drum DOT-21C (50+)	42.96	
02 86 00 00-0086	EA 55 Gallon Fiber Drum DOT-21C (1-9)	52.34	
02 86 00 00-0087	EA 55 Gallon Fiber Drum DOT-21C (10-24)	49.38	
02 86 00 00-0088	EA 55 Gallon Fiber Drum DOT-21C (25-49)	45.67	
02 86 00 00-0089	EA 55 Gallon Fiber Drum DOT-21C (50-99)	44.19	
02 86 00 00-0090	EA 55 Gallon Fiber Drum DOT-21C (100+)	38.27	
02 86 00 00-0091	EA 10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	32.59	
02 86 00 00-0092	EA 20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	35.55	
02 86 00 00-0093	EA 20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	41.48	
02 86 00 00-0094	Loading Hazardous Waste For Shipment <small>(02 86 00 00-0001)</small>		
02 86 00 00-0095	EA Load Drums On Disposal Truck	9.02	
02 86 00 00-0096	EA Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	944.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 86 00 00-0097	Transport Drums To Landfill (02 86 00 00-0001)	
	Note: Includes transportation for up to 25 miles.	
02 86 00 00-0098	EA Transport Drum To Landfill.....	57.17
	Note: Includes transportation for up to 25 miles.	

02 87 Bio-Hazard Material Remediation (02 80)

02 87 13 Mold Remediation (02 87)

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

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

02 87 13 33-0001	Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)	
	Note: Treat fittings as additional lf of insulation.	
02 87 13 33-0002	Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)	
	Note: Diameter is outer size of insulation.	
02 87 13 33-0003	Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)	
	Note: Excludes encased fittings.	
02 87 13 33-0004	SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	557.00
02 87 13 33-0005	LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	21.63
02 87 13 33-0006	LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	16.31
02 87 13 33-0007	LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	12.32
02 87 13 33-0008	LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	9.33
02 87 13 33-0009	LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	8.16
02 87 13 33-0010	>6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)	
02 87 13 33-0011	SET Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	578.95
02 87 13 33-0012	LF >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	25.90
02 87 13 33-0013	LF >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	19.79
02 87 13 33-0014	LF >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	15.20
02 87 13 33-0015	LF >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	11.77
02 87 13 33-0016	LF >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	10.42
02 87 13 33-0017	Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)	
02 87 13 33-0018	Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)	
02 87 13 33-0019	SET Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	567.98
02 87 13 33-0020	SF >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	12.58
02 87 13 33-0021	SF >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	9.54
02 87 13 33-0022	SF >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal.....	7.24
02 87 13 33-0023	SF >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	5.63
02 87 13 33-0024	Surfacing Material, Mold Abatement And Disposal (02 87 13 33)	
	Note: e.g. fireproofing, acoustical plaster, etc.	
02 87 13 33-0025	Stucco, Mold Abatement And Disposal (02 87 13 33-0024)	
	Note: Remove surface coat from brown coat or remove entire assembly, including lath.	
02 87 13 33-0026	SET Up To 50 SF, Stucco, Mold Abatement And Disposal.....	561.88
02 87 13 33-0027	SF >50 To 500 SF, Stucco, Mold Abatement And Disposal.....	12.45
02 87 13 33-0028	SF >500 To 2,500 SF, Stucco, Mold Abatement And Disposal.....	9.41
02 87 13 33-0029	SF >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal.....	7.11
02 87 13 33-0030	SF >10,000 SF, Stucco, Mold Abatement And Disposal.....	5.41
02 87 13 33-0031	Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024)	
	Note: Remove surface coat from brown coat or remove entire assembly, including lath.	
02 87 13 33-0032	SET Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal.....	561.88
02 87 13 33-0033	SF >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	12.45
02 87 13 33-0034	SF >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	9.41
02 87 13 33-0035	SF >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	7.11
02 87 13 33-0036	SF >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	5.41
02 87 13 33-0037	Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)	
02 87 13 33-0038	SET Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....	574.08
02 87 13 33-0039	SF >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal.....	4.20
02 87 13 33-0040	SF >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal.....	3.33
02 87 13 33-0041	SF >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	2.64
02 87 13 33-0042	SF >10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	1.96

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

02 87 13 33-0043	Fireproofing, Mold Abatement And Disposal (02 87 13 33-0024)		
	Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET Up To 50 SF, Fireproofing, Mold Abatement And Disposal	567.98	
02 87 13 33-0045	SF >50 To 500 SF, Fireproofing, Mold Abatement And Disposal	17.20	
02 87 13 33-0046	SF >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	13.01	
02 87 13 33-0047	SF >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	9.85	
02 87 13 33-0048	SF >10,000 SF, Fireproofing, Mold Abatement And Disposal	7.48	
02 87 13 33-0049	Flooring, Mold Abatement And Disposal (02 87 13 33)		
	Note: Includes cove base.		
02 87 13 33-0050	Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0051	Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0050)		
	Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	574.08	
02 87 13 33-0053	SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	4.16	
	For Each Additional Layer, Add	1.04	
02 87 13 33-0054	SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.35	
	For Each Additional Layer, Add	0.59	
02 87 13 33-0055	SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.39	
	For Each Additional Layer, Add	0.35	
02 87 13 33-0056	SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.09	
	For Each Additional Layer, Add	0.27	
02 87 13 33-0057	Carpet, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0058	Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)		
02 87 13 33-0059	SET Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	574.08	
02 87 13 33-0060	SF >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.48	
02 87 13 33-0061	SF >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.20	
02 87 13 33-0062	SF >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.49	
02 87 13 33-0063	SF >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.15	
02 87 13 33-0064	Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)		
02 87 13 33-0065	SET Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal	574.08	
	Note: Includes tack strips.		
02 87 13 33-0066	SF >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	3.91	
	Note: Includes tack strips.		
02 87 13 33-0067	SF >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	2.86	
	Note: Includes tack strips.		
02 87 13 33-0068	SF >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal	2.28	
	Note: Includes tack strips.		
02 87 13 33-0069	SF >10,000 SF, Carpet And Pad, Mold Abatement And Disposal	1.76	
	Note: Includes tack strips.		
02 87 13 33-0070	Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0071	SET Up To 75 SF, Subflooring, Mold Abatement And Disposal	567.98	
02 87 13 33-0072	SF >75 To 500 SF, Subflooring, Mold Abatement And Disposal	4.79	
02 87 13 33-0073	SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	3.08	
02 87 13 33-0074	SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	1.88	
02 87 13 33-0075	SF >10,000 SF, Subflooring, Mold Abatement And Disposal	1.23	
02 87 13 33-0076	Siding, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0077	Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076)		
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET Up To 100 SF, Interior Paneling, Mold Abatement And Disposal	574.08	
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0079	SF >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal	4.15	
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0080	SF >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal	2.93	
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0081	SF >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal	1.73	
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0082	SF >10,000 SF, Interior Paneling, Mold Abatement And Disposal	1.34	
	Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0083	Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)		
02 87 13 33-0084	SET Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	574.08	
02 87 13 33-0085	SF >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.15	
02 87 13 33-0086	SF >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	3.60	
02 87 13 33-0087	SF >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.44	
02 87 13 33-0088	SF >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.20	
02 87 13 33-0089	Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0090	Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 13 33-0091	SET		Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	578.95	
02 87 13 33-0092	CF		>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal.....	20.47	
02 87 13 33-0093	CF		>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal.....	14.13	
02 87 13 33-0094	CF		>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal.....	10.97	
02 87 13 33-0095	CF		>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal.....	9.06	
02 87 13 33-0096	CF		>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	5.61	
02 87 13 33-0097	CF		>10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	5.19	

02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)

02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)

Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.

02 87 13 33-0100	SET		Up To 100 LF, Wood Studs, Mold Abatement And Disposal.....	287.03	
02 87 13 33-0101	LF		>100 To 500 LF, Wood Studs, Mold Abatement And Disposal.....	2.34	
02 87 13 33-0102	LF		>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal.....	1.74	
02 87 13 33-0103	LF		>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.36	
02 87 13 33-0104	LF		>10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.04	

02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098)

Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.

02 87 13 33-0106	SET		Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	574.08	
02 87 13 33-0107	SF		>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	7.11	
02 87 13 33-0108	SF		>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.37	
02 87 13 33-0109	SF		>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.44	
02 87 13 33-0110	SF		>10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.20	

02 87 13 33-0111 Caulking, Mold Abatement And Disposal (02 87 13 33-0098)

02 87 13 33-0112	SET		Up To 20 LF, Caulking, Mold Abatement And Disposal.....	137.83	
02 87 13 33-0113	LF		>20 To 50 LF, Caulking, Mold Abatement And Disposal.....	2.76	
02 87 13 33-0114	LF		>50 To 100 LF, Caulking, Mold Abatement And Disposal.....	1.98	
02 87 13 33-0115	LF		>100 To 250 LF, Caulking, Mold Abatement And Disposal.....	1.51	
02 87 13 33-0116	LF		>250 To 1,000 LF, Caulking, Mold Abatement And Disposal.....	1.12	
02 87 13 33-0117	LF		>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	0.91	
02 87 13 33-0118	LF		>2,500 LF, Caulking, Mold Abatement And Disposal.....	0.78	

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

02 87 13 33-0120	CSF		Wipe Down Floors With Mild Bleach Solution.....	15.28	
			For >25 To 50, Deduct	-1.53	
			For >50 To 200, Deduct	-3.82	
			For >200, Deduct	-6.11	
02 87 13 33-0121	CSF		Wipe Down Walls With Mild Bleach Solution.....	17.98	
			For >25 To 50, Deduct	-1.80	
			For >50 To 200, Deduct	-4.49	
			For >200, Deduct	-7.19	
02 87 13 33-0122	CSF		Wipe Down Ceilings With Mild Bleach Solution.....	20.44	
			For >25 To 50, Deduct	-2.04	
			For >50 To 200, Deduct	-5.11	
			For >200, Deduct	-8.17	
02 87 13 33-0123	CSF		Wipe Down Countertops With Mild Bleach Solution.....	16.67	
			For >25 To 50, Deduct	-1.67	
02 87 13 33-0124	CSF		Wipe Down Other Surfaces With Mild Bleach Solution.....	21.15	
			For >25 To 50, Deduct	-2.11	
			For >50 To 200, Deduct	-5.29	
			For >200, Deduct	-8.46	

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

02 87 13 33-0126	SET		Up To 10 LF, Base Cabinet, Mold Abatement And Disposal.....	619.32	
02 87 13 33-0127	LF		>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal.....	65.25	
02 87 13 33-0128	LF		>20 LF, Base Cabinet, Mold Abatement And Disposal.....	48.65	
02 87 13 33-0129	SET		Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal.....	575.41	
02 87 13 33-0130	LF		>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal.....	54.22	
02 87 13 33-0131	LF		>20 LF, Wall Cabinet, Mold Abatement And Disposal.....	37.61	

02 87 16 Excrement Removal (02 87)

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

02 87 16 13 Bird Excrement Removal (02 87 16)

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

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

02 87 16 13-0002	EA		Up To 10 SF Bird Waste Removal, Up To 3" Thickness.....	549.68	
			For Work In Restricted Working Space, Add	164.90	
02 87 16 13-0003	SF		>10 To 500 SF Bird Waste Removal, Up To 3" Thickness.....	9.17	
			For Work In Restricted Working Space, Add	2.75	

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

02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness.....	8.33
		<i>For Work In Restricted Working Space, Add</i>	2.50
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness.....	7.57
		<i>For Work In Restricted Working Space, Add</i>	2.27
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness.....	6.88
		<i>For Work In Restricted Working Space, Add</i>	2.06

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

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

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000).....	597.58
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001).....	567.58
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002).....	447.58
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1).....	517.58
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005).....	273.79
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006).....	293.79
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010).....	912.58
		Note: Door panels include a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003).....	1,012.58
		Note: Door panels include a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008).....	1,212.58
		Note: Door panels include a hydraulic closer and a lever style lockset standard.	
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004).....	204.75
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007).....	169.75
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....	169.75
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003).....	12.34
		Note: To seal panels to existing walls	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005).....	279.94

02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

Note: Includes removal and disposal in approved landfill after use.

02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.46
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.62
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	0.84
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.52
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.68
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	0.90

02 87 19 00-0024 Temporary Floor Protection For Bio-Hazard And Infectious Disease Control

(02 87 19 00-0001)

Note: Includes removal after use.

02 87 19 00-0025	SF	Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.76
02 87 19 00-0026	SF	1/2" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.79
02 87 19 00-0027	SF	3/4" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.18

02 87 19 00-0028 Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

(02 87 19 00-0001)

Note: Includes removal after use.

02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	5.29
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	7.30
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	5.40
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	7.53
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	3.09

02 87 19 00-0034 Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control.....	19.57
		Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area.....	2.47

02 87 19 00-0037 Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	18.62
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	22.03
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	31.07
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control.....	884.01
		Note: Excludes gloves.	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0042	PR			Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....	315.96	
				Note: For installation in glove iris port.		
02 87 19 00-0043	PR			Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....	496.74	
				Note: For installation in glove iris port.		
02 87 19 00-0044	EA			5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease.....	103.22	
				Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045				Temporary Portable And Mobile Trailers (02 87 19)		
02 87 19 00-0046				Trailer Delivery (02 87 19 00-0045)		
02 87 19 00-0047	EA			Deliver Trailer Within 25 Miles.....	940.03	
02 87 19 00-0048				Portable And Mobile Trailers, Purchase (02 87 19 00-0045)		
				Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049	EA			8' x 24' Mobile Trailer With Toilet, Purchase.....	7,487.96	
				For Tie-Downs, Add	74.05	
02 87 19 00-0050	EA			8' x 32' Mobile Trailer With Toilet, Purchase.....	10,574.10	
				For Tie-Downs, Add	74.05	
02 87 19 00-0051	EA			10' x 36' Mobile Trailer With Toilet, Purchase.....	15,077.29	
				For Tie-Downs, Add	74.05	
02 87 19 00-0052	EA			10' x 44' Mobile Trailer With Toilet, Purchase.....	18,831.12	
				For Tie-Downs, Add	74.05	
02 87 19 00-0053	EA			10' x 50' Mobile Trailer With Toilet, Purchase.....	21,406.18	
				For Tie-Downs, Add	74.05	
02 87 19 00-0054	EA			12' x 50' Mobile Trailer With Toilet, Purchase.....	22,511.05	
				For Tie-Downs, Add	74.05	
02 87 19 00-0055	EA			12' x 60' Mobile Trailer With Toilet, Purchase.....	25,047.55	
				For Tie-Downs, Add	74.05	
02 87 19 00-0056				Portable And Mobile Trailers, Rental (02 87 19 00-0045)		
				Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0057	MO			8' x 24' Mobile Trailer, With Toilet, Rental.....	163.84	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	680.76	
				For Each Set-Up (Block And Level), Add	382.03	
02 87 19 00-0058	MO			8' x 32' Mobile Trailer, With Toilet, Rental.....	185.67	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	680.76	
				For Each Set-Up (Block And Level), Add	382.03	
02 87 19 00-0059	MO			10' x 36' Mobile Trailer, With Toilet, Rental.....	251.21	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	964.41	
				For Each Set-Up (Block And Level), Add	623.32	
02 87 19 00-0060	MO			10' x 44' Mobile Trailer, With Toilet, Rental.....	294.90	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	964.41	
				For Each Set-Up (Block And Level), Add	623.32	
02 87 19 00-0061	MO			10' x 50' Mobile Trailer, With Toilet, Rental.....	311.29	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	964.41	
				For Each Set-Up (Block And Level), Add	623.32	
02 87 19 00-0062	MO			12' x 50' Mobile Trailer, With Toilet, Rental.....	365.89	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	964.41	
				For Each Set-Up (Block And Level), Add	623.32	
02 87 19 00-0063	MO			12' x 60' Mobile Trailer, With Toilet, Rental.....	398.66	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
				For Each Delivery And Removal, Two Round Trips, Add	964.41	
				For Each Set-Up (Block And Level), Add	623.32	
02 87 19 00-0064	MO			24' x 60' Modular Trailer, With Toilet, Rental.....	873.78	
				For Each Delivery And Removal, Two Round Trips, Add	1,815.35	
				For Each Set-Up (Block And Level), Add	1,005.35	
				For Each Anchoring Into Dirt, Add	116.49	
				For Each Anchoring Into Asphalt Or Concrete, Add	174.74	
02 87 19 00-0065				Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		
02 87 19 00-0066				Skirting (02 87 19 00-0065)		
				Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0067	SF			1'-8" High Vinyl Covered Skirt.....	3.93	1.73
02 87 19 00-0068	SF			3' High Vinyl Covered Skirt.....	5.91	2.86

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 19 00-0069	Aluminum Modular Access Ramp <small>(02 87 19 00-0065)</small> Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0070	EA Up To 35" High, Aluminum Modular Access Ramp.....	2,231.41	33.17
02 87 19 00-0071	Aluminum Modular Stairs <small>(02 87 19 00-0065)</small> Note: Excludes earthwork		
02 87 19 00-0072	EA Aluminum Steps For Mobile Trailers.....	617.11	
02 87 19 00-0073	Decontamination Chambers For Bio-Hazard And Infectious Disease Control <small>(02 87 19)</small> Note: Includes removal after use.		
02 87 19 00-0074	EA Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control	676.76	
	Note: Includes connection to negative air system.		
02 87 19 00-0075	EA Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control	799.80	
	Note: Includes connection to negative air system.		
02 87 19 00-0076	EA Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control	430.98	
	Note: Includes connection to negative air system.		
02 87 19 00-0077	Bio-Hazard And Infectious Disease Control Cleaning, Level 2 <small>(02 87 19)</small> Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0147 for disposal of material into approved landfill.		
02 87 19 00-0078	Bio-Hazard And Infectious Disease Control Cleaning Mobilization <small>(02 87 19 00-0077)</small>		
02 87 19 00-0079	EA Bio-Hazard And Infectious Disease Control Mobilization And Set-Up.....	322.25	
	Note: Mobilization and set-up minimum for each site location.		
02 87 19 00-0080	Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces <small>(02 87 19 00-0077)</small> Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0081	CSF Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	23.90	
	For >25 To 50, Deduct	-2.39	
	For >50 To 200, Deduct	-4.78	
	For >200, Deduct	-7.16	
	For Cleaning Surfaces With Goldshield® GS5, Add	8.33	
	For Level 1 Biohazard Cleaning, Deduct	-4.78	
	For Level 3 Biohazard Cleaning, Add	7.88	
02 87 19 00-0082	CSF Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.10	
	For >25 To 50, Deduct	-2.81	
	For >50 To 200, Deduct	-5.62	
	For >200, Deduct	-8.42	
	For Cleaning Surfaces With Goldshield® GS5, Add	8.33	
	For Level 1 Biohazard Cleaning, Deduct	-5.62	
	For Level 3 Biohazard Cleaning, Add	9.27	
02 87 19 00-0083	CSF Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.97	
	For >25 To 50, Deduct	-3.20	
	For >50 To 200, Deduct	-6.39	
	For >200, Deduct	-9.59	
	For Cleaning Surfaces With Goldshield® GS5, Add	8.33	
	For Level 1 Biohazard Cleaning, Deduct	-6.39	
	For Level 3 Biohazard Cleaning, Add	10.54	
02 87 19 00-0084	CSF Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	26.06	
	For Cleaning Surfaces With Goldshield® GS5, Add	8.33	
	For >5 To 10, Deduct	-1.30	
	For >10 To 50, Deduct	-2.60	
	For >50, Deduct	-5.21	
	For Level 1 Biohazard Cleaning, Deduct	-5.21	
	For Level 3 Biohazard Cleaning, Add	8.59	
02 87 19 00-0085	CSF Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.07	
	For >25 To 50, Deduct	-3.31	
	For >50 To 200, Deduct	-6.61	
	For >200, Deduct	-9.92	
	For Cleaning Surfaces With Goldshield® GS5, Add	8.33	
	For Level 1 Biohazard Cleaning, Deduct	-6.61	
	For Level 3 Biohazard Cleaning, Add	10.91	
02 87 19 00-0086	Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials <small>(02 87 19 00-0077)</small> Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect		
02 87 19 00-0087	EA Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	61.75	
	For Level 1 Biohazard Cleaning, Deduct	-12.35	
	For Level 3 Biohazard Cleaning, Add	20.37	
	For Cleaning Surfaces With Goldshield® GS5, Add	4.16	
02 87 19 00-0088	EA Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.34	
	For Level 1 Biohazard Cleaning, Deduct	-5.66	
	For Level 3 Biohazard Cleaning, Add	9.35	
	For Cleaning Surfaces With Goldshield® GS5, Add	2.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0089	EA		Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution99.46 For Level 1 Biohazard Cleaning, Deduct -19.89 For Level 3 Biohazard Cleaning, Add 32.82 For Cleaning Surfaces With Goldshield® GS5, Add 4.16		
02 87 19 00-0090	EA		Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....6.13 For Level 1 Biohazard Cleaning, Deduct -1.22 For Level 3 Biohazard Cleaning, Add 2.02 For Cleaning Surfaces With Goldshield® GS5, Add 0.83		
02 87 19 00-0091	EA		Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up .....91.69 Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers For Level 1 Biohazard Cleaning, Deduct -18.33 For Level 3 Biohazard Cleaning, Add 30.25 For Cleaning Surfaces With Goldshield® GS5, Add 4.16		
02 87 19 00-0092	EA		Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up .....9.79 For Level 1 Biohazard Cleaning, Deduct -1.95 For Level 3 Biohazard Cleaning, Add 3.22 For Cleaning Surfaces With Goldshield® GS5, Add 0.83		

02 87 19 00-0093 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0077)

02 87 19 00-0094	LF		Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....3.60 For Level 1 Biohazard Cleaning, Deduct -0.72 For Level 3 Biohazard Cleaning, Add 1.18		
02 87 19 00-0095	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....4.50 For Level 1 Biohazard Cleaning, Deduct -0.89 For Level 3 Biohazard Cleaning, Add 1.48		
02 87 19 00-0096	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....6.04 For Level 1 Biohazard Cleaning, Deduct -1.19 For Level 3 Biohazard Cleaning, Add 1.97		
02 87 19 00-0097	LF		>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....8.53 For Level 1 Biohazard Cleaning, Deduct -1.68 For Level 3 Biohazard Cleaning, Add 2.77		
02 87 19 00-0098	EA		Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning .....161.15 For Level 1 Biohazard Cleaning, Deduct -32.23 For Level 3 Biohazard Cleaning, Add 53.17		
02 87 19 00-0099	SF		Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning .....11.21 For Level 1 Biohazard Cleaning, Deduct -2.24 For Level 3 Biohazard Cleaning, Add 3.69		
02 87 19 00-0100	EA		Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning .....107.44 For Level 1 Biohazard Cleaning, Deduct -21.48 For Level 3 Biohazard Cleaning, Add 35.45		
02 87 19 00-0101	EA		Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning .....322.27 For Level 1 Biohazard Cleaning, Deduct -64.45 For Level 3 Biohazard Cleaning, Add 106.34		
02 87 19 00-0102	EA		Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning .....26.88 Note: Includes removal and reinstallation. For Level 1 Biohazard Cleaning, Deduct -5.37 For Level 3 Biohazard Cleaning, Add 8.86		
02 87 19 00-0103	SF		Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning .....0.47 For Level 1 Biohazard Cleaning, Deduct -0.09 For Level 3 Biohazard Cleaning, Add 0.14		
02 87 19 00-0104	SF		Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning .....0.51 For Level 1 Biohazard Cleaning, Deduct -0.09 For Level 3 Biohazard Cleaning, Add 0.14		

02 87 19 00-0105 Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)

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

02 87 19 00-0106	DAY		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....129.38		
02 87 19 00-0107	WK		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....551.08		
02 87 19 00-0108	MO		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....1,543.02		
02 87 19 00-0109	DAY		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up .....89.25		
02 87 19 00-0110	WK		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up .....245.44		
02 87 19 00-0111	MO		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up .....669.38		
02 87 19 00-0112	DAY		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....28.47		
02 87 19 00-0113	WK		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....78.28		
02 87 19 00-0114	MO		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....213.49		
02 87 19 00-0115	DAY		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up .....94.43		
02 87 19 00-0116	WK		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up .....387.85		
02 87 19 00-0117	MO		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up .....1,171.98		
02 87 19 00-0118	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up .....158.14 Note: Required if over 800 hours operation.		

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 19 00-0119	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	283.73
02 87 19 00-0120	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	567.46
02 87 19 00-0121	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,134.92
02 87 19 00-0122	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	378.31
02 87 19 00-0123	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	756.62
02 87 19 00-0124	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,513.23
02 87 19 00-0125	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	560.40
02 87 19 00-0126	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,120.80
02 87 19 00-0127	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,241.60
02 87 19 00-0128	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	747.20
02 87 19 00-0129	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,494.40
02 87 19 00-0130	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,988.80
02 87 19 00-0131	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	934.00
02 87 19 00-0132	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,868.00
02 87 19 00-0133	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,736.00
02 87 19 00-0134	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	98.77
02 87 19 00-0135	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	197.53
02 87 19 00-0136	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	592.61
02 87 19 00-0137	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,185.21
02 87 19 00-0138	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,975.35
02 87 19 00-0139	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	62.04
02 87 19 00-0140	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	170.62
02 87 19 00-0141	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	465.32

02 87 19 00-0142 Bio-Hazard And Infectious Disease Control Hauling By Truck (02 87 19)

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

02 87 19 00-0143	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	87.26
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.09
02 87 19 00-0144	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up	122.06
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.53
02 87 19 00-0145	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	126.37
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.58
02 87 19 00-0146	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	132.34
		Note: Each first 15 miles per trip	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.65

02 87 19 00-0147 Bio-Hazard And Infectious Disease Control Disposal (02 87 19)

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

02 87 19 00-0148	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	39.52
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02 87 19 00-0149 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters (02 87 19)

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

02 87 19 00-0150	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	26,257.96
02 87 19 00-0151	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	2,524.26
02 87 19 00-0152	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	4,176.65
02 87 19 00-0153	SF	Sub Flooring For Medical Shelter (AKS-AB846)	3.94
02 87 19 00-0154	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	1,146.38
02 87 19 00-0155	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	18,776.63
02 87 19 00-0156	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	654.46
02 87 19 00-0157	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5)	29,554.10
		Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	
02 87 19 00-0158	EA	6' Step Ladder (AKS-AC595)	180.46
02 87 19 00-0159	EA	10 Lbs Sledgehammer (AKS-AA268)	53.30

02 87 19 00-0160 Bio-Hazard And Infectious Disease Time And Material Tasks (02 87 19)

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

02 87 19 00-0161 Bio-Hazard And Infectious Disease Control Labor (02 87 19 00-0160)

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

02 87 19 00-0162	HR	General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	87.41
02 87 19 00-0163	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	120.86
02 87 19 00-0164	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	100.05
02 87 19 00-0165	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	120.30
02 87 19 00-0166	HR	Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	132.30

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 87 19 00-0167 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment (02 87 19 00-0160)
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0168	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	9.42
02 87 19 00-0169	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	15.42
02 87 19 00-0170	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	10.00
02 87 19 00-0171	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	71.93
02 87 19 00-0172	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	32.92
02 87 19 00-0173	EA	Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	219.45
		Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	
02 87 19 00-0174	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	30.00
		Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	
02 87 19 00-0175	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	54.50
		Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	
02 87 19 00-0176	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	17.08
02 87 19 00-0177	EA	Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	14.59
02 87 19 00-0178	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	1,466.85
		Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	

02 87 19 00-0179 Bio-Hazard And Infectious Disease Control Expendables (02 87 19 00-0160)
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0035 for temporary walls.

02 87 19 00-0180	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up	9.18
02 87 19 00-0181	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	2.41
02 87 19 00-0182	GAL	Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up	89.98
02 87 19 00-0183	GAL	Goldshield® G55 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up	199.88
		Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	
02 87 19 00-0184	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	9.54
02 87 19 00-0185	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	4.50
02 87 19 00-0186	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	11.71
02 87 19 00-0187	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	43.67
02 87 19 00-0188	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	47.20
02 87 19 00-0189	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	6.96
02 87 19 00-0190	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	14.05
02 87 19 00-0191	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	145.31

02 89 Hazmat Ancillary Tasks And Support (02 80)

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

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

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

02 89 00 00-0004	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.33
02 89 00 00-0005	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.43
02 89 00 00-0006	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.58
02 89 00 00-0007	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction	0.54
02 89 00 00-0008	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.70
02 89 00 00-0009	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.93

02 89 00 00-0010 Decontamination Chambers (02 89)
Note: Includes removal after use.

02 89 00 00-0011	EA	3 Stage Portable Personnel Decontamination Wash Facility	684.71
		Note: Includes connection to negative air system.	
02 89 00 00-0012	EA	5 Stage Portable Personnel Decontamination Wash Facility	809.36
		Note: Includes connection to negative air system.	
02 89 00 00-0013	EA	Portable Waste Decontamination Unit	437.34
		Note: Includes connection to negative air system.	
		<i>For Dismantling And Relocation To A Different Area, Add</i>	308.50

02 90 Disaster Recovery (02)

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

02 90 50 Cleaning And Emergency Clean-up (02 90)

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning And Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0001		Non-Mold Contaminated Wet Material Removal <small>(02 90 50)</small>	
Note: For materials that do not require mold abatement.			
02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Emergency Clean-up	7.92
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Emergency Clean-up	1.93
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Emergency Clean-up	0.16
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Emergency Clean-up	0.19
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.19
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.29
02 90 50 00-0008		Cleaning <small>(02 90 50)</small>	
Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required			
02 90 50 00-0009		Clean Furnishings <small>(02 90 50 00-0008)</small>	
02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Emergency Clean-up	26.79
		<i>For Medium Clean, Add</i>	11.25
		<i>For Heavy Clean, Add</i>	34.83
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Emergency Clean-up	1.49
		<i>For Medium Clean, Add</i>	0.63
		<i>For Heavy Clean, Add</i>	1.94
02 90 50 00-0012	LF	Shelving, Light Clean For Emergency Clean-up	2.68
		<i>For Medium Clean, Add</i>	1.13
		<i>For Heavy Clean, Add</i>	3.48
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Emergency Clean-up	7.74
		<i>For Medium Clean, Add</i>	3.25
		<i>For Heavy Clean, Add</i>	10.06
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Emergency Clean-up	25.01
		<i>For Medium Clean, Add</i>	10.50
		<i>For Heavy Clean, Add</i>	32.51
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Emergency Clean-up	154.24
		<i>For Medium Clean, Add</i>	64.78
		<i>For Heavy Clean, Add</i>	200.51
02 90 50 00-0016	EA	Desk, Light Clean For Emergency Clean-up	31.56
		<i>For Medium Clean, Add</i>	13.26
		<i>For Heavy Clean, Add</i>	41.03
02 90 50 00-0017	EA	Table, Light Clean For Emergency Clean-up	29.78
		<i>For Medium Clean, Add</i>	12.51
		<i>For Heavy Clean, Add</i>	38.71
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Emergency Clean-up	6.53
		<i>For Medium Clean, Add</i>	2.74
		<i>For Heavy Clean, Add</i>	8.49
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Emergency Clean-up	8.36
		<i>For Medium Clean, Add</i>	3.51
		<i>For Heavy Clean, Add</i>	10.87
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	6.85
		<i>For Medium Clean, Add</i>	2.88
		<i>For Heavy Clean, Add</i>	8.91
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	13.40
		<i>For Medium Clean, Add</i>	5.63
		<i>For Heavy Clean, Add</i>	17.42
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	6.85
		<i>For Medium Clean, Add</i>	2.88
		<i>For Heavy Clean, Add</i>	8.91
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	11.92
		<i>For Medium Clean, Add</i>	5.01
		<i>For Heavy Clean, Add</i>	15.50
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Emergency Clean-up	2.86
		<i>For Medium Clean, Add</i>	1.20
		<i>For Heavy Clean, Add</i>	3.72
02 90 50 00-0025		Clean Hard Surfaces <small>(02 90 50 00-0008)</small>	
02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Emergency Clean-up	0.39
		<i>For Medium Clean, Add</i>	0.16
		<i>For Heavy Clean, Add</i>	0.51
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.07
		<i>For Medium Clean, Add</i>	2.13
		<i>For Heavy Clean, Add</i>	6.59
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.75
		<i>For Medium Clean, Add</i>	2.42
		<i>For Heavy Clean, Add</i>	7.48
02 90 50 00-0029	SF	Overhead Door, Light Clean For Emergency Clean-up	0.40
		<i>For Medium Clean, Add</i>	0.17
		<i>For Heavy Clean, Add</i>	0.52
02 90 50 00-0030	SF	Mirror, Light Clean For Emergency Clean-up	0.30
		<i>For Medium Clean, Add</i>	0.13
		<i>For Heavy Clean, Add</i>	0.39
02 90 50 00-0031	SF	Window, Light Clean For Emergency Clean-up	0.88
		<i>For Medium Clean, Add</i>	0.37
		<i>For Heavy Clean, Add</i>	1.14
02 90 50 00-0032	LF	Handrail, Light Clean For Emergency Clean-up	0.78
		<i>For Medium Clean, Add</i>	0.33
		<i>For Heavy Clean, Add</i>	1.01
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Emergency Clean-up	0.41
		<i>For Medium Clean, Add</i>	0.17
		<i>For Heavy Clean, Add</i>	0.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0034	SF		Hard Floor, Light Clean For Emergency Clean-up.....	0.35	
			<i>For Medium Clean, Add</i>	0.15	
			<i>For Heavy Clean, Add</i>	0.46	
02 90 50 00-0035	SF		Carpet, Light Clean For Emergency Clean-up.....	0.36	
			<i>For Medium Clean, Add</i>	0.15	
			<i>For Heavy Clean, Add</i>	0.47	
02 90 50 00-0036	SF		Hard Ceiling, Light Clean For Emergency Clean-up.....	0.28	
			<i>For Medium Clean, Add</i>	0.12	
			<i>For Heavy Clean, Add</i>	0.36	
02 90 50 00-0037	SF		Suspended Ceiling, Tile And Grid, Light Clean For Emergency Clean-up.....	0.30	
			<i>For Medium Clean, Add</i>	0.13	
			<i>For Heavy Clean, Add</i>	0.39	
02 90 50 00-0038	SF		Ceramic Tile Wall, Light Clean For Emergency Clean-up.....	0.25	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.33	
02 90 50 00-0039	SF		Wall, Light Clean For Emergency Clean-up.....	0.18	
			<i>For Medium Clean, Add</i>	0.08	
			<i>For Heavy Clean, Add</i>	0.23	
02 90 50 00-0040	SF		Masonry Wall, Light Clean For Emergency Clean-up.....	0.25	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.33	
02 90 50 00-0041	EA		Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up.....	62.81	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	26.38	
			<i>For Heavy Clean, Add</i>	81.65	
02 90 50 00-0042	EA		>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up.....	78.50	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	32.97	
			<i>For Heavy Clean, Add</i>	102.05	
02 90 50 00-0043	EA		>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up.....	94.20	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	39.56	
			<i>For Heavy Clean, Add</i>	122.46	
02 90 50 00-0044	EA		>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up.....	109.91	
			<i>For Medium Clean, Add</i>	46.16	
			<i>For Heavy Clean, Add</i>	142.88	
02 90 50 00-0045			Clean Window Treatments (02 90 50 00-0008)		
02 90 50 00-0046	SF		Window Blind, Light Clean For Emergency Clean-up.....	0.68	
			<i>For Medium Clean, Add</i>	0.29	
			<i>For Heavy Clean, Add</i>	0.88	
02 90 50 00-0047	EA		Up To 6' Long Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.39	
			<i>For Medium Clean, Add</i>	0.58	
			<i>For Heavy Clean, Add</i>	1.81	
02 90 50 00-0048	EA		Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.60	
			<i>For Medium Clean, Add</i>	0.67	
			<i>For Heavy Clean, Add</i>	2.08	
02 90 50 00-0049	EA		>6' To 8' Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.47	
			<i>For Medium Clean, Add</i>	0.62	
			<i>For Heavy Clean, Add</i>	1.91	
02 90 50 00-0050	EA		>6' To 8' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.69	
			<i>For Medium Clean, Add</i>	0.71	
			<i>For Heavy Clean, Add</i>	2.20	
02 90 50 00-0051	EA		>8' To 10' Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.79	
			<i>For Medium Clean, Add</i>	0.75	
			<i>For Heavy Clean, Add</i>	2.33	
02 90 50 00-0052	EA		>8' To 10' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	2.07	
			<i>For Medium Clean, Add</i>	0.87	
			<i>For Heavy Clean, Add</i>	2.69	
02 90 50 00-0053			Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054	EA		Microwave Oven, Outside, Light Clean For Emergency Clean-up.....	12.34	
			<i>For Medium Clean, Add</i>	5.18	
			<i>For Heavy Clean, Add</i>	16.04	
02 90 50 00-0055	EA		Refrigerator, Outside, Light Clean For Emergency Clean-up.....	29.07	
			<i>For Medium Clean, Add</i>	12.21	
			<i>For Heavy Clean, Add</i>	37.79	
02 90 50 00-0056	EA		Range, Outside, Light Clean For Emergency Clean-up.....	25.12	
			<i>For Medium Clean, Add</i>	10.55	
			<i>For Heavy Clean, Add</i>	32.66	
02 90 50 00-0057			Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058	EA		Water Heater, Light Clean For Emergency Clean-up.....	17.86	
			<i>For Medium Clean, Add</i>	7.50	
			<i>For Heavy Clean, Add</i>	23.22	
02 90 50 00-0059	EA		Plumbing Fixture, Light Clean For Emergency Clean-up.....	18.04	
			<i>For Medium Clean, Add</i>	7.58	
			<i>For Heavy Clean, Add</i>	23.45	
02 90 50 00-0060	EA		Restroom Accessory, Light Clean For Emergency Clean-up.....	8.27	
			<i>For Medium Clean, Add</i>	3.47	
			<i>For Heavy Clean, Add</i>	10.75	
02 90 50 00-0061			Clean HVAC (02 90 50 00-0008)		

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning And Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Emergency Clean-up.....	5.33	
		<i>For Medium Clean, Add</i>	2.24	
		<i>For Heavy Clean, Add</i>	6.93	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Emergency Clean-up	14.89	
		<i>For Medium Clean, Add</i>	6.25	
		<i>For Heavy Clean, Add</i>	19.36	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Emergency Clean-up	57.17	
		<i>For Medium Clean, Add</i>	24.01	
		<i>For Heavy Clean, Add</i>	74.32	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Emergency Clean-up	5.36	
		<i>For Medium Clean, Add</i>	2.25	
		<i>For Heavy Clean, Add</i>	6.97	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Emergency Clean-up.....	37.13	
		<i>For Medium Clean, Add</i>	15.59	
		<i>For Heavy Clean, Add</i>	48.27	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Emergency Clean-up	33.05	
		<i>For Medium Clean, Add</i>	13.88	
		<i>For Heavy Clean, Add</i>	42.97	
02 90 50 00-0068		Clean Electrical (02 90 50 00-0008)		
02 90 50 00-0069	EA	Electric Fan, Light Clean For Emergency Clean-up	22.04	
		<i>For Medium Clean, Add</i>	9.26	
		<i>For Heavy Clean, Add</i>	28.65	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Emergency Clean-up.....	23.82	
		<i>For Medium Clean, Add</i>	10.00	
		<i>For Heavy Clean, Add</i>	30.97	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Emergency Clean-up.....	30.97	
		<i>For Medium Clean, Add</i>	13.01	
		<i>For Heavy Clean, Add</i>	40.26	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Emergency Clean-up	21.74	
		<i>For Medium Clean, Add</i>	9.13	
		<i>For Heavy Clean, Add</i>	28.26	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Emergency Clean-up	14.29	
		<i>For Medium Clean, Add</i>	6.00	
		<i>For Heavy Clean, Add</i>	18.58	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Emergency Clean-up	6.55	
		<i>For Medium Clean, Add</i>	2.75	
		<i>For Heavy Clean, Add</i>	8.52	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Emergency Clean-up	5.07	
		<i>For Medium Clean, Add</i>	2.13	
		<i>For Heavy Clean, Add</i>	6.59	
02 90 50 00-0076	EA	Thermostat, Light Clean For Emergency Clean-up.....	1.78	
		<i>For Medium Clean, Add</i>	0.75	
		<i>For Heavy Clean, Add</i>	2.31	
02 90 50 00-0077		Thermal Fog (02 90 50 00-0008)		
02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Emergency Clean-up.....	0.02	
02 90 50 00-0079		Contents Manipulation (02 90 50)		
02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Emergency Clean-up.....	0.21	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Emergency Clean-up	0.26	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Emergency Clean-up	0.47	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Emergency Clean-up.....	125.92	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Emergency Clean-up.....	167.00	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Emergency Clean-up.....	138.52	
02 90 50 00-0086		Water Emergency Clean-up (02 90 50)		
02 90 50 00-0087	LF	Detach Baseboard For Emergency Clean-up	0.62	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Emergency Clean-up	1.11	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Emergency Clean-up	4.08	
02 90 50 00-0090	SF	Water Extraction From Floor For Emergency Clean-up.....	0.43	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Emergency Clean-up	0.68	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Emergency Clean-up	1.09	
02 90 50 00-0093	SF	Tear Out Wet Non Salvageable Carpet For Emergency Clean-up.....	0.34	
02 90 50 00-0094	SF	Tear Out Wet Non Salvageable Carpet, Black Water For Emergency Clean-up	0.40	
02 90 50 00-0095	SF	Tear Out Wet Non Salvageable Glue Down Carpet For Emergency Clean-up.....	0.60	
02 90 50 00-0096	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Emergency Clean-up.....	0.88	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Emergency Clean-up.....	0.83	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Emergency Clean-up.....	1.22	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Emergency Clean-up	3.16	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Emergency Clean-up.....	1.55	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Emergency Clean-up.....	2.28	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Emergency Clean-up.....	0.26	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Emergency Clean-up.....	0.26	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Emergency Clean-up.....	0.44	
02 90 50 00-0105	SF	Apply Antimicrobial Agent For Emergency Clean-up	0.24	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Emergency Clean-up	0.33	
02 90 50 00-0107		Emergency Clean-up Labor (02 90 50)		
		Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0108	HR	Skilled Tradesman For Emergency Clean Up.....	60.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0109	HR		Restoration / Document Laborer For Emergency Clean Up.....	42.00	
02 90 50 00-0110	HR		Restoration / Document Supervisor For Emergency Clean Up.....	57.75	
02 90 50 00-0111	HR		Restoration / Document Project Manager For Emergency Clean Up.....	94.50	
02 90 50 00-0112	HR		Assistant Project Manager For Emergency Clean Up.....	78.75	
02 90 50 00-0113	HR		Senior Project Manager For Emergency Clean Up.....	110.25	
02 90 50 00-0114	HR		Project Director / Document Consultant / Account Manager For Emergency Clean Up.....	157.50	
02 90 50 00-0115	HR		Equipment Technician For Emergency Clean Up.....	115.50	
02 90 50 00-0116	HR		Mold Remediation Laborer For Emergency Clean Up.....	57.50	
02 90 50 00-0117	HR		Mold Remediation Supervisor For Emergency Clean Up.....	78.75	
02 90 50 00-0118	HR		Administrative Personnel For Emergency Clean Up.....	36.75	
02 90 50 00-0119	HR		Project Accountant For Emergency Clean Up.....	60.00	
02 90 50 00-0120	HR		Biohazard Technician For Emergency Clean Up.....	83.38	
02 90 50 00-0121	HR		Biohazard Supervisor For Emergency Clean Up.....	100.25	
02 90 50 00-0122	HR		Health And Safety Officer For Emergency Clean Up.....	90.00	
02 90 50 00-0123	HR		Resource And Logistics Coordinator For Emergency Clean Up.....	65.00	
02 90 50 00-0124	HR		Loss Control Specialist For Emergency Clean Up.....	63.00	
02 90 50 00-0125	HR		Moisture Control Specialist For Emergency Clean Up.....	52.00	
02 90 50 00-0126	HR		Mobilization Support For Emergency Clean Up.....	32.00	
02 90 50 00-0127			Emergency Clean-up Equipment (02 90 50)		
Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.					
02 90 50 00-0128			General Emergency Clean-up Equipment (02 90 50 00-0127)		
02 90 50 00-0129	DAY		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	129.38	
02 90 50 00-0130	WK		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	493.58	
02 90 50 00-0131	MO		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	1,351.34	
02 90 50 00-0132	DAY		13" Floor Buffer Rental For Emergency Clean-up.....	34.16	
02 90 50 00-0133	WK		13" Floor Buffer Rental For Emergency Clean-up.....	95.93	
02 90 50 00-0134	MO		13" Floor Buffer Rental For Emergency Clean-up.....	264.82	
02 90 50 00-0135	DAY		17" Floor Buffer Rental For Emergency Clean-up.....	66.20	
02 90 50 00-0136	WK		17" Floor Buffer Rental For Emergency Clean-up.....	168.89	
02 90 50 00-0137	MO		17" Floor Buffer Rental For Emergency Clean-up.....	398.57	
02 90 50 00-0138	DAY		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	364.80	
02 90 50 00-0139	WK		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	979.55	
02 90 50 00-0140	MO		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	2,729.22	
02 90 50 00-0141	DAY		Ride-On Floor Scrubber Rental For Emergency Clean-up.....	824.17	
02 90 50 00-0142	WK		Ride-On Floor Scrubber Rental For Emergency Clean-up.....	2,175.27	
02 90 50 00-0143	MO		Ride-On Floor Scrubber Rental For Emergency Clean-up.....	5,863.77	
02 90 50 00-0144	DAY		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	59.45	
02 90 50 00-0145	WK		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	168.89	
02 90 50 00-0146	MO		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	580.97	
02 90 50 00-0147	DAY		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	55.40	
02 90 50 00-0148	WK		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	148.62	
02 90 50 00-0149	MO		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	385.06	
02 90 50 00-0150	DAY		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	88.63	
02 90 50 00-0151	WK		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	252.93	
02 90 50 00-0152	MO		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	706.90	
02 90 50 00-0153	DAY		Truck Mounted Extractor Rental For Emergency Clean-up.....	556.38	
02 90 50 00-0154	WK		Truck Mounted Extractor Rental For Emergency Clean-up.....	1,669.14	
02 90 50 00-0155	MO		Truck Mounted Extractor Rental For Emergency Clean-up.....	5,007.42	
02 90 50 00-0156	DAY		16" Chain Saw Rental For Emergency Clean-up.....	64.85	
02 90 50 00-0157	WK		16" Chain Saw Rental For Emergency Clean-up.....	145.92	
02 90 50 00-0158	MO		16" Chain Saw Rental For Emergency Clean-up.....	389.12	
02 90 50 00-0159	DAY		20" Chain Saw Rental For Emergency Clean-up.....	81.07	
02 90 50 00-0160	WK		20" Chain Saw Rental For Emergency Clean-up.....	182.40	
02 90 50 00-0161	MO		20" Chain Saw Rental For Emergency Clean-up.....	486.40	
02 90 50 00-0162	EA		Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....	60.80	
02 90 50 00-0163	DAY		14" Electric Cut Off Saw Rental For Emergency Clean-up.....	86.47	
02 90 50 00-0164	WK		14" Electric Cut Off Saw Rental For Emergency Clean-up.....	236.44	
02 90 50 00-0165	MO		14" Electric Cut Off Saw Rental For Emergency Clean-up.....	662.04	
02 90 50 00-0166	DAY		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	105.39	
02 90 50 00-0167	WK		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	358.04	
02 90 50 00-0168	MO		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	682.31	
02 90 50 00-0169	DAY		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	96.78	
02 90 50 00-0170	DAY		Extension Cords - 220 Volt For Emergency Clean-up.....	33.78	
02 90 50 00-0171	DAY		Extension Cords - 220 Volt Converter Box For Emergency Clean-up.....	20.27	
02 90 50 00-0172	DAY		Demolition Cart, 7 Yard For Emergency Clean-up.....	51.24	
02 90 50 00-0173	EA		Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up.....	101.33	
02 90 50 00-0174	DAY		Dry-Ice Blasting System For Emergency Clean-up.....	1,094.21	
02 90 50 00-0175	DAY		Fogger - Mist For Emergency Clean-up.....	28.47	
02 90 50 00-0176	DAY		Fogger - Electric Thermal For Emergency Clean-up.....	40.99	
02 90 50 00-0177	DAY		Fogger - Gas Power Thermal For Emergency Clean-up.....	110.11	
02 90 50 00-0178	EA		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	135.55	
02 90 50 00-0179	DAY		Hand Trucks/Dollies For Emergency Clean-up.....	16.21	
02 90 50 00-0180	DAY		Heat Gun - Shrink Wrap For Emergency Clean-up.....	84.30	
02 90 50 00-0181	DAY		High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up.....	119.28	
Note: Includes all filters.					
02 90 50 00-0182	DAY		Ladder For Emergency Clean-up.....	22.97	
02 90 50 00-0183	DAY		Lights - Demo, Drop, Stand, String For Emergency Clean-up.....	20.50	
02 90 50 00-0184	DAY		Lights - Wobble For Emergency Clean-up.....	25.05	
02 90 50 00-0185	DAY		Moisture Meter For Emergency Clean-up.....	34.16	
02 90 50 00-0186	DAY		Nail Gun For Emergency Clean-up.....	60.80	
02 90 50 00-0187	DAY		Ozone Generator For Emergency Clean-up.....	142.33	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning And Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0188	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	81.07	
02 90 50 00-0189	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	113.86	
02 90 50 00-0190	DAY	Pressure Washer, Hot For Emergency Clean-up	170.79	
02 90 50 00-0191	DAY	Pressure Washer, Cold For Emergency Clean-up	113.86	
02 90 50 00-0192	DAY	Scaffolding - Per Section For Emergency Clean-up	87.82	
02 90 50 00-0193	DAY	Small Tools - Tool Box For Emergency Clean-up	33.78	
02 90 50 00-0194	DAY	Soda Blasting Equipment For Emergency Clean-up	1,085.78	
02 90 50 00-0195	DAY	Sprayer - Hudson For Emergency Clean-up	10.81	
02 90 50 00-0196	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	91.61	
02 90 50 00-0197	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	2.62	
02 90 50 00-0198	DAY	Submersible Pump For Emergency Clean-up	28.47	
02 90 50 00-0199	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	156.24	
02 90 50 00-0200	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	77.56	
02 90 50 00-0201	DAY	Vehicle, Van For Emergency Clean-up	126.45	
02 90 50 00-0202	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up	152.93	
		Note: Includes Mileage		
02 90 50 00-0203	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	168.04	
02 90 50 00-0204	DAY	Utility Trailer For Emergency Clean-up	139.94	
		Note: Includes Mileage		
02 90 50 00-0205	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	631.13	
02 90 50 00-0206	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	28.47	
02 90 50 00-0207	DAY	Vacuum - Shop Vacuum For Emergency Clean-up	28.47	
02 90 50 00-0208	DAY	Vacuum - Commercial For Emergency Clean-up	85.40	
02 90 50 00-0209	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	96.78	
02 90 50 00-0210	DAY	Vacuum - Upright For Emergency Clean-up	18.55	
02 90 50 00-0211	DAY	Zip Walls (Per 2 Poles) For Emergency Clean-up	28.47	
02 90 50 00-0212	DAY	2 Way Radio For Emergency Clean-up	22.77	

02 90 50 00-0213 Technical/Electronics Restoration Equipment (02 90 50 00-0127)

02 90 50 00-0214	DAY	Computer - Diagnostic For Emergency Clean-up	33.78	
02 90 50 00-0215	WK	Computer - Diagnostic For Emergency Clean-up	92.89	
02 90 50 00-0216	MO	Computer - Diagnostic For Emergency Clean-up	253.33	
02 90 50 00-0217	DAY	Convection Oven - Large For Emergency Clean-up	490.63	
02 90 50 00-0218	WK	Convection Oven - Large For Emergency Clean-up	1,349.22	
02 90 50 00-0219	MO	Convection Oven - Large For Emergency Clean-up	3,679.70	
02 90 50 00-0220	DAY	Convection Oven - Small For Emergency Clean-up	121.60	
02 90 50 00-0221	WK	Convection Oven - Small For Emergency Clean-up	334.40	
02 90 50 00-0222	MO	Convection Oven - Small For Emergency Clean-up	911.99	
02 90 50 00-0223	DAY	Convection Oven - Vacuum For Emergency Clean-up	700.25	
02 90 50 00-0224	WK	Convection Oven - Vacuum For Emergency Clean-up	1,925.69	
02 90 50 00-0225	MO	Convection Oven - Vacuum For Emergency Clean-up	5,251.89	
02 90 50 00-0226	DAY	Decontamination Booth For Emergency Clean-up	578.86	
02 90 50 00-0227	WK	Decontamination Booth For Emergency Clean-up	1,591.86	
02 90 50 00-0228	MO	Decontamination Booth For Emergency Clean-up	4,341.45	
02 90 50 00-0229	DAY	DI Water System For Emergency Clean-up	44.96	
02 90 50 00-0230	WK	DI Water System For Emergency Clean-up	123.64	
02 90 50 00-0231	MO	DI Water System For Emergency Clean-up	337.20	
02 90 50 00-0232	DAY	ESD Bench Workstation For Emergency Clean-up	27.54	
02 90 50 00-0233	WK	ESD Bench Workstation For Emergency Clean-up	75.73	
02 90 50 00-0234	MO	ESD Bench Workstation For Emergency Clean-up	206.54	
02 90 50 00-0235	DAY	Heater/Enclosure Control System For Emergency Clean-up	20.27	
02 90 50 00-0236	WK	Heater/Enclosure Control System For Emergency Clean-up	55.73	
02 90 50 00-0237	MO	Heater/Enclosure Control System For Emergency Clean-up	152.00	
02 90 50 00-0238	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	70.81	
02 90 50 00-0239	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	194.73	
02 90 50 00-0240	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	531.09	
02 90 50 00-0241	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	304.00	
02 90 50 00-0242	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	835.99	
02 90 50 00-0243	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	2,279.98	
02 90 50 00-0244	DAY	Mobile Laboratory For Emergency Clean-up	844.44	
02 90 50 00-0245	WK	Mobile Laboratory For Emergency Clean-up	2,322.20	
02 90 50 00-0246	MO	Mobile Laboratory For Emergency Clean-up	6,333.28	
02 90 50 00-0247	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	16.21	
02 90 50 00-0248	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	44.59	
02 90 50 00-0249	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	121.60	
02 90 50 00-0250	DAY	Odell Cleaning Station For Emergency Clean-up	472.88	
02 90 50 00-0251	WK	Odell Cleaning Station For Emergency Clean-up	1,300.43	
02 90 50 00-0252	MO	Odell Cleaning Station For Emergency Clean-up	3,546.64	
02 90 50 00-0253	DAY	Parts Washer For Emergency Clean-up	33.78	
02 90 50 00-0254	WK	Parts Washer For Emergency Clean-up	92.89	
02 90 50 00-0255	MO	Parts Washer For Emergency Clean-up	253.33	
02 90 50 00-0256	DAY	Ultrasonic Cleaning System For Emergency Clean-up	210.75	
02 90 50 00-0257	WK	Ultrasonic Cleaning System For Emergency Clean-up	579.56	
02 90 50 00-0258	MO	Ultrasonic Cleaning System For Emergency Clean-up	1,580.62	
02 90 50 00-0259	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	89.25	
02 90 50 00-0260	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	245.44	
02 90 50 00-0261	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	669.38	

02 90 50 00-0262 Drying/Dehumidification Equipment (02 90 50 00-0127)

02 90 50 00-0263	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	142.33	
		Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 50 00-0264	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	391.40	
		Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0265	MO		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,067.46	
02 90 50 00-0266	DAY		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	33.21	
02 90 50 00-0267	WK		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	91.32	
02 90 50 00-0268	MO		2,200 CFM Centrifugal Air Mover For Emergency Clean-up	249.06	
02 90 50 00-0269	DAY		3,000 CFM Axial Air Mover For Emergency Clean-up	55.35	
02 90 50 00-0270	WK		3,000 CFM Axial Air Mover For Emergency Clean-up	152.20	
02 90 50 00-0271	MO		3,000 CFM Axial Air Mover For Emergency Clean-up	415.10	
02 90 50 00-0272	DAY		Injectidry System For Emergency Clean-up.....	176.49	
02 90 50 00-0273	WK		Injectidry System For Emergency Clean-up.....	485.34	
02 90 50 00-0274	MO		Injectidry System For Emergency Clean-up.....	1,323.65	
02 90 50 00-0275	DAY		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	113.86	
02 90 50 00-0276	WK		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	313.12	
02 90 50 00-0277	MO		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	853.96	
02 90 50 00-0278	DAY		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	168.89	
02 90 50 00-0279	WK		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	464.44	
02 90 50 00-0280	MO		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,266.66	
02 90 50 00-0281	DAY		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	157.24	
02 90 50 00-0282	WK		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	432.40	
02 90 50 00-0283	MO		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,179.28	
02 90 50 00-0284	DAY		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	168.08	
02 90 50 00-0285	WK		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	462.23	
02 90 50 00-0286	MO		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,260.62	
02 90 50 00-0287	DAY		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	168.08	
02 90 50 00-0288	WK		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	462.23	
02 90 50 00-0289	MO		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,260.62	
02 90 50 00-0290	DAY		D-500 Desiccant Dehumidifier For Emergency Clean-up	189.77	
02 90 50 00-0291	WK		D-500 Desiccant Dehumidifier For Emergency Clean-up	521.87	
02 90 50 00-0292	MO		D-500 Desiccant Dehumidifier For Emergency Clean-up	1,423.28	
02 90 50 00-0293	DAY		D-750 Desiccant Dehumidifier For Emergency Clean-up	398.52	
02 90 50 00-0294	WK		D-750 Desiccant Dehumidifier For Emergency Clean-up	1,095.92	
02 90 50 00-0295	MO		D-750 Desiccant Dehumidifier For Emergency Clean-up	2,988.88	
02 90 50 00-0296	DAY		D-1000 Desiccant Dehumidifier For Emergency Clean-up	683.17	
02 90 50 00-0297	WK		D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,878.72	
02 90 50 00-0298	MO		D-1000 Desiccant Dehumidifier For Emergency Clean-up	5,123.79	
02 90 50 00-0299	DAY		D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,051.87	
02 90 50 00-0300	WK		D-1500 Desiccant Dehumidifier For Emergency Clean-up	2,892.64	
02 90 50 00-0301	MO		D-1500 Desiccant Dehumidifier For Emergency Clean-up	7,889.01	
02 90 50 00-0302	DAY		D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,051.87	
02 90 50 00-0303	WK		D-2000 Desiccant Dehumidifier For Emergency Clean-up	2,892.64	
02 90 50 00-0304	MO		D-2000 Desiccant Dehumidifier For Emergency Clean-up	7,889.01	
02 90 50 00-0305	DAY		D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,098.50	
02 90 50 00-0306	WK		D-2250 Desiccant Dehumidifier For Emergency Clean-up	3,020.87	
02 90 50 00-0307	MO		D-2250 Desiccant Dehumidifier For Emergency Clean-up	8,238.73	
02 90 50 00-0308	DAY		D-3000 Desiccant Dehumidifier For Emergency Clean-up	1,366.34	
02 90 50 00-0309	WK		D-3000 Desiccant Dehumidifier For Emergency Clean-up	3,757.45	
02 90 50 00-0310	MO		D-3000 Desiccant Dehumidifier For Emergency Clean-up	10,247.58	
02 90 50 00-0311	DAY		D-4500 Desiccant Dehumidifier For Emergency Clean-up	1,537.14	
02 90 50 00-0312	WK		D-4500 Desiccant Dehumidifier For Emergency Clean-up	4,227.13	
02 90 50 00-0313	MO		D-4500 Desiccant Dehumidifier For Emergency Clean-up	11,528.53	
02 90 50 00-0314	DAY		D-5000 Desiccant Dehumidifier For Emergency Clean-up	1,651.00	
02 90 50 00-0315	WK		D-5000 Desiccant Dehumidifier For Emergency Clean-up	4,540.25	
02 90 50 00-0316	MO		D-5000 Desiccant Dehumidifier For Emergency Clean-up	12,382.49	
02 90 50 00-0317	DAY		D-9000 Desiccant Dehumidifier For Emergency Clean-up	2,168.80	
02 90 50 00-0318	WK		D-9000 Desiccant Dehumidifier For Emergency Clean-up	5,964.20	
02 90 50 00-0319	MO		D-9000 Desiccant Dehumidifier For Emergency Clean-up	16,266.00	
02 90 50 00-0320	DAY		D-10500 Desiccant Dehumidifier For Emergency Clean-up	2,277.24	
02 90 50 00-0321	WK		D-10500 Desiccant Dehumidifier For Emergency Clean-up	6,262.41	
02 90 50 00-0322	MO		D-10500 Desiccant Dehumidifier For Emergency Clean-up	17,079.30	
02 90 50 00-0323	DAY		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	370.05	
02 90 50 00-0324	WK		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,017.64	
02 90 50 00-0325	MO		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,775.39	
02 90 50 00-0326	DAY		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	512.38	
02 90 50 00-0327	WK		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,409.04	
02 90 50 00-0328	MO		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,842.84	
02 90 50 00-0329	DAY		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	683.17	
02 90 50 00-0330	WK		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,878.72	
02 90 50 00-0331	MO		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	5,123.79	
02 90 50 00-0332	DAY		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	910.90	
02 90 50 00-0333	WK		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,504.96	
02 90 50 00-0334	MO		25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,831.72	
02 90 50 00-0335	DAY		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,537.14	
02 90 50 00-0336	WK		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,227.13	
02 90 50 00-0337	MO		50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	11,528.53	
02 90 50 00-0338	DAY		80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,707.93	
02 90 50 00-0339	WK		80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,696.81	
02 90 50 00-0340	MO		80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	12,809.48	
02 90 50 00-0341	DAY		25' Flex Duct For Emergency Clean-up.....	22.77	
02 90 50 00-0342	WK		25' Flex Duct For Emergency Clean-up.....	62.62	
02 90 50 00-0343	MO		25' Flex Duct For Emergency Clean-up.....	170.79	
02 90 50 00-0344	DAY		Hygrothermograph For Emergency Clean-up.....	33.78	
02 90 50 00-0345	WK		Hygrothermograph For Emergency Clean-up.....	92.89	
02 90 50 00-0346	MO		Hygrothermograph For Emergency Clean-up.....	253.33	
02 90 50 00-0347	DAY		Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	5,352.64	
			Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning And Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0348	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	14,719.75
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	
02 90 50 00-0349	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	40,144.78
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	
02 90 50 00-0350		Power Equipment (02 90 50 00-0127)	
02 90 50 00-0351	WK	Up to 65 KVA Generator For Emergency Clean-up	704.86
02 90 50 00-0352	WK	>65 to 125 KVA Generator For Emergency Clean-up.....	1,192.84
02 90 50 00-0353	WK	>125 to 250 KVA Generator For Emergency Clean-up.....	1,162.29
02 90 50 00-0354	WK	>250 to 375 KVA Generator For Emergency Clean-up.....	2,006.14
02 90 50 00-0355	WK	>375 Up to 440 KVA Generator For Emergency Clean-up.....	2,711.00
02 90 50 00-0356	WK	>440 to 625 KVA Generator For Emergency Clean-up.....	4,078.20
02 90 50 00-0357	WK	>625 to 800 KVA Generator For Emergency Clean-up.....	4,174.94
02 90 50 00-0358	WK	>800 to 1,000 KVA Generator For Emergency Clean-up.....	5,584.66
02 90 50 00-0359	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up.....	8,404.10
02 90 50 00-0360	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	18.22
02 90 50 00-0361	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	87.29
02 90 50 00-0362	EA	Electrical Distribution Panel For Emergency Clean-up	210.75
02 90 50 00-0363	EA	Quad Box Strings (25' Sections) For Emergency Clean-up.....	32.80
02 90 50 00-0364	EA	50' Power Cord For Spider Box For Emergency Clean-up.....	30.36
02 90 50 00-0365	EA	Pig Tails (Per Each) For Emergency Clean-up	3.38
02 90 50 00-0366		Freight Charges (02 90 50 00-0127)	
02 90 50 00-0367	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	1.69
02 90 50 00-0368	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	3.04
02 90 50 00-0369	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	3.04
02 90 50 00-0370	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	4.39
02 90 50 00-0371		Emergency Clean-up Personal Protection Equipment (02 90 50)	
		Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.	
02 90 50 00-0372	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	9.42
02 90 50 00-0373	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	32.92
02 90 50 00-0374	BOX	Dust Mask For Emergency Clean-up Personal Protection Equipment.....	36.71
02 90 50 00-0375	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment.....	2.53
02 90 50 00-0376	BOX	5 Mil, Disposable Latex Gloves For Emergency Clean-up Personal Protection Equipment, Box of 100.....	17.08
02 90 50 00-0377	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	8.55
02 90 50 00-0378	EA	Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	14.59
02 90 50 00-0379	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	10.00
02 90 50 00-0380	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	71.93
02 90 50 00-0381	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment.....	4.38
02 90 50 00-0382	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment.....	5.69
02 90 50 00-0383		Emergency Clean-up Expendables (02 90 50)	
		Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.	
02 90 50 00-0384		General Materials (02 90 50 00-0383)	
02 90 50 00-0385	GAL	Adhesive Remover For Emergency Clean-up.....	85.40
02 90 50 00-0386	GAL	Bio-HS For Emergency Clean-up.....	28.79
02 90 50 00-0387	GAL	Biocide For Emergency Clean-up	36.74
02 90 50 00-0388	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up.....	4.50
02 90 50 00-0389	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up.....	6.83
02 90 50 00-0390	GAL	Bleach For Emergency Clean-up	9.18
02 90 50 00-0391	EA	Small Stainless Brush For Emergency Clean-up	5.62
02 90 50 00-0392	EA	2-1/2 Gallon Buckets For Emergency Clean-up.....	7.13
02 90 50 00-0393	EA	5 Gallon Bucket For Emergency Clean-up.....	10.81
02 90 50 00-0394	GAL	Carpet Defoamer For Emergency Clean-up	27.81
02 90 50 00-0395	GAL	Carpet Pre-treat For Emergency Clean-up	20.79
02 90 50 00-0396	GAL	Carpet Spotter For Emergency Clean-up.....	34.84
02 90 50 00-0397	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up.....	28.10
02 90 50 00-0398	ROL	Carpet Masking/Shield For Emergency Clean-up.....	77.95
02 90 50 00-0399	EA	Chemical Sponge For Emergency Clean-up.....	3.36
02 90 50 00-0400	GAL	Clear Seal For Emergency Clean-up	114.82
02 90 50 00-0401	GAL	Coil Cleaner For Emergency Clean-up	53.67
02 90 50 00-0402	EA	Comfort Masks, Per Box 50 For Emergency Clean-up Personal Protection Equipment.....	39.44
02 90 50 00-0403	EA	Hooded Coverall With Elastic Wrists/Ankles For Emergency Clean-up Personal Protection Equipment.....	17.44
02 90 50 00-0404	EA	Decontamination Chamber For Emergency Clean-up	233.42
02 90 50 00-0405	GAL	All Purpose Degreaser For Emergency Clean-up.....	37.57
02 90 50 00-0406	GAL	De-Foamer Liquid For Emergency Clean-up	49.38
02 90 50 00-0407	EA	Deodorization Membrane For Emergency Clean-up.....	96.82
02 90 50 00-0408	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	147.62
02 90 50 00-0409	LB	Deodorizing Gel For Emergency Clean-up.....	34.68
02 90 50 00-0410	GAL	Deodorizing Liquid For Emergency Clean-up	51.34
02 90 50 00-0411	PAIL	Deodorizing Block For Emergency Clean-up	8.72
02 90 50 00-0412	GAL	Disinfectant/Antimicrobial For Emergency Clean-up.....	89.98
02 90 50 00-0413	GAL	BruClean Disinfectant For Emergency Clean-up	27.33
02 90 50 00-0414	GAL	Dryclean For Emergency Clean-up.....	40.34

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0415 GAL Duct Sealant Spray For Emergency Clean-up.....	60.80	
02 90 50 00-0416 GAL Antifungal Duct Sealant For Emergency Clean-up	87.82	
02 90 50 00-0417 GAL Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	133.12	
02 90 50 00-0418 PR Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.55	
02 90 50 00-0419 GAL Encapsulant For Emergency Clean-up.....	92.17	
02 90 50 00-0420 GAL Aftershock Fiberlocke For Emergency Clean-up	80.93	
02 90 50 00-0421 GAL IAQ 2500 Fiberlocke For Emergency Clean-up	104.28	
02 90 50 00-0422 GAL IAS 6000 Fiberlocke For Emergency Clean-up.....	107.25	
02 90 50 00-0423 ROL Filter Material For Emergency Clean-up	209.34	
02 90 50 00-0424 EA Blue Paper Collection Bag Filter For Emergency Clean-up	5.64	
02 90 50 00-0425 EA CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	447.75	
02 90 50 00-0426 EA Pre-Filter For Negative Air Machine For Emergency Clean-up.....	2.15	
02 90 50 00-0427 EA Pleated Filter For Negative Air Machine For Emergency Clean-up	9.56	
02 90 50 00-0428 EA Charcoal Filter For Negative Air Machine For Emergency Clean-up	34.05	
02 90 50 00-0429 EA High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up.....	323.85	
02 90 50 00-0430 EA Pleated Dehumidifier Filter For Emergency Clean-up.....	8.55	
02 90 50 00-0431 GAL Floor Stripper For Emergency Clean-up	18.92	
02 90 50 00-0432 GAL Floor Wax For Emergency Clean-up	27.02	
02 90 50 00-0433 GAL Fogger (Thermal) For Emergency Clean-up.....	156.57	
02 90 50 00-0434 BOX Furniture Blocks For Emergency Clean-up.....	126.10	
02 90 50 00-0435 EA Furniture Polish, Per 10 Oz Can For Emergency Clean-up	16.99	
02 90 50 00-0436 GAL Glass Cleaner For Emergency Clean-up.....	11.33	
02 90 50 00-0437 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	16.48	
02 90 50 00-0438 EA Goof Off Spray, 12 Oz For Emergency Clean-up	13.56	
02 90 50 00-0439 EA Halogen Light Bulbs For Emergency Clean-up.....	19.29	
02 90 50 00-0440 QT Hand Sanitizer For Emergency Clean-up	9.54	
02 90 50 00-0441 EA Hard Hats For Emergency Clean-up Personal Protection Equipment	7.85	
02 90 50 00-0442 BOX Hog Rings, Box Of 2,500 For Emergency Clean-up	16.52	
02 90 50 00-0443 GAL HVAC Coal Cleaner For Emergency Clean-up.....	53.67	
02 90 50 00-0444 BOX Inventory Tag, Box Of 1,000 For Emergency Clean-up.....	116.17	
02 90 50 00-0445 EA Utility Knives For Emergency Clean-up	14.86	
02 90 50 00-0446 ROL 13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	99.66	
02 90 50 00-0447 ROL 20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	105.21	
02 90 50 00-0448 ROL 29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	209.47	
02 90 50 00-0449 ROL 39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	302.78	
02 90 50 00-0450 GAL Lemon Oil For Emergency Clean-up	45.54	
02 90 50 00-0451 GAL LPS 1/Mecca Lube For Emergency Clean-up.....	49.10	
02 90 50 00-0452 GAL LPS 2 For Emergency Clean-up	51.96	
02 90 50 00-0453 GAL LPS Contact Cleaner For Emergency Clean-up	51.72	
02 90 50 00-0454 GAL Light Lubricant Preserve For Emergency Clean-up	121.27	
02 90 50 00-0455 GAL Heavy Lubricant Preserver For Emergency Clean-up	27.02	
02 90 50 00-0456 GAL Machinery Cleaning Solvent For Emergency Clean-up	218.05	
02 90 50 00-0457 GAL Metal Polishing Paste For Emergency Clean-up	22.45	
02 90 50 00-0458 GAL MediClean® Disinfectant For Emergency Clean-up	54.61	
02 90 50 00-0459 GAL Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	67.03	
02 90 50 00-0460 EA Mop Heads For Emergency Clean-up	8.09	
02 90 50 00-0461 EA Nylon Scouring Pads For Emergency Clean-up	1.49	
02 90 50 00-0462 GAL Odor Neutralizer For Emergency Clean-up.....	34.84	
02 90 50 00-0463 EA Packing Paper, 25 LB Bundle For Emergency Clean-up	60.41	
02 90 50 00-0464 EA Paint Brushes For Emergency Clean-up	6.76	
02 90 50 00-0465 ROL Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up.....	140.89	
02 90 50 00-0466 EA Putty Knives For Emergency Clean-up.....	6.12	
02 90 50 00-0467 ROL Red Resin Paper, 200' Roll For Emergency Clean-up.....	30.74	
02 90 50 00-0468 GAL Reodorant For Emergency Clean-up	114.84	
02 90 50 00-0469 EA N95 Respirator For Emergency Clean-up Personal Protection Equipment	3.93	
02 90 50 00-0470 EA N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	6.11	
02 90 50 00-0471 PR 3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	40.97	
02 90 50 00-0472 PR P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	40.97	
02 90 50 00-0473 EA Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	32.78	
02 90 50 00-0474 GAL Restoracide For Emergency Clean-up.....	53.87	
02 90 50 00-0475 GAL Rust Remover For Emergency Clean-up.....	79.70	
02 90 50 00-0476 EA Saltesmo Test Samples For Emergency Clean-up.....	7.41	
02 90 50 00-0477 EA Sand Bag For Emergency Clean-up	1.94	
Note: Excludes sand material		
02 90 50 00-0478 EA Scotch-Brite 7447, Per Box 50 For Emergency Clean-up.....	24.19	
02 90 50 00-0479 EA Small Scrub Brushes For Emergency Clean-up	12.93	
02 90 50 00-0480 GAL Clear Soot Sealant For Emergency Clean-up.....	92.43	
02 90 50 00-0481 GAL Pigmented Soot Sealant For Emergency Clean-up	249.28	
02 90 50 00-0482 ROL Shrinkwrap Plastic For Emergency Clean-up	57.39	
02 90 50 00-0483 EA Dry Sponges For Emergency Clean-up	4.50	
02 90 50 00-0484 EA Spray Adhesive, Per Can For Emergency Clean-up.....	5.99	
02 90 50 00-0485 EA Spray Bot/Trigger For Emergency Clean-up	5.22	
02 90 50 00-0486 GAL Stain Remover For Emergency Clean-up.....	31.47	
02 90 50 00-0487 GAL Stainless Steel Cleaner For Emergency Clean-up.....	11.28	
02 90 50 00-0488 EA Stainless Steel Polish, Per Can For Emergency Clean-up	14.80	
02 90 50 00-0489 LB Sweeping Compound For Emergency Clean-up.....	0.49	
02 90 50 00-0490 ROL Duct Tape, 2" x 50 YD For Emergency Clean-up	11.71	
02 90 50 00-0491 ROL Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	11.02	
02 90 50 00-0492 ROL HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up.....	29.72	
02 90 50 00-0493 ROL Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up.....	15.68	
02 90 50 00-0494 ROL Poly Box Tape, 2" x 110 YD For Emergency Clean-up.....	4.84	
02 90 50 00-0495 LB Terry Towels For Emergency Clean-up	6.96	
02 90 50 00-0496 GAL Thermal Fog For Emergency Clean-up	70.81	
02 90 50 00-0497 ROL Lawn And Leaf Trash Bags For Emergency Clean-up.....	36.44	
02 90 50 00-0498 ROL 6 Mil Heavy Duty Trash Bags (50 Count) For Emergency Clean-up.....	145.31	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning And Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0499	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up.....	49.30
02 90 50 00-0500	EA	Backpack Vacuum Bags For Emergency Clean-up.....	1.66
02 90 50 00-0501	EA	Upright Vacuum Bags For Emergency Clean-up.....	2.22
02 90 50 00-0502	GAL	Vinyl And Leather Cleaner For Emergency Clean-up.....	28.10
02 90 50 00-0503	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up.....	47.20
02 90 50 00-0504	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up.....	128.18
02 90 50 00-0505	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up.....	174.89
02 90 50 00-0506	LB	Wipes, Cotton Cloth For Emergency Clean-up.....	4.96
02 90 50 00-0507	ROL	12" x 750", Wrap, Bubble/Anti-Static For Emergency Clean-up.....	143.95
02 90 50 00-0508	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up.....	14.05
02 90 50 00-0509	EA	Zip Wall Zippers For Emergency Clean-up.....	21.85

02 90 50 00-0510 Technical/Electronics Restoration Materials (02 90 50 00-0383)

02 90 50 00-0511	EA	Brush - Brass For Emergency Clean-up.....	5.07
02 90 50 00-0512	EA	1" Brush, Natural Bristle For Emergency Clean-up.....	1.62
02 90 50 00-0513	EA	1/2" Brush, Natural Bristle For Emergency Clean-up.....	1.35
02 90 50 00-0514	EA	1/4" Brush, Natural Bristle For Emergency Clean-up.....	1.15
02 90 50 00-0515	EA	Brush - Parts For Emergency Clean-up.....	7.03
02 90 50 00-0516	EA	Brush - Plastic For Emergency Clean-up.....	3.65
02 90 50 00-0517	EA	Brush - Wire Grout For Emergency Clean-up.....	7.87
02 90 50 00-0518	EA	Brushing Tool For Emergency Clean-up.....	15.17
02 90 50 00-0519	EA	Cleaning Swabs, Cotton For Emergency Clean-up.....	0.34
02 90 50 00-0520	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up.....	0.41
02 90 50 00-0521	EA	Contact Restorer, Per Can For Emergency Clean-up.....	32.76
02 90 50 00-0522	EA	Contact Spray, Per Can For Emergency Clean-up.....	22.29
02 90 50 00-0523	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up.....	3.24
02 90 50 00-0524	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up.....	7.43
02 90 50 00-0525	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up.....	12.84
02 90 50 00-0526	LB	Cotton Cleaning Cloths For Emergency Clean-up.....	20.27
02 90 50 00-0527	EA	12" x 17" Dust Cloths For Emergency Clean-up.....	0.30
02 90 50 00-0528	EA	24" x 24" Dust Cloths For Emergency Clean-up.....	0.83
02 90 50 00-0529	EA	Deoxidizing Agent, Per Can For Emergency Clean-up.....	15.88
02 90 50 00-0530	GAL	Electronic Grade Detergent For Emergency Clean-up.....	33.72
02 90 50 00-0531	SHT	Inventory Labels For Emergency Clean-up.....	0.13
02 90 50 00-0532	GAL	Isopropyl Alcohol For Emergency Clean-up.....	89.36
02 90 50 00-0533	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up.....	130.30
02 90 50 00-0534	GAL	PC Board Detergent For Emergency Clean-up.....	92.55
02 90 50 00-0535	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up.....	150.30
02 90 50 00-0536	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up.....	151.43
02 90 50 00-0537	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up.....	161.86
02 90 50 00-0538	LB	Wipes, Lint Free Cloths For Emergency Clean-up.....	5.32
02 90 50 00-0539	EA	Wire Marker Card For Emergency Clean-up.....	2.36
02 90 50 00-0540	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up.....	1.19

02 90 50 00-0541 Board Up And Tarp Up (02 90 50)

02 90 50 00-0542	SF	Polyethylene Tarp On Roof For Emergency Clean-up.....	0.22
02 90 50 00-0543	SF	Temporary Plywood On Roof For Emergency Clean-up.....	1.31
02 90 50 00-0544	SF	Temporary Plywood On Wall Or Windows For Emergency Clean-up.....	1.67

02 90 50 00-0545 Minimum Charges (02 90 50)

02 90 50 00-0546	EA	Minimum For Emergency Cleaning.....	809.81
02 90 50 00-0547	EA	Minimum For Emergency Water Extraction.....	174.22
02 90 50 00-0548	EA	Minimum For Emergency Carpet Cleaning.....	162.13

02 90 50 00-0549 Document Restoration (02 90 50)

02 90 50 00-0550	EA	Book Rebinding, Each For Document Restoration.....	83.73
02 90 50 00-0551	EA	Book Recasing, Each For Document Restoration.....	41.86
02 90 50 00-0552	EA	Boxes-MCS, 1.2 CF For Document Restoration.....	5.27
02 90 50 00-0553	EA	Boxes-MCS, 2.0 CF For Document Restoration.....	5.81
02 90 50 00-0554	EA	Boxes Bankers For Document Restoration.....	13.38
02 90 50 00-0555	EA	Boxes Standard Packout For Document Restoration.....	3.37
02 90 50 00-0556	EA	Boxes X Ray For Document Restoration.....	8.38
02 90 50 00-0557	EA	CD Scanning and Diagnostics, Each For Document Restoration.....	8.38
02 90 50 00-0558	EA	Cleaning Antique Books, Each For Document Restoration.....	251.17
02 90 50 00-0559	EA	Cleaning Catheter Roll, Per Roll For Document Restoration.....	33.48
02 90 50 00-0560	EA	Cleaning CD And DVD, Per Disc For Document Restoration.....	3.36
02 90 50 00-0561	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration.....	2.35
02 90 50 00-0562	CF	Cleaning Level 1 - Document Per CF For Document Restoration.....	72.93
02 90 50 00-0563	EA	Cleaning Level 1 - Linen, Each For Document Restoration.....	2.35
02 90 50 00-0564	EA	Cleaning Level 1 - Mylar, Each For Document Restoration.....	2.35
02 90 50 00-0565	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration.....	2.92
02 90 50 00-0566	CF	Cleaning Level 2 - Document Per CF For Document Restoration.....	109.30
02 90 50 00-0567	EA	Cleaning Level 2 - Linen, Each For Document Restoration.....	2.92
02 90 50 00-0568	EA	Cleaning Level 2 - Mylar, Each For Document Restoration.....	2.92
02 90 50 00-0569	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration.....	4.15
02 90 50 00-0570	CF	Cleaning Level 3 - Document Per CF For Document Restoration.....	145.84
02 90 50 00-0571	EA	Cleaning Level 3 - Linen, Each For Document Restoration.....	4.15
02 90 50 00-0572	EA	Cleaning Level 3 - Mylar, Each For Document Restoration.....	4.15
02 90 50 00-0573	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration.....	5.81
02 90 50 00-0574	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration.....	5.81
02 90 50 00-0575	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration.....	5.81

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0576	CF	Cleaning Level 4 - Light Fire-Documet Per CF For Document Restoration	182.26	
02 90 50 00-0577	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration.....	6.44	
02 90 50 00-0578	CF	Cleaning Level 5 - Severe Fire-Documet Per CF For Document Restoration.....	273.47	
02 90 50 00-0579	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	6.44	
02 90 50 00-0580	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	6.44	
02 90 50 00-0581	EA	Cleaning Microfiche Sheets, Each For Document Restoration	2.29	
02 90 50 00-0582	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.53	
02 90 50 00-0583	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	83.73	
02 90 50 00-0584	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	117.22	
02 90 50 00-0585	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration.....	2.29	
02 90 50 00-0586	EA	Cleaning Photographs, Each For Document Restoration	0.53	
02 90 50 00-0587	EA	Cleaning Record Albums, Each For Document Restoration	3.36	
02 90 50 00-0588	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	8.38	
02 90 50 00-0589	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	33.48	
02 90 50 00-0590	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration.....	3.12	
02 90 50 00-0591	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration.....	2.67	
02 90 50 00-0592	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration.....	2.09	
02 90 50 00-0593	EA	Copying Clean Water, Per Page For Document Restoration.....	0.30	
02 90 50 00-0594	EA	Copying Greywater Fire, Per Page For Document Restoration	0.91	
02 90 50 00-0595	CF	Deodorization, Vapor Tech For Document Restoration	5.76	
02 90 50 00-0596	CF	Disinfectant-Fogging For Document Restoration.....	11.74	
02 90 50 00-0597	EA	Document Disposal In House No Shredding For Document Restoration.....	44.74	
02 90 50 00-0598	EA	Document Disposal In House With Shredding For Document Restoration	12.21	
02 90 50 00-0599	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	150.70	
02 90 50 00-0600	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	117.22	
02 90 50 00-0601	CF	>500 CF, Drying-MCS Center For Document Restoration.....	100.47	
02 90 50 00-0602	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration.....	133.96	
02 90 50 00-0603	CF	Up To 500 CF, Drying-Onsite For Document Restoration	251.17	
02 90 50 00-0604	CF	>500 CF, Drying-Onsite For Document Restoration	154.08	
02 90 50 00-0605	EA	Drying Antique Books, Each For Document Restoration	33.48	
02 90 50 00-0606	EA	Drying Blue Prints, Each For Document Restoration	4.19	
02 90 50 00-0607	EA	DVD Scanning And Diagnostics, Each For Document Restoration	8.38	
02 90 50 00-0608	EA	Freeze Drying (In House) For Document Restoration.....	75.91	
02 90 50 00-0609	EA	Freeze Drying (Outside) For Document Restoration.....	65.06	
02 90 50 00-0610	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration.....	1,789.26	
02 90 50 00-0611	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration.....	16.27	
02 90 50 00-0612	EA	Minimal Drying Jobs For Document Restoration.....	753.66	
02 90 50 00-0613	EA	Monthly Storage For Document Restoration	140.50	
02 90 50 00-0614	EA	Mylar Prints For Document Restoration.....	8.38	
02 90 50 00-0615	CF	Ozoning For Document Restoration	5.17	
02 90 50 00-0616	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	6.55	
02 90 50 00-0617	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.08	
02 90 50 00-0618	EA	Wood Pallets, Each For Document Restoration.....	18.21	

END OF SECTION 02

02 Existing Conditions

02 90 Disaster Recovery

02 90 50 Cleaning And Emergency Clean-up



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

03 01 Maintenance Of Concrete (03)

03 01 30 Maintenance Of Cast-In-Place Concrete (03 01)

03 01 30 51 Cleaning Of Cast-In-Place Concrete (03 01 30)

03 01 30 51-0001	Abrasive Blasting <small>(03 01 30 51)</small> Note: Includes containment and clean-up of all material. Includes steel ball media.		
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot Blasting	2.08	
	<i>For Up To 100, Add</i>	2.56	
	<i>For >100 To 250, Add</i>	0.64	
	<i>For >250 To 500, Add</i>	0.32	
	<i>For >5,000 To 10,000, Deduct</i>	-0.06	
	<i>For >10,000, Deduct</i>	-0.13	
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot Blasting	3.36	
	<i>For Up To 100, Add</i>	5.12	
	<i>For >100 To 250, Add</i>	1.28	
	<i>For >250 To 500, Add</i>	0.64	
	<i>For >5,000 To 10,000, Deduct</i>	-0.13	
	<i>For >10,000, Deduct</i>	-0.26	

03 01 30 71 Rehabilitation Of Cast-in-Place Concrete (03 01 30)

03 01 30 71-0001	Concrete Resurfacing/Repair <small>(03 01 30 71)</small> See CSI section 09 01 90 52-0002 for surface preparation as required.		
03 01 30 71-0002	Concrete Repair <small>(03 01 30 71-0001)</small>		
03 01 30 71-0003	Decks Or Floors <small>(03 01 30 71-0002)</small> Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0004	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar.....	5.83	
03 01 30 71-0005	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	19.27	
03 01 30 71-0006	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate)	0.53	
03 01 30 71-0007	Verticals Or Overheads <small>(03 01 30 71-0002)</small> Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0008	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	8.67	
03 01 30 71-0009	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	25.82	
03 01 30 71-0010	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	29.22	
03 01 30 71-0011	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	6.44	
03 01 30 71-0012	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound..... Note: Rapid Set - WunderFixx	11.19	
03 01 30 71-0013	Bridge Deck Treatment <small>(03 01 30 71-0002)</small>		
03 01 30 71-0014	SF Sweep Bridge Deck	0.02	
03 01 30 71-0015	SF Clean Bridge Deck	0.02	
03 01 30 71-0016	SF Treat Bridge Deck With Methacrylate Resin Sealant	1.50	
03 01 30 71-0017	Concrete Finishes <small>(03 01 30 71-0001)</small>		
03 01 30 71-0018	Concrete Patching <small>(03 01 30 71-0017)</small>		
03 01 30 71-0019	Walls <small>(03 01 30 71-0018)</small>		
03 01 30 71-0020	BAG Sika Top 111 Plus..... Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	112.85	
	<i>For Up To 10, Add</i>	36.78	
	<i>For >10 To 25, Add</i>	22.07	
	<i>For >25 To 50, Add</i>	14.71	
	<i>For >50 To 75, Add</i>	7.36	
03 01 30 71-0021	BAG Sika Grout 212, 50 LB Bag	79.35	
	Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		
	<i>For Up To 10, Add</i>	23.30	
	<i>For >10 To 25, Add</i>	13.98	
	<i>For >25 To 50, Add</i>	9.32	
	<i>For >50 To 75, Add</i>	4.66	
03 01 30 71-0022	EA Sika Flex 1A, 10.3 Ounce Tube..... Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	31.10	
03 01 30 71-0023	BAG Pea Gravel.....	21.84	
03 01 30 71-0024	Crack Repair For Concrete <small>(03 01 30 71-0001)</small>		
03 01 30 71-0025	Non Structural Crack Repair For Concrete <small>(03 01 30 71-0024)</small>		

03 Concrete**03 01 Maintenance Of Concrete****03 01 30 Maintenance Of Cast-In-Place Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 01 30 71-0026	Surface Applied, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0027	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	5.25	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0028	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	6.84	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0029	LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	5.33	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0030	LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	6.99	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0031	LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	5.62	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0032	LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	7.58	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0033	LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	5.83	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0034	LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	8.00	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0035	Pressure Injected, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0036	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	21.83	
	<i>For Cracks Accessible From Both Sides, Add</i>	4.43	
03 01 30 71-0037	Structural Crack Repair For Concrete <small>(03 01 30 71-0024)</small>		
03 01 30 71-0038	Surface Applied, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0039	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	5.89	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0040	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	8.11	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0041	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	6.08	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0042	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	8.51	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0043	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	6.72	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.22	
03 01 30 71-0044	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	9.79	
	<i>For V-Grooving Crack With Grinder, Add</i>	4.13	
03 01 30 71-0045	Pressure Injected, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>		
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0046	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	19.55	
	<i>For Cracks Accessible From Both Sides, Add</i>	4.43	
03 01 30 71-0047	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	19.75	
	<i>For Cracks Accessible From Both Sides, Add</i>	4.43	
03 01 30 71-0048	Carbon Fiber Strengthening System <small>(03 01 30 71-0001)</small>		
	Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0049	SF Carbon Fiber Strengthening System Beams, Per Layer.....	65.38	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0050	SF Carbon Fiber Strengthening System Columns, Per Layer.....	57.22	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0051	SF Carbon Fiber Strengthening System Slabs, Per Layer.....	50.08	
	Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 01 30 71-0052	Fiber Reinforced Polymer (FRP) Strengthening System (03 01 30 71-0001) Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0053	SF Composite Strengthening System - Exterior, Per Layer .....42.53 Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibrwrap System by Fyfe Company		
	<i>For Floor Surfaces, Deduct</i>	-7.01	
03 01 30 71-0054	SF Composite Strengthening Fire Resistant System - Interior, Per Layer.....51.76 Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibrwrap System by Fyfe Company		
	<i>For Floor Surfaces, Deduct</i>	-8.60	

03 01 30 72 Strengthening Of Cast-in-Place Concrete (03 01 30)

03 01 30 72-0001	Concrete Surface Repairs (03 01 30 72) 03 01 30 72-0002 SF Sound The Concrete Surface To Locate Delaminated Areas0.32		
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03 05 Common Work Results For Concrete (03)

03 05 13 Concrete Admixtures (03 05)

03 05 13 00-0001	Concrete Admixtures (03 05 13)		
03 05 13 00-0002	CY Low Range Water Reducing (LRWR), Type A Concrete Admixture .....3.88		
03 05 13 00-0003	CY Set Retarding, Type B Concrete Admixture .....2.69		
03 05 13 00-0004	CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....4.18		
03 05 13 00-0005	CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....8.35		
03 05 13 00-0006	CY 1% Non-Chloride Accelerating, Type C Concrete Admixture.....7.46		
03 05 13 00-0007	CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....14.92		
03 05 13 00-0008	CY Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....3.22		
03 05 13 00-0009	CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture.....4.48		
03 05 13 00-0010	CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....8.95		
03 05 13 00-0011	CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture .....5.52		
03 05 13 00-0012	CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....7.16		
03 05 13 00-0013	CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture .....9.55		
03 05 13 00-0014	CY 25 LB/CY Steel Fibers, Concrete Admixture.....23.76		
03 05 13 00-0015	CY 10% Microsilica (Silica Fume), Concrete Admixture .....47.74		
03 05 13 00-0016	CY Corrosion Inhibiting Concrete Admixture .....17.90		
03 05 13 00-0017	CY Winter Service Or Heat, Concrete Add.....4.18		
03 05 13 00-0018	CY Chilled Water, Concrete Add.....4.18		
03 05 13 00-0019	CY Subtle Color (See Davis Colors Color Card), Concrete Admixture .....24.17		
03 05 13 00-0020	CY Standard Color (See Davis Colors Color Card), Concrete Admixture.....40.28		
03 05 13 00-0021	CY Premium Color (See Davis Colors Color Card), Concrete Admixture .....77.33		
03 05 13 00-0022	CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture .....107.41		
03 05 13 00-0023	CY XYPEX Concrete Additive C-500, C-1000 or C-2000 .....39.36		

03 10 Concrete Forming And Accessories (03)

03 11 Concrete Forming (03 10)

03 11 13 Structural Cast-In-Place Concrete Forming (03 11)

Note: Per square foot of formwork.

03 11 13 00-0001	Wood Formwork (03 11 13) Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0002	Foundation Wood Formwork (03 11 13 00-0001) Note: For foundation work below or at grade.		
03 11 13 00-0003	SF Continuous Footings Foundation Wood Formwork.....7.20 <i>For <1,000, Add</i> 1.35 <i>For Foundations >8' Below Grade, Add</i> 1.30 <i>For Curved Formwork, Add</i> 2.60		
03 11 13 00-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....8.57 <i>For <1,000, Add</i> 1.62 <i>For Foundations >8' Below Grade, Add</i> 1.57 <i>For Curved Formwork, Add</i> 3.13		
03 11 13 00-0005	SF Mat Foundation Wood Formwork.....9.85 <i>For <1,000, Add</i> 1.89 <i>For Foundations >8' Below Grade, Add</i> 1.84 <i>For Curved Formwork, Add</i> 3.69		
03 11 13 00-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork .....8.22 <i>For <1,000, Add</i> 1.56 <i>For Foundations >8' Below Grade, Add</i> 1.52 <i>For Curved Formwork, Add</i> 3.03		
03 11 13 00-0007	SF Below Grade Walls Foundation Wood Formwork .....11.70 Note: Excludes footing <i>For <1,000, Add</i> 2.21 <i>For Foundations >8' Below Grade, Add</i> 2.15 <i>For Curved Formwork, Add</i> 4.29		

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork (03 11 13 00-0001)

03 Concrete**03 10 Concrete Forming And Accessories****03 11 Concrete Forming**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	5.56	
		<i>For Foundations >8' Below Grade, Add</i>	1.04	
		<i>For Curved Formwork, Add</i>	2.07	
		<i>For Up To 250, Add</i>	1.06	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	7.96	
		<i>For Foundations >8' Below Grade, Add</i>	1.44	
		<i>For Curved Formwork, Add</i>	2.89	
		<i>For Up To 250, Add</i>	1.49	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	10.17	
		<i>For Foundations >8' Below Grade, Add</i>	1.87	
		<i>For Curved Formwork, Add</i>	3.73	
		<i>For <1,000, Add</i>	1.92	
03 11 13 00-0012		Column Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	43.01	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	62.47	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	78.38	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	112.35	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	161.14	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	212.77	
03 11 13 00-0019		Above Grade Wall Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	13.08	
		<i>For Curved Formwork, Add</i>	4.85	
		<i>For <1,000, Add</i>	2.49	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	15.50	
		<i>For Curved Formwork, Add</i>	5.75	
		<i>For <1,000, Add</i>	2.95	
03 11 13 00-0022		Elevated Beam Wood Formwork (03 11 13 00-0001)		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	16.95	
		<i>For Curved Formwork, Add</i>	6.30	
		<i>For <1,000, Add</i>	3.23	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	10.83	
		<i>For Curved Formwork, Add</i>	4.03	
		<i>For <1,000, Add</i>	2.07	
03 11 13 00-0025		Elevated Slab Wood Formwork (03 11 13 00-0001)		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF	Elevated Slab Wood Formwork	9.96	
		<i>For <1,000, Add</i>	1.84	
03 11 13 00-0027		Metal Framed Formwork (03 11 13)		
		Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028		Foundation Metal Framed Formwork (03 11 13 00-0027)		
		Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	6.62	
		<i>For <1,000, Add</i>	1.22	
		<i>For Foundations >8' Below Grade, Add</i>	1.17	
		<i>For Curved Formwork, Add</i>	2.34	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	7.35	
		<i>For <1,000, Add</i>	1.37	
		<i>For Foundations >8' Below Grade, Add</i>	1.31	
		<i>For Curved Formwork, Add</i>	2.63	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	8.23	
		<i>For <1,000, Add</i>	1.51	
		<i>For Foundations >8' Below Grade, Add</i>	1.45	
		<i>For Curved Formwork, Add</i>	2.90	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	6.94	
		<i>For <1,000, Add</i>	1.28	
		<i>For Foundations >8' Below Grade, Add</i>	1.22	
		<i>For Curved Formwork, Add</i>	2.44	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	10.59	
		Note: Excludes footing.		
		<i>For <1,000, Add</i>	1.98	
		<i>For Foundations >8' Below Grade, Add</i>	1.91	
		<i>For Curved Formwork, Add</i>	3.81	
03 11 13 00-0034		Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	4.77	
		<i>For Foundations >8' Below Grade, Add</i>	0.93	
		<i>For Curved Formwork, Add</i>	1.86	
		<i>For <250, Add</i>	0.94	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	5.96	
		<i>For Foundations >8' Below Grade, Add</i>	1.16	
		<i>For Curved Formwork, Add</i>	2.32	
		<i>For <250, Add</i>	1.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork.....	6.60		
		<i>For Foundations >8' Below Grade, Add</i>	1.28		
		<i>For Curved Formwork, Add</i>	2.56		
		<i>For <1,000, Add</i>	1.29		
03 11 13 00-0038		Column Metal Framed Formwork (03 11 13 00-0027)			
03 11 13 00-0039		Square Columns (03 11 13 00-0038)			
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork.....	40.59		
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork.....	49.04		
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork.....	57.48		
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork.....	68.70		
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork.....	82.74		
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork.....	99.34		
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork.....	127.45		
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork.....	157.16		
03 11 13 00-0048		Round Columns (03 11 13 00-0038)			
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork.....	39.58		
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork.....	44.04		
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork.....	50.56		
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork.....	58.99		
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork.....	69.67		
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork.....	79.81		
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork.....	103.31		
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork.....	134.53		
03 11 13 00-0057		Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)			
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork.....	6.48		
		<i>For Curved Formwork, Add</i>	2.17		
		<i>For <1,000, Add</i>	1.16		
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork.....	7.91		
		<i>For Curved Formwork, Add</i>	2.62		
		<i>For <1,000, Add</i>	1.40		
03 11 13 00-0060		Elevated Beam Metal Framed Formwork (03 11 13 00-0027)			
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.			
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork.....	6.28		
		<i>For Curved Formwork, Add</i>	2.01		
		<i>For <1,000, Add</i>	1.09		
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork.....	4.83		
		<i>For Curved Formwork, Add</i>	1.59		
		<i>For <1,000, Add</i>	0.85		
03 11 13 00-0063		Elevated Slab Metal Framed Formwork (03 11 13 00-0027)			
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.			
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork.....	7.99		
		<i>For <1,000, Add</i>	1.26		
03 11 13 00-0065		Fiber Tube Formwork (03 11 13)			
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.			
03 11 13 00-0066		Round Column Fiber Tube Formwork (03 11 13 00-0065)			
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork.....	16.43		
		<i>For Plastic Lined, Add</i>	0.49		
		<i>For Columns >12' In Length, Add</i>	1.64		
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork.....	17.27		
		<i>For Plastic Lined, Add</i>	0.58		
		<i>For Columns >12' In Length, Add</i>	1.73		
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork.....	19.04		
		<i>For Plastic Lined, Add</i>	0.66		
		<i>For Columns >12' In Length, Add</i>	1.90		
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork.....	22.30		
		<i>For Plastic Lined, Add</i>	0.95		
		<i>For Columns >12' In Length, Add</i>	2.23		
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork.....	25.00		
		<i>For Plastic Lined, Add</i>	1.28		
		<i>For Columns >12' In Length, Add</i>	2.50		
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork.....	26.87		
		<i>For Plastic Lined, Add</i>	1.63		
		<i>For Columns >12' In Length, Add</i>	2.69		
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork.....	28.18		
		<i>For Plastic Lined, Add</i>	1.77		
		<i>For Columns >12' In Length, Add</i>	2.82		
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork.....	30.46		
		<i>For Plastic Lined, Add</i>	2.21		
		<i>For Columns >12' In Length, Add</i>	3.05		
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork.....	33.15		
		<i>For Plastic Lined, Add</i>	2.66		
		<i>For Columns >12' In Length, Add</i>	3.32		

03 Concrete**03 10 Concrete Forming And Accessories****03 11 Concrete Forming**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0076	LF		24" Diameter Round Fiber Tube Formwork	35.82	
			<i>For Plastic Lined, Add</i>	3.12	
			<i>For Columns >12' In Length, Add</i>	3.58	
03 11 13 00-0077	LF		26" Diameter Round Fiber Tube Formwork	37.22	
			<i>For Plastic Lined, Add</i>	3.40	
			<i>For Columns >12' In Length, Add</i>	3.72	
03 11 13 00-0078	LF		28" Diameter Round Fiber Tube Formwork	39.34	
			<i>For Plastic Lined, Add</i>	3.90	
			<i>For Columns >12' In Length, Add</i>	3.93	
03 11 13 00-0079	LF		30" Diameter Round Fiber Tube Formwork	41.62	
			<i>For Plastic Lined, Add</i>	4.44	
			<i>For Columns >12' In Length, Add</i>	4.16	
03 11 13 00-0080	LF		36" Diameter Round Fiber Tube Formwork	49.66	
			<i>For Plastic Lined, Add</i>	6.35	
			<i>For Columns >12' In Length, Add</i>	4.97	
03 11 13 00-0081	LF		42" Diameter Round Fiber Tube Formwork	65.67	
			<i>For Plastic Lined, Add</i>	10.79	
			<i>For Columns >12' In Length, Add</i>	6.57	
03 11 13 00-0082	LF		48" Diameter Round Fiber Tube Formwork	77.26	
			<i>For Plastic Lined, Add</i>	13.91	
			<i>For Columns >12' In Length, Add</i>	7.73	
03 11 13 00-0083	LF		54" Diameter Round Fiber Tube Formwork	124.31	
			<i>For Plastic Lined, Add</i>	27.44	
			<i>For Columns >12' In Length, Add</i>	12.43	
03 11 13 00-0084	LF		60" Diameter Round Fiber Tube Formwork	137.67	
			<i>For Plastic Lined, Add</i>	31.01	
			<i>For Columns >12' In Length, Add</i>	13.77	
03 11 13 00-0085			Accessories For Formwork (03 11 13)		
03 11 13 00-0086			Keyway Forms, All Materials (03 11 13 00-0085)		
03 11 13 00-0087	LF		2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....	2.03	
03 11 13 00-0088			Chamfer Strips, All Materials (03 11 13 00-0085)		
03 11 13 00-0089	LF		1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.14	
03 11 13 00-0090	LF		3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.48	
03 11 13 00-0091	LF		1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.86	
03 11 13 00-0092			Strip Out Reglets For Concrete Formwork (03 11 13 00-0085)		
03 11 13 00-0093	LF		24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	9.97	
03 11 13 00-0094			Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0085)		
03 11 13 00-0095	EA		2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	12.16	
03 11 13 00-0096	EA		4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.71	
03 11 13 00-0097	EA		6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	17.78	
03 11 13 00-0098	EA		8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.17	
03 11 13 00-0099	EA		12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	25.98	
03 11 13 00-0100	EA		18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	56.78	
03 11 16			Architectural Cast-In-Place Concrete Forming (03 11)		
03 11 16 13			Concrete Form Liners (03 11 16)		
03 11 16 13-0001			Concrete Form Liners (03 11 16 13)		
03 11 16 13-0002	SF		Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork.....	5.11	
03 11 16 13-0003	SF		Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	6.65	
03 11 16 13-0004	SF		Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	8.72	
03 11 23			Permanent Stair Forming (03 11)		
03 11 23 00-0001			Stairway Wood Formwork (03 11 23)		
03 11 23 00-0002	SF		Cast On Grade Stairway Wood Formwork	16.63	
			<i>For Curved Formwork, Add</i>	6.40	
			<i>For <1,000, Add</i>	3.24	
03 11 23 00-0003	SF		Elevated Stairway Wood Formwork.....	32.72	
			Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
			<i>For Curved Formwork, Add</i>	12.49	
			<i>For <1,000, Add</i>	6.35	
03 11 23 00-0004			Stairway Metal Framed Formwork (03 11 23)		
03 11 23 00-0005	SF		Cast On Grade Stairway Metal Framed Formwork	13.85	
			<i>For Curved Formwork, Add</i>	5.25	
			<i>For <1,000, Add</i>	2.67	
03 11 23 00-0006	SF		Elevated Stairway Metal Framed Formwork	25.53	
			Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
			<i>For Curved Formwork, Add</i>	9.74	
			<i>For <1,000, Add</i>	4.95	
03 15			Concrete Accessories (03 10)		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 13 Waterstops (03 15)

03 15 13 13 Non-Expanding Waterstops (03 15 13)

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	7.85
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	8.80
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	10.52
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	11.50
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	16.89
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	8.44
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.62
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	18.38
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	14.67

03 15 13 13-0011 Rubber Waterstops (03 15 13 13)

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	8.72
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	9.96
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	8.96
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.10
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.22
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.93

03 15 13 16 Expanding Waterstops (03 15 13)

03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	6.89
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	10.46
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	11.73
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	13.22

03 15 16 Concrete Construction Joints (03 15)

03 15 16 00-0001 Poured Expansion Joint (03 15 16)

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	1.87	
		<i>For Installation In Walls, Add</i>	1.22	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	2.81	0.73
		<i>For Installation In Walls, Add</i>	1.38	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.51	0.73
		<i>For Installation In Walls, Add</i>	1.22	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	5.38	0.73
		<i>For Installation In Walls, Add</i>	1.38	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	3.47	0.73
		<i>For Installation In Walls, Add</i>	1.38	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts	6.23	0.73
		<i>For Installation In Walls, Add</i>	2.24	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	1.94	0.73
		<i>For Installation In Walls, Add</i>	1.22	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	2.10	0.73
		<i>For Installation In Walls, Add</i>	1.22	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	3.64	0.73
		<i>For Installation In Walls, Add</i>	1.38	

03 15 16 00-0011 Premolded Expansion Joints (03 15 16)

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.22	1.01
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.56	1.07
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.76	1.12
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.98	1.17
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.44	1.01
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.73	1.07
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.09	1.12
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.60	1.17
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.20	0.96
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.41	1.01
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.64	1.07
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.85	1.12
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.10	1.17
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.46	1.22
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.73	1.27
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.21	1.32
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.66	1.07
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.07	1.12
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.79	1.22
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	6.67	1.67

03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	3.91	1.07
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.41	1.17
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.80	1.22

03 Concrete**03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint.....	6.82	1.27
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint.....	7.26	1.32
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint.....	7.99	1.67
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint.....	9.31	1.67
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	9.92	1.67
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.41	1.07
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.51	1.12
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.65	1.17
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.11	1.22
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.49	1.07
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.60	1.12
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.70	1.17
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.98	1.22
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint.....	2.44	1.07
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint.....	2.67	1.12
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint.....	2.97	1.22
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	3.92	1.01
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	4.70	1.01
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker (03 15 16)		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	1.14	0.76
		>1,250, Deduct	-0.06	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	1.07	0.76
		>1,250, Deduct	-0.05	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints (03 15 16)		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	5.79	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	5.89	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	6.11	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	6.49	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	8.11	
03 15 19		Cast-In Concrete Anchors (03 15)		
03 15 19 00-0001		Cast In Place Anchors (03 15 19) Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002		J-Type Anchor Bolts (03 15 19 00-0001) See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003		1/2" And 5/8" Diameter (03 15 19 00-0002)		
03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	7.47	
		For Galvanized, Add	0.86	
		For Stainless Steel, Add	5.99	
		For >10 To 50, Deduct	-0.29	
		For >50 To 100, Deduct	-0.62	
		For >100, Deduct	-1.24	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	8.38	
		For Galvanized, Add	1.09	
		For Stainless Steel, Add	7.63	
		For >10 To 50, Deduct	-0.31	
		For >50 To 100, Deduct	-0.67	
		For >100, Deduct	-1.35	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.72	
		For Galvanized, Add	1.50	
		For Stainless Steel, Add	10.50	
		For >10 To 50, Deduct	-0.34	
		For >50 To 100, Deduct	-0.75	
		For >100, Deduct	-1.49	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	10.64	
		For Galvanized, Add	1.96	
		For Stainless Steel, Add	13.72	
		For >10 To 50, Deduct	-0.34	
		For >50 To 100, Deduct	-0.77	
		For >100, Deduct	-1.54	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.56	
		For Galvanized, Add	2.62	
		For Stainless Steel, Add	18.31	
		For >10 To 50, Deduct	-0.37	
		For >50 To 100, Deduct	-0.86	
		For >100, Deduct	-1.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.04		
		For Galvanized, Add	2.99		
		For Stainless Steel, Add	20.93		
		For >10 To 50, Deduct	-0.40		
		For >50 To 100, Deduct	-0.96		
		For >100, Deduct	-1.91		
03 15 19 00-0010 3/4" And 7/8" Diameter <small>(03 15 19 00-0002)</small>					
03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.00		
		For Galvanized, Add	2.97		
		For Stainless Steel, Add	20.79		
		For >10 To 50, Deduct	-0.40		
		For >50 To 100, Deduct	-0.95		
		For >100, Deduct	-1.91		
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	15.88		
		For Galvanized, Add	3.46		
		For Stainless Steel, Add	24.22		
		For >10 To 50, Deduct	-0.45		
		For >50 To 100, Deduct	-1.07		
		For >100, Deduct	-2.14		
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.95		
		For Galvanized, Add	4.44		
		For Stainless Steel, Add	31.05		
		For >10 To 50, Deduct	-0.50		
		For >50 To 100, Deduct	-1.23		
		For >100, Deduct	-2.46		
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	22.46		
		For Galvanized, Add	5.59		
		For Stainless Steel, Add	39.10		
		For >10 To 50, Deduct	-0.56		
		For >50 To 100, Deduct	-1.41		
		For >100, Deduct	-2.82		
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.20		
		For Galvanized, Add	4.06		
		For Stainless Steel, Add	28.42		
		For >10 To 50, Deduct	-0.50		
		For >50 To 100, Deduct	-1.21		
		For >100, Deduct	-2.42		
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	21.24		
		For Galvanized, Add	4.86		
		For Stainless Steel, Add	34.02		
		For >10 To 50, Deduct	-0.58		
		For >50 To 100, Deduct	-1.40		
		For >100, Deduct	-2.79		
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	26.40		
		For Galvanized, Add	6.48		
		For Stainless Steel, Add	45.36		
		For >10 To 50, Deduct	-0.67		
		For >50 To 100, Deduct	-1.67		
		For >100, Deduct	-3.34		
03 15 19 00-0018 1" And 1-1/8" Diameter <small>(03 15 19 00-0002)</small>					
03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	22.02		
		For Galvanized, Add	5.25		
		For Stainless Steel, Add	36.75		
		For >10 To 50, Deduct	-0.58		
		For >50 To 100, Deduct	-1.41		
		For >100, Deduct	-2.83		
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	26.08		
		For Galvanized, Add	6.32		
		For Stainless Steel, Add	44.24		
		For >10 To 50, Deduct	-0.67		
		For >50 To 100, Deduct	-1.66		
		For >100, Deduct	-3.32		
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	31.96		
		For Galvanized, Add	7.92		
		For Stainless Steel, Add	55.44		
		For >10 To 50, Deduct	-0.81		
		For >50 To 100, Deduct	-2.01		
		For >100, Deduct	-4.02		
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	39.52		
		For Galvanized, Add	9.68		
		For Stainless Steel, Add	67.76		
		For >10 To 50, Deduct	-1.01		
		For >50 To 100, Deduct	-2.50		
		For >100, Deduct	-5.00		
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	25.78		
		For Galvanized, Add	6.57		
		For Stainless Steel, Add	45.96		
		For >10 To 50, Deduct	-0.63		
		For >50 To 100, Deduct	-1.59		
		For >100, Deduct	-3.19		
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.55		
		For Galvanized, Add	7.90		
		For Stainless Steel, Add	55.30		
		For >10 To 50, Deduct	-0.74		
		For >50 To 100, Deduct	-1.87		
		For >100, Deduct	-3.74		

03 Concrete**03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0025	EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.50	
	For Galvanized, Add	9.90	
	For Stainless Steel, Add	69.30	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-2.27	
	For >100, Deduct	-4.53	
03 15 19 00-0026	EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	46.32	
	For Galvanized, Add	12.10	
	For Stainless Steel, Add	84.67	
	For >10 To 50, Deduct	-1.11	
	For >50 To 100, Deduct	-2.82	
	For >100, Deduct	-5.64	
03 15 19 00-0027	1-1/4" And 1-1/2" Diameter <small>(03 15 19 00-0002)</small>		
03 15 19 00-0028	EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.41	
	For Galvanized, Add	8.21	
	For Stainless Steel, Add	57.44	
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.81	
	For >100, Deduct	-3.62	
03 15 19 00-0029	EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	36.09	
	For Galvanized, Add	9.88	
	For Stainless Steel, Add	69.13	
	For >10 To 50, Deduct	-0.82	
	For >50 To 100, Deduct	-2.13	
	For >100, Deduct	-4.26	
03 15 19 00-0030	EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	44.37	
	For Galvanized, Add	12.38	
	For Stainless Steel, Add	86.66	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.58	
	For >100, Deduct	-5.16	
03 15 19 00-0031	EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	54.74	
	For Galvanized, Add	15.12	
	For Stainless Steel, Add	105.84	
	For >10 To 50, Deduct	-1.23	
	For >50 To 100, Deduct	-3.21	
	For >100, Deduct	-6.41	
03 15 19 00-0032	EA 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	36.22	
	For Galvanized, Add	10.26	
	For Stainless Steel, Add	71.79	
	For >10 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-2.08	
	For >100, Deduct	-4.17	
03 15 19 00-0033	EA 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.02	
	For Galvanized, Add	12.35	
	For Stainless Steel, Add	86.42	
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-2.45	
	For >100, Deduct	-4.90	
03 15 19 00-0034	EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	52.96	
	For Galvanized, Add	15.48	
	For Stainless Steel, Add	108.36	
	For >10 To 50, Deduct	-1.10	
	For >50 To 100, Deduct	-2.97	
	For >100, Deduct	-5.95	
03 15 19 00-0035	EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	65.28	
	For Galvanized, Add	18.90	
	For Stainless Steel, Add	132.30	
	For >10 To 50, Deduct	-1.37	
	For >50 To 100, Deduct	-3.69	
	For >100, Deduct	-7.39	
03 15 19 00-0036	L-Type Anchor Bolts <small>(03 15 19 00-0001)</small>		
	See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037	3/4" And 7/8" Diameter <small>(03 15 19 00-0008)</small>		
03 15 19 00-0038	EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	13.50	
	For Galvanized, Add	2.27	
	For Stainless Steel, Add	15.89	
	For >10 To 50, Deduct	-0.45	
	For >50 To 100, Deduct	-1.01	
	For >100, Deduct	-2.02	
03 15 19 00-0039	EA 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.69	
	For Galvanized, Add	2.81	
	For Stainless Steel, Add	19.64	
	For >10 To 50, Deduct	-0.50	
	For >50 To 100, Deduct	-1.15	
	For >100, Deduct	-2.30	
03 15 19 00-0040	EA 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	17.95	
	For Galvanized, Add	3.22	
	For Stainless Steel, Add	22.51	
	For >10 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.31	
	For >100, Deduct	-2.63	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0041	EA			3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.12	
				For Galvanized, Add	3.34	
				For Stainless Steel, Add	23.38	
				For >10 To 50, Deduct	-0.67	
				For >50 To 100, Deduct	-1.51	
				For >100, Deduct	-3.02	
03 15 19 00-0042	EA			3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.13	
				For Galvanized, Add	3.51	
				For Stainless Steel, Add	24.54	
				For >10 To 50, Deduct	-0.81	
				For >50 To 100, Deduct	-1.79	
				For >100, Deduct	-3.57	
03 15 19 00-0043	EA			7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.71	
				For Galvanized, Add	2.82	
				For Stainless Steel, Add	19.71	
				For >10 To 50, Deduct	-0.50	
				For >50 To 100, Deduct	-1.15	
				For >100, Deduct	-2.30	
03 15 19 00-0044	EA			7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.08	
				For Galvanized, Add	3.28	
				For Stainless Steel, Add	22.96	
				For >10 To 50, Deduct	-0.58	
				For >50 To 100, Deduct	-1.32	
				For >100, Deduct	-2.63	
03 15 19 00-0045	EA			7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.96	
				For Galvanized, Add	3.76	
				For Stainless Steel, Add	26.32	
				For >10 To 50, Deduct	-0.67	
				For >50 To 100, Deduct	-1.53	
				For >100, Deduct	-3.06	
03 15 19 00-0046	EA			7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.93	
				For Galvanized, Add	3.91	
				For Stainless Steel, Add	27.34	
				For >10 To 50, Deduct	-0.81	
				For >50 To 100, Deduct	-1.81	
				For >100, Deduct	-3.61	
03 15 19 00-0047	EA			7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.36	
				For Galvanized, Add	4.10	
				For Stainless Steel, Add	28.70	
				For >10 To 50, Deduct	-1.01	
				For >50 To 100, Deduct	-2.22	
				For >100, Deduct	-4.44	

03 15 19 00-0048 1" And 1-1/8" Diameter (03 15 19 00-0036)

03 15 19 00-0049	EA			1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.74	
				For Galvanized, Add	3.61	
				For Stainless Steel, Add	25.27	
				For >10 To 50, Deduct	-0.58	
				For >50 To 100, Deduct	-1.33	
				For >100, Deduct	-2.67	
03 15 19 00-0050	EA			1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	21.56	
				For Galvanized, Add	4.06	
				For Stainless Steel, Add	28.42	
				For >10 To 50, Deduct	-0.67	
				For >50 To 100, Deduct	-1.55	
				For >100, Deduct	-3.09	
03 15 19 00-0051	EA			1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.20	
				For Galvanized, Add	4.54	
				For Stainless Steel, Add	31.78	
				For >10 To 50, Deduct	-0.81	
				For >50 To 100, Deduct	-1.84	
				For >100, Deduct	-3.68	
03 15 19 00-0052	EA			1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.04	
				For Galvanized, Add	4.76	
				For Stainless Steel, Add	33.29	
				For >10 To 50, Deduct	-0.88	
				For >50 To 100, Deduct	-1.99	
				For >100, Deduct	-3.98	
03 15 19 00-0053	EA			1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.12	
				For Galvanized, Add	4.98	
				For Stainless Steel, Add	34.86	
				For >10 To 50, Deduct	-1.01	
				For >50 To 100, Deduct	-2.27	
				For >100, Deduct	-4.53	
03 15 19 00-0054	EA			1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.94	
				For Galvanized, Add	5.77	
				For Stainless Steel, Add	40.39	
				For >10 To 50, Deduct	-1.12	
				For >50 To 100, Deduct	-2.53	
				For >100, Deduct	-5.06	
03 15 19 00-0055	EA			1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.37	
				For Galvanized, Add	6.75	
				For Stainless Steel, Add	47.25	
				For >10 To 50, Deduct	-1.34	
				For >50 To 100, Deduct	-3.02	
				For >100, Deduct	-6.05	

03 Concrete**03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.94	
		<i>For Galvanized, Add</i>	4.75	
		<i>For Stainless Steel, Add</i>	33.25	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.58	
		<i>For >100, Deduct</i>	-3.16	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.75	
		<i>For Galvanized, Add</i>	5.32	
		<i>For Stainless Steel, Add</i>	37.21	
		<i>For >10 To 50, Deduct</i>	-0.81	
		<i>For >50 To 100, Deduct</i>	-1.88	
		<i>For >100, Deduct</i>	-3.76	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.65	
		<i>For Galvanized, Add</i>	5.56	
		<i>For Stainless Steel, Add</i>	38.92	
		<i>For >10 To 50, Deduct</i>	-0.88	
		<i>For >50 To 100, Deduct</i>	-2.03	
		<i>For >100, Deduct</i>	-4.06	
03 15 19 00-0059		1-1/4" And 1-3/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.60	
		<i>For Galvanized, Add</i>	5.74	
		<i>For Stainless Steel, Add</i>	40.18	
		<i>For >10 To 50, Deduct</i>	-0.81	
		<i>For >50 To 100, Deduct</i>	-1.90	
		<i>For >100, Deduct</i>	-3.80	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.60	
		<i>For Galvanized, Add</i>	6.72	
		<i>For Stainless Steel, Add</i>	47.04	
		<i>For >10 To 50, Deduct</i>	-1.01	
		<i>For >50 To 100, Deduct</i>	-2.35	
		<i>For >100, Deduct</i>	-4.70	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.44	
		<i>For Galvanized, Add</i>	7.61	
		<i>For Stainless Steel, Add</i>	53.27	
		<i>For >10 To 50, Deduct</i>	-1.06	
		<i>For >50 To 100, Deduct</i>	-2.50	
		<i>For >100, Deduct</i>	-5.01	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.59	
		<i>For Galvanized, Add</i>	8.60	
		<i>For Stainless Steel, Add</i>	60.17	
		<i>For >10 To 50, Deduct</i>	-1.12	
		<i>For >50 To 100, Deduct</i>	-2.67	
		<i>For >100, Deduct</i>	-5.34	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.88	
		<i>For Galvanized, Add</i>	9.35	
		<i>For Stainless Steel, Add</i>	65.42	
		<i>For >10 To 50, Deduct</i>	-1.26	
		<i>For >50 To 100, Deduct</i>	-2.99	
		<i>For >100, Deduct</i>	-5.97	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.81	
		<i>For Galvanized, Add</i>	10.01	
		<i>For Stainless Steel, Add</i>	70.07	
		<i>For >10 To 50, Deduct</i>	-1.44	
		<i>For >50 To 100, Deduct</i>	-3.38	
		<i>For >100, Deduct</i>	-6.76	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.03	
		<i>For Galvanized, Add</i>	10.72	
		<i>For Stainless Steel, Add</i>	75.01	
		<i>For >10 To 50, Deduct</i>	-1.68	
		<i>For >50 To 100, Deduct</i>	-3.90	
		<i>For >100, Deduct</i>	-7.79	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	64.00	
		<i>For Galvanized, Add</i>	11.85	
		<i>For Stainless Steel, Add</i>	82.92	
		<i>For >10 To 50, Deduct</i>	-2.02	
		<i>For >50 To 100, Deduct</i>	-4.62	
		<i>For >100, Deduct</i>	-9.25	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.48	
		<i>For Galvanized, Add</i>	7.18	
		<i>For Stainless Steel, Add</i>	50.26	
		<i>For >10 To 50, Deduct</i>	-0.81	
		<i>For >50 To 100, Deduct</i>	-1.97	
		<i>For >100, Deduct</i>	-3.94	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.96	
		<i>For Galvanized, Add</i>	8.40	
		<i>For Stainless Steel, Add</i>	58.80	
		<i>For >10 To 50, Deduct</i>	-1.01	
		<i>For >50 To 100, Deduct</i>	-2.44	
		<i>For >100, Deduct</i>	-4.87	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.24	
		<i>For Galvanized, Add</i>	9.51	
		<i>For Stainless Steel, Add</i>	66.57	
		<i>For >10 To 50, Deduct</i>	-1.06	
		<i>For >50 To 100, Deduct</i>	-2.60	
		<i>For >100, Deduct</i>	-5.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.88		
		For Galvanized, Add	10.74		
		For Stainless Steel, Add	75.18		
		For >10 To 50, Deduct	-1.12		
		For >50 To 100, Deduct	-2.78		
		For >100, Deduct	-5.55		
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	48.56		
		For Galvanized, Add	11.69		
		For Stainless Steel, Add	81.80		
		For >10 To 50, Deduct	-1.26		
		For >50 To 100, Deduct	-3.10		
		For >100, Deduct	-6.21		
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	53.82		
		For Galvanized, Add	12.52		
		For Stainless Steel, Add	87.61		
		For >10 To 50, Deduct	-1.44		
		For >50 To 100, Deduct	-3.50		
		For >100, Deduct	-7.01		
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	60.60		
		For Galvanized, Add	13.50		
		For Stainless Steel, Add	94.50		
		For >10 To 50, Deduct	-1.68		
		For >50 To 100, Deduct	-4.04		
		For >100, Deduct	-8.07		
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	69.93		
		For Galvanized, Add	14.81		
		For Stainless Steel, Add	103.67		
		For >10 To 50, Deduct	-2.02		
		For >50 To 100, Deduct	-4.77		
		For >100, Deduct	-9.54		

03 15 19 00-0076 **1-1/2", 1-3/4", And 2" Diameter** (03 15 19 00-0036)

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	38.23		
		For Galvanized, Add	9.95		
		For Stainless Steel, Add	69.65		
		For >10 To 50, Deduct	-0.92		
		For >50 To 100, Deduct	-2.33		
		For >100, Deduct	-4.66		
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	42.09		
		For Galvanized, Add	10.44		
		For Stainless Steel, Add	73.05		
		For >10 To 50, Deduct	-1.06		
		For >50 To 100, Deduct	-2.64		
		For >100, Deduct	-5.29		
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	46.68		
		For Galvanized, Add	11.49		
		For Stainless Steel, Add	80.40		
		For >10 To 50, Deduct	-1.19		
		For >50 To 100, Deduct	-2.95		
		For >100, Deduct	-5.89		
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	50.28		
		For Galvanized, Add	12.55		
		For Stainless Steel, Add	87.82		
		For >10 To 50, Deduct	-1.26		
		For >50 To 100, Deduct	-3.15		
		For >100, Deduct	-6.29		
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	54.09		
		For Galvanized, Add	13.61		
		For Stainless Steel, Add	95.27		
		For >10 To 50, Deduct	-1.34		
		For >50 To 100, Deduct	-3.37		
		For >100, Deduct	-6.74		
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	60.28		
		For Galvanized, Add	14.64		
		For Stainless Steel, Add	102.45		
		For >10 To 50, Deduct	-1.55		
		For >50 To 100, Deduct	-3.83		
		For >100, Deduct	-7.67		
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	68.31		
		For Galvanized, Add	15.83		
		For Stainless Steel, Add	110.81		
		For >10 To 50, Deduct	-1.83		
		For >50 To 100, Deduct	-4.46		
		For >100, Deduct	-8.91		
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	79.91		
		For Galvanized, Add	17.56		
		For Stainless Steel, Add	122.89		
		For >10 To 50, Deduct	-2.24		
		For >50 To 100, Deduct	-5.36		
		For >100, Deduct	-10.72		
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	50.10		
		For Galvanized, Add	14.97		
		For Stainless Steel, Add	104.79		
		For >10 To 50, Deduct	-1.01		
		For >50 To 100, Deduct	-2.76		
		For >100, Deduct	-5.53		

03 Concrete**03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0086	EA 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	52.99	
	For Galvanized, Add	15.30	
	For Stainless Steel, Add	107.07	
	For >10 To 50, Deduct	-1.12	
	For >50 To 100, Deduct	-3.00	
	For >100, Deduct	-6.01	
03 15 19 00-0087	EA 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.79	
	For Galvanized, Add	15.54	
	For Stainless Steel, Add	108.78	
	For >10 To 50, Deduct	-1.19	
	For >50 To 100, Deduct	-3.15	
	For >100, Deduct	-6.30	
03 15 19 00-0088	EA 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.09	
	For Galvanized, Add	17.95	
	For Stainless Steel, Add	125.65	
	For >10 To 50, Deduct	-1.26	
	For >50 To 100, Deduct	-3.42	
	For >100, Deduct	-6.83	
03 15 19 00-0089	EA 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	70.24	
	For Galvanized, Add	20.73	
	For Stainless Steel, Add	145.08	
	For >10 To 50, Deduct	-1.44	
	For >50 To 100, Deduct	-3.92	
	For >100, Deduct	-7.83	
03 15 19 00-0090	EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	75.59	
	For Galvanized, Add	21.00	
	For Stainless Steel, Add	146.97	
	For >10 To 50, Deduct	-1.68	
	For >50 To 100, Deduct	-4.41	
	For >100, Deduct	-8.82	
03 15 19 00-0091	EA 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	85.66	
	For Galvanized, Add	22.68	
	For Stainless Steel, Add	158.73	
	For >10 To 50, Deduct	-2.02	
	For >50 To 100, Deduct	-5.16	
	For >100, Deduct	-10.33	
03 15 19 00-0092	EA 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	99.23	
	For Galvanized, Add	24.42	
	For Stainless Steel, Add	170.94	
	For >10 To 50, Deduct	-2.52	
	For >50 To 100, Deduct	-6.26	
	For >100, Deduct	-12.52	
03 15 19 00-0093	EA 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.29	
	For Galvanized, Add	22.79	
	For Stainless Steel, Add	159.53	
	For >10 To 50, Deduct	-1.19	
	For >50 To 100, Deduct	-3.51	
	For >100, Deduct	-7.02	
03 15 19 00-0094	EA 2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	76.15	
	For Galvanized, Add	24.64	
	For Stainless Steel, Add	172.48	
	For >10 To 50, Deduct	-1.34	
	For >50 To 100, Deduct	-3.92	
	For >100, Deduct	-7.84	
03 15 19 00-0095	EA 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	84.72	
	For Galvanized, Add	26.86	
	For Stainless Steel, Add	187.99	
	For >10 To 50, Deduct	-1.55	
	For >50 To 100, Deduct	-4.44	
	For >100, Deduct	-8.89	
03 15 19 00-0096	EA 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	93.53	
	For Galvanized, Add	28.44	
	For Stainless Steel, Add	199.08	
	For >10 To 50, Deduct	-1.83	
	For >50 To 100, Deduct	-5.09	
	For >100, Deduct	-10.17	
03 15 19 00-0097	EA 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	101.43	
	For Galvanized, Add	30.56	
	For Stainless Steel, Add	213.92	
	For >10 To 50, Deduct	-2.02	
	For >50 To 100, Deduct	-5.56	
	For >100, Deduct	-11.12	
03 15 19 00-0098	EA 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	110.07	
	For Galvanized, Add	32.64	
	For Stainless Steel, Add	228.45	
	For >10 To 50, Deduct	-2.24	
	For >50 To 100, Deduct	-6.11	
	For >100, Deduct	-12.22	
03 15 19 00-0099	EA 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	127.69	
	For Galvanized, Add	35.05	
	For Stainless Steel, Add	245.35	
	For >10 To 50, Deduct	-2.88	
	For >50 To 100, Deduct	-7.51	
	For >100, Deduct	-15.02	
03 15 19 00-0100	EA 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	134.65	
	For Galvanized, Add	38.53	
	For Stainless Steel, Add	269.71	
	For >10 To 50, Deduct	-2.88	
	For >50 To 100, Deduct	-7.69	
	For >100, Deduct	-15.37	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 15 19 00-0101	EA			2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	152.84	
				For Galvanized, Add	42.83	
				For Stainless Steel, Add	299.81	
				For >10 To 50, Deduct	-3.36	
				For >50 To 100, Deduct	-8.86	
				For >100, Deduct	-17.72	
03 15 19 00-0102				2-1/2" And 2-3/4" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0103	EA			2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	124.88	
				For Galvanized, Add	50.64	
				For Stainless Steel, Add	354.45	
				For >10 To 50, Deduct	-1.19	
				For >50 To 100, Deduct	-4.90	
				For >100, Deduct	-9.81	
03 15 19 00-0104	EA			2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	132.72	
				For Galvanized, Add	52.93	
				For Stainless Steel, Add	370.48	
				For >10 To 50, Deduct	-1.34	
				For >50 To 100, Deduct	-5.33	
				For >100, Deduct	-10.67	
03 15 19 00-0105	EA			2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	145.80	
				For Galvanized, Add	57.40	
				For Stainless Steel, Add	401.77	
				For >10 To 50, Deduct	-1.55	
				For >50 To 100, Deduct	-5.97	
				For >100, Deduct	-11.94	
03 15 19 00-0106	EA			2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	157.62	
				For Galvanized, Add	60.49	
				For Stainless Steel, Add	423.40	
				For >10 To 50, Deduct	-1.83	
				For >50 To 100, Deduct	-6.69	
				For >100, Deduct	-13.38	
03 15 19 00-0107	EA			2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	167.77	
				For Galvanized, Add	63.73	
				For Stainless Steel, Add	446.11	
				For >10 To 50, Deduct	-2.02	
				For >50 To 100, Deduct	-7.22	
				For >100, Deduct	-14.44	
03 15 19 00-0108	EA			2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	179.52	
				For Galvanized, Add	67.36	
				For Stainless Steel, Add	471.52	
				For >10 To 50, Deduct	-2.24	
				For >50 To 100, Deduct	-7.85	
				For >100, Deduct	-15.70	
03 15 19 00-0109	EA			2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	199.75	
				For Galvanized, Add	71.08	
				For Stainless Steel, Add	497.56	
				For >10 To 50, Deduct	-2.88	
				For >50 To 100, Deduct	-9.31	
				For >100, Deduct	-18.63	
03 15 19 00-0110	EA			2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	139.83	
				For Galvanized, Add	57.32	
				For Stainless Steel, Add	401.24	
				For >10 To 50, Deduct	-1.26	
				For >50 To 100, Deduct	-5.39	
				For >100, Deduct	-10.77	
03 15 19 00-0111	EA			2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	151.42	
				For Galvanized, Add	61.32	
				For Stainless Steel, Add	429.21	
				For >10 To 50, Deduct	-1.44	
				For >50 To 100, Deduct	-5.94	
				For >100, Deduct	-11.89	
03 15 19 00-0112	EA			2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	164.29	
				For Galvanized, Add	65.35	
				For Stainless Steel, Add	457.42	
				For >10 To 50, Deduct	-1.68	
				For >50 To 100, Deduct	-6.63	
				For >100, Deduct	-13.25	
03 15 19 00-0113	EA			2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	178.27	
				For Galvanized, Add	68.98	
				For Stainless Steel, Add	482.86	
				For >10 To 50, Deduct	-2.02	
				For >50 To 100, Deduct	-7.48	
				For >100, Deduct	-14.96	
03 15 19 00-0114	EA			2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	190.69	
				For Galvanized, Add	72.95	
				For Stainless Steel, Add	510.62	
				For >10 To 50, Deduct	-2.24	
				For >50 To 100, Deduct	-8.13	
				For >100, Deduct	-16.25	
03 15 19 00-0115	EA			2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	207.55	
				For Galvanized, Add	78.58	
				For Stainless Steel, Add	550.06	
				For >10 To 50, Deduct	-2.52	
				For >50 To 100, Deduct	-8.97	
				For >100, Deduct	-17.94	

03 Concrete
03 10 Concrete Forming And Accessories
03 15 Concrete Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	232.99	
		<i>For Galvanized, Add</i>	82.91	
		<i>For Stainless Steel, Add</i>	580.34	
		<i>For >10 To 50, Deduct</i>	-3.36	
		<i>For >50 To 100, Deduct</i>	-10.86	
		<i>For >100, Deduct</i>	-21.73	

03 20 Concrete Reinforcing ⁽⁰³⁾

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars ^(03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars ^(03 21)

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar ^(03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.55	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.92	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.36	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.86	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.56	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.94	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.39	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.90	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.57	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.96	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.43	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.96	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.55	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.15	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.85	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.68	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.53	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.60	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	12.92	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.02	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.63	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.25	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.98	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.85	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.74	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.90	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.45	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.58	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.98	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.46	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.01	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.61	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.23	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.95	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.80	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.69	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.83	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.32	

03 21 11 00-0040 Columns, Steel Reinforcement Bar ^(03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.58	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	0.98	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.44	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	1.97	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.59	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.00	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.47	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	2.01	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.60	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.02	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.51	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	2.07	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	2.68	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	3.30	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	4.03	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	4.89	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	5.77	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	7.92	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	13.41	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	2.13	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	2.76	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	3.40	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	4.16	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	5.06	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar.....	5.98	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar.....	8.22	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar.....	13.94	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	0.61	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.04	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.54	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.12	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.74	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.38	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	4.13	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.01	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.93	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	8.15	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	13.81	

03 21 11 00-0079 Footings, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar.....	0.50	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar.....	0.84	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar.....	1.24	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar.....	1.70	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar.....	0.51	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar.....	0.86	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar.....	1.27	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar.....	1.74	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar.....	0.52	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar.....	0.88	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar.....	1.31	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar.....	1.80	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar.....	2.34	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar.....	2.92	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar.....	3.57	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar.....	4.35	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar.....	5.17	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar.....	7.14	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar.....	12.18	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar.....	1.86	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar.....	2.42	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar.....	3.02	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar.....	3.70	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar.....	4.52	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar.....	5.38	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar.....	7.44	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar.....	12.71	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	0.53	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	0.90	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	1.34	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	1.85	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	2.40	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	3.00	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	3.67	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	4.47	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	5.33	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	7.37	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	12.58	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar.....	0.48	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar.....	0.81	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar.....	1.20	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar.....	1.65	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar.....	0.49	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar.....	0.83	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar.....	1.23	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar.....	1.69	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	0.50	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	0.85	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.27	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.75	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.27	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.82	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	3.48	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	4.25	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	5.05	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	6.98	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	11.93	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	1.81	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.35	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.92	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	3.61	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	4.42	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	5.26	

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.28
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.46
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.51
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.87
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.30
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.80
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.33
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.90
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.58
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.37
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.21
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.21
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.33

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.44
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.75
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.12
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.54
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.45
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.77
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.15
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.58
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.46
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.79
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.19
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.64
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.14
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.66
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.29
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.04
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.81
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.68
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.44
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	1.70
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.22
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.76
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.42
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.21
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.02
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.98
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	11.97
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.47
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.81
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.22
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.69
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.20
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.74
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.39
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.16
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.97
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.91
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	11.84

03 21 11 00-0196 Walls, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.43
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.72
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.07
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.48
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.44
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.74
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.10
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.52
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.45
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.76
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.14
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.58
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.07
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	2.59
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	3.20
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	3.93
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	4.69
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	6.52
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	11.20
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.64
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	2.15
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	2.69
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	3.33
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	4.10
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	4.90
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	6.82

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	11.73	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.46	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.78	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.17	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.63	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.13	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.67	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.30	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.05	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.85	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.75	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	11.60	
03 21 11 00-0235		Mechanical Joint Connection (03 21 11)		
03 21 11 00-0236		Thermal Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	174.35	
03 21 11 00-0238		Screwed Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	96.13	
03 21 11 00-0240		Deformed Straight Dowels (03 21 11)		
		Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.		
03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.40	
		For Up To 12" Length, Deduct	-0.25	
		For >12" To <24" Length, Deduct	-0.13	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	2.86	
		For Up To 12" Length, Deduct	-0.33	
		For >12" To <24" Length, Deduct	-0.17	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.44	
		For Up To 12" Length, Deduct	-0.52	
		For >12" To <24" Length, Deduct	-0.26	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	4.14	
		For Up To 12" Length, Deduct	-0.76	
		For >12" To <24" Length, Deduct	-0.38	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	4.82	
		For Up To 12" Length, Deduct	-1.05	
		For >12" To <24" Length, Deduct	-0.53	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	6.07	
		For Up To 12" Length, Deduct	-1.35	
		For >12" To <24" Length, Deduct	-0.67	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	7.13	
		For Up To 12" Length, Deduct	-1.66	
		For >12" To <24" Length, Deduct	-0.83	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	8.68	
		For Up To 12" Length, Deduct	-2.17	
		For >12" To <24" Length, Deduct	-1.09	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	10.25	
		For Up To 12" Length, Deduct	-2.68	
		For >12" To <24" Length, Deduct	-1.34	
03 21 11 00-0250		Spirals, Reinforcing Steel (03 21 11)		
03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	4,002.80	
		For Grade 75, Add	188.81	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,967.15	
		For Grade 75, Add	188.81	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,967.15	
		For Grade 75, Add	188.81	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,895.49	
		For Grade 75, Add	188.81	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,835.37	
		For Grade 75, Add	188.81	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,837.81	
		For Grade 75, Add	193.46	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,787.48	
		For Grade 75, Add	193.46	
03 21 13		Galvanized Reinforcement Steel Bars (03 21)		
03 21 13 00-0001		Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.65	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.10	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.64	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.27	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.66	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.11	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.67	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.30	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.67	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.14	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.71	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.36
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.10
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.86
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.76
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.83
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.95
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.65
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	16.55
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.42
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.18
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.97
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.89
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.00
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.16
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	9.95
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	17.08

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.68
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.16
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.72
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.38
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.69
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.17
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.75
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.41
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.70
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.20
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.79
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.47
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.23
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.01
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.94
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.04
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.19
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	9.97
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	17.04
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.53
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.31
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.12
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.07
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.21
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.40
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.27
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	17.57

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.60
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.02
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.52
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.11
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.61
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.03
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.55
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.14
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.62
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.06
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.59
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.20
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.89
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.63
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.48
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.50
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.59
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.19
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	15.81
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.26
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.97
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.74
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.61
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.67
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.80
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.49
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.34

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.58
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.99
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.06	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	0.59	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.00	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.51	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.09	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	0.60	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.03	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.55	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.15	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.82	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	3.53	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	4.39	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	5.40	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	6.47	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	9.03	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	15.56	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.21	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.90	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	3.64	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	4.52	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	5.57	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	6.68	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	9.33	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	16.09	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.54	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.93	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.40	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.95	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.55	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.94	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.43	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.98	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.56	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.97	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.47	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.04	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.69	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	3.37	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	4.20	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	5.19	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	6.23	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	8.73	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	15.07	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.10	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.77	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	3.48	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	4.33	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	5.36	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	6.44	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	9.03	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	15.60	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	0.53	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	0.90	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	1.35	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	1.89	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	0.54	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	0.91	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.38	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.92	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	0.55	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	0.94	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.42	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.98	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	2.62	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	3.30	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	4.11	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	5.08	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	6.11	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	8.57	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	14.83	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	2.04	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	2.70	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	3.41	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	4.24	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	5.25	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	6.32	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21	13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.36	
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03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21	16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.64	
03 21	16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.08	
03 21	16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.61	
03 21	16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.22	
03 21	16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.65	
03 21	16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.10	
03 21	16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.64	
03 21	16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.26	
03 21	16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.66	
03 21	16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.12	
03 21	16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.68	
03 21	16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.32	
03 21	16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.04	
03 21	16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.78	
03 21	16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.66	
03 21	16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.70	
03 21	16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.80	
03 21	16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.43	
03 21	16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.16	
03 21	16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.38	
03 21	16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.12	
03 21	16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.89	
03 21	16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.79	
03 21	16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.87	
03 21	16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.00	
03 21	16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.72	
03 21	16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.69	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21	16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.67	
03 21	16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.14	
03 21	16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.69	
03 21	16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.33	
03 21	16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.68	
03 21	16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.16	
03 21	16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.72	
03 21	16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.37	
03 21	16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.69	
03 21	16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.18	
03 21	16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.76	
03 21	16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.43	
03 21	16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.17	
03 21	16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.93	
03 21	16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.84	
03 21	16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.91	
03 21	16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.04	
03 21	16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.75	
03 21	16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	16.65	
03 21	16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	2.49	
03 21	16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.25	
03 21	16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.04	
03 21	16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.97	
03 21	16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.08	
03 21	16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.24	
03 21	16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.04	
03 21	16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.18	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21	16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.59	
03 21	16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.00	
03 21	16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.49	
03 21	16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.06	
03 21	16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.60	
03 21	16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.02	
03 21	16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.52	
03 21	16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.10	
03 21	16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.61	
03 21	16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.04	
03 21	16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.56	
03 21	16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.16	
03 21	16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.83	
03 21	16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.55	
03 21	16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.38	
03 21	16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.37	
03 21	16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.44	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 16 00-0075	LF			#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	8.97	
03 21 16 00-0076	LF			#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar.....	15.42	
03 21 16 00-0077	LF			#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	2.22	
03 21 16 00-0078	LF			#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	2.91	
03 21 16 00-0079	LF			#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	3.66	
03 21 16 00-0080	LF			#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	4.51	
03 21 16 00-0081	LF			#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	5.54	
03 21 16 00-0082	LF			#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	6.64	
03 21 16 00-0083	LF			#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	9.26	
03 21 16 00-0084	LF			#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	15.95	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF			#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.57	
03 21 16 00-0087	LF			#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.97	
03 21 16 00-0088	LF			#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.45	
03 21 16 00-0089	LF			#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.01	
03 21 16 00-0090	LF			#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.58	
03 21 16 00-0091	LF			#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.99	
03 21 16 00-0092	LF			#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.48	
03 21 16 00-0093	LF			#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.05	
03 21 16 00-0094	LF			#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.59	
03 21 16 00-0095	LF			#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.01	
03 21 16 00-0096	LF			#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.52	
03 21 16 00-0097	LF			#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.11	
03 21 16 00-0098	LF			#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.76	
03 21 16 00-0099	LF			#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.45	
03 21 16 00-0100	LF			#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.29	
03 21 16 00-0101	LF			#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.27	
03 21 16 00-0102	LF			#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.32	
03 21 16 00-0103	LF			#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	8.81	
03 21 16 00-0104	LF			#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	15.17	
03 21 16 00-0105	LF			#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.17	
03 21 16 00-0106	LF			#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.84	
03 21 16 00-0107	LF			#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.56	
03 21 16 00-0108	LF			#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.42	
03 21 16 00-0109	LF			#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.44	
03 21 16 00-0110	LF			#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.52	
03 21 16 00-0111	LF			#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	9.10	
03 21 16 00-0112	LF			#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	15.70	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF			#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.53	
03 21 16 00-0115	LF			#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.91	
03 21 16 00-0116	LF			#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.37	
03 21 16 00-0117	LF			#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.90	
03 21 16 00-0118	LF			#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.54	
03 21 16 00-0119	LF			#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.93	
03 21 16 00-0120	LF			#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.40	
03 21 16 00-0121	LF			#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.94	
03 21 16 00-0122	LF			#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.55	
03 21 16 00-0123	LF			#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.95	
03 21 16 00-0124	LF			#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.44	
03 21 16 00-0125	LF			#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.00	
03 21 16 00-0126	LF			#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.63	
03 21 16 00-0127	LF			#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.29	
03 21 16 00-0128	LF			#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.10	
03 21 16 00-0129	LF			#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.06	
03 21 16 00-0130	LF			#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.08	
03 21 16 00-0131	LF			#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.51	
03 21 16 00-0132	LF			#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	14.68	
03 21 16 00-0133	LF			#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.06	
03 21 16 00-0134	LF			#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.71	
03 21 16 00-0135	LF			#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.40	
03 21 16 00-0136	LF			#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.23	
03 21 16 00-0137	LF			#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.23	
03 21 16 00-0138	LF			#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.28	
03 21 16 00-0139	LF			#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.80	
03 21 16 00-0140	LF			#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	15.21	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF			#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.52	
03 21 16 00-0143	LF			#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.88	
03 21 16 00-0144	LF			#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.32	
03 21 16 00-0145	LF			#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.84	
03 21 16 00-0146	LF			#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.53	
03 21 16 00-0147	LF			#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.90	
03 21 16 00-0148	LF			#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.35	
03 21 16 00-0149	LF			#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.88	
03 21 16 00-0150	LF			#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.54	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.92	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.39	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.94	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.56	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.22	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.01	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.95	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.96	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.35	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	14.44	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.00	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.64	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.33	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.14	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.12	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.16	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.64	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	14.97	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	2.81	
		<i>For Up To 12" Length, Deduct</i>	-0.35	
		<i>For >12" To <24" Length, Deduct</i>	-0.18	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	3.36	
		<i>For Up To 12" Length, Deduct</i>	-0.53	
		<i>For >12" To <24" Length, Deduct</i>	-0.27	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.12	
		<i>For Up To 12" Length, Deduct</i>	-0.80	
		<i>For >12" To <24" Length, Deduct</i>	-0.40	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.89	
		<i>For Up To 12" Length, Deduct</i>	-1.06	
		<i>For >12" To <24" Length, Deduct</i>	-0.53	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.05	
		<i>For Up To 12" Length, Deduct</i>	-1.44	
		<i>For >12" To <24" Length, Deduct</i>	-0.72	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.13	
		<i>For Up To 12" Length, Deduct</i>	-1.77	
		<i>For >12" To <24" Length, Deduct</i>	-0.89	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.48	
		<i>For Up To 12" Length, Deduct</i>	-2.14	
		<i>For >12" To <24" Length, Deduct</i>	-1.07	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	10.18	
		<i>For Up To 12" Length, Deduct</i>	-2.60	
		<i>For >12" To <24" Length, Deduct</i>	-1.30	

03 22 Fabric And Grid Reinforcing (03 20)

03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.68	
		<i>For >5 Ton, Deduct</i>	-0.10	
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.77	
		<i>For >5 Ton, Deduct</i>	-0.12	
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.87	
		<i>For >5 Ton, Deduct</i>	-0.13	
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.02	
		<i>For >5 Ton, Deduct</i>	-0.15	
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.80	
		<i>For >5 Ton, Deduct</i>	-0.12	
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.90	
		<i>For >5 Ton, Deduct</i>	-0.13	
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.11	
		<i>For >5 Ton, Deduct</i>	-0.16	
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.29	
		<i>For >5 Ton, Deduct</i>	-0.18	
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9).....	1.18	
		<i>For >5 Ton, Deduct</i>	-0.16	

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.75	
		<i>For >5 Ton, Deduct</i>	-0.11	
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.85	
		<i>For >5 Ton, Deduct</i>	-0.13	
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.97	
		<i>For >5 Ton, Deduct</i>	-0.14	
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.16	
		<i>For >5 Ton, Deduct</i>	-0.16	
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.89	
		<i>For >5 Ton, Deduct</i>	-0.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.01
		<i>For >5 Ton, Deduct</i>	-0.14
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.30
		<i>For >5 Ton, Deduct</i>	-0.18
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.51
		<i>For >5 Ton, Deduct</i>	-0.20

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5).....	2.69
		<i>For >5 Ton, Deduct</i>	-0.43

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 16)

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.74
		<i>For >5 Ton, Deduct</i>	-0.11
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.84
		<i>For >5 Ton, Deduct</i>	-0.12
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.96
		<i>For >5 Ton, Deduct</i>	-0.14
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.15
		<i>For >5 Ton, Deduct</i>	-0.16
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.88
		<i>For >5 Ton, Deduct</i>	-0.13
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.00
		<i>For >5 Ton, Deduct</i>	-0.14
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.27
		<i>For >5 Ton, Deduct</i>	-0.17
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.48
		<i>For >5 Ton, Deduct</i>	-0.20

03 30 Cast-In-Place Concrete (03)

03 30 53 Miscellaneous Cast-in-Place Concrete (03 30)

03 30 53 00-0001 Place Concrete Thrust Blocks And Backfill (03 30 53)

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	223.19
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.59
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.29
		<i>For 3,500 PSI Concrete, Add</i>	7.95
		<i>For 3,750 PSI Concrete, Add</i>	10.81
		<i>For 4,000 PSI Concrete, Add</i>	13.67
		<i>For 4,500 PSI Concrete, Add</i>	15.90
		<i>For 5,000 PSI Concrete, Add</i>	18.13
		<i>For 6,000 PSI Concrete, Add</i>	42.93
		<i>For 7,500 PSI Concrete, Add</i>	106.61
		<i>For White Cement Concrete, Add</i>	19.08
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.67
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.90
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	47.70

03 30 53 00-0003 Place Concrete Slurry (03 30 53)

03 30 53 00-0004	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry	173.11
		Note: Two 94# sack cement per CY.	
03 30 53 00-0005	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry	167.44
		Note: Two 94# sack cement per CY. Excludes pumping equipment.	

03 30 53 00-0006 Hand Mix And Place Concrete (03 30 53)

03 30 53 00-0007	CF	Hand Mix And Place Concrete.....	27.78
		Note: For use where conventional equipment access is limited or when directed by the owner.	
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.37
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.18
		<i>For 3,500 PSI Concrete, Add</i>	0.34

03 31 Structural Concrete (03 30)

03 31 13 Heavyweight Structural Concrete (03 31)

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Equipment Pads (03 31 13)

03 31 13 00-0002 Small Concrete Equipment Housekeeping Pad Assemblies (03 31 13 00-0001)

Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0003	SF	4" Equipment Pad With Welded Wire Reinforcement	16.20
03 31 13 00-0004	SF	4" Equipment Pad With Rebar	19.89
03 31 13 00-0005	SF	6" Equipment Pad With Rebar	25.17
03 31 13 00-0006	SF	8" Equipment Pad With Rebar	31.73

03 31 13 00-0007 Concrete Slab Assemblies (03 31 13)

03 31 13 00-0008 3,000 PSI Slab On Grade Concrete Slabs Assemblies (03 31 13 00-0007)

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0009	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.11
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.21
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.10
		<i>For 3,500 PSI Concrete, Add</i>	0.07
		<i>For 4,000 PSI Concrete, Add</i>	0.24
		<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13
		<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40
		<i>For Up To 500, Add</i>	2.72
		<i>For >500 To 1,000, Add</i>	1.88
		<i>For >1,000 To 2,000, Add</i>	1.04
		<i>For >2,000 To 5,000, Add</i>	0.52
		<i>For >10,000 To 20,000, Deduct</i>	-0.19
		<i>For >20,000 To 35,000, Deduct</i>	-0.37
		<i>For >35,000 To 50,000, Deduct</i>	-0.55
		<i>For >50,000 To 70,000, Deduct</i>	-0.73
		<i>For >70,000, Deduct</i>	-0.90
03 31 13 00-0010	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.79
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.24
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.12
		<i>For 3,500 PSI Concrete, Add</i>	0.08
		<i>For 4,000 PSI Concrete, Add</i>	0.28
		<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13
		<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40
		<i>For Up To 500, Add</i>	2.92
		<i>For >500 To 1,000, Add</i>	2.02
		<i>For >1,000 To 2,000, Add</i>	1.12
		<i>For >2,000 To 5,000, Add</i>	0.56
		<i>For >10,000 To 20,000, Deduct</i>	-0.22
		<i>For >20,000 To 35,000, Deduct</i>	-0.41
		<i>For >35,000 To 50,000, Deduct</i>	-0.61
		<i>For >50,000 To 70,000, Deduct</i>	-0.80
		<i>For >70,000, Deduct</i>	-1.00
03 31 13 00-0011	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.75
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.28
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.14
		<i>For 3,500 PSI Concrete, Add</i>	0.10
		<i>For 4,000 PSI Concrete, Add</i>	0.32
		<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13
		<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40
		<i>For Up To 500, Add</i>	3.20
		<i>For >500 To 1,000, Add</i>	2.22
		<i>For >1,000 To 2,000, Add</i>	1.24
		<i>For >2,000 To 5,000, Add</i>	0.62
		<i>For >10,000 To 20,000, Deduct</i>	-0.26
		<i>For >20,000 To 35,000, Deduct</i>	-0.47
		<i>For >35,000 To 50,000, Deduct</i>	-0.69
		<i>For >50,000 To 70,000, Deduct</i>	-0.91
		<i>For >70,000, Deduct</i>	-1.13
03 31 13 00-0012	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.68
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.32
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.16
		<i>For 3,500 PSI Concrete, Add</i>	0.11
		<i>For 4,000 PSI Concrete, Add</i>	0.37
		<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13
		<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40
		<i>For Up To 500, Add</i>	3.45
		<i>For >500 To 1,000, Add</i>	2.40
		<i>For >1,000 To 2,000, Add</i>	1.35
		<i>For >2,000 To 5,000, Add</i>	0.67
		<i>For >10,000 To 20,000, Deduct</i>	-0.30
		<i>For >20,000 To 35,000, Deduct</i>	-0.54
		<i>For >35,000 To 50,000, Deduct</i>	-0.78
		<i>For >50,000 To 70,000, Deduct</i>	-1.02
		<i>For >70,000, Deduct</i>	-1.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0013	SF 8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	10.46	
	For 2,000 PSI Concrete, Deduct	-0.35	
	For 2,500 PSI Concrete, Deduct	-0.18	
	For 3,500 PSI Concrete, Add	0.12	
	For 4,000 PSI Concrete, Add	0.41	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	3.66	
	For >500 To 1,000, Add	2.55	
	For >1,000 To 2,000, Add	1.44	
	For >2,000 To 5,000, Add	0.72	
	For >10,000 To 20,000, Deduct	-0.33	
	For >20,000 To 35,000, Deduct	-0.59	
	For >35,000 To 50,000, Deduct	-0.85	
	For >50,000 To 70,000, Deduct	-1.11	
	For >70,000, Deduct	-1.37	
03 31 13 00-0014	SF 10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	12.47	
	For 2,000 PSI Concrete, Deduct	-0.44	
	For 2,500 PSI Concrete, Deduct	-0.22	
	For 3,500 PSI Concrete, Add	0.16	
	For 4,000 PSI Concrete, Add	0.52	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	4.19	
	For >500 To 1,000, Add	2.93	
	For >1,000 To 2,000, Add	1.67	
	For >2,000 To 5,000, Add	0.84	
	For >10,000 To 20,000, Deduct	-0.41	
	For >20,000 To 35,000, Deduct	-0.72	
	For >35,000 To 50,000, Deduct	-1.04	
	For >50,000 To 70,000, Deduct	-1.35	
	For >70,000, Deduct	-1.66	
03 31 13 00-0015	SF 12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	14.03	
	For 2,000 PSI Concrete, Deduct	-0.51	
	For 2,500 PSI Concrete, Deduct	-0.26	
	For 3,500 PSI Concrete, Add	0.18	
	For 4,000 PSI Concrete, Add	0.60	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	4.62	
	For >500 To 1,000, Add	3.24	
	For >1,000 To 2,000, Add	1.86	
	For >2,000 To 5,000, Add	0.93	
	For >10,000 To 20,000, Deduct	-0.48	
	For >20,000 To 35,000, Deduct	-0.83	
	For >35,000 To 50,000, Deduct	-1.18	
	For >50,000 To 70,000, Deduct	-1.53	
	For >70,000, Deduct	-1.88	
03 31 13 00-0016	Concrete Delivery And Placement <small>(03 31 13)</small>		
	Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.		
03 31 13 00-0017	Place Concrete By Method Indicated <small>(03 31 13 00-0016)</small>		
	Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.		
03 31 13 00-0018	Place Concrete Pile Caps <small>(03 31 13 00-0017)</small>		
03 31 13 00-0019	CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	262.09	
	For 2,000 PSI Concrete, Deduct	-8.59	
	For 2,500 PSI Concrete, Deduct	-4.29	
	For 3,500 PSI Concrete, Add	7.95	
	For 3,750 PSI Concrete, Add	10.81	
	For 4,000 PSI Concrete, Add	13.67	
	For 4,500 PSI Concrete, Add	15.90	
	For 5,000 PSI Concrete, Add	18.13	
	For 6,000 PSI Concrete, Add	42.93	
	For 7,500 PSI Concrete, Add	106.61	
	For White Cement Concrete, Add	19.08	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
	For High Early Strength, Type 3 ASTM C150, Add	15.90	
	For Lightweight Aggregate, ASTM C330, Add	47.70	
	For Up To 20, Add	41.24	
	For >20 To 50, Add	15.46	
	For >100 To 200, Deduct	-5.24	
	For >200 To 400, Deduct	-10.48	
	For >400, Deduct	-15.73	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0020	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps.....	206.20	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	18.88	
		For >20 To 50, Add	7.08	
		For >100 To 200, Deduct	-4.12	
		For >200 To 400, Deduct	-8.25	
		For >400, Deduct	-12.37	
03 31 13 00-0021	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps.....	217.19	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	17.98	
		For >20 To 50, Add	6.74	
		For >100 To 200, Deduct	-4.34	
		For >200 To 400, Deduct	-8.69	
		For >400, Deduct	-13.03	
03 31 13 00-0022		Place Concrete Continuous Footings <small>(03 31 13 00-0017)</small>		
03 31 13 00-0023	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	250.63	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	36.65	
		For >20 To 50, Add	13.74	
		For >100 To 200, Deduct	-5.01	
		For >200 To 400, Deduct	-10.03	
		For >400, Deduct	-15.04	
03 31 13 00-0024	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	200.95	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	16.78	
		For >20 To 50, Add	6.29	
		For >100 To 200, Deduct	-4.02	
		For >200 To 400, Deduct	-8.04	
		For >400, Deduct	-12.06	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0025	CY		Concrete Pump, Place 3,000 PSI Concrete Continuous Footings.....	212.20	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	15.98	
				For >20 To 50, Add	5.99	
				For >100 To 200, Deduct	-4.24	
				For >200 To 400, Deduct	-8.49	
				For >400, Deduct	-12.73	

03 31 13 00-0026 Place Concrete Spread Footings (03 31 13 00-0017)

03 31	13 00-0027	CY		Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	313.62	
				For 2,000 PSI Concrete, Deduct	-8.59	
				For 2,500 PSI Concrete, Deduct	-4.29	
				For 3,500 PSI Concrete, Add	7.95	
				For 3,750 PSI Concrete, Add	10.81	
				For 4,000 PSI Concrete, Add	13.67	
				For 4,500 PSI Concrete, Add	15.90	
				For 5,000 PSI Concrete, Add	18.12	
				For 6,000 PSI Concrete, Add	42.93	
				For 7,500 PSI Concrete, Add	106.60	
				For White Cement Concrete, Add	19.08	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
				For High Early Strength, Type 3 ASTM C150, Add	15.90	
				For Lightweight Aggregate, ASTM C330, Add	47.70	
				For Up To 20, Add	61.85	
				For >20 To 50, Add	23.19	
				For >100 To 200, Deduct	-6.27	
				For >200 To 400, Deduct	-12.54	
				For >400, Deduct	-18.82	

03 31	13 00-0028	CY		Direct Chute, Place 3,000 PSI Concrete Spread Footings	229.79	
				For 2,000 PSI Concrete, Deduct	-8.59	
				For 2,500 PSI Concrete, Deduct	-4.29	
				For 3,500 PSI Concrete, Add	7.95	
				For 3,750 PSI Concrete, Add	10.81	
				For 4,000 PSI Concrete, Add	13.67	
				For 4,500 PSI Concrete, Add	15.90	
				For 5,000 PSI Concrete, Add	18.12	
				For 6,000 PSI Concrete, Add	42.93	
				For 7,500 PSI Concrete, Add	106.60	
				For White Cement Concrete, Add	19.08	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
				For High Early Strength, Type 3 ASTM C150, Add	15.90	
				For Lightweight Aggregate, ASTM C330, Add	47.70	
				For Up To 20, Add	28.32	
				For >20 To 50, Add	10.62	
				For >100 To 200, Deduct	-4.60	
				For >200 To 400, Deduct	-9.19	
				For >400, Deduct	-13.79	

03 31	13 00-0029	CY		Concrete Pump, Place 3,000 PSI Concrete Spread Footings	239.87	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	26.97	
				For >20 To 50, Add	10.11	
				For >100 To 200, Deduct	-4.79	
				For >200 To 400, Deduct	-9.59	
				For >400, Deduct	-14.38	

03 31 13 00-0030 Place Concrete Mat Foundation (03 31 13 00-0017)

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0031	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	186.48	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	11.00	
		For >20 To 50, Add	4.12	
		For >100 To 200, Deduct	-3.73	
		For >200 To 400, Deduct	-7.46	
		For >400, Deduct	-11.19	
03 31 13 00-0032	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	171.58	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	5.04	
		For >20 To 50, Add	1.89	
		For >100 To 200, Deduct	-3.43	
		For >200 To 400, Deduct	-6.86	
		For >400, Deduct	-10.29	
03 31 13 00-0033	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation	182.73	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	4.20	
		For >20 To 50, Add	1.57	
		For >100 To 200, Deduct	-3.65	
		For >200 To 400, Deduct	-7.31	
		For >400, Deduct	-10.96	
03 31 13 00-0034		Place Concrete Grade Beams <small>(03 31 13 00-0017)</small>		
03 31 13 00-0035	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	232.30	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	29.32	
		For >20 To 50, Add	11.00	
		For >100 To 200, Deduct	-4.65	
		For >200 To 400, Deduct	-9.29	
		For >400, Deduct	-13.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0036	CY		Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	192.56	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	13.43	
			For >20 To 50, Add	5.04	
			For >100 To 200, Deduct	-3.85	
			For >200 To 400, Deduct	-7.70	
			For >400, Deduct	-11.55	
03 31 13 00-0037	CY		Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	204.20	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-9.30	
			For 2,500 PSI Concrete, Deduct	-4.65	
			For 3,500 PSI Concrete, Add	8.61	
			For 3,750 PSI Concrete, Add	11.71	
			For 4,000 PSI Concrete, Add	14.81	
			For 4,500 PSI Concrete, Add	17.22	
			For 5,000 PSI Concrete, Add	19.64	
			For 6,000 PSI Concrete, Add	46.50	
			For 7,500 PSI Concrete, Add	115.49	
			For White Cement Concrete, Add	20.67	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
			For High Early Strength, Type 3 ASTM C150, Add	17.22	
			For Lightweight Aggregate, ASTM C330, Add	51.67	
			For Up To 20, Add	12.78	
			For >20 To 50, Add	4.79	
			For >100 To 200, Deduct	-4.08	
			For >200 To 400, Deduct	-8.17	
			For >400, Deduct	-12.25	

03 31 13 00-0038 Place Concrete Slab On Grade (03 31 13 00-0017)

03 31 13 00-0039	CY		Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	234.02	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	30.01	
			For >20 To 50, Add	11.25	
			For >100 To 200, Deduct	-4.68	
			For >200 To 400, Deduct	-9.36	
			For >400, Deduct	-14.04	
03 31 13 00-0040	CY		>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	215.93	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	22.78	
			For >20 To 50, Add	8.54	
			For >100 To 200, Deduct	-4.32	
			For >200 To 400, Deduct	-8.64	
			For >400, Deduct	-12.96	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0041	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	193.34	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.59	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.29	
		<i>For 3,500 PSI Concrete, Add</i>	7.95	
		<i>For 3,750 PSI Concrete, Add</i>	10.81	
		<i>For 4,000 PSI Concrete, Add</i>	13.67	
		<i>For 4,500 PSI Concrete, Add</i>	15.90	
		<i>For 5,000 PSI Concrete, Add</i>	18.12	
		<i>For 6,000 PSI Concrete, Add</i>	42.93	
		<i>For 7,500 PSI Concrete, Add</i>	106.60	
		<i>For White Cement Concrete, Add</i>	19.08	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.67	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.90	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	47.70	
		<i>For Up To 20, Add</i>	13.74	
		<i>For >20 To 50, Add</i>	5.15	
		<i>For >100 To 200, Deduct</i>	-3.87	
		<i>For >200 To 400, Deduct</i>	-7.73	
		<i>For >400, Deduct</i>	-11.60	
03 31 13 00-0042	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	185.05	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.59	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.29	
		<i>For 3,500 PSI Concrete, Add</i>	7.95	
		<i>For 3,750 PSI Concrete, Add</i>	10.81	
		<i>For 4,000 PSI Concrete, Add</i>	13.67	
		<i>For 4,500 PSI Concrete, Add</i>	15.90	
		<i>For 5,000 PSI Concrete, Add</i>	18.12	
		<i>For 6,000 PSI Concrete, Add</i>	42.93	
		<i>For 7,500 PSI Concrete, Add</i>	106.60	
		<i>For White Cement Concrete, Add</i>	19.08	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.67	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.90	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	47.70	
		<i>For Up To 20, Add</i>	10.42	
		<i>For >20 To 50, Add</i>	-3.91	
		<i>For >100 To 200, Deduct</i>	-3.70	
		<i>For >200 To 400, Deduct</i>	-7.40	
		<i>For >400, Deduct</i>	-11.10	
03 31 13 00-0043	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	200.87	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-9.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.65	
		<i>For 3,500 PSI Concrete, Add</i>	8.61	
		<i>For 3,750 PSI Concrete, Add</i>	11.71	
		<i>For 4,000 PSI Concrete, Add</i>	14.81	
		<i>For 4,500 PSI Concrete, Add</i>	17.22	
		<i>For 5,000 PSI Concrete, Add</i>	19.64	
		<i>For 6,000 PSI Concrete, Add</i>	46.50	
		<i>For 7,500 PSI Concrete, Add</i>	115.49	
		<i>For White Cement Concrete, Add</i>	20.67	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	22.39	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	17.22	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	51.67	
		<i>For Up To 20, Add</i>	11.45	
		<i>For >20 To 50, Add</i>	4.29	
		<i>For >100 To 200, Deduct</i>	-4.02	
		<i>For >200 To 400, Deduct</i>	-8.03	
		<i>For >400, Deduct</i>	-12.05	
03 31 13 00-0044	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	193.96	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-9.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.65	
		<i>For 3,500 PSI Concrete, Add</i>	8.61	
		<i>For 3,750 PSI Concrete, Add</i>	11.71	
		<i>For 4,000 PSI Concrete, Add</i>	14.81	
		<i>For 4,500 PSI Concrete, Add</i>	17.22	
		<i>For 5,000 PSI Concrete, Add</i>	19.64	
		<i>For 6,000 PSI Concrete, Add</i>	46.50	
		<i>For 7,500 PSI Concrete, Add</i>	115.49	
		<i>For White Cement Concrete, Add</i>	20.67	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	22.39	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	17.22	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	51.67	
		<i>For Up To 20, Add</i>	8.69	
		<i>For >20 To 50, Add</i>	3.26	
		<i>For >100 To 200, Deduct</i>	-3.88	
		<i>For >200 To 400, Deduct</i>	-7.76	
		<i>For >400, Deduct</i>	-11.64	

03 31 13 00-0045 Place Concrete Duct Bank (03 31 13 00-0017)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0046	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	187.42	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	11.37	
			For >20 To 50, Add	4.26	
			For >100 To 200, Deduct	-3.75	
			For >200 To 400, Deduct	-7.50	
			For >400, Deduct	-11.25	

03 31 13 00-0047 Place Concrete Stairs (03 31 13 00-0017)

03 31	13 00-0048	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	496.58	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.13	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.61	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	135.03	
			For >20 To 50, Add	50.64	
			For >100 To 200, Deduct	-9.93	
			For >200 To 400, Deduct	-19.86	
			For >400, Deduct	-29.79	

03 31	13 00-0049	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	313.58	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	61.84	
			For >20 To 50, Add	23.19	
			For >100 To 200, Deduct	-6.27	
			For >200 To 400, Deduct	-12.54	
			For >400, Deduct	-18.81	

03 31	13 00-0050	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	301.09	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-9.30	
			For 2,500 PSI Concrete, Deduct	-4.65	
			For 3,500 PSI Concrete, Add	8.61	
			For 3,750 PSI Concrete, Add	11.71	
			For 4,000 PSI Concrete, Add	14.81	
			For 4,500 PSI Concrete, Add	17.22	
			For 5,000 PSI Concrete, Add	19.64	
			For 6,000 PSI Concrete, Add	46.50	
			For 7,500 PSI Concrete, Add	115.49	
			For White Cement Concrete, Add	20.67	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
			For High Early Strength, Type 3 ASTM C150, Add	17.22	
			For Lightweight Aggregate, ASTM C330, Add	51.67	
			For Up To 20, Add	51.54	
			For >20 To 50, Add	19.33	
			For >100 To 200, Deduct	-6.02	
			For >200 To 400, Deduct	-12.04	
			For >400, Deduct	-18.07	

03 31 13 00-0051 Place Concrete Superstructure By Method Indicated (03 31 13 00-0016)

See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0052 Place Elevated Concrete Beams (03 31 13 00-0051)

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0053	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	342.26	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	73.31	
		For >20 To 50, Add	27.49	
		For >100 To 200, Deduct	-6.85	
		For >200 To 400, Deduct	-13.69	
		For >400, Deduct	-20.54	
03 31 13 00-0054	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	252.16	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	31.97	
		For >20 To 50, Add	11.99	
		For >100 To 200, Deduct	-5.04	
		For >200 To 400, Deduct	-10.09	
		For >400, Deduct	-15.13	
03 31 13 00-0055		Place Elevated Concrete Slab <small>(03 31 13 00-0051)</small>		
03 31 13 00-0056	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab.....	245.27	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	34.51	
		For >20 To 50, Add	12.94	
		For >100 To 200, Deduct	-4.91	
		For >200 To 400, Deduct	-9.81	
		For >400, Deduct	-14.72	
03 31 13 00-0057	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab.....	224.45	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	26.18	
		For >20 To 50, Add	9.82	
		For >100 To 200, Deduct	-4.49	
		For >200 To 400, Deduct	-8.98	
		For >400, Deduct	-13.47	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0058	CY			Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	209.86	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	15.05	
				For >20 To 50, Add	5.64	
				For >100 To 200, Deduct	-4.20	
				For >200 To 400, Deduct	-8.39	
				For >400, Deduct	-12.59	
03 31 13 00-0059	CY			>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	200.78	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	11.42	
				For >20 To 50, Add	4.28	
				For >100 To 200, Deduct	-4.02	
				For >200 To 400, Deduct	-8.03	
				For >400, Deduct	-12.05	

03 31 13 00-0060 Place Concrete Columns (03 31 13 00-0051)

03 31 13 00-0061	CY			12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	356.93	
				For 2,000 PSI Concrete, Deduct	-8.59	
				For 2,500 PSI Concrete, Deduct	-4.29	
				For 3,500 PSI Concrete, Add	7.95	
				For 3,750 PSI Concrete, Add	10.81	
				For 4,000 PSI Concrete, Add	13.67	
				For 4,500 PSI Concrete, Add	15.90	
				For 5,000 PSI Concrete, Add	18.13	
				For 6,000 PSI Concrete, Add	42.93	
				For 7,500 PSI Concrete, Add	106.61	
				For White Cement Concrete, Add	19.08	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
				For High Early Strength, Type 3 ASTM C150, Add	15.90	
				For Lightweight Aggregate, ASTM C330, Add	47.70	
				For Up To 20, Add	79.17	
				For >20 To 50, Add	29.69	
				For >100 To 200, Deduct	-7.14	
				For >200 To 400, Deduct	-14.28	
				For >400, Deduct	-21.42	
03 31 13 00-0062	CY			18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	302.85	
				For 2,000 PSI Concrete, Deduct	-8.59	
				For 2,500 PSI Concrete, Deduct	-4.29	
				For 3,500 PSI Concrete, Add	7.95	
				For 3,750 PSI Concrete, Add	10.81	
				For 4,000 PSI Concrete, Add	13.67	
				For 4,500 PSI Concrete, Add	15.90	
				For 5,000 PSI Concrete, Add	18.12	
				For 6,000 PSI Concrete, Add	42.93	
				For 7,500 PSI Concrete, Add	106.60	
				For White Cement Concrete, Add	19.08	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
				For High Early Strength, Type 3 ASTM C150, Add	15.90	
				For Lightweight Aggregate, ASTM C330, Add	47.70	
				For Up To 20, Add	57.54	
				For >20 To 50, Add	21.58	
				For >100 To 200, Deduct	-6.06	
				For >200 To 400, Deduct	-12.11	
				For >400, Deduct	-18.17	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0063	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	264.19	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.12	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.60	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	42.08	
		For >20 To 50, Add	15.78	
		For >100 To 200, Deduct	-5.28	
		For >200 To 400, Deduct	-10.57	
		For >400, Deduct	-15.85	
03 31 13 00-0064	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	246.97	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	35.19	
		For >20 To 50, Add	13.20	
		For >100 To 200, Deduct	-4.94	
		For >200 To 400, Deduct	-9.88	
		For >400, Deduct	-14.82	
03 31 13 00-0065	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	258.55	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	34.52	
		For >20 To 50, Add	12.95	
		For >100 To 200, Deduct	-5.17	
		For >200 To 400, Deduct	-10.34	
		For >400, Deduct	-15.51	
03 31 13 00-0066	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	234.97	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	25.09	
		For >20 To 50, Add	9.41	
		For >100 To 200, Deduct	-4.70	
		For >200 To 400, Deduct	-9.40	
		For >400, Deduct	-14.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0067	CY	24"	Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns218.11		
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-9.30	
			For 2,500 PSI Concrete, Deduct	-4.65	
			For 3,500 PSI Concrete, Add	8.61	
			For 3,750 PSI Concrete, Add	11.71	
			For 4,000 PSI Concrete, Add	14.81	
			For 4,500 PSI Concrete, Add	17.22	
			For 5,000 PSI Concrete, Add	19.64	
			For 6,000 PSI Concrete, Add	46.50	
			For 7,500 PSI Concrete, Add	115.49	
			For White Cement Concrete, Add	20.67	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
			For High Early Strength, Type 3 ASTM C150, Add	17.22	
			For Lightweight Aggregate, ASTM C330, Add	51.67	
			For Up To 20, Add	18.35	
			For >20 To 50, Add	6.88	
			For >100 To 200, Deduct	-4.36	
			For >200 To 400, Deduct	-8.72	
			For >400, Deduct	-13.09	
03 31 13 00-0068	CY	36"	Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....210.60		
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-9.30	
			For 2,500 PSI Concrete, Deduct	-4.65	
			For 3,500 PSI Concrete, Add	8.61	
			For 3,750 PSI Concrete, Add	11.71	
			For 4,000 PSI Concrete, Add	14.81	
			For 4,500 PSI Concrete, Add	17.22	
			For 5,000 PSI Concrete, Add	19.64	
			For 6,000 PSI Concrete, Add	46.50	
			For 7,500 PSI Concrete, Add	115.49	
			For White Cement Concrete, Add	20.67	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
			For High Early Strength, Type 3 ASTM C150, Add	17.22	
			For Lightweight Aggregate, ASTM C330, Add	51.67	
			For Up To 20, Add	15.34	
			For >20 To 50, Add	5.75	
			For >100 To 200, Deduct	-4.21	
			For >200 To 400, Deduct	-8.42	
			For >400, Deduct	-12.64	

03 31 13 00-0069 Place Concrete Walls (03 31 13 00-0051)

03 31 13 00-0070	CY	8"	Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....344.55		
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	74.22	
			For >20 To 50, Add	27.83	
			For >100 To 200, Deduct	-6.89	
			For >200 To 400, Deduct	-13.78	
			For >400, Deduct	-20.67	
03 31 13 00-0071	CY	12"	Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....329.16		
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	68.07	
			For >20 To 50, Add	25.53	
			For >100 To 200, Deduct	-6.58	
			For >200 To 400, Deduct	-13.17	
			For >400, Deduct	-19.75	

03	Concrete
03 30	Cast-In-Place Concrete
03 31	Structural Concrete

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0072	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls.....	288.88	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	51.96	
			For >20 To 50, Add	19.48	
			For >100 To 200, Deduct	-5.78	
			For >200 To 400, Deduct	-11.56	
			For >400, Deduct	-17.33	
03 31	13 00-0073	CY	8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	243.95	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	33.98	
			For >20 To 50, Add	12.74	
			For >100 To 200, Deduct	-4.88	
			For >200 To 400, Deduct	-9.76	
			For >400, Deduct	-14.64	
03 31	13 00-0074	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	226.96	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	27.19	
			For >20 To 50, Add	10.20	
			For >100 To 200, Deduct	-4.54	
			For >200 To 400, Deduct	-9.08	
			For >400, Deduct	-13.62	
03 31	13 00-0075	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	218.46	
			For 2,000 PSI Concrete, Deduct	-8.59	
			For 2,500 PSI Concrete, Deduct	-4.29	
			For 3,500 PSI Concrete, Add	7.95	
			For 3,750 PSI Concrete, Add	10.81	
			For 4,000 PSI Concrete, Add	13.67	
			For 4,500 PSI Concrete, Add	15.90	
			For 5,000 PSI Concrete, Add	18.12	
			For 6,000 PSI Concrete, Add	42.93	
			For 7,500 PSI Concrete, Add	106.60	
			For White Cement Concrete, Add	19.08	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
			For High Early Strength, Type 3 ASTM C150, Add	15.90	
			For Lightweight Aggregate, ASTM C330, Add	47.70	
			For Up To 20, Add	23.79	
			For >20 To 50, Add	8.92	
			For >100 To 200, Deduct	-4.37	
			For >200 To 400, Deduct	-8.74	
			For >400, Deduct	-13.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0076	CY	8"	Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls 253.15		
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	32.36	
				For >20 To 50, Add	12.14	
				For >100 To 200, Deduct	-5.06	
				For >200 To 400, Deduct	-10.13	
				For >400, Deduct	-15.19	
03 31	13 00-0077	CY	12"	Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls 236.97		
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	25.89	
				For >20 To 50, Add	9.71	
				For >100 To 200, Deduct	-4.74	
				For >200 To 400, Deduct	-9.48	
				For >400, Deduct	-14.22	
03 31	13 00-0078	CY	15"	Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls 228.89		
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct	-9.30	
				For 2,500 PSI Concrete, Deduct	-4.65	
				For 3,500 PSI Concrete, Add	8.61	
				For 3,750 PSI Concrete, Add	11.71	
				For 4,000 PSI Concrete, Add	14.81	
				For 4,500 PSI Concrete, Add	17.22	
				For 5,000 PSI Concrete, Add	19.64	
				For 6,000 PSI Concrete, Add	46.50	
				For 7,500 PSI Concrete, Add	115.49	
				For White Cement Concrete, Add	20.67	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
				For High Early Strength, Type 3 ASTM C150, Add	17.22	
				For Lightweight Aggregate, ASTM C330, Add	51.67	
				For Up To 20, Add	22.66	
				For >20 To 50, Add	8.50	
				For >100 To 200, Deduct	-4.58	
				For >200 To 400, Deduct	-9.16	
				For >400, Deduct	-13.73	

03 31 13 00-0079 Place Elevated Concrete Stairs (03 31 13 00-0051)

03 31	13 00-0080	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs 534.13			
				For 2,000 PSI Concrete, Deduct	-8.59	
				For 2,500 PSI Concrete, Deduct	-4.29	
				For 3,500 PSI Concrete, Add	7.95	
				For 3,750 PSI Concrete, Add	10.81	
				For 4,000 PSI Concrete, Add	13.67	
				For 4,500 PSI Concrete, Add	15.90	
				For 5,000 PSI Concrete, Add	18.12	
				For 6,000 PSI Concrete, Add	42.93	
				For 7,500 PSI Concrete, Add	106.60	
				For White Cement Concrete, Add	19.08	
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
				For High Early Strength, Type 3 ASTM C150, Add	15.90	
				For Lightweight Aggregate, ASTM C330, Add	47.70	
				For Up To 20, Add	150.06	
				For >20 To 50, Add	56.27	
				For >100 To 200, Deduct	-10.68	
				For >200 To 400, Deduct	-21.37	
				For >400, Deduct	-32.05	

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0081	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	330.76	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	68.70	
		For >20 To 50, Add	25.76	
		For >100 To 200, Deduct	-6.62	
		For >200 To 400, Deduct	-13.23	
		For >400, Deduct	-19.85	
03 31 13 00-0082	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	315.37	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-9.30	
		For 2,500 PSI Concrete, Deduct	-4.65	
		For 3,500 PSI Concrete, Add	8.61	
		For 3,750 PSI Concrete, Add	11.71	
		For 4,000 PSI Concrete, Add	14.81	
		For 4,500 PSI Concrete, Add	17.22	
		For 5,000 PSI Concrete, Add	19.64	
		For 6,000 PSI Concrete, Add	46.50	
		For 7,500 PSI Concrete, Add	115.49	
		For White Cement Concrete, Add	20.67	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39	
		For High Early Strength, Type 3 ASTM C150, Add	17.22	
		For Lightweight Aggregate, ASTM C330, Add	51.67	
		For Up To 20, Add	57.25	
		For >20 To 50, Add	21.47	
		For >100 To 200, Deduct	-6.31	
		For >200 To 400, Deduct	-12.61	
		For >400, Deduct	-18.92	
03 31 13 00-0083		Place Concrete Coping (03 31 13 00-0051)		
03 31 13 00-0084	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	547.10	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	155.24	
		For >20 To 50, Add	58.22	
		For >100 To 200, Deduct	-10.94	
		For >200 To 400, Deduct	-21.88	
		For >400, Deduct	-32.83	
03 31 13 00-0085	CY	Direct Chute, Place 3,000 PSI Concrete Coping	329.60	
		For 2,000 PSI Concrete, Deduct	-8.59	
		For 2,500 PSI Concrete, Deduct	-4.29	
		For 3,500 PSI Concrete, Add	7.95	
		For 3,750 PSI Concrete, Add	10.81	
		For 4,000 PSI Concrete, Add	13.67	
		For 4,500 PSI Concrete, Add	15.90	
		For 5,000 PSI Concrete, Add	18.13	
		For 6,000 PSI Concrete, Add	42.93	
		For 7,500 PSI Concrete, Add	106.61	
		For White Cement Concrete, Add	19.08	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.67	
		For High Early Strength, Type 3 ASTM C150, Add	15.90	
		For Lightweight Aggregate, ASTM C330, Add	47.70	
		For Up To 20, Add	68.24	
		For >20 To 50, Add	25.59	
		For >100 To 200, Deduct	-6.59	
		For >200 To 400, Deduct	-13.18	
		For >400, Deduct	-19.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31 13 00-0086	CY	Concrete Pump, Place 3,000 PSI Concrete Coping	430.66		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-9.30		
		For 2,500 PSI Concrete, Deduct	-4.65		
		For 3,500 PSI Concrete, Add	8.61		
		For 3,750 PSI Concrete, Add	11.71		
		For 4,000 PSI Concrete, Add	14.81		
		For 4,500 PSI Concrete, Add	17.22		
		For 5,000 PSI Concrete, Add	19.64		
		For 6,000 PSI Concrete, Add	46.50		
		For 7,500 PSI Concrete, Add	115.49		
		For White Cement Concrete, Add	20.67		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	22.39		
		For High Early Strength, Type 3 ASTM C150, Add	17.22		
		For Lightweight Aggregate, ASTM C330, Add	51.67		
		For Up To 20, Add	103.37		
		For >20 To 50, Add	38.76		
		For >100 To 200, Deduct	-8.61		
		For >200 To 400, Deduct	-17.23		
		For >400, Deduct	-25.84		

03 31 13 00-0087 Concrete Carts (03 31 13 00-0016)

		Note: Used to place concrete were necessary.			
03 31 13 00-0088	CY	50' Haul, Non Motorized, Concrete Buggy	20.54		
03 31 13 00-0089	CY	150' Haul, Non Motorized, Concrete Buggy	27.50		
03 31 13 00-0090	CY	250' Haul, Non Motorized, Concrete Buggy	36.68		
03 31 13 00-0091	CY	50' Haul, Motorized, Concrete Buggy	9.31		
03 31 13 00-0092	CY	150' Haul, Motorized, Concrete Buggy	12.49		
03 31 13 00-0093	CY	250' Haul, Motorized, Concrete Buggy	16.66		

03 31 13 00-0094 Delivery Fee For Small Purchases (03 31 13)

03 31 13 00-0095	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	19.14		
		Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.			

03 31 13 00-0096 Delivery Fee For Concrete, Per Truck Load (03 31 13)

03 31 13 00-0097	EA	Concrete Delivery Fee, Per Truck.....	40.00		
		Note: To be added to all concrete leaving concrete yard			

03 31 16 Lightweight Structural Concrete (03 31)
03 31 16 00-0001 Low Density Cellular / Foam Concrete Fill (03 31 16)

03 31 16 00-0002	CY	Lightweight Low Density Cellular/Foam Concrete, 100 To 120 PCF Density Range.....	233.04		
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03 35 Concrete Finishing (03 30)
03 35 13 High-Tolerance Concrete Floor Finishing (03 35)
03 35 13 00-0001 Floor Finishes (03 35 13)

		Note: Task is for final finish type and includes all required prior finishes.			
03 35 13 00-0002	SF	Screed, Concrete Floor Finish	0.87		
		For Up To 100, Add	1.74		
		For >100 To 250, Add	0.44		
		For >250 To 500, Add	0.22		
		For >5,000 To 10,000, Deduct	-0.04		
		For >10,000, Deduct	-0.09		
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.05		
		For Up To 100, Add	2.10		
		For >100 To 250, Add	0.53		
		For >250 To 500, Add	0.26		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000, Deduct	-0.11		
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.15		
		For Up To 100, Add	2.30		
		For >100 To 250, Add	0.58		
		For >250 To 500, Add	0.29		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000, Deduct	-0.12		
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.33		
		For Up To 100, Add	2.66		
		For >100 To 250, Add	0.67		
		For >250 To 500, Add	0.33		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000, Deduct	-0.13		
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.51		
		For Up To 100, Add	3.02		
		For >100 To 250, Add	0.76		
		For >250 To 500, Add	0.38		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000, Deduct	-0.15		

03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)

03 Concrete
03 30 Cast-In-Place Concrete
03 35 Concrete Finishing

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 35 16 00-0001	Shake On Floor Hardeners (03 35 16)		
03 35 16 00-0002	SF 0.3 LB/SF, Metallic, Shake On Floor Hardener	1.10	
03 35 16 00-0003	SF 0.65 LB/SF, Metallic, Shake On Floor Hardener	1.71	
03 35 16 00-0004	SF 0.3 LB/SF, Non Metallic, Shake On Floor Hardener	1.04	
03 35 16 00-0005	SF 0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.27	

03 35 19 Colored Concrete Finishing (03 35)

03 35 19 00-0001	Concrete Surface Treatments (03 35 19)		
03 35 19 00-0002	SF Acrylic Latex Bonding Agent	0.43	
03 35 19 00-0003	SF Epoxy Resin Bonding Agent	2.22	
03 35 19 00-0004	SF Clear Acrylic Sealer, Hardener And Dustproof	0.27	
03 35 19 00-0005	SF Colored Acrylic Sealer, Hardener And Dustproof	0.28	

03 35 23 Exposed Aggregate Concrete Finishing (03 35)

03 35 23 00-0001	Exposed Aggregate, Concrete Finish (03 35 23)		
03 35 23 00-0002	SF Exposed Aggregate, Concrete Floor Finish	2.88	

03 35 26 Grooved Concrete Surface Finishing (03 35)

03 35 26 00-0001	Ramp, Grooved Concrete Surface Finishing (03 35 26)		
03 35 26 00-0002	SF Ramp, Grooved Concrete Surface Finishing	3.50	

03 35 29 Tooled Concrete Finishing (03 35)

03 35 29 00-0001	Solid Board Concrete Finish (03 35 29)		
03 35 29 00-0002	SF Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	14.49	

03 35 29 00-0003 Marblecrete Finishes (03 35 29)

03 35 29 00-0004	SF 2" Thick Marblecrete And Finish	38.08	
03 35 29 00-0005	SF 4" Thick Marblecrete And Finish	51.02	

03 35 33 Stamped Concrete Finishing (03 35)

03 35 33 00-0001	Stamped Concrete Finishes (03 35 33)		
03 35 33 00-0002	SF Up To 2,500 SF Stamped Concrete Finish	3.44	
03 35 33 00-0003	SF >2,500 To 10,000 SF Stamped Concrete Finish	3.11	
03 35 33 00-0004	SF >10,000 SF Stamped Concrete Finish	2.97	

03 35 43 Polished Concrete Finishing (03 35)

03 35 43 00-0001	Concrete Floor Polishing System (03 35 43)		
	Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002	SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.64	
	For Up To 500, Add	3.10	
	For >500 To 1,000, Add	2.88	
	For >1,000 To 2,500, Add	1.90	
	For >2,500 To 4,000, Add	0.99	
	For >8,000 To 15,000, Deduct	-0.38	
	For >15,000 To 25,000, Deduct	-0.49	
	For >25,000, Deduct	-0.69	
03 35 43 00-0003	SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.32	
	For Up To 500, Add	2.48	
	For >500 To 1,000, Add	2.30	
	For >1,000 To 2,500, Add	1.52	
	For >2,500 To 4,000, Add	0.79	
	For >8,000 To 15,000, Deduct	-0.31	
	For >15,000 To 25,000, Deduct	-0.39	
	For >25,000, Deduct	-0.55	
03 35 43 00-0004	SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.11	
	For Up To 500, Add	2.08	
	For >500 To 1,000, Add	1.93	
	For >1,000 To 2,500, Add	1.27	
	For >2,500 To 4,000, Add	0.66	
	For >8,000 To 15,000, Deduct	-0.26	
	For >15,000 To 25,000, Deduct	-0.33	
	For >25,000, Deduct	-0.46	
03 35 43 00-0005	SF Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.03	
	For Up To 500, Add	1.92	
	For >500 To 1,000, Add	1.78	
	For >1,000 To 2,500, Add	1.18	
	For >2,500 To 4,000, Add	0.61	
	For >8,000 To 15,000, Deduct	-0.24	
	For >15,000 To 25,000, Deduct	-0.30	
	For >25,000, Deduct	-0.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.95		
		For Up To 500, Add		1.77	
		For >500 To 1,000, Add		1.64	
		For >1,000 To 2,500, Add		1.08	
		For >2,500 To 4,000, Add		0.56	
		For >8,000 To 15,000, Deduct		-0.22	
		For >15,000 To 25,000, Deduct		-0.28	
		For >25,000, Deduct		-0.39	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.95		
		For Up To 500, Add		1.77	
		For >500 To 1,000, Add		1.64	
		For >1,000 To 2,500, Add		1.08	
		For >2,500 To 4,000, Add		0.56	
		For >8,000 To 15,000, Deduct		-0.22	
		For >15,000 To 25,000, Deduct		-0.28	
		For >25,000, Deduct		-0.39	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.95		
		For Up To 500, Add		1.77	
		For >500 To 1,000, Add		1.64	
		For >1,000 To 2,500, Add		1.08	
		For >2,500 To 4,000, Add		0.56	
		For >8,000 To 15,000, Deduct		-0.22	
		For >15,000 To 25,000, Deduct		-0.28	
		For >25,000, Deduct		-0.39	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.95		
		For Up To 500, Add		1.77	
		For >500 To 1,000, Add		1.64	
		For >1,000 To 2,500, Add		1.08	
		For >2,500 To 4,000, Add		0.56	
		For >8,000 To 15,000, Deduct		-0.22	
		For >15,000 To 25,000, Deduct		-0.28	
		For >25,000, Deduct		-0.39	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads.....	0.19		
		For Up To 500, Add		0.37	
		For >500 To 1,000, Add		0.34	
		For >1,000 To 2,500, Add		0.23	
		For >2,500 To 4,000, Add		0.12	
		For >8,000 To 15,000, Deduct		-0.05	
		For >15,000 To 25,000, Deduct		-0.06	
		For >25,000, Deduct		-0.08	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier	0.25		
		For Up To 500, Add		0.49	
		For >500 To 1,000, Add		0.45	
		For >1,000 To 2,500, Add		0.30	
		For >2,500 To 4,000, Add		0.16	
		For >8,000 To 15,000, Deduct		-0.06	
		For >15,000 To 25,000, Deduct		-0.08	
		For >25,000, Deduct		-0.11	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector	0.37		
		For Up To 500, Add		0.72	
		For >500 To 1,000, Add		0.67	
		For >1,000 To 2,500, Add		0.44	
		For >2,500 To 4,000, Add		0.23	
		For >8,000 To 15,000, Deduct		-0.09	
		For >15,000 To 25,000, Deduct		-0.11	
		For >25,000, Deduct		-0.16	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up.....	0.13		
		For Up To 500, Add		0.25	
		For >500 To 1,000, Add		0.23	
		For >1,000 To 2,500, Add		0.15	
		For >2,500 To 4,000, Add		0.08	
		For >8,000 To 15,000, Deduct		-0.03	
		For >15,000 To 25,000, Deduct		-0.04	
		For >25,000, Deduct		-0.06	

03 35 63 Slip-Resistant Floor Finishing (03 35)
03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.22		
		For Up To 100, Add		1.66	
		For >100 To 250, Add		0.42	
		For >250 To 500, Add		0.21	
		For >5,000 To 10,000, Deduct		-0.04	
		For >10,000, Deduct		-0.08	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.12		
		For Up To 100, Add		1.66	
		For >100 To 250, Add		0.42	
		For >250 To 500, Add		0.21	
		For >5,000 To 10,000, Deduct		-0.04	
		For >10,000, Deduct		-0.08	

03 35 66 Acid Etch Floor Finishing (03 35)
03 35 66 00-0001 Acid Etch Floor (03 35 66)

03 Concrete
03 30 Cast-In-Place Concrete
03 35 Concrete Finishing

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.90	
		<i>For Up To 100, Add</i>	0.80	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.02	
		<i>For >10,000, Deduct</i>	-0.04	

03 35 83 Concrete Wall Finishing (03 35)

03 35 83 00-0001 Wall Finishes (03 35 83)

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.54	
		<i>For Up To 100, Add</i>	2.90	
		<i>For >100 To 250, Add</i>	0.73	
		<i>For >250 To 500, Add</i>	0.36	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000, Deduct</i>	-0.15	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.33	
		<i>For Up To 100, Add</i>	4.38	
		<i>For >100 To 250, Add</i>	1.10	
		<i>For >250 To 500, Add</i>	0.55	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000, Deduct</i>	-0.22	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	0.98	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >5,000 To 10,000, Deduct</i>	-0.02	
		<i>For >10,000, Deduct</i>	-0.05	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes.....	4.67	
		<i>For Up To 100, Add</i>	9.24	
		<i>For >100 To 250, Add</i>	2.31	
		<i>For >250 To 500, Add</i>	1.16	
		<i>For >5,000 To 10,000, Deduct</i>	-0.23	
		<i>For >10,000, Deduct</i>	-0.46	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	7.24	
		<i>For Up To 100, Add</i>	14.30	
		<i>For >100 To 250, Add</i>	3.58	
		<i>For >250 To 500, Add</i>	1.79	
		<i>For >5,000 To 10,000, Deduct</i>	-0.36	
		<i>For >10,000, Deduct</i>	-0.72	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.89	
		<i>For Up To 100, Add</i>	1.56	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.20	
		<i>For >5,000 To 10,000, Deduct</i>	-0.04	
		<i>For >10,000, Deduct</i>	-0.08	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.02	
		<i>For Up To 100, Add</i>	5.82	
		<i>For >100 To 250, Add</i>	1.46	
		<i>For >250 To 500, Add</i>	0.73	
		<i>For >5,000 To 10,000, Deduct</i>	-0.15	
		<i>For >10,000, Deduct</i>	-0.29	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	4.60	
		<i>For Up To 100, Add</i>	8.98	
		<i>For >100 To 250, Add</i>	2.25	
		<i>For >250 To 500, Add</i>	1.12	
		<i>For >5,000 To 10,000, Deduct</i>	-0.22	
		<i>For >10,000, Deduct</i>	-0.45	
03 35 83 00-0010	SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes.....	2.87	
		<i>For Up To 100, Add</i>	4.94	
		<i>For >100 To 250, Add</i>	1.24	
		<i>For >250 To 500, Add</i>	0.62	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000, Deduct</i>	-0.25	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes.....	8.05	
		<i>For Up To 100, Add</i>	14.50	
		<i>For >100 To 250, Add</i>	3.63	
		<i>For >250 To 500, Add</i>	1.81	
		<i>For >5,000 To 10,000, Deduct</i>	-0.36	
		<i>For >10,000, Deduct</i>	-0.73	

03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete (03 37)

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	4.73	
		<i>For Up To 25, Add</i>	0.73	
		<i>For >25 To 50, Add</i>	0.40	
		<i>For >50 To 150, Add</i>	0.13	
		<i>For High Strength Shotcrete Repair, Add</i>	1.28	
		<i>For Polymer Modified Shotcrete, Add</i>	1.25	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced	6.77	
		<i>For Up To 25, Add</i>	1.01	
		<i>For >25 To 50, Add</i>	0.56	
		<i>For >50 To 150, Add</i>	0.16	
		<i>For High Strength Shotcrete Repair, Add</i>	1.79	
		<i>For Polymer Modified Shotcrete, Add</i>	1.81	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 37 13 00-0004	SF	2" Thick Shotcrete, Fiber Reinforced	9.13	
		For Up To 25, Add	1.37	
		For >25 To 50, Add	0.76	
		For >50 To 150, Add	0.23	
		For High Strength Shotcrete Repair, Add	2.43	
		For Polymer Modified Shotcrete, Add	2.44	
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced	11.00	
		For Up To 25, Add	1.61	
		For >25 To 50, Add	0.89	
		For >50 To 150, Add	0.25	
		For High Strength Shotcrete Repair, Add	2.87	
		For Polymer Modified Shotcrete, Add	2.96	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced	13.24	
		For Up To 25, Add	1.94	
		For >25 To 50, Add	1.07	
		For >50 To 150, Add	0.31	
		For High Strength Shotcrete Repair, Add	3.47	
		For Polymer Modified Shotcrete, Add	3.56	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced	17.11	
		For Up To 25, Add	2.45	
		For >25 To 50, Add	1.35	
		For >50 To 150, Add	0.37	
		For High Strength Shotcrete Repair, Add	4.40	
		For Polymer Modified Shotcrete, Add	4.64	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced	24.26	
		For Up To 25, Add	3.32	
		For >25 To 50, Add	1.81	
		For >50 To 150, Add	0.45	
		For High Strength Shotcrete Repair, Add	6.04	
		For Polymer Modified Shotcrete, Add	6.68	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed (03 37 13)
 See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.41	
		For Radius Or Irregular Surface, Add	0.93	
		For Up To 25, Add	0.79	
		For >25 To 50, Add	0.45	
		For >50 To 150, Add	0.17	
03 37 13 00-0011	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	8.32	
		For Radius Or Irregular Surface, Add	1.67	
		For Up To 25, Add	1.46	
		For >25 To 50, Add	0.83	
		For >50 To 150, Add	0.31	
03 37 13 00-0012	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.85	
		For Radius Or Irregular Surface, Add	2.25	
		For Up To 25, Add	2.03	
		For >25 To 50, Add	1.15	
		For >50 To 150, Add	0.42	
03 37 13 00-0013	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.05	
		For Radius Or Irregular Surface, Add	2.70	
		For Up To 25, Add	2.52	
		For >25 To 50, Add	1.43	
		For >50 To 150, Add	0.51	
03 37 13 00-0014	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	17.98	
		For Radius Or Irregular Surface, Add	3.04	
		For Up To 25, Add	2.94	
		For >25 To 50, Add	1.66	
		For >50 To 150, Add	0.57	
03 37 13 00-0015	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	20.66	
		For Radius Or Irregular Surface, Add	3.28	
		For Up To 25, Add	3.30	
		For >25 To 50, Add	1.85	
		For >50 To 150, Add	0.62	
03 37 13 00-0016	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	26.45	
		For Radius Or Irregular Surface, Add	3.94	
		For Up To 25, Add	4.12	
		For >25 To 50, Add	2.31	
		For >50 To 150, Add	0.74	
03 37 13 00-0017	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	31.84	
		For Radius Or Irregular Surface, Add	4.43	
		For Up To 25, Add	4.85	
		For >25 To 50, Add	2.70	
		For >50 To 150, Add	0.83	
03 37 13 00-0018	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	36.87	
		For Radius Or Irregular Surface, Add	4.78	
		For Up To 25, Add	5.48	
		For >25 To 50, Add	3.04	
		For >50 To 150, Add	0.90	

03 37 16 Pumped Concrete (03 37)

03 37 16 00-0001 Concrete Pumping With Boom Truck (03 37 16)

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0016 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	134.04	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	140.01	

03	Concrete
03 30	Cast-In-Place Concrete
03 37	Specialty Placed Concrete

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 37 16 00-0004	HR		90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	161.58	
03 37 16 00-0005	HR		105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	175.00	
03 37 16 00-0006	HR		120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	188.85	
03 37 16 00-0007	HR		135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	218.20	
03 37 16 00-0008	HR		148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	235.70	
03 37 16 00-0009	HR		170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	278.10	
03 37 16 00-0010	HR		35 CY/HR, 66 HP Trailer Mounted Concrete Pump	96.37	
Note: Includes hoses					

03 39 Concrete Curing ^(03 39)03 39 13 Water Concrete Curing ^(03 39)03 39 13 00-0001 Water Concrete Curing ^(03 39 13)

03 39 13 00-0002	SF		Water Based Curing, Sealing, Hardening And Dustproofing Compound	0.25	
Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.					

03 39 23 Membrane Concrete Curing ^(03 39)03 39 23 23 Sheet Membrane Concrete Curing ^(03 39 23)03 39 23 23-0001 Warm Weather Concrete Curing Blankets ^(03 39 23 23)

03 39 23 23-0002	CSF		Warm Weather Concrete Curing Blankets	29.16	
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03 39 23 23-0003 Cold Weather Concrete Curing Blankets ^(03 39 23 23)

03 39 23 23-0004	CSF		Electric, Cold Weather Concrete Curing Blanket	182.41	
03 39 23 23-0005	CSF		Non-Electric, Cold Weather Concrete Curing Blanket	26.97	

03 40 Precast Concrete ⁽⁰³⁾

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete ^(03 41)03 41 16 Precast Concrete Slabs ^(03 41)03 41 16 00-0001 Flat Floor Slab/Floor Plank ^(03 41 16)03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane ^(03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA		Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane.....	292.88	234.32
03 41 16 00-0004	EA		Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	325.58	260.42
03 41 16 00-0005	EA		Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	345.72	276.55
03 41 16 00-0006	EA		Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....	366.50	293.22
03 41 16 00-0007	EA		Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	392.22	313.76
03 41 16 00-0008	EA		Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	419.18	335.35
03 41 16 00-0009	EA		Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	450.13	360.08
03 41 16 00-0010	EA		Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	489.56	391.63
03 41 16 00-0011	EA		Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane.....	532.30	425.89

03 41 16 00-0012 Material Cost ^(03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF		4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	26.60	
For 3,500 PSI Concrete, Add				0.53	
For 4,000 PSI Concrete, Add				0.80	
For 4,500 PSI Concrete, Add				1.06	
For 5,000 PSI Concrete, Add				1.60	
03 41 16 00-0014	SF		5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	31.93	
For 3,500 PSI Concrete, Add				0.64	
For 4,000 PSI Concrete, Add				0.96	
For 4,500 PSI Concrete, Add				1.28	
For 5,000 PSI Concrete, Add				1.92	
03 41 16 00-0015	SF		6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	39.02	
For 3,500 PSI Concrete, Add				0.78	
For 4,000 PSI Concrete, Add				1.17	
For 4,500 PSI Concrete, Add				1.56	
For 5,000 PSI Concrete, Add				2.34	
03 41 16 00-0016	SF		8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	51.79	
For 3,500 PSI Concrete, Add				1.04	
For 4,000 PSI Concrete, Add				1.55	
For 4,500 PSI Concrete, Add				2.07	
For 5,000 PSI Concrete, Add				3.11	

03 41 16 00-0017 Floor Units, Combination Beam And Slab ^(03 41 16)03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane ^(03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA		Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	361.72	289.37
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	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	394.26		315.44
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	435.75		348.56
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	483.85		387.05
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	543.90		435.08

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	450.24		360.22
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	490.74		392.56
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane.....	542.40		433.96
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane.....	602.27		481.84
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane.....	677.01		541.65
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane.....	736.11		588.85
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane.....	813.59		650.87
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane.....	900.48		720.43
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane.....	1,019.23		815.39

03 41 16 00-0034 Material Cost (03 41 16 00-0017)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab (03 41 16 00-0034)

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	2,802.35		
		For 3,500 PSI Concrete, Add	56.05		
		For 4,000 PSI Concrete, Add	84.07		
		For 4,500 PSI Concrete, Add	112.09		
		For 5,000 PSI Concrete, Add	168.14		
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	2,837.82		
		For 3,500 PSI Concrete, Add	56.76		
		For 4,000 PSI Concrete, Add	85.13		
		For 4,500 PSI Concrete, Add	113.51		
		For 5,000 PSI Concrete, Add	170.27		
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,192.55		
		For 3,500 PSI Concrete, Add	63.85		
		For 4,000 PSI Concrete, Add	95.78		
		For 4,500 PSI Concrete, Add	127.70		
		For 5,000 PSI Concrete, Add	191.55		

03 41 16 00-0039 5" Slab (03 41 16 00-0034)

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	2,873.29		
		For 3,500 PSI Concrete, Add	57.47		
		For 4,000 PSI Concrete, Add	86.20		
		For 4,500 PSI Concrete, Add	114.93		
		For 5,000 PSI Concrete, Add	172.40		
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	2,979.71		
		For 3,500 PSI Concrete, Add	59.59		
		For 4,000 PSI Concrete, Add	89.39		
		For 4,500 PSI Concrete, Add	119.19		
		For 5,000 PSI Concrete, Add	178.78		
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,795.58		
		For 3,500 PSI Concrete, Add	75.91		
		For 4,000 PSI Concrete, Add	113.87		
		For 4,500 PSI Concrete, Add	151.82		
		For 5,000 PSI Concrete, Add	227.73		

03 41 16 00-0043 6" Slab (03 41 16 00-0034)

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	2,979.71		
		For 3,500 PSI Concrete, Add	59.59		
		For 4,000 PSI Concrete, Add	89.39		
		For 4,500 PSI Concrete, Add	119.19		
		For 5,000 PSI Concrete, Add	178.78		
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,547.27		
		For 3,500 PSI Concrete, Add	70.95		
		For 4,000 PSI Concrete, Add	106.42		
		For 4,500 PSI Concrete, Add	141.89		
		For 5,000 PSI Concrete, Add	212.84		
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,327.67		
		For 3,500 PSI Concrete, Add	86.55		
		For 4,000 PSI Concrete, Add	129.83		
		For 4,500 PSI Concrete, Add	173.11		
		For 5,000 PSI Concrete, Add	259.66		

03 41 19 Precast Concrete Wall Panels (03 41)

03 41 19 00-0001 Structural Wall Panels (03 41 19)

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	289.25		231.42
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	321.55		257.19
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	361.95		289.59

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	387.36	309.87
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	413.99	331.19
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	444.55	355.62
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	483.49	386.77
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	525.70	420.61

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	325.38	260.28
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	361.72	289.37
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	407.18	325.79
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	435.75	348.56
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	465.71	372.56
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	500.09	400.09
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	543.90	435.08
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	591.38	473.06
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	653.63	522.94
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	723.43	578.72
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	818.83	655.10
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	931.43	745.14
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,079.91	863.94

03 41 19 00-0025 Material Cost (03 41 19 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	35.47	
		For 3,500 PSI Concrete, Add	0.71	
		For 4,000 PSI Concrete, Add	1.06	
		For 4,500 PSI Concrete, Add	1.42	
		For 5,000 PSI Concrete, Add	2.13	
		For White Facing, Add	7.09	
		For Solid White Through Thickness, Add	7.09	
		For Broken Rib Finish, Add	3.55	
		For Fluted Surface, Add	3.55	
		For Exposed Aggregate, Add	7.09	
		For Sandblasting Of Surface, Add	3.55	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	43.63	
		For 3,500 PSI Concrete, Add	0.87	
		For 4,000 PSI Concrete, Add	1.31	
		For 4,500 PSI Concrete, Add	1.75	
		For 5,000 PSI Concrete, Add	2.62	
		For White Facing, Add	8.73	
		For Solid White Through Thickness, Add	8.73	
		For Broken Rib Finish, Add	4.36	
		For Fluted Surface, Add	4.36	
		For Exposed Aggregate, Add	8.73	
		For Sandblasting Of Surface, Add	4.36	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	52.50	
		For 3,500 PSI Concrete, Add	1.05	
		For 4,000 PSI Concrete, Add	1.58	
		For 4,500 PSI Concrete, Add	2.10	
		For 5,000 PSI Concrete, Add	3.15	
		For White Facing, Add	10.50	
		For Solid White Through Thickness, Add	10.50	
		For Broken Rib Finish, Add	5.25	
		For Fluted Surface, Add	5.25	
		For Exposed Aggregate, Add	10.50	
		For Sandblasting Of Surface, Add	5.25	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	69.17	
		For 3,500 PSI Concrete, Add	1.38	
		For 4,000 PSI Concrete, Add	2.08	
		For 4,500 PSI Concrete, Add	2.77	
		For 5,000 PSI Concrete, Add	4.15	
		For White Facing, Add	13.83	
		For Solid White Through Thickness, Add	13.83	
		For Broken Rib Finish, Add	6.92	
		For Fluted Surface, Add	6.92	
		For Exposed Aggregate, Add	13.83	
		For Sandblasting Of Surface, Add	6.92	
		For 2" Polystyrene Insulation, Add	1.15	

03 41 19 00-0030 Partition Panels (03 41 19)**03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane** (03 41 19 00-0030)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	236.04	188.80
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	262.38	209.93
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	295.36	236.28
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	337.82	270.26
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	362.76	290.23
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	394.54	315.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0038	EA		Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	428.97	343.23
03 41 19 00-0039	EA		Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	474.14	379.32

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA		Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	289.25	231.42
03 41 19 00-0042	EA		Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	321.55	257.19
03 41 19 00-0043	EA		Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	361.95	289.59
03 41 19 00-0044	EA		Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	413.99	331.19
03 41 19 00-0045	EA		Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	444.55	355.62
03 41 19 00-0046	EA		Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	483.49	386.77
03 41 19 00-0047	EA		Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	525.70	420.61
03 41 19 00-0048	EA		Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	581.04	464.81
03 41 19 00-0049	EA		Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	643.10	514.48
03 41 19 00-0050	EA		Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	727.90	582.28
03 41 19 00-0051	EA		Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	827.98	662.39
03 41 19 00-0052	EA		Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	959.97	767.95

03 41 19 00-0053 Material Cost (03 41 19 00-0030)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0054	SF		4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	33.70	
			<i>For 4,000 PSI Concrete, Add</i>	1.01	
			<i>For 4,500 PSI Concrete, Add</i>	1.35	
			<i>For 5,000 PSI Concrete, Add</i>	2.02	
			<i>For White Facing, Add</i>	6.74	
			<i>For Solid White Through Thickness, Add</i>	6.74	
			<i>For Broken Rib Finish, Add</i>	3.37	
			<i>For Fluted Surface, Add</i>	3.37	
			<i>For Exposed Aggregate, Add</i>	6.74	
			<i>For Sandblasting Of Surface, Add</i>	3.37	
03 41 19 00-0055	SF		5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	41.50	
			<i>For 4,000 PSI Concrete, Add</i>	1.25	
			<i>For 4,500 PSI Concrete, Add</i>	1.66	
			<i>For 5,000 PSI Concrete, Add</i>	2.49	
			<i>For White Facing, Add</i>	8.30	
			<i>For Solid White Through Thickness, Add</i>	8.30	
			<i>For Broken Rib Finish, Add</i>	4.15	
			<i>For Fluted Surface, Add</i>	4.15	
			<i>For Exposed Aggregate, Add</i>	8.30	
			<i>For Sandblasting Of Surface, Add</i>	4.15	
03 41 19 00-0056	SF		6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	49.66	
			<i>For 4,000 PSI Concrete, Add</i>	1.49	
			<i>For 4,500 PSI Concrete, Add</i>	1.99	
			<i>For 5,000 PSI Concrete, Add</i>	2.98	
			<i>For White Facing, Add</i>	9.93	
			<i>For Solid White Through Thickness, Add</i>	9.93	
			<i>For Broken Rib Finish, Add</i>	4.97	
			<i>For Fluted Surface, Add</i>	4.97	
			<i>For Exposed Aggregate, Add</i>	9.93	
			<i>For Sandblasting Of Surface, Add</i>	4.97	
03 41 19 00-0057	SF		8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	65.62	
			<i>For 4,000 PSI Concrete, Add</i>	1.97	
			<i>For 4,500 PSI Concrete, Add</i>	2.62	
			<i>For 5,000 PSI Concrete, Add</i>	3.94	
			<i>For White Facing, Add</i>	13.12	
			<i>For Solid White Through Thickness, Add</i>	13.12	
			<i>For Broken Rib Finish, Add</i>	6.56	
			<i>For Fluted Surface, Add</i>	6.56	
			<i>For Exposed Aggregate, Add</i>	13.12	
			<i>For Sandblasting Of Surface, Add</i>	6.56	

03 41 19 00-0058 Cladding Panels (03 41 19)

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA		Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	305.25	244.15
03 41 19 00-0061	EA		Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	341.44	273.13
03 41 19 00-0062	EA		Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	387.36	309.87
03 41 19 00-0063	EA		Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	413.99	331.19
03 41 19 00-0064	EA		Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	444.55	355.62
03 41 19 00-0065	EA		Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	483.49	386.77
03 41 19 00-0066	EA		Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	525.70	420.61
03 41 19 00-0067	EA		Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	581.04	464.81

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA		Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	343.38	274.67
03 41 19 00-0070	EA		Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	384.09	307.26
03 41 19 00-0071	EA		Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	435.75	348.56
03 41 19 00-0072	EA		Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	465.71	372.56
03 41 19 00-0073	EA		Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	500.09	400.09

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	543.90	435.08
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	591.38	473.06
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	653.63	522.94
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	723.43	578.72
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	818.83	655.10
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	931.43	745.14
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,079.91	863.94

03 41 19 00-0081**Material Cost** (03 41 19 00-0058)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	33.70	
		For 3,500 PSI Concrete, Add	0.67	
		For 4,000 PSI Concrete, Add	1.01	
		For 4,500 PSI Concrete, Add	1.35	
		For 5,000 PSI Concrete, Add	2.02	
		For White Facing, Add	6.74	
		For Solid White Through Thickness, Add	6.74	
		For Broken Rib Finish, Add	3.37	
		For Fluted Surface, Add	3.37	
		For Exposed Aggregate, Add	6.74	
		For Sandblasting Of Surface, Add	3.37	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	41.50	
		For 3,500 PSI Concrete, Add	0.83	
		For 4,000 PSI Concrete, Add	1.25	
		For 4,500 PSI Concrete, Add	1.66	
		For 5,000 PSI Concrete, Add	2.49	
		For White Facing, Add	8.30	
		For Solid White Through Thickness, Add	8.30	
		For Broken Rib Finish, Add	4.15	
		For Fluted Surface, Add	4.15	
		For Exposed Aggregate, Add	8.30	
		For Sandblasting Of Surface, Add	4.15	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	49.66	
		For 3,500 PSI Concrete, Add	0.99	
		For 4,000 PSI Concrete, Add	1.49	
		For 4,500 PSI Concrete, Add	1.99	
		For 5,000 PSI Concrete, Add	2.98	
		For White Facing, Add	9.93	
		For Solid White Through Thickness, Add	9.93	
		For Broken Rib Finish, Add	4.97	
		For Fluted Surface, Add	4.97	
		For Exposed Aggregate, Add	9.93	
		For Sandblasting Of Surface, Add	4.97	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	65.62	
		For 3,500 PSI Concrete, Add	1.31	
		For 4,000 PSI Concrete, Add	1.97	
		For 4,500 PSI Concrete, Add	2.62	
		For 5,000 PSI Concrete, Add	3.94	
		For White Facing, Add	13.12	
		For Solid White Through Thickness, Add	13.12	
		For Broken Rib Finish, Add	6.56	
		For Fluted Surface, Add	6.56	
		For Exposed Aggregate, Add	13.12	
		For Sandblasting Of Surface, Add	6.56	

03 41 19 00-0086**Sandwich Panel** (03 41 19)**03 41 19 00-0087****Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	305.25	244.15
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	341.44	273.13
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	387.36	309.87
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	413.99	331.19
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	444.55	355.62
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	483.49	386.77
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	525.70	420.61
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	581.04	464.81

03 41 19 00-0096**Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	309.08	247.21
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	345.72	276.55
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	392.22	313.76
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	419.18	335.35
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	450.13	360.08
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	489.56	391.63
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	532.30	425.89
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	588.33	470.64
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	651.16	520.94
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	737.03	589.59
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	838.37	670.70
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	972.02	777.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0109
Material Cost (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	46.11	
		For 3,500 PSI Concrete, Add	0.92	
		For 4,000 PSI Concrete, Add	1.38	
		For 4,500 PSI Concrete, Add	1.84	
		For 5,000 PSI Concrete, Add	2.77	
		For White Facing, Add	9.22	
		For Solid White Through Thickness, Add	9.22	
		For Broken Rib Finish, Add	4.61	
		For Fluted Surface, Add	4.61	
		For Exposed Aggregate, Add	9.22	
		For Sandblasting Of Surface, Add	4.61	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	54.27	
		For 3,500 PSI Concrete, Add	1.09	
		For 4,000 PSI Concrete, Add	1.63	
		For 4,500 PSI Concrete, Add	2.17	
		For 5,000 PSI Concrete, Add	3.26	
		For White Facing, Add	10.85	
		For Solid White Through Thickness, Add	10.85	
		For Broken Rib Finish, Add	5.43	
		For Fluted Surface, Add	5.43	
		For Exposed Aggregate, Add	10.85	
		For Sandblasting Of Surface, Add	5.43	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	63.14	
		For 3,500 PSI Concrete, Add	1.26	
		For 4,000 PSI Concrete, Add	1.89	
		For 4,500 PSI Concrete, Add	2.53	
		For 5,000 PSI Concrete, Add	3.79	
		For White Facing, Add	12.63	
		For Solid White Through Thickness, Add	12.63	
		For Broken Rib Finish, Add	6.31	
		For Fluted Surface, Add	6.31	
		For Exposed Aggregate, Add	12.63	
		For Sandblasting Of Surface, Add	6.31	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	79.81	
		For 3,500 PSI Concrete, Add	1.60	
		For 4,000 PSI Concrete, Add	2.39	
		For 4,500 PSI Concrete, Add	3.19	
		For 5,000 PSI Concrete, Add	4.79	
		For White Facing, Add	15.96	
		For Solid White Through Thickness, Add	15.96	
		For Broken Rib Finish, Add	7.98	
		For Fluted Surface, Add	7.98	
		For Exposed Aggregate, Add	15.96	
		For Sandblasting Of Surface, Add	7.98	

03 41 23 Precast Concrete Stairs (03 41)
03 41 23 00-0001
Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	321.55	257.19
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	341.44	273.13
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	361.95	289.59
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	387.36	309.87
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	413.99	331.19
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	444.55	355.62
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	483.49	386.77
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	525.70	420.61

03 41 23 00-0010
Erection Costs Using A 90 Ton Crawler Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	321.55	257.19
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	341.44	273.13
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	361.95	289.59
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	387.36	309.87
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	413.99	331.19
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	444.55	355.62
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	483.49	386.77
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	525.70	420.61

03 41 23 00-0019
Material Cost (03 41 23)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	710.91	
		For 3,500 PSI Concrete, Add	92.77	
		For 4,000 PSI Concrete, Add	174.32	
		For 4,500 PSI Concrete, Add	256.21	
		For 5,000 PSI Concrete, Add	348.56	

03 41 26 Precast Concrete Structural Sections (03 41)

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 26 00-0001		Precast Beams, Girder And Joists (03 41 26)		
03 41 26 00-0002		Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	407.18	325.79
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	435.75	348.56
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane.....	465.71	372.56
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane.....	500.09	400.09
03 41 26 00-0007		Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane.....	506.82	405.43
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane.....	542.40	433.96
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane.....	579.69	463.75
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane.....	622.48	497.95
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane.....	677.01	541.65
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane.....	736.11	588.85
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane.....	813.59	650.87
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane.....	900.48	720.43
03 41 26 00-0016		Material Cost (03 41 26 00-0001)		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017		1,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	142.16	
		For 3,500 PSI Concrete, Add	3.88	
		For 4,000 PSI Concrete, Add	5.83	
		For 4,500 PSI Concrete, Add	7.76	
		For 5,000 PSI Concrete, Add	11.66	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	177.70	
		For 3,500 PSI Concrete, Add	4.85	
		For 4,000 PSI Concrete, Add	7.29	
		For 4,500 PSI Concrete, Add	9.70	
		For 5,000 PSI Concrete, Add	14.57	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	213.24	
		For 3,500 PSI Concrete, Add	5.82	
		For 4,000 PSI Concrete, Add	8.74	
		For 4,500 PSI Concrete, Add	11.64	
		For 5,000 PSI Concrete, Add	17.49	
03 41 26 00-0021		3,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	177.70	
		For 3,500 PSI Concrete, Add	4.85	
		For 4,000 PSI Concrete, Add	7.29	
		For 4,500 PSI Concrete, Add	9.70	
		For 5,000 PSI Concrete, Add	14.57	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	213.24	
		For 3,500 PSI Concrete, Add	5.82	
		For 4,000 PSI Concrete, Add	8.74	
		For 4,500 PSI Concrete, Add	11.64	
		For 5,000 PSI Concrete, Add	17.49	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	284.32	
		For 3,500 PSI Concrete, Add	7.76	
		For 4,000 PSI Concrete, Add	11.66	
		For 4,500 PSI Concrete, Add	15.52	
		For 5,000 PSI Concrete, Add	23.31	
03 41 26 00-0025		5,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	248.78	
		For 3,500 PSI Concrete, Add	6.79	
		For 4,000 PSI Concrete, Add	10.20	
		For 4,500 PSI Concrete, Add	13.58	
		For 5,000 PSI Concrete, Add	20.40	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	284.32	
		For 3,500 PSI Concrete, Add	7.76	
		For 4,000 PSI Concrete, Add	11.66	
		For 4,500 PSI Concrete, Add	15.52	
		For 5,000 PSI Concrete, Add	23.31	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	355.40	
		For 3,500 PSI Concrete, Add	9.70	
		For 4,000 PSI Concrete, Add	14.57	
		For 4,500 PSI Concrete, Add	19.40	
		For 5,000 PSI Concrete, Add	29.14	
03 41 26 00-0029		Precast Concrete Columns (03 41 26)		
03 41 26 00-0030		Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	234.51	187.58
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	249.33	199.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	267.21	213.79
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	286.62	229.29
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	309.08	247.21
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	335.35	268.28
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	366.50	293.22

03 41 26 00-0038 Material Cost (03 41 26 00-0029)
 Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	735.80	
		<i>For 3,500 PSI Concrete, Add</i>	55.19	
		<i>For 4,000 PSI Concrete, Add</i>	103.75	
		<i>For 4,500 PSI Concrete, Add</i>	153.05	
		<i>For 5,000 PSI Concrete, Add</i>	208.23	

03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	753.97	
		<i>For 3,500 PSI Concrete, Add</i>	56.55	
		<i>For 4,000 PSI Concrete, Add</i>	106.31	
		<i>For 4,500 PSI Concrete, Add</i>	156.83	
		<i>For 5,000 PSI Concrete, Add</i>	213.37	

03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	755.42	
		<i>For 3,500 PSI Concrete, Add</i>	56.66	
		<i>For 4,000 PSI Concrete, Add</i>	106.51	
		<i>For 4,500 PSI Concrete, Add</i>	157.13	
		<i>For 5,000 PSI Concrete, Add</i>	213.78	

03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	755.42	
		<i>For 3,500 PSI Concrete, Add</i>	56.66	
		<i>For 4,000 PSI Concrete, Add</i>	106.51	
		<i>For 4,500 PSI Concrete, Add</i>	157.13	
		<i>For 5,000 PSI Concrete, Add</i>	213.78	

03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	755.42	
		<i>For 3,500 PSI Concrete, Add</i>	56.66	
		<i>For 4,000 PSI Concrete, Add</i>	106.51	
		<i>For 4,500 PSI Concrete, Add</i>	157.13	
		<i>For 5,000 PSI Concrete, Add</i>	213.78	

03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	753.97	
		<i>For 3,500 PSI Concrete, Add</i>	56.55	
		<i>For 4,000 PSI Concrete, Add</i>	106.31	
		<i>For 4,500 PSI Concrete, Add</i>	156.83	
		<i>For 5,000 PSI Concrete, Add</i>	213.37	

03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)

03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	755.42	
		<i>For 3,500 PSI Concrete, Add</i>	56.66	
		<i>For 4,000 PSI Concrete, Add</i>	106.51	
		<i>For 4,500 PSI Concrete, Add</i>	157.13	
		<i>For 5,000 PSI Concrete, Add</i>	213.78	

03 41 33 Precast Structural Pretensioned Concrete (03 41)

03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	14.99	1.93
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	18.69	1.93
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	22.39	2.02
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	26.12	2.12

03 41 33 00-0006 Tee Members (03 41 33)

03 41 33 00-0007 Multiple Tee, Roof And Floor (03 41 33 00-0006)

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	33.72	2.51
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03 41 33 00-0009 Double Tee Wall Member (03 41 33 00-0006)

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	47.66	6.83
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03 41 33 00-0011 Single Tee, Short Span, Roof Members (03 41 33 00-0006)

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span.....	39.62	4.15
03 41 33 00-0013		Single Tee, Long Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	47.56	3.57
03 41 33 00-0015		Prestressed Concrete Items (03 41 33)		
03 41 33 00-0016		Prestressed Quad Tee (03 41 33 00-0015)		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof.....	24.43	0.77
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor.....	25.50	0.77
03 41 33 00-0019		Prestressed Double Tee (03 41 33 00-0015)		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	40.63	0.67
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	55.97	0.67
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	27.72	1.16
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span.....	42.95	0.77
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High.....	30.03	1.54
03 41 33 00-0025		Prestressed Single Tee (03 41 33 00-0015)		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	48.07	1.74
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	55.70	1.06
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	73.69	0.96
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	77.60	0.96
03 41 33 00-0030		Prestressed Double Tee Floor Members (03 41 33 00-0015)		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	12,432.19	277.42
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	13,537.05	308.25
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	22,649.17	346.78
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	4,865.11	252.28
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	6,389.50	277.42
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	8,166.77	277.42
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	9,093.90	308.25
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	11,630.16	346.78
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	20,934.07	396.49
03 41 33 00-0040		Prestressed Double Tee Roof Members (03 41 33 00-0015)		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	9,766.30	277.42
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	12,826.14	308.25
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	21,049.64	346.78
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	6,535.73	252.28
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	6,887.14	277.42
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	7,633.59	277.42
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	7,849.81	308.25
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	10,386.08	346.78
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	17,912.73	396.49
03 41 33 00-0050		Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	25.82	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	26.87	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	28.12	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	29.05	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	31.04	
03 41 33 00-0056		Double And Single Tees (03 41 33)		
03 41 33 00-0057		Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	31.20	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	30.46	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	28.76	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	31.20	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	31.10	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	47.84	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	46.78	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	43.80	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	47.84	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	44.86	
03 41 33 00-0068		Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	32.16	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	31.42	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	30.36	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	32.16	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	31.10	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	49.12	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	48.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 33 00-0076	SF		Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	46.36	
03 41 33 00-0077	SF		Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	49.12	
03 41 33 00-0078	SF		Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	47.74	

03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)

03 41 33 00-0080	SF		Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	33.88	
03 41 33 00-0081	SF		Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	32.81	
03 41 33 00-0082	SF		Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete.....	31.76	
03 41 33 00-0083	SF		Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	52.12	
03 41 33 00-0084	SF		Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	50.41	
03 41 33 00-0085	SF		Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	48.40	

03 48 Precast Concrete Specialties (03 40)

03 48 16 Precast Concrete Splash Blocks (03 48)

03 48 16 00-0001 Precast Concrete Splash Blocks (03 48 16)

03 48 16 00-0002	EA		Precast Concrete Splash Blocks, Standard Size	33.12	3.30
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03 48 21 Precast Concrete Handrails (03 48)

03 48 21 00-0001 Installation Cost (03 48 21)

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA		Install Precast Handrails, 0-2 Ton/Handrail.....	134.34	60.47
03 48 21 00-0003	EA		Install Precast Handrails, Over 2 Ton/Handrail	161.11	72.47

03 48 21 00-0004 Material Cost (03 48 21)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY		4" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,808.16	
			For 3,500 PSI Concrete, Add	183.23	
			For 4,000 PSI Concrete, Add	344.28	
			For 4,500 PSI Concrete, Add	506.03	
			For 5,000 PSI Concrete, Add	688.42	
03 48 21 00-0006	CY		5" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,914.80	
			For 3,500 PSI Concrete, Add	190.19	
			For 4,000 PSI Concrete, Add	357.35	
			For 4,500 PSI Concrete, Add	525.25	
			For 5,000 PSI Concrete, Add	714.56	
03 48 21 00-0007	CY		6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,021.44	
			For 3,500 PSI Concrete, Add	197.15	
			For 4,000 PSI Concrete, Add	370.43	
			For 4,500 PSI Concrete, Add	544.46	
			For 5,000 PSI Concrete, Add	740.71	
03 48 21 00-0008	CY		8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,163.63	
			For 3,500 PSI Concrete, Add	206.43	
			For 4,000 PSI Concrete, Add	387.86	
			For 4,500 PSI Concrete, Add	570.09	
			For 5,000 PSI Concrete, Add	775.56	

03 48 22 Precast Concrete Sun Screen And Trellis (03 48)

03 48 22 00-0001 Sun Screen Blades (03 48 22)

03 48 22 00-0002 Installation Cost (03 48 22 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA		Install Precast Sun Screen Blade, 0-1 Ton/Each	67.16	30.24
03 48 22 00-0004	EA		Install Precast Sun Screen Blade, 1-2 Ton/Each	80.69	36.28
03 48 22 00-0005	EA		Install Precast Sun Screen Blade, 2-3 Ton/Each	100.83	45.40

03 48 22 00-0006 Material Cost (03 48 22 00-0001)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY		4" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	2,985.90	
			For 3,500 PSI Concrete, Add	194.83	
			For 4,000 PSI Concrete, Add	366.07	
			For 4,500 PSI Concrete, Add	538.06	
			For 5,000 PSI Concrete, Add	731.99	
03 48 22 00-0008	CY		5" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,092.53	
			For 3,500 PSI Concrete, Add	201.79	
			For 4,000 PSI Concrete, Add	379.14	
			For 4,500 PSI Concrete, Add	557.27	
			For 5,000 PSI Concrete, Add	758.13	
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,234.72	
			For 3,500 PSI Concrete, Add	211.07	
			For 4,000 PSI Concrete, Add	396.58	
			For 4,500 PSI Concrete, Add	582.90	
			For 5,000 PSI Concrete, Add	792.99	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,376.91	
			For 3,500 PSI Concrete, Add	220.34	
			For 4,000 PSI Concrete, Add	414.01	
			For 4,500 PSI Concrete, Add	608.52	
			For 5,000 PSI Concrete, Add	827.85	

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 48 22 00-0011	Sun Screen/Trellis Units <small>(03 48 22)</small>		
03 48 22 00-0012	Installation Cost Using A 50 Ton Hydraulic Crane <small>(03 48 22 00-0011)</small>		
	Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	305.25	137.34
03 48 22 00-0014	EA Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	341.44	153.69
03 48 22 00-0015	EA Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	387.36	174.29
03 48 22 00-0016	EA Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	413.99	186.29
03 48 22 00-0017	Material Cost <small>(03 48 22 00-0011)</small>		
	Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY 4" Thick 3,000 PSI Concrete Precast Trellises Blades	3,448.00	
	For 3,500 PSI Concrete, Add	224.98	
	For 4,000 PSI Concrete, Add	422.72	
	For 4,500 PSI Concrete, Add	621.33	
	For 5,000 PSI Concrete, Add	845.28	
03 48 22 00-0019	CY 5" Thick 3,000 PSI Concrete Precast Trellises Blades	3,554.64	
	For 3,500 PSI Concrete, Add	231.94	
	For 4,000 PSI Concrete, Add	435.80	
	For 4,500 PSI Concrete, Add	640.55	
	For 5,000 PSI Concrete, Add	871.42	
03 48 22 00-0020	CY 6" Thick 3,000 PSI Concrete Precast Trellises Blades	3,696.82	
	For 3,500 PSI Concrete, Add	241.22	
	For 4,000 PSI Concrete, Add	453.23	
	For 4,500 PSI Concrete, Add	666.17	
	For 5,000 PSI Concrete, Add	906.28	
03 48 22 00-0021	CY 8" Thick 3,000 PSI Concrete Precast Trellises Blades	3,874.55	
	For 3,500 PSI Concrete, Add	252.81	
	For 4,000 PSI Concrete, Add	475.02	
	For 4,500 PSI Concrete, Add	698.19	
	For 5,000 PSI Concrete, Add	949.85	
03 48 24	Precast Minaret Segments <small>(03 48)</small>		
03 48 24 00-0001	Installation Costs Using A 50 Ton Hydraulic Crane <small>(03 48 24)</small>		
	Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002	L - Shaped Segments <small>(03 48 24 00-0001)</small>		
03 48 24 00-0003	EA Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	297.03	237.63
03 48 24 00-0004	EA Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	332.86	266.30
03 48 24 00-0005	EA Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	376.35	301.07
03 48 24 00-0006	EA Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	401.44	321.15
03 48 24 00-0007	O - Shaped Segments <small>(03 48 24 00-0001)</small>		
03 48 24 00-0008	EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	313.93	251.19
03 48 24 00-0009	EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	352.33	281.82
03 48 24 00-0010	EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	399.03	319.19
03 48 24 00-0011	EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	427.35	341.85
03 48 24 00-0012	Platform Segment <small>(03 48 24 00-0001)</small>		
03 48 24 00-0013	EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	602.16	481.78
03 48 24 00-0014	EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	727.90	582.28
03 48 24 00-0015	EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	807.78	646.24
03 48 24 00-0016	EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	907.37	725.93
03 48 24 00-0017	Cap Segment <small>(03 48 24 00-0001)</small>		
03 48 24 00-0018	EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	329.54	263.61
03 48 24 00-0019	EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	367.99	294.34
03 48 24 00-0020	EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	419.23	335.34
03 48 24 00-0021	EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	447.55	358.00
03 48 24 00-0022	Installation Costs Using A 90 Ton Crawler Crane <small>(03 48 24)</small>		
	Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023	L - Shaped Segments <small>(03 48 24 00-0022)</small>		
03 48 24 00-0024	EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	300.76	240.61
03 48 24 00-0025	EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	337.04	269.64
03 48 24 00-0026	EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	381.08	304.85
03 48 24 00-0027	EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	406.48	325.18
03 48 24 00-0028	O - Shaped Segment <small>(03 48 24 00-0022)</small>		
03 48 24 00-0029	EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	317.87	254.34
03 48 24 00-0030	EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	356.75	285.36
03 48 24 00-0031	EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	404.03	323.19
03 48 24 00-0032	EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	432.71	346.14
03 48 24 00-0033	Platform Segment <small>(03 48 24 00-0022)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	486.01	388.79
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	588.33	470.64
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	651.16	520.94
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	737.03	589.59

03 48 24 00-0038 Cap Segment (03 48 24 00-0022)

03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	333.68	266.92
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	372.60	298.04
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	424.49	339.54
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	453.17	362.49

03 48 24 00-0043 Material Costs (03 48 24)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	8,530.65	
		Note: Including Post Tension Cost		
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	8,530.65	
		Note: Including Post Tension Cost		
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	8,530.65	
		Note: Including Post Tension Cost		
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	8,530.65	
		Note: Including Post Tension Cost		

03 48 29 Precast Accessories (03 48)

Note: Includes installation labor, material and equipment.

03 48 29 00-0001 Bearing Pads For Precast Members (03 48 29)

03 48 29 00-0002 Continuous 2" Wide Strips (03 48 29 00-0001)

03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.23	
		Note: For precast members		
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.78	
		Note: For precast members		
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	3.00	
		Note: For precast members		
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	4.22	
		Note: For precast members		
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	5.50	
		Note: For precast members		
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	7.93	
		Note: For precast members		

03 48 29 00-0009 Bearing Pad Pipe Supports (03 48 29)

03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	7.99	
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03 48 46 Precast Skylight Shells (03 48)

03 48 46 00-0001 Installation Cost Using A 90 Ton Crawler Crane (03 48 46)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	435.75	196.12
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	483.85	217.74
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	543.90	244.76

03 48 46 00-0005 Material Cost (03 48 46)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	3,568.96	
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03 48 49 Precast Landings (03 48)

03 48 49 00-0001	SF	3" Thick Precast Landing	88.14	
03 48 49 00-0002	SF	4" Thick Precast Landing	102.82	
03 48 49 00-0003	SF	5" Thick Precast Landing	116.73	
03 48 49 00-0004	SF	6" Thick Precast Landing	134.57	

03 48 54 Precast Concrete Blocks (03 48)

03 48 54 00-0001 Precast Concrete Blocks (03 48 54)

03 48 54 00-0002	EA	2' x 2' x 2' Precast Concrete Block	92.00	35.11
03 48 54 00-0003	EA	2' x 2' x 4' Precast Concrete Block	131.47	43.88
03 48 54 00-0004	EA	2' x 2' x 8' Precast Concrete Block	219.19	52.66

03 50 Cast Decks And Underlayment (03)

03 51 Cast Roof Decks (03 50)

03 51 13 Cementitious Wood Fiber Decks (03 51)

03 51 13 00-0001 Cement Fiber Tongue And Groove Planks (03 51 13)

03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.46	
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03 Concrete
03 50 Cast Decks And Underlayment
03 51 Cast Roof Decks

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03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.59	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.76	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.28	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.84	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.48	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.27	

03 51 16 Gypsum Concrete Roof Decks (03 51)

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	9.81	0.48
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	12.17	0.56
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	14.54	0.63
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	16.93	0.71
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	19.33	0.80

03 51 16 00-0007 Form Board For Lightweight Deck (03 51 16)

03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	1.82	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.37	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.70	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.00	0.53
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.41	0.53
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	2.63	0.53
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	3.22	0.53

03 51 16 00-0015 Gypsum Plank (03 51 16)

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.62	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.80	

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping (03 53)

03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)

Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.71	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.02	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.10	

03 53 19 Concrete Overlayment (03 53)

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.21	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.50	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.92	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.47	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.98	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.32	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.86	

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.49	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.12	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	2.62	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.12	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	3.37	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.12	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	4.88	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.12	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	5.78	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.12	
		For >100 To 250 SF, Add	0.06	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	7.17	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.14	
		For >100 To 250 SF, Add	0.07	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	9.42	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.14	
		For >100 To 250 SF, Add	0.07	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	12.46	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.16	
		For >100 To 250 SF, Add	0.08	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	13.98	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.16	
		For >100 To 250 SF, Add	0.08	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	18.57	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.20	
		For >100 To 250 SF, Add	0.10	

03 60 Grouting ⁽⁰³⁾

03 61 Cementitious Grouting ^(03 60)

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout ^(03 61)

03 61 16 00-0001 Cementitious Flowable Grout ^(03 61 16)

03 61 16 00-0002	CY	Cementitious Flowable Grout.....	410.41	
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03 62 Non-Shrink Grouting ^(03 60)

03 62 13 Non-Metallic Non-Shrink Grouting ^(03 62)

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases ^(03 62 13)

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	23.23	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	34.67	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases ^(03 62 13)

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	35.71	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	57.59	

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints ^(03 62 13)

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints ^(03 62 13 00-0007)

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.80	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.36	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.12	

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints ^(03 62 13 00-0007)

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.68	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.58	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.77	

03 62 16 Metallic Non-Shrink Grouting ^(03 62)

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases ^(03 62 16)

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	29.97	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	46.46	

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints ^(03 62 16)

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints ^(03 62 16 00-0004)

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.44	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.82	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.42	

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints ^(03 62 16 00-0004)

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	1.98	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.49	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.34	

03 64 Injection Grouting ^(03 60)

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting ^(03 64)

03 Concrete**03 60 Grouting****03 64 Injection Grouting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 64 23 00-0001 Pressure Injected Epoxy Grout ^(03 64 23)
 03 64 23 00-0002 CF Pressure Injected Epoxy Grout 1,139.64
For >4, Deduct -120.87

03 64 26 Cementitious Injection Grouting ^(03 64)

03 64 26 00-0001 Pressure Injected Cementitious Grout ^(03 64 26)
 03 64 26 00-0002 CF Pressure Injected Cementitious Grout 145.83
For >4, Deduct -34.95

03 80 Concrete Cutting And Boring ⁽⁰³⁾**03 81 Concrete Cutting ^(03 80)****03 81 13 Flat Concrete Sawing ^(03 81)**

See CSI section 02 41 19 13-0001 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing ^(03 81)

See CSI section 02 41 19 13-0001 for saw cutting.

03 82 Concrete Boring ^(03 80)**03 82 13 Concrete Core Drilling ^(03 82)**

See CSI section 02 41 19 13-0024 for core drilling.

END OF SECTION 03

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

04 01 Maintenance Of Masonry ⁽⁰⁴⁾

04 01 20 Maintenance Of Unit Masonry ^(04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization ^(04 01 20)

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) ^(04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	21.19
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	30.52
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	40.65
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	23.21
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	34.11
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	46.04
		For Up To 10, Add	9.36
		For >10 To 50, Add	4.68

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	56.77
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	62.08
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	185.05
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	56.77
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	62.08
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	68.10
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	79.44
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	185.05
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)

04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	59.66
		For Up To 10, Add	37.46
		For >10 To 50, Add	18.73

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
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 UNIT COST UNIT COST

04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	65.92	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	209.09	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	59.66	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	65.92	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	72.91	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	86.17	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	209.09	
		For Up To 10, Add	37.46	
		For >10 To 50, Add	18.73	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.71	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.66	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.61	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.56	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.51	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.46	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.71	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.66	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.61	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.56	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.51	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.41	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.71	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.61	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.03	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.71	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.66	
		For Up To 10, Add	5.62	
		For >10 To 50, Add	2.81	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

04 01 20 41-0050	EA			6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.61	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0051	EA			7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.56	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0052	EA			8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.51	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0053	EA			9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.46	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0054	EA			4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.71	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0055	EA			5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.66	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0056	EA			6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.61	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0057	EA			7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.56	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0058	EA			8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.51	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0059	EA			10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.41	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0060	EA			4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	10.71	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0061	EA			6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	12.61	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0062	EA			8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.03	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
04 01 20 41-0063				Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001)		
				Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064				304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)		
04 01 20 41-0065	EA			8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.47	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0066	EA			8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.81	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0067	EA			8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.88	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0068	EA			8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.02	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0069	EA			8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.27	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0070	EA			8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.48	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0071	EA			8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.58	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	

04 Masonry
04 01 Maintenance Of Masonry
04 01 20 Maintenance Of Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.72
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.32
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.41
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.14
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.76
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.29
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.15
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.81
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.02
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.59
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.96
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.29
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.58
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.77
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.91
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.13
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.65
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0090	EA			10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.26	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0091	EA			10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.78	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0092	EA			10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.42	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0093	EA			10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.92	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0094	EA			10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.88	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0095	EA			10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.92	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0096	EA			8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.39	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0097	EA			8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.61	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0098	EA			8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.75	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0099	EA			8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.85	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0100	EA			8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.16	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0101	EA			8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.64	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0102	EA			8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.82	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0103	EA			8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.30	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0104	EA			10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.95	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0105	EA			10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.37	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0106	EA			10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.67	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0107	EA			10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.86	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	

04 Masonry

04 01 Maintenance Of Masonry

04 01 20 Maintenance Of Unit Masonry

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.99
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.30
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.51
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		For Up To 10, Add	2.81
		For >10 To 50, Add	1.41
04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)			
04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.01
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.44
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.53
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.70
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.01
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.27
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.40
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.57
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.20
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.31
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.22
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.99
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.66
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.99
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 01 20 41-0126	EA			8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.87	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0127	EA			8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.63	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0128	EA			10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.23	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0129	EA			10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.65	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0130	EA			10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.07	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0131	EA			10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.44	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0132	EA			10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.68	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0133	EA			10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.84	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0134	EA			10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.11	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0135	EA			10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.23	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0136	EA			10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.73	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0137	EA			10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.42	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0138	EA			10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.06	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0139	EA			10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.87	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0140	EA			10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.24	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0141	EA			10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.33	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0142	EA			10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	24.13	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0143	EA			8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.25	
				For Up To 10, Add	5.62	
				For >10 To 50, Add	2.81	
				For Metal Stud Clip, Add	2.37	

04 Masonry
04 01 Maintenance Of Masonry
04 01 20 Maintenance Of Unit Masonry

MINOR
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TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.49
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.66
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.79
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.17
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.78
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.98
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.58
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.87
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.39
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.76
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.00
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.16
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.55
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
		For Metal Stud Clip, Add	2.37
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.93
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		For Up To 10, Add	2.81
		For >10 To 50, Add	1.41
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001) Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.	
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)	
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.15
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.20
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)	
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.44
		For Up To 10, Add	5.62
		For >10 To 50, Add	2.81

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.51	
		<i>For Up To 10, Add</i>	5.62	
		<i>For >10 To 50, Add</i>	2.81	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie <small>(04 01 20 41-0001)</small>		
		Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	46.19	
		<i>For Up To 10, Add</i>	37.46	
		<i>For >10 To 50, Add</i>	18.73	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	47.52	
		<i>For Up To 10, Add</i>	37.46	
		<i>For >10 To 50, Add</i>	18.73	
04 01 20 41-0170		Unit Masonry Stabilization <small>(04 01 20 41)</small>		
04 01 20 41-0171		Repair Bulging Or Loose Masonry <small>(04 01 20 41-0170)</small>		
04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry.....	72.26	
		Note: Includes saw cutting, tothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry.....	77.10	
		Note: Includes saw cutting, tothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51		Unit Masonry Maintenance <small>(04 01 20)</small>		
04 01 20 51-0001		Grind Unit Masonry <small>(04 01 20 51)</small>		
04 01 20 51-0002	SF	Grind Smooth Masonry Wall.....	3.37	
04 01 20 91		Unit Masonry Restoration <small>(04 01 20)</small>		
04 01 20 91-0001		Cut And Repoint Masonry <small>(04 01 20 91)</small>		
		Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick.....	9.23	
		<i>For Common Bond, Add</i>	0.35	
		<i>For Flemish Bond, Add</i>	1.23	
		<i>For English Bond, Add</i>	2.02	
		<i>For Oversized Or Larger Than Standard, Deduct</i>	-1.38	
		<i>For >250 To 1,000, Deduct</i>	-0.44	
		<i>For >1,000, Deduct</i>	-0.90	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	6.41	
		<i>For Common Bond, Add</i>	0.24	
		<i>For Flemish Bond, Add</i>	0.83	
		<i>For English Bond, Add</i>	1.37	
		<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.96	
		<i>For >250 To 1,000, Deduct</i>	-0.30	
		<i>For >1,000, Deduct</i>	-0.62	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....	4.72	
		<i>For Common Bond, Add</i>	0.17	
		<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.71	
		<i>For >250 To 1,000, Deduct</i>	-0.21	
		<i>For >1,000, Deduct</i>	-0.45	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block.....	3.36	
		<i>For Common Bond, Add</i>	0.12	
		<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.50	
		<i>For >250 To 1,000, Deduct</i>	-0.15	
		<i>For >1,000, Deduct</i>	-0.31	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	2.70	
04 01 20 91-0007		Repair Masonry <small>(04 01 20 91)</small>		
		Note: Includes mortar for repair.		
04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping.....	15.24	
		Note: Including Replacement Of Damaged Material		
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors.....	14.06	
		Note: Including Replacement Of Damaged Material		
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.25	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	7.33	
04 01 20 91-0012	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	26.00	
		<i>For Cracks Accessible From Both Sides, Add</i>	5.26	
04 01 20 91-0013	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	23.92	
		<i>For Cracks Accessible From Both Sides, Add</i>	5.26	

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 91-0014	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	6.82
		For V-Grooving Crack With Grinder, Add	4.83
04 01 20 91-0015	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	9.24
		For V-Grooving Crack With Grinder, Add	4.58

04 01 50 Maintenance of Refractory Masonry (04 01)**04 01 50 52 Refractory Masonry Cleaning** (04 01 50)**04 01 50 52-0001 Chimney Cleaning** (04 01 50 52)

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning.....	5.87
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning.....	11.73
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning.....	17.60

04 05 Common Work Results For Masonry (04)**04 05 13 Masonry Mortaring** (04 05)**04 05 13 26 Engineered Masonry Mortaring** (04 05 13)

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar (04 05 13 26)

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix.....	5.53
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix.....	5.11
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix.....	5.24
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI.....	5.74
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix.....	6.05

04 05 13 26-0007 Mortar Admixture (04 05 13 26)

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar.....	0.39
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar.....	0.07

04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture.....	2.48
04 05 13 26-0012	CF	Brown Colored Admixture.....	2.81
04 05 13 26-0013	CF	Black Colored Admixture.....	3.48
04 05 13 26-0014	CF	Red Colored Admixture.....	7.62

04 05 13 26-0015 Portland Cement (04 05 13 26)

04 05 13 26-0016	CF	Normal Portland Cement (Type I).....	13.21
04 05 13 26-0017	CF	Modified Portland Cement (Type II).....	6.59
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III).....	6.99
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I).....	14.64

04 05 16 Masonry Grouting (04 05)**04 05 16 26 Engineered Masonry Grouting** (04 05 16)

Note: Does not include reinforcement.

04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)

Note: Excludes block.

04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep.....	4.09
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep.....	4.47
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep.....	5.00
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep.....	5.59

04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF).....	3.18
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF).....	4.63
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF).....	6.62
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF).....	8.14
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF).....	9.61

04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF).....	3.76
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF).....	5.31
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF).....	6.67
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF).....	9.06

04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 16 26-0018	LF	Grout Door Frames - Grout Fill		5.98	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill		5.13	

04 05 16 26-0020 Sand Filled Walls (04 05 16 26)
04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)

Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)		3.14	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)		4.33	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)		5.34	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)		7.13	

04 05 19 Masonry Anchorage And Reinforcing (04 05)
04 05 19 13 Continuous Joint Reinforcing (04 05 19)

Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)
04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		60.65	
		<i>For Hot-Dipped Galvanized, Add</i>		12.00	
		<i>For Stainless Steel, Add</i>		48.00	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		64.36	
		<i>For Hot-Dipped Galvanized, Add</i>		12.61	
		<i>For Stainless Steel, Add</i>		50.42	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		69.29	
		<i>For Hot-Dipped Galvanized, Add</i>		13.29	
		<i>For Stainless Steel, Add</i>		53.14	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		75.10	
		<i>For Hot-Dipped Galvanized, Add</i>		14.06	
		<i>For Stainless Steel, Add</i>		56.24	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		81.83	
		<i>For Hot-Dipped Galvanized, Add</i>		14.81	
		<i>For Stainless Steel, Add</i>		59.24	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		86.73	
		<i>For Hot-Dipped Galvanized, Add</i>		15.18	
		<i>For Stainless Steel, Add</i>		60.72	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		90.39	
		<i>For Hot-Dipped Galvanized, Add</i>		15.60	
		<i>For Stainless Steel, Add</i>		62.40	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		105.85	
		<i>For Hot-Dipped Galvanized, Add</i>		21.45	
		<i>For Stainless Steel, Add</i>		85.78	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		133.01	
		<i>For Hot-Dipped Galvanized, Add</i>		33.15	
		<i>For Stainless Steel, Add</i>		132.60	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		73.95	
		<i>For Hot-Dipped Galvanized, Add</i>		18.65	
		<i>For Stainless Steel, Add</i>		74.60	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		77.81	
		<i>For Hot-Dipped Galvanized, Add</i>		19.33	
		<i>For Stainless Steel, Add</i>		77.32	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		82.89	
		<i>For Hot-Dipped Galvanized, Add</i>		20.09	
		<i>For Stainless Steel, Add</i>		80.34	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		88.55	
		<i>For Hot-Dipped Galvanized, Add</i>		20.79	
		<i>For Stainless Steel, Add</i>		83.14	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		95.25	
		<i>For Hot-Dipped Galvanized, Add</i>		21.52	
		<i>For Stainless Steel, Add</i>		86.08	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
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 TOTAL DIRECT DEMOLITION
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04 05 19 13-0020	CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.21	
	<i>For Hot-Dipped Galvanized, Add</i>	21.93	
	<i>For Stainless Steel, Add</i>	87.70	
04 05 19 13-0021	CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.78	
	<i>For Hot-Dipped Galvanized, Add</i>	22.29	
	<i>For Stainless Steel, Add</i>	89.16	
04 05 19 13-0022	CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.53	
	<i>For Hot-Dipped Galvanized, Add</i>	30.29	
	<i>For Stainless Steel, Add</i>	121.16	
04 05 19 13-0023	CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.36	
	<i>For Hot-Dipped Galvanized, Add</i>	48.33	
	<i>For Stainless Steel, Add</i>	193.32	
04 05 19 13-0024	Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0025	CLF #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.85	
	<i>For Hot-Dipped Galvanized, Add</i>	25.10	
	<i>For Stainless Steel, Add</i>	100.40	
04 05 19 13-0026	CLF #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.43	
	<i>For Hot-Dipped Galvanized, Add</i>	26.48	
	<i>For Stainless Steel, Add</i>	105.92	
04 05 19 13-0027	CLF #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	98.01	
	<i>For Hot-Dipped Galvanized, Add</i>	27.86	
	<i>For Stainless Steel, Add</i>	111.44	
04 05 19 13-0028	CLF #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.01	
	<i>For Hot-Dipped Galvanized, Add</i>	29.52	
	<i>For Stainless Steel, Add</i>	118.06	
04 05 19 13-0029	CLF #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.99	
	<i>For Hot-Dipped Galvanized, Add</i>	31.15	
	<i>For Stainless Steel, Add</i>	124.60	
04 05 19 13-0030	CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.44	
	<i>For Hot-Dipped Galvanized, Add</i>	32.03	
	<i>For Stainless Steel, Add</i>	128.12	
04 05 19 13-0031	CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	124.30	
	<i>For Hot-Dipped Galvanized, Add</i>	32.79	
	<i>For Stainless Steel, Add</i>	131.14	
04 05 19 13-0032	CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.54	
	<i>For Hot-Dipped Galvanized, Add</i>	34.29	
	<i>For Stainless Steel, Add</i>	137.16	
04 05 19 13-0033	CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	180.65	
	<i>For Hot-Dipped Galvanized, Add</i>	56.97	
	<i>For Stainless Steel, Add</i>	227.86	
04 05 19 13-0034	Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0035	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.29	
	<i>For Hot-Dipped Galvanized, Add</i>	27.32	
	<i>For Stainless Steel, Add</i>	109.28	
04 05 19 13-0036	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.98	
	<i>For Hot-Dipped Galvanized, Add</i>	27.92	
	<i>For Stainless Steel, Add</i>	111.66	
04 05 19 13-0037	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.90	
	<i>For Hot-Dipped Galvanized, Add</i>	28.60	
	<i>For Stainless Steel, Add</i>	114.38	
04 05 19 13-0038	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	105.72	
	<i>For Hot-Dipped Galvanized, Add</i>	29.37	
	<i>For Stainless Steel, Add</i>	117.48	
04 05 19 13-0039	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.45	
	<i>For Hot-Dipped Galvanized, Add</i>	30.12	
	<i>For Stainless Steel, Add</i>	120.48	
04 05 19 13-0040	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.36	
	<i>For Hot-Dipped Galvanized, Add</i>	30.49	
	<i>For Stainless Steel, Add</i>	121.96	
04 05 19 13-0041	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.01	
	<i>For Hot-Dipped Galvanized, Add</i>	30.91	
	<i>For Stainless Steel, Add</i>	123.64	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	136.47	
		<i>For Hot-Dipped Galvanized, Add</i>	36.76	
		<i>For Stainless Steel, Add</i>	147.02	
04 05 19 13-0043		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.59	
		<i>For Hot-Dipped Galvanized, Add</i>	33.97	
		<i>For Stainless Steel, Add</i>	135.88	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.46	
		<i>For Hot-Dipped Galvanized, Add</i>	34.66	
		<i>For Stainless Steel, Add</i>	138.62	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.52	
		<i>For Hot-Dipped Galvanized, Add</i>	35.41	
		<i>For Stainless Steel, Add</i>	141.62	
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.19	
		<i>For Hot-Dipped Galvanized, Add</i>	36.11	
		<i>For Stainless Steel, Add</i>	144.42	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.89	
		<i>For Hot-Dipped Galvanized, Add</i>	36.84	
		<i>For Stainless Steel, Add</i>	147.36	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.85	
		<i>For Hot-Dipped Galvanized, Add</i>	37.25	
		<i>For Stainless Steel, Add</i>	148.98	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.42	
		<i>For Hot-Dipped Galvanized, Add</i>	37.61	
		<i>For Stainless Steel, Add</i>	150.44	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	154.17	
		<i>For Hot-Dipped Galvanized, Add</i>	45.61	
		<i>For Stainless Steel, Add</i>	182.44	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	194.01	
		<i>For Hot-Dipped Galvanized, Add</i>	63.66	
		<i>For Stainless Steel, Add</i>	254.62	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.47	
		<i>For Hot-Dipped Galvanized, Add</i>	40.41	
		<i>For Stainless Steel, Add</i>	161.64	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.06	
		<i>For Hot-Dipped Galvanized, Add</i>	41.80	
		<i>For Stainless Steel, Add</i>	167.18	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.64	
		<i>For Hot-Dipped Galvanized, Add</i>	43.18	
		<i>For Stainless Steel, Add</i>	172.70	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.62	
		<i>For Hot-Dipped Galvanized, Add</i>	44.82	
		<i>For Stainless Steel, Add</i>	179.28	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.62	
		<i>For Hot-Dipped Galvanized, Add</i>	46.47	
		<i>For Stainless Steel, Add</i>	185.86	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.06	
		<i>For Hot-Dipped Galvanized, Add</i>	47.34	
		<i>For Stainless Steel, Add</i>	189.36	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	154.92	
		<i>For Hot-Dipped Galvanized, Add</i>	48.10	
		<i>For Stainless Steel, Add</i>	192.38	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	162.16	
		<i>For Hot-Dipped Galvanized, Add</i>	49.60	
		<i>For Stainless Steel, Add</i>	198.40	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	211.28	
		<i>For Hot-Dipped Galvanized, Add</i>	72.28	
		<i>For Stainless Steel, Add</i>	289.12	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
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 TOTAL DIRECT DEMOLITION
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04 05 19 13-0064	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.92	
	<i>For Hot-Dipped Galvanized, Add</i>	42.64	
	<i>For Stainless Steel, Add</i>	170.54	
04 05 19 13-0065	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.61	
	<i>For Hot-Dipped Galvanized, Add</i>	43.23	
	<i>For Stainless Steel, Add</i>	172.92	
04 05 19 13-0066	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.53	
	<i>For Hot-Dipped Galvanized, Add</i>	43.91	
	<i>For Stainless Steel, Add</i>	175.64	
04 05 19 13-0067	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.34	
	<i>For Hot-Dipped Galvanized, Add</i>	44.68	
	<i>For Stainless Steel, Add</i>	178.72	
04 05 19 13-0068	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.08	
	<i>For Hot-Dipped Galvanized, Add</i>	45.44	
	<i>For Stainless Steel, Add</i>	181.74	
04 05 19 13-0069	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	147.98	
	<i>For Hot-Dipped Galvanized, Add</i>	45.80	
	<i>For Stainless Steel, Add</i>	183.20	
04 05 19 13-0070	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.63	
	<i>For Hot-Dipped Galvanized, Add</i>	46.22	
	<i>For Stainless Steel, Add</i>	184.88	
04 05 19 13-0071	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	167.09	
	<i>For Hot-Dipped Galvanized, Add</i>	52.07	
	<i>For Stainless Steel, Add</i>	208.26	
04 05 19 13-0072	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	194.26	
	<i>For Hot-Dipped Galvanized, Add</i>	63.78	
	<i>For Stainless Steel, Add</i>	255.10	
04 05 19 13-0073	Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0074	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	135.22	
	<i>For Hot-Dipped Galvanized, Add</i>	49.29	
	<i>For Stainless Steel, Add</i>	197.14	
04 05 19 13-0075	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	139.08	
	<i>For Hot-Dipped Galvanized, Add</i>	49.97	
	<i>For Stainless Steel, Add</i>	199.86	
04 05 19 13-0076	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.15	
	<i>For Hot-Dipped Galvanized, Add</i>	50.72	
	<i>For Stainless Steel, Add</i>	202.88	
04 05 19 13-0077	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	149.82	
	<i>For Hot-Dipped Galvanized, Add</i>	51.42	
	<i>For Stainless Steel, Add</i>	205.68	
04 05 19 13-0078	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	156.52	
	<i>For Hot-Dipped Galvanized, Add</i>	52.16	
	<i>For Stainless Steel, Add</i>	208.62	
04 05 19 13-0079	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	161.47	
	<i>For Hot-Dipped Galvanized, Add</i>	52.56	
	<i>For Stainless Steel, Add</i>	210.22	
04 05 19 13-0080	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	165.05	
	<i>For Hot-Dipped Galvanized, Add</i>	52.93	
	<i>For Stainless Steel, Add</i>	211.70	
04 05 19 13-0081	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	184.80	
	<i>For Hot-Dipped Galvanized, Add</i>	60.93	
	<i>For Stainless Steel, Add</i>	243.70	
04 05 19 13-0082	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	224.63	
	<i>For Hot-Dipped Galvanized, Add</i>	78.97	
	<i>For Stainless Steel, Add</i>	315.86	
04 05 19 13-0083	Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0084	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	148.10	
	<i>For Hot-Dipped Galvanized, Add</i>	55.73	
	<i>For Stainless Steel, Add</i>	222.90	
04 05 19 13-0085	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.68	
	<i>For Hot-Dipped Galvanized, Add</i>	57.11	
	<i>For Stainless Steel, Add</i>	228.42	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0086	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		159.27	
	<i>For Hot-Dipped Galvanized, Add</i>		58.49	
	<i>For Stainless Steel, Add</i>		233.96	
04 05 19 13-0087	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		167.25	
	<i>For Hot-Dipped Galvanized, Add</i>		60.14	
	<i>For Stainless Steel, Add</i>		240.54	
04 05 19 13-0088	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		175.25	
	<i>For Hot-Dipped Galvanized, Add</i>		61.78	
	<i>For Stainless Steel, Add</i>		247.12	
04 05 19 13-0089	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		181.69	
	<i>For Hot-Dipped Galvanized, Add</i>		62.66	
	<i>For Stainless Steel, Add</i>		250.02	
04 05 19 13-0090	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		185.55	
	<i>For Hot-Dipped Galvanized, Add</i>		63.41	
	<i>For Stainless Steel, Add</i>		253.64	
04 05 19 13-0091	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		192.79	
	<i>For Hot-Dipped Galvanized, Add</i>		64.92	
	<i>For Stainless Steel, Add</i>		259.66	
04 05 19 13-0092	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		241.91	
	<i>For Hot-Dipped Galvanized, Add</i>		87.60	
	<i>For Stainless Steel, Add</i>		350.38	
04 05 19 13-0093	Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>			
04 05 19 13-0094	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>			
04 05 19 13-0095	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		88.37	
	<i>For Hot-Dipped Galvanized, Add</i>		20.40	
	<i>For Stainless Steel, Add</i>		81.60	
04 05 19 13-0096	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		97.40	
	<i>For Hot-Dipped Galvanized, Add</i>		22.27	
	<i>For Stainless Steel, Add</i>		89.08	
04 05 19 13-0097	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		105.99	
	<i>For Hot-Dipped Galvanized, Add</i>		23.93	
	<i>For Stainless Steel, Add</i>		95.70	
04 05 19 13-0098	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		113.19	
	<i>For Hot-Dipped Galvanized, Add</i>		24.88	
	<i>For Stainless Steel, Add</i>		99.52	
04 05 19 13-0099	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		117.60	
	<i>For Hot-Dipped Galvanized, Add</i>		25.77	
	<i>For Stainless Steel, Add</i>		103.06	
04 05 19 13-0100	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		126.29	
	<i>For Hot-Dipped Galvanized, Add</i>		27.73	
	<i>For Stainless Steel, Add</i>		110.92	
04 05 19 13-0101	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		133.75	
	<i>For Hot-Dipped Galvanized, Add</i>		29.35	
	<i>For Stainless Steel, Add</i>		117.38	
04 05 19 13-0102	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>			
04 05 19 13-0103	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		104.94	
	<i>For Hot-Dipped Galvanized, Add</i>		28.69	
	<i>For Stainless Steel, Add</i>		114.74	
04 05 19 13-0104	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		114.02	
	<i>For Hot-Dipped Galvanized, Add</i>		30.58	
	<i>For Stainless Steel, Add</i>		122.32	
04 05 19 13-0105	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		122.42	
	<i>For Hot-Dipped Galvanized, Add</i>		32.14	
	<i>For Stainless Steel, Add</i>		128.56	
04 05 19 13-0106	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		129.81	
	<i>For Hot-Dipped Galvanized, Add</i>		33.19	
	<i>For Stainless Steel, Add</i>		132.76	
04 05 19 13-0107	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		134.17	
	<i>For Hot-Dipped Galvanized, Add</i>		34.05	
	<i>For Stainless Steel, Add</i>		136.20	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0108	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	142.87	
	<i>For Hot-Dipped Galvanized, Add</i>	36.02	
	<i>For Stainless Steel, Add</i>	144.08	
04 05 19 13-0109	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	150.55	
	<i>For Hot-Dipped Galvanized, Add</i>	37.75	
	<i>For Stainless Steel, Add</i>	150.98	
04 05 19 13-0110	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>		
04 05 19 13-0111	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.99	
	<i>For Hot-Dipped Galvanized, Add</i>	32.71	
	<i>For Stainless Steel, Add</i>	130.84	
04 05 19 13-0112	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	123.98	
	<i>For Hot-Dipped Galvanized, Add</i>	35.56	
	<i>For Stainless Steel, Add</i>	142.24	
04 05 19 13-0113	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	134.84	
	<i>For Hot-Dipped Galvanized, Add</i>	38.35	
	<i>For Stainless Steel, Add</i>	153.40	
04 05 19 13-0114	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.11	
	<i>For Hot-Dipped Galvanized, Add</i>	39.84	
	<i>For Stainless Steel, Add</i>	159.36	
04 05 19 13-0115	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	148.47	
	<i>For Hot-Dipped Galvanized, Add</i>	41.20	
	<i>For Stainless Steel, Add</i>	164.80	
04 05 19 13-0116	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	159.04	
	<i>For Hot-Dipped Galvanized, Add</i>	44.11	
	<i>For Stainless Steel, Add</i>	176.42	
04 05 19 13-0117	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	168.96	
	<i>For Hot-Dipped Galvanized, Add</i>	46.95	
	<i>For Stainless Steel, Add</i>	187.80	
04 05 19 13-0118	Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0119	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0120	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	132.98	
	<i>For Hot-Dipped Galvanized, Add</i>	42.71	
	<i>For Stainless Steel, Add</i>	170.82	
04 05 19 13-0121	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	140.88	
	<i>For Hot-Dipped Galvanized, Add</i>	44.01	
	<i>For Stainless Steel, Add</i>	176.04	
04 05 19 13-0122	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	148.81	
	<i>For Hot-Dipped Galvanized, Add</i>	45.34	
	<i>For Stainless Steel, Add</i>	181.34	
04 05 19 13-0123	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	159.68	
	<i>For Hot-Dipped Galvanized, Add</i>	46.81	
	<i>For Stainless Steel, Add</i>	187.22	
04 05 19 13-0124	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	167.38	
	<i>For Hot-Dipped Galvanized, Add</i>	48.28	
	<i>For Stainless Steel, Add</i>	193.10	
04 05 19 13-0125	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	176.09	
	<i>For Hot-Dipped Galvanized, Add</i>	50.52	
	<i>For Stainless Steel, Add</i>	202.06	
04 05 19 13-0126	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0127	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	158.97	
	<i>For Hot-Dipped Galvanized, Add</i>	55.70	
	<i>For Stainless Steel, Add</i>	222.80	
04 05 19 13-0128	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	166.90	
	<i>For Hot-Dipped Galvanized, Add</i>	57.02	
	<i>For Stainless Steel, Add</i>	228.08	
04 05 19 13-0129	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	175.16	
	<i>For Hot-Dipped Galvanized, Add</i>	58.51	
	<i>For Stainless Steel, Add</i>	234.04	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 05 19 13-0130	CLF	#14		(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	185.70	
				<i>For Hot-Dipped Galvanized, Add</i>	59.82	
				<i>For Stainless Steel, Add</i>	239.26	
04 05 19 13-0131	CLF	#16		(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	193.44	
				<i>For Hot-Dipped Galvanized, Add</i>	61.31	
				<i>For Stainless Steel, Add</i>	245.22	
04 05 19 13-0132	CLF	#18		(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	200.65	
				<i>For Hot-Dipped Galvanized, Add</i>	62.80	
				<i>For Stainless Steel, Add</i>	251.18	
04 05 19 13-0133				3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0134	CLF	#8		(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	160.88	
				<i>For Hot-Dipped Galvanized, Add</i>	56.66	
				<i>For Stainless Steel, Add</i>	226.62	
04 05 19 13-0135	CLF	#10		(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.25	
				<i>For Hot-Dipped Galvanized, Add</i>	58.70	
				<i>For Stainless Steel, Add</i>	234.78	
04 05 19 13-0136	CLF	#12		(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.57	
				<i>For Hot-Dipped Galvanized, Add</i>	60.72	
				<i>For Stainless Steel, Add</i>	242.86	
04 05 19 13-0137	CLF	#14		(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	192.39	
				<i>For Hot-Dipped Galvanized, Add</i>	63.16	
				<i>For Stainless Steel, Add</i>	252.64	
04 05 19 13-0138	CLF	#16		(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	202.00	
				<i>For Hot-Dipped Galvanized, Add</i>	65.59	
				<i>For Stainless Steel, Add</i>	262.34	
04 05 19 13-0139	CLF	#18		(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	211.05	
				<i>For Hot-Dipped Galvanized, Add</i>	68.00	
				<i>For Stainless Steel, Add</i>	271.98	
04 05 19 13-0140				Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0141				9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0142	CLF	#10		(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	143.13	
				<i>For Hot-Dipped Galvanized, Add</i>	45.14	
				<i>For Stainless Steel, Add</i>	180.54	
04 05 19 13-0143	CLF	#12		(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	150.98	
				<i>For Hot-Dipped Galvanized, Add</i>	46.42	
				<i>For Stainless Steel, Add</i>	185.68	
04 05 19 13-0144	CLF	#14		(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	161.48	
				<i>For Hot-Dipped Galvanized, Add</i>	47.71	
				<i>For Stainless Steel, Add</i>	190.82	
04 05 19 13-0145	CLF	#16		(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	169.29	
				<i>For Hot-Dipped Galvanized, Add</i>	49.23	
				<i>For Stainless Steel, Add</i>	196.92	
04 05 19 13-0146	CLF	#18		(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	176.46	
				<i>For Hot-Dipped Galvanized, Add</i>	50.70	
				<i>For Stainless Steel, Add</i>	202.80	
04 05 19 13-0147	CLF	#20		(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	185.32	
				<i>For Hot-Dipped Galvanized, Add</i>	53.66	
				<i>For Stainless Steel, Add</i>	214.64	
04 05 19 13-0148				3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0149	CLF	#10		(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	169.15	
				<i>For Hot-Dipped Galvanized, Add</i>	58.15	
				<i>For Stainless Steel, Add</i>	232.58	
04 05 19 13-0150	CLF	#12		(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.04	
				<i>For Hot-Dipped Galvanized, Add</i>	59.45	
				<i>For Stainless Steel, Add</i>	237.80	
04 05 19 13-0151	CLF	#14		(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.91	
				<i>For Hot-Dipped Galvanized, Add</i>	60.92	
				<i>For Stainless Steel, Add</i>	243.68	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
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 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
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04 05 19 13-0152	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	195.28	
	<i>For Hot-Dipped Galvanized, Add</i>	62.23	
	<i>For Stainless Steel, Add</i>	248.90	
04 05 19 13-0153	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.48	
	<i>For Hot-Dipped Galvanized, Add</i>	63.71	
	<i>For Stainless Steel, Add</i>	254.84	
04 05 19 13-0154	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.67	
	<i>For Hot-Dipped Galvanized, Add</i>	66.84	
	<i>For Stainless Steel, Add</i>	267.34	
04 05 19 13-0155	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0156	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	170.98	
	<i>For Hot-Dipped Galvanized, Add</i>	59.06	
	<i>For Stainless Steel, Add</i>	236.24	
04 05 19 13-0157	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.34	
	<i>For Hot-Dipped Galvanized, Add</i>	61.10	
	<i>For Stainless Steel, Add</i>	244.40	
04 05 19 13-0158	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	192.39	
	<i>For Hot-Dipped Galvanized, Add</i>	63.16	
	<i>For Stainless Steel, Add</i>	252.64	
04 05 19 13-0159	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.00	
	<i>For Hot-Dipped Galvanized, Add</i>	65.59	
	<i>For Stainless Steel, Add</i>	262.34	
04 05 19 13-0160	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.05	
	<i>For Hot-Dipped Galvanized, Add</i>	68.00	
	<i>For Stainless Steel, Add</i>	271.98	
04 05 19 13-0161	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	220.90	
	<i>For Hot-Dipped Galvanized, Add</i>	71.45	
	<i>For Stainless Steel, Add</i>	285.80	
04 05 19 13-0162	Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0163	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0164	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	134.56	
	<i>For Hot-Dipped Galvanized, Add</i>	40.85	
	<i>For Stainless Steel, Add</i>	163.40	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0165	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	141.97	
	<i>For Hot-Dipped Galvanized, Add</i>	41.92	
	<i>For Stainless Steel, Add</i>	167.66	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0166	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	152.18	
	<i>For Hot-Dipped Galvanized, Add</i>	43.06	
	<i>For Stainless Steel, Add</i>	172.22	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0167	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	159.37	
	<i>For Hot-Dipped Galvanized, Add</i>	44.27	
	<i>For Stainless Steel, Add</i>	177.08	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0168	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	166.13	
	<i>For Hot-Dipped Galvanized, Add</i>	45.54	
	<i>For Stainless Steel, Add</i>	182.14	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0169	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	171.35	
	<i>For Hot-Dipped Galvanized, Add</i>	46.68	
	<i>For Stainless Steel, Add</i>	186.70	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0170	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0171	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	158.97	
	<i>For Hot-Dipped Galvanized, Add</i>	53.06	
	<i>For Stainless Steel, Add</i>	212.22	
	<i>For Seismic Hook And Eye, Add</i>	27.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0172	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	165.90	
			<i>For Hot-Dipped Galvanized, Add</i>	53.88	
			<i>For Stainless Steel, Add</i>	215.52	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0173	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.18	
			<i>For Hot-Dipped Galvanized, Add</i>	55.06	
			<i>For Stainless Steel, Add</i>	220.22	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0174	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	183.22	
			<i>For Hot-Dipped Galvanized, Add</i>	56.20	
			<i>For Stainless Steel, Add</i>	224.78	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0175	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	189.73	
			<i>For Hot-Dipped Galvanized, Add</i>	57.34	
			<i>For Stainless Steel, Add</i>	229.34	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0176	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	197.59	
			<i>For Hot-Dipped Galvanized, Add</i>	59.80	
			<i>For Stainless Steel, Add</i>	239.18	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0177			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0178	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	160.77	
			<i>For Hot-Dipped Galvanized, Add</i>	53.96	
			<i>For Stainless Steel, Add</i>	215.82	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0179	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	169.94	
			<i>For Hot-Dipped Galvanized, Add</i>	55.90	
			<i>For Stainless Steel, Add</i>	223.60	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0180	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	181.73	
			<i>For Hot-Dipped Galvanized, Add</i>	57.83	
			<i>For Stainless Steel, Add</i>	231.32	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0181	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	191.12	
			<i>For Hot-Dipped Galvanized, Add</i>	60.15	
			<i>For Stainless Steel, Add</i>	240.58	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0182	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	199.98	
			<i>For Hot-Dipped Galvanized, Add</i>	62.46	
			<i>For Stainless Steel, Add</i>	249.84	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0183	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	207.52	
			<i>For Hot-Dipped Galvanized, Add</i>	64.76	
			<i>For Stainless Steel, Add</i>	259.04	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0184			Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0185			9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0186	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	144.69	
			<i>For Hot-Dipped Galvanized, Add</i>	43.28	
			<i>For Stainless Steel, Add</i>	173.10	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0187	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	154.72	
			<i>For Hot-Dipped Galvanized, Add</i>	44.33	
			<i>For Stainless Steel, Add</i>	177.30	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0188	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	161.57	
			<i>For Hot-Dipped Galvanized, Add</i>	45.37	
			<i>For Stainless Steel, Add</i>	181.48	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0189	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	168.49	
			<i>For Hot-Dipped Galvanized, Add</i>	46.72	
			<i>For Stainless Steel, Add</i>	186.86	
			<i>For Seismic Hook And Eye, Add</i>	27.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0190	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	173.85
	<i>For Hot-Dipped Galvanized, Add</i>	47.93
	<i>For Stainless Steel, Add</i>	191.70
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0191	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>	
04 05 19 13-0192	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	168.22
	<i>For Hot-Dipped Galvanized, Add</i>	55.04
	<i>For Stainless Steel, Add</i>	220.16
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0193	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	178.42
	<i>For Hot-Dipped Galvanized, Add</i>	56.18
	<i>For Stainless Steel, Add</i>	224.70
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0194	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	185.61
	<i>For Hot-Dipped Galvanized, Add</i>	57.39
	<i>For Stainless Steel, Add</i>	229.56
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0195	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	191.79
	<i>For Hot-Dipped Galvanized, Add</i>	58.37
	<i>For Stainless Steel, Add</i>	233.46
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0196	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	197.37
	<i>For Hot-Dipped Galvanized, Add</i>	59.69
	<i>For Stainless Steel, Add</i>	238.74
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0197	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>	
04 05 19 13-0198	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	170.64
	<i>For Hot-Dipped Galvanized, Add</i>	56.25
	<i>For Stainless Steel, Add</i>	225.00
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0199	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	182.47
	<i>For Hot-Dipped Galvanized, Add</i>	58.20
	<i>For Stainless Steel, Add</i>	232.80
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0200	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	191.12
	<i>For Hot-Dipped Galvanized, Add</i>	60.15
	<i>For Stainless Steel, Add</i>	240.58
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0201	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	199.98
	<i>For Hot-Dipped Galvanized, Add</i>	62.46
	<i>For Stainless Steel, Add</i>	249.84
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0202	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	207.52
	<i>For Hot-Dipped Galvanized, Add</i>	64.76
	<i>For Stainless Steel, Add</i>	259.04
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0203	Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>	
04 05 19 13-0204	Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>	
04 05 19 13-0205	Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>	
04 05 19 13-0206	CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	70.68
	<i>For Hot-Dipped Galvanized, Add</i>	17.02
	<i>For Stainless Steel, Add</i>	68.06
04 05 19 13-0207	CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	73.55
	<i>For Hot-Dipped Galvanized, Add</i>	17.20
	<i>For Stainless Steel, Add</i>	68.80
04 05 19 13-0208	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	78.48
	<i>For Hot-Dipped Galvanized, Add</i>	17.88
	<i>For Stainless Steel, Add</i>	71.52
04 05 19 13-0209	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	84.50
	<i>For Hot-Dipped Galvanized, Add</i>	18.76
	<i>For Stainless Steel, Add</i>	75.04

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0210	CLF	#12	(For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		91.72	
			<i>For Hot-Dipped Galvanized, Add</i>		19.76	
			<i>For Stainless Steel, Add</i>		79.02	
04 05 19 13-0211	CLF	#13	(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		96.95	
			<i>For Hot-Dipped Galvanized, Add</i>		20.29	
			<i>For Stainless Steel, Add</i>		81.16	
04 05 19 13-0212	CLF	#14	(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		100.85	
			<i>For Hot-Dipped Galvanized, Add</i>		21.06	
			<i>For Stainless Steel, Add</i>		84.24	
04 05 19 13-0213	CLF	#16	(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		122.12	
			<i>For Hot-Dipped Galvanized, Add</i>		29.59	
			<i>For Stainless Steel, Add</i>		118.34	
04 05 19 13-0214	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		129.25	
			<i>For Hot-Dipped Galvanized, Add</i>		31.28	
			<i>For Stainless Steel, Add</i>		125.10	
04 05 19 13-0215	CLF	#20	(For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		179.62	
			<i>For Hot-Dipped Galvanized, Add</i>		54.10	
			<i>For Stainless Steel, Add</i>		216.40	

04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)

04 05 19 13-0217	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		83.84	
			<i>For Hot-Dipped Galvanized, Add</i>		23.60	
			<i>For Stainless Steel, Add</i>		94.38	
04 05 19 13-0218	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		87.00	
			<i>For Hot-Dipped Galvanized, Add</i>		23.93	
			<i>For Stainless Steel, Add</i>		95.70	
04 05 19 13-0219	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		91.93	
			<i>For Hot-Dipped Galvanized, Add</i>		24.61	
			<i>For Stainless Steel, Add</i>		98.42	
04 05 19 13-0220	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		97.92	
			<i>For Hot-Dipped Galvanized, Add</i>		25.47	
			<i>For Stainless Steel, Add</i>		101.88	
04 05 19 13-0221	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		104.95	
			<i>For Hot-Dipped Galvanized, Add</i>		26.37	
			<i>For Stainless Steel, Add</i>		105.48	
04 05 19 13-0222	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		110.35	
			<i>For Hot-Dipped Galvanized, Add</i>		27.00	
			<i>For Stainless Steel, Add</i>		107.98	
04 05 19 13-0223	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		114.04	
			<i>For Hot-Dipped Galvanized, Add</i>		27.66	
			<i>For Stainless Steel, Add</i>		110.62	
04 05 19 13-0224	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		139.84	
			<i>For Hot-Dipped Galvanized, Add</i>		38.45	
			<i>For Stainless Steel, Add</i>		153.78	
04 05 19 13-0225	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		146.97	
			<i>For Hot-Dipped Galvanized, Add</i>		40.14	
			<i>For Stainless Steel, Add</i>		160.54	
04 05 19 13-0226	CLF	#20	(For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		218.34	
			<i>For Hot-Dipped Galvanized, Add</i>		75.82	
			<i>For Stainless Steel, Add</i>		303.28	

04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)

04 05 19 13-0228	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		103.98	
			<i>For Hot-Dipped Galvanized, Add</i>		33.67	
			<i>For Stainless Steel, Add</i>		134.66	
04 05 19 13-0229	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		107.65	
			<i>For Hot-Dipped Galvanized, Add</i>		34.09	
			<i>For Stainless Steel, Add</i>		136.36	
04 05 19 13-0230	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		112.97	
			<i>For Hot-Dipped Galvanized, Add</i>		35.34	
			<i>For Stainless Steel, Add</i>		141.36	
04 05 19 13-0231	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		121.07	
			<i>For Hot-Dipped Galvanized, Add</i>		37.05	
			<i>For Stainless Steel, Add</i>		148.18	
04 05 19 13-0232	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		130.05	
			<i>For Hot-Dipped Galvanized, Add</i>		39.18	
			<i>For Stainless Steel, Add</i>		156.72	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0233	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.69	
	<i>For Hot-Dipped Galvanized, Add</i>	40.16	
	<i>For Stainless Steel, Add</i>	160.62	
04 05 19 13-0234	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.94	
	<i>For Hot-Dipped Galvanized, Add</i>	41.61	
	<i>For Stainless Steel, Add</i>	166.42	
04 05 19 13-0235	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.76	
	<i>For Hot-Dipped Galvanized, Add</i>	58.40	
	<i>For Stainless Steel, Add</i>	233.60	
04 05 19 13-0236	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	190.14	
	<i>For Hot-Dipped Galvanized, Add</i>	61.71	
	<i>For Stainless Steel, Add</i>	246.84	
04 05 19 13-0237	CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	284.81	
	<i>For Hot-Dipped Galvanized, Add</i>	106.70	
	<i>For Stainless Steel, Add</i>	426.78	
04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>			
04 05 19 13-0239	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.29	
	<i>For Hot-Dipped Galvanized, Add</i>	27.32	
	<i>For Stainless Steel, Add</i>	109.28	
04 05 19 13-0240	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.98	
	<i>For Hot-Dipped Galvanized, Add</i>	27.92	
	<i>For Stainless Steel, Add</i>	111.66	
04 05 19 13-0241	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.90	
	<i>For Hot-Dipped Galvanized, Add</i>	28.60	
	<i>For Stainless Steel, Add</i>	114.38	
04 05 19 13-0242	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.72	
	<i>For Hot-Dipped Galvanized, Add</i>	29.37	
	<i>For Stainless Steel, Add</i>	117.48	
04 05 19 13-0243	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.45	
	<i>For Hot-Dipped Galvanized, Add</i>	30.12	
	<i>For Stainless Steel, Add</i>	120.48	
04 05 19 13-0244	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.36	
	<i>For Hot-Dipped Galvanized, Add</i>	30.49	
	<i>For Stainless Steel, Add</i>	121.96	
04 05 19 13-0245	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.01	
	<i>For Hot-Dipped Galvanized, Add</i>	30.91	
	<i>For Stainless Steel, Add</i>	123.64	
04 05 19 13-0246	CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.47	
	<i>For Hot-Dipped Galvanized, Add</i>	36.76	
	<i>For Stainless Steel, Add</i>	147.02	
04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>			
04 05 19 13-0248	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.59	
	<i>For Hot-Dipped Galvanized, Add</i>	33.97	
	<i>For Stainless Steel, Add</i>	135.88	
04 05 19 13-0249	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.46	
	<i>For Hot-Dipped Galvanized, Add</i>	34.66	
	<i>For Stainless Steel, Add</i>	138.62	
04 05 19 13-0250	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.52	
	<i>For Hot-Dipped Galvanized, Add</i>	35.41	
	<i>For Stainless Steel, Add</i>	141.62	
04 05 19 13-0251	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.19	
	<i>For Hot-Dipped Galvanized, Add</i>	36.11	
	<i>For Stainless Steel, Add</i>	144.42	
04 05 19 13-0252	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.89	
	<i>For Hot-Dipped Galvanized, Add</i>	36.84	
	<i>For Stainless Steel, Add</i>	147.36	
04 05 19 13-0253	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.85	
	<i>For Hot-Dipped Galvanized, Add</i>	37.25	
	<i>For Stainless Steel, Add</i>	148.98	
04 05 19 13-0254	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.42	
	<i>For Hot-Dipped Galvanized, Add</i>	37.61	
	<i>For Stainless Steel, Add</i>	150.44	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	04 05 19 13-0255	CLF		#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 154.17 <i>For Hot-Dipped Galvanized, Add</i> 45.61 <i>For Stainless Steel, Add</i> 182.44		
	04 05 19 13-0256	CLF		#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 194.01 <i>For Hot-Dipped Galvanized, Add</i> 63.66 <i>For Stainless Steel, Add</i> 254.62		
04 05 19 13-0257	Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>					
	04 05 19 13-0258	CLF		#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 117.47 <i>For Hot-Dipped Galvanized, Add</i> 40.41 <i>For Stainless Steel, Add</i> 161.64		
	04 05 19 13-0259	CLF		#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 123.06 <i>For Hot-Dipped Galvanized, Add</i> 41.80 <i>For Stainless Steel, Add</i> 167.18		
	04 05 19 13-0260	CLF		#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 128.64 <i>For Hot-Dipped Galvanized, Add</i> 43.18 <i>For Stainless Steel, Add</i> 172.70		
	04 05 19 13-0261	CLF		#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 136.62 <i>For Hot-Dipped Galvanized, Add</i> 44.82 <i>For Stainless Steel, Add</i> 179.28		
	04 05 19 13-0262	CLF		#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 144.62 <i>For Hot-Dipped Galvanized, Add</i> 46.47 <i>For Stainless Steel, Add</i> 185.86		
	04 05 19 13-0263	CLF		#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 151.06 <i>For Hot-Dipped Galvanized, Add</i> 47.34 <i>For Stainless Steel, Add</i> 189.36		
	04 05 19 13-0264	CLF		#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 154.92 <i>For Hot-Dipped Galvanized, Add</i> 48.10 <i>For Stainless Steel, Add</i> 192.38		
	04 05 19 13-0265	CLF		#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 162.16 <i>For Hot-Dipped Galvanized, Add</i> 49.60 <i>For Stainless Steel, Add</i> 198.40		
	04 05 19 13-0266	CLF		#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement 211.28 <i>For Hot-Dipped Galvanized, Add</i> 72.28 <i>For Stainless Steel, Add</i> 289.12		
04 05 19 13-0267	Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>					
	04 05 19 13-0268	CLF		#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 121.92 <i>For Hot-Dipped Galvanized, Add</i> 42.64 <i>For Stainless Steel, Add</i> 170.54		
	04 05 19 13-0269	CLF		#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 125.61 <i>For Hot-Dipped Galvanized, Add</i> 43.23 <i>For Stainless Steel, Add</i> 172.92		
	04 05 19 13-0270	CLF		#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 130.53 <i>For Hot-Dipped Galvanized, Add</i> 43.91 <i>For Stainless Steel, Add</i> 175.64		
	04 05 19 13-0271	CLF		#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 136.34 <i>For Hot-Dipped Galvanized, Add</i> 44.68 <i>For Stainless Steel, Add</i> 178.72		
	04 05 19 13-0272	CLF		#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 143.08 <i>For Hot-Dipped Galvanized, Add</i> 45.44 <i>For Stainless Steel, Add</i> 181.74		
	04 05 19 13-0273	CLF		#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 147.98 <i>For Hot-Dipped Galvanized, Add</i> 45.80 <i>For Stainless Steel, Add</i> 183.20		
	04 05 19 13-0274	CLF		#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 151.63 <i>For Hot-Dipped Galvanized, Add</i> 46.22 <i>For Stainless Steel, Add</i> 184.88		
	04 05 19 13-0275	CLF		#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 167.09 <i>For Hot-Dipped Galvanized, Add</i> 52.07 <i>For Stainless Steel, Add</i> 208.26		
	04 05 19 13-0276	CLF		#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement 194.26 <i>For Hot-Dipped Galvanized, Add</i> 63.78 <i>For Stainless Steel, Add</i> 255.10		

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0277	Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0278	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	135.22	
	<i>For Hot-Dipped Galvanized, Add</i>	49.29	
	<i>For Stainless Steel, Add</i>	197.14	
04 05 19 13-0279	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	139.08	
	<i>For Hot-Dipped Galvanized, Add</i>	49.97	
	<i>For Stainless Steel, Add</i>	199.86	
04 05 19 13-0280	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.15	
	<i>For Hot-Dipped Galvanized, Add</i>	50.72	
	<i>For Stainless Steel, Add</i>	202.88	
04 05 19 13-0281	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	149.82	
	<i>For Hot-Dipped Galvanized, Add</i>	51.42	
	<i>For Stainless Steel, Add</i>	205.68	
04 05 19 13-0282	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	156.52	
	<i>For Hot-Dipped Galvanized, Add</i>	52.16	
	<i>For Stainless Steel, Add</i>	208.62	
04 05 19 13-0283	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	161.47	
	<i>For Hot-Dipped Galvanized, Add</i>	52.56	
	<i>For Stainless Steel, Add</i>	210.22	
04 05 19 13-0284	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	165.05	
	<i>For Hot-Dipped Galvanized, Add</i>	52.93	
	<i>For Stainless Steel, Add</i>	211.70	
04 05 19 13-0285	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	184.80	
	<i>For Hot-Dipped Galvanized, Add</i>	60.93	
	<i>For Stainless Steel, Add</i>	243.70	
04 05 19 13-0286	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	224.63	
	<i>For Hot-Dipped Galvanized, Add</i>	78.97	
	<i>For Stainless Steel, Add</i>	315.86	
04 05 19 13-0287	Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0288	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.10	
	<i>For Hot-Dipped Galvanized, Add</i>	55.73	
	<i>For Stainless Steel, Add</i>	222.90	
04 05 19 13-0289	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.68	
	<i>For Hot-Dipped Galvanized, Add</i>	57.11	
	<i>For Stainless Steel, Add</i>	228.42	
04 05 19 13-0290	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.27	
	<i>For Hot-Dipped Galvanized, Add</i>	58.49	
	<i>For Stainless Steel, Add</i>	233.96	
04 05 19 13-0291	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	167.25	
	<i>For Hot-Dipped Galvanized, Add</i>	60.14	
	<i>For Stainless Steel, Add</i>	240.54	
04 05 19 13-0292	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	175.25	
	<i>For Hot-Dipped Galvanized, Add</i>	61.78	
	<i>For Stainless Steel, Add</i>	247.12	
04 05 19 13-0293	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	181.69	
	<i>For Hot-Dipped Galvanized, Add</i>	62.66	
	<i>For Stainless Steel, Add</i>	250.62	
04 05 19 13-0294	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	185.55	
	<i>For Hot-Dipped Galvanized, Add</i>	63.41	
	<i>For Stainless Steel, Add</i>	253.64	
04 05 19 13-0295	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	192.79	
	<i>For Hot-Dipped Galvanized, Add</i>	64.92	
	<i>For Stainless Steel, Add</i>	259.66	
04 05 19 13-0296	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	241.91	
	<i>For Hot-Dipped Galvanized, Add</i>	87.60	
	<i>For Stainless Steel, Add</i>	350.38	
04 05 19 13-0297	Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0298	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0297)</small>		
04 05 19 13-0299	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	100.90	
	<i>For Hot-Dipped Galvanized, Add</i>	26.67	
	<i>For Stainless Steel, Add</i>	106.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		108.76	
		<i>For Hot-Dipped Galvanized, Add</i>		27.95	
		<i>For Stainless Steel, Add</i>		111.80	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		117.31	
		<i>For Hot-Dipped Galvanized, Add</i>		29.59	
		<i>For Stainless Steel, Add</i>		118.34	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		124.84	
		<i>For Hot-Dipped Galvanized, Add</i>		30.71	
		<i>For Stainless Steel, Add</i>		122.82	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		129.36	
		<i>For Hot-Dipped Galvanized, Add</i>		31.65	
		<i>For Stainless Steel, Add</i>		126.58	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		138.64	
		<i>For Hot-Dipped Galvanized, Add</i>		33.91	
		<i>For Stainless Steel, Add</i>		135.62	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		147.39	
		<i>For Hot-Dipped Galvanized, Add</i>		36.17	
		<i>For Stainless Steel, Add</i>		144.66	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		117.51	
		<i>For Hot-Dipped Galvanized, Add</i>		34.97	
		<i>For Stainless Steel, Add</i>		139.88	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		125.41	
		<i>For Hot-Dipped Galvanized, Add</i>		36.28	
		<i>For Stainless Steel, Add</i>		145.10	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		133.89	
		<i>For Hot-Dipped Galvanized, Add</i>		37.88	
		<i>For Stainless Steel, Add</i>		151.50	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		141.46	
		<i>For Hot-Dipped Galvanized, Add</i>		39.02	
		<i>For Stainless Steel, Add</i>		156.06	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		145.86	
		<i>For Hot-Dipped Galvanized, Add</i>		39.90	
		<i>For Stainless Steel, Add</i>		159.58	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		155.18	
		<i>For Hot-Dipped Galvanized, Add</i>		42.18	
		<i>For Stainless Steel, Add</i>		168.70	
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		164.00	
		<i>For Hot-Dipped Galvanized, Add</i>		44.47	
		<i>For Stainless Steel, Add</i>		177.88	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		132.91	
		<i>For Hot-Dipped Galvanized, Add</i>		42.67	
		<i>For Stainless Steel, Add</i>		170.68	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		142.24	
		<i>For Hot-Dipped Galvanized, Add</i>		44.69	
		<i>For Stainless Steel, Add</i>		178.76	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		153.07	
		<i>For Hot-Dipped Galvanized, Add</i>		47.47	
		<i>For Stainless Steel, Add</i>		189.86	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		161.38	
		<i>For Hot-Dipped Galvanized, Add</i>		48.98	
		<i>For Stainless Steel, Add</i>		195.90	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		167.03	
		<i>For Hot-Dipped Galvanized, Add</i>		50.48	
		<i>For Stainless Steel, Add</i>		201.92	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		178.59	
		<i>For Hot-Dipped Galvanized, Add</i>		53.88	
		<i>For Stainless Steel, Add</i>		215.52	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		188.44	
		<i>For Hot-Dipped Galvanized, Add</i>		56.69	
		<i>For Stainless Steel, Add</i>		226.76	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
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04 05 19 13-0322	Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0323	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0324	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	152.68	
	For Hot-Dipped Galvanized, Add	52.56	
	For Stainless Steel, Add	210.22	
04 05 19 13-0325	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	158.71	
	For Hot-Dipped Galvanized, Add	52.93	
	For Stainless Steel, Add	211.70	
04 05 19 13-0326	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	166.56	
	For Hot-Dipped Galvanized, Add	54.21	
	For Stainless Steel, Add	216.84	
04 05 19 13-0327	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	177.91	
	For Hot-Dipped Galvanized, Add	55.92	
	For Stainless Steel, Add	223.68	
04 05 19 13-0328	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	186.71	
	For Hot-Dipped Galvanized, Add	57.94	
	For Stainless Steel, Add	231.76	
04 05 19 13-0329	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	195.87	
	For Hot-Dipped Galvanized, Add	60.41	
	For Stainless Steel, Add	241.62	
04 05 19 13-0330	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0331	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	178.37	
	For Hot-Dipped Galvanized, Add	65.40	
	For Stainless Steel, Add	261.60	
04 05 19 13-0332	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	184.77	
	For Hot-Dipped Galvanized, Add	65.96	
	For Stainless Steel, Add	263.82	
04 05 19 13-0333	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	192.62	
	For Hot-Dipped Galvanized, Add	67.24	
	For Stainless Steel, Add	268.96	
04 05 19 13-0334	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	203.89	
	For Hot-Dipped Galvanized, Add	68.91	
	For Stainless Steel, Add	275.64	
04 05 19 13-0335	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	212.37	
	For Hot-Dipped Galvanized, Add	70.77	
	For Stainless Steel, Add	283.08	
04 05 19 13-0336	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	220.35	
	For Hot-Dipped Galvanized, Add	72.65	
	For Stainless Steel, Add	290.58	
04 05 19 13-0337	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0338	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	192.45	
	For Hot-Dipped Galvanized, Add	72.44	
	For Stainless Steel, Add	289.76	
04 05 19 13-0339	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	198.84	
	For Hot-Dipped Galvanized, Add	72.99	
	For Stainless Steel, Add	291.96	
04 05 19 13-0340	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	208.17	
	For Hot-Dipped Galvanized, Add	75.02	
	For Stainless Steel, Add	300.06	
04 05 19 13-0341	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	221.39	
	For Hot-Dipped Galvanized, Add	77.66	
	For Stainless Steel, Add	310.64	
04 05 19 13-0342	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	232.84	
	For Hot-Dipped Galvanized, Add	81.01	
	For Stainless Steel, Add	324.02	
04 05 19 13-0343	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	244.49	
	For Hot-Dipped Galvanized, Add	84.72	
	For Stainless Steel, Add	338.86	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

04 05 19 13-0344	Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0345	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0346	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	162.86	
	<i>For Hot-Dipped Galvanized, Add</i>	55.00	
	<i>For Stainless Steel, Add</i>	220.00	
04 05 19 13-0347	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	168.91	
	<i>For Hot-Dipped Galvanized, Add</i>	55.39	
	<i>For Stainless Steel, Add</i>	221.54	
04 05 19 13-0348	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	179.34	
	<i>For Hot-Dipped Galvanized, Add</i>	56.64	
	<i>For Stainless Steel, Add</i>	226.54	
04 05 19 13-0349	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	187.48	
	<i>For Hot-Dipped Galvanized, Add</i>	58.33	
	<i>For Stainless Steel, Add</i>	233.30	
04 05 19 13-0350	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	195.83	
	<i>For Hot-Dipped Galvanized, Add</i>	60.39	
	<i>For Stainless Steel, Add</i>	241.54	
04 05 19 13-0351	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	202.96	
	<i>For Hot-Dipped Galvanized, Add</i>	62.48	
	<i>For Stainless Steel, Add</i>	249.92	
04 05 19 13-0352	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0353	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	188.48	
	<i>For Hot-Dipped Galvanized, Add</i>	67.81	
	<i>For Stainless Steel, Add</i>	271.24	
04 05 19 13-0354	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	194.86	
	<i>For Hot-Dipped Galvanized, Add</i>	68.36	
	<i>For Stainless Steel, Add</i>	273.44	
04 05 19 13-0355	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	205.36	
	<i>For Hot-Dipped Galvanized, Add</i>	69.65	
	<i>For Stainless Steel, Add</i>	278.58	
04 05 19 13-0356	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	213.51	
	<i>For Hot-Dipped Galvanized, Add</i>	71.34	
	<i>For Stainless Steel, Add</i>	285.36	
04 05 19 13-0357	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	221.45	
	<i>For Hot-Dipped Galvanized, Add</i>	73.20	
	<i>For Stainless Steel, Add</i>	292.78	
04 05 19 13-0358	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	228.80	
	<i>For Hot-Dipped Galvanized, Add</i>	75.40	
	<i>For Stainless Steel, Add</i>	301.60	
04 05 19 13-0359	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0360	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	202.59	
	<i>For Hot-Dipped Galvanized, Add</i>	74.87	
	<i>For Stainless Steel, Add</i>	299.46	
04 05 19 13-0361	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	208.94	
	<i>For Hot-Dipped Galvanized, Add</i>	75.40	
	<i>For Stainless Steel, Add</i>	301.60	
04 05 19 13-0362	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	220.98	
	<i>For Hot-Dipped Galvanized, Add</i>	77.46	
	<i>For Stainless Steel, Add</i>	309.82	
04 05 19 13-0363	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	231.00	
	<i>For Hot-Dipped Galvanized, Add</i>	80.09	
	<i>For Stainless Steel, Add</i>	320.34	
04 05 19 13-0364	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	241.88	
	<i>For Hot-Dipped Galvanized, Add</i>	83.41	
	<i>For Stainless Steel, Add</i>	333.64	
04 05 19 13-0365	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	249.89	
	<i>For Hot-Dipped Galvanized, Add</i>	85.95	
	<i>For Stainless Steel, Add</i>	343.78	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0366	Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0367	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0368	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	152.98	
	For Hot-Dipped Galvanized, Add	50.06	
	For Stainless Steel, Add	200.24	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0369	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	158.95	
	For Hot-Dipped Galvanized, Add	50.41	
	For Stainless Steel, Add	201.62	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0370	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	169.05	
	For Hot-Dipped Galvanized, Add	51.49	
	For Stainless Steel, Add	205.96	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0371	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.94	
	For Hot-Dipped Galvanized, Add	53.06	
	For Stainless Steel, Add	212.22	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0372	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	184.40	
	For Hot-Dipped Galvanized, Add	54.67	
	For Stainless Steel, Add	218.68	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0373	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	191.31	
	For Hot-Dipped Galvanized, Add	56.66	
	For Stainless Steel, Add	226.62	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0374	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0375	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.57	
	For Hot-Dipped Galvanized, Add	61.86	
	For Stainless Steel, Add	247.42	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0376	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.81	
	For Hot-Dipped Galvanized, Add	62.34	
	For Stainless Steel, Add	249.34	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0377	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	192.72	
	For Hot-Dipped Galvanized, Add	63.33	
	For Stainless Steel, Add	253.30	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0378	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	200.46	
	For Hot-Dipped Galvanized, Add	64.82	
	For Stainless Steel, Add	259.26	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0379	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	207.89	
	For Hot-Dipped Galvanized, Add	66.42	
	For Stainless Steel, Add	265.66	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0380	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	214.35	
	For Hot-Dipped Galvanized, Add	68.18	
	For Stainless Steel, Add	272.70	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0381	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0382	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	190.83	
	For Hot-Dipped Galvanized, Add	68.99	
	For Stainless Steel, Add	275.94	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0383	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	197.18	
	For Hot-Dipped Galvanized, Add	69.52	
	For Stainless Steel, Add	278.08	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0384	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	208.97	
	For Hot-Dipped Galvanized, Add	71.45	
	For Stainless Steel, Add	285.80	
	For Seismic Hook And Eye, Add	27.50	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	218.76	
		<i>For Hot-Dipped Galvanized, Add</i>	73.97	
		<i>For Stainless Steel, Add</i>	295.86	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	229.35	
		<i>For Hot-Dipped Galvanized, Add</i>	77.15	
		<i>For Stainless Steel, Add</i>	308.58	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	239.35	
		<i>For Hot-Dipped Galvanized, Add</i>	80.68	
		<i>For Stainless Steel, Add</i>	322.70	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0388		Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0389		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall <small>(04 05 19 13-0388)</small>		
04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	162.96	
		<i>For Hot-Dipped Galvanized, Add</i>	52.41	
		<i>For Stainless Steel, Add</i>	209.64	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.63	
		<i>For Hot-Dipped Galvanized, Add</i>	52.78	
		<i>For Stainless Steel, Add</i>	211.12	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	178.70	
		<i>For Hot-Dipped Galvanized, Add</i>	53.94	
		<i>For Stainless Steel, Add</i>	215.74	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0393	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	186.24	
		<i>For Hot-Dipped Galvanized, Add</i>	55.59	
		<i>For Stainless Steel, Add</i>	222.36	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0394	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.00	
		<i>For Hot-Dipped Galvanized, Add</i>	57.50	
		<i>For Stainless Steel, Add</i>	230.00	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0395		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0396	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	188.39	
		<i>For Hot-Dipped Galvanized, Add</i>	65.13	
		<i>For Stainless Steel, Add</i>	260.50	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0397	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	197.13	
		<i>For Hot-Dipped Galvanized, Add</i>	65.53	
		<i>For Stainless Steel, Add</i>	262.12	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0398	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	204.13	
		<i>For Hot-Dipped Galvanized, Add</i>	66.65	
		<i>For Stainless Steel, Add</i>	266.60	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	211.38	
		<i>For Hot-Dipped Galvanized, Add</i>	68.16	
		<i>For Stainless Steel, Add</i>	272.64	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	217.40	
		<i>For Hot-Dipped Galvanized, Add</i>	69.70	
		<i>For Stainless Steel, Add</i>	278.80	
		<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0401		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	200.74	
		<i>For Hot-Dipped Galvanized, Add</i>	71.30	
		<i>For Stainless Steel, Add</i>	285.20	
		<i>For Seismic Hook And Eye, Add</i>	27.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	209.70
		<i>For Hot-Dipped Galvanized, Add</i>	71.82
		<i>For Stainless Steel, Add</i>	287.26
		<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	218.36
		<i>For Hot-Dipped Galvanized, Add</i>	73.77
		<i>For Stainless Steel, Add</i>	295.06
		<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	227.59
		<i>For Hot-Dipped Galvanized, Add</i>	76.27
		<i>For Stainless Steel, Add</i>	305.06
		<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	236.88
		<i>For Hot-Dipped Galvanized, Add</i>	79.44
		<i>For Stainless Steel, Add</i>	317.76
		<i>For Seismic Hook And Eye, Add</i>	27.50

04 05 19 16 Masonry Anchors (04 05 19)**04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties (04 05 19 16)****04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)**

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.09
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.14
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.18
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.23
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.29
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.18
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.23
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.29
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.34

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.01
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.03
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.08
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.11
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.08
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.11
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.14

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties (04 05 19 16)**04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)**

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.01
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.04
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.12
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.16
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.16
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.22
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.28
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.31

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.96
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.96
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.03
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.04
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.05
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.08
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.11
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.15

04 05 19 16-0041 Wire Beam Ties (04 05 19 16)**04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties (04 05 19 16-0041)**

04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.23
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.25
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.27
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.29
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.32

04 05 19 16-0048 Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)

04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.39
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.44

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.48	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.51	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.54	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.32	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.36	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.38	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.41	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.43	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.18	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.21	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.22	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.24	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.25	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.53	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.57	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.61	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.66	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.70	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.56	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.61	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.66	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.71	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.75	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.37	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.40	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.43	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.47	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.50	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.40	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.43	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.47	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.50	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.54	
04 05 19 16-0090		Corrugated Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.95	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.99	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.00	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.02	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.14	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.97	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.98	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.99	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.08	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.26	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.31	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.36	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.41	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.68	
04 05 19 16-0108		Wire Mesh Wall Ties <small>(04 05 19 16)</small>		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.73	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.02	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.35	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.88	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.82	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.28	

04 Masonry
04 05 Common Work Results For Masonry
04 05 19 Masonry Anchorage And Reinforcing

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0115		Triangle Brick Ties <small>(04 05 19 16)</small>	
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties <small>(04 05 19 16-0115)</small>	
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.56
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.58
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.60
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.66
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.67
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.76
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.80
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.90
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.76
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.77
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.79
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.84
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.86
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.94
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.97
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.07
04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties <small>(04 05 19 16-0115)</small>	
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.47
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.48
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.52
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.53
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.59
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.61
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.64
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.58
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.59
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.60
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.65
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.66
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.73
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.76
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.81
04 05 19 16-0150		Seismic Veneer Anchors <small>(04 05 19 16)</small>	
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor	5.09
		Note: For horizontal wire attachment. Excludes wire.	
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors <small>(04 05 19 16)</small>	
		Note: For restraining lateral movement at control joints. Field bendable.	
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.78
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	4.07
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.09
04 05 19 16-0156		Strap Partition Top Anchors <small>(04 05 19 16)</small>	
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.34
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.35
04 05 19 16-0159		Rigid Partition Anchors <small>(04 05 19 16)</small>	
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>	
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.04
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.16
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.32
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.46
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.59
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.73
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.60
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.03
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.48
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.92
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.36
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.80
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>	
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.92
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.03
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.13
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.24
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.35
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

04 05 19 16-0180			Screw-On Masonry Veneer Anchor Plates <small>(04 05 19 16)</small>		
04 05 19 16-0181	EA		12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	1.32	
04 05 19 16-0182	EA		14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	1.37	

04 05 19 16-0183			Wire Column Ties <small>(04 05 19 16)</small>		
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04 05 19 16-0184			Hot-Dipped Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>		
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04 05 19 16-0185	EA		3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.52	
04 05 19 16-0186	EA		5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.59	
04 05 19 16-0187	EA		7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.65	
04 05 19 16-0188	EA		9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.72	
04 05 19 16-0189	EA		10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.58	
04 05 19 16-0190	EA		12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.65	
04 05 19 16-0191	EA		14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.69	
04 05 19 16-0192	EA		16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.74	
04 05 19 16-0193	EA		3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.90	
04 05 19 16-0194	EA		5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.03	
04 05 19 16-0195	EA		7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.11	
04 05 19 16-0196	EA		9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.23	
04 05 19 16-0197	EA		10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.03	
04 05 19 16-0198	EA		12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.11	
04 05 19 16-0199	EA		14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.19	
04 05 19 16-0200	EA		16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.27	

04 05 19 16-0201			Mill Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>		
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04 05 19 16-0202	EA		3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.39	
04 05 19 16-0203	EA		5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.43	
04 05 19 16-0204	EA		7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.46	
04 05 19 16-0205	EA		9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.51	
04 05 19 16-0206	EA		10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.41	
04 05 19 16-0207	EA		12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.45	
04 05 19 16-0208	EA		14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.48	
04 05 19 16-0209	EA		16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.52	
04 05 19 16-0210	EA		3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.67	
04 05 19 16-0211	EA		5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.76	
04 05 19 16-0212	EA		7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.79	
04 05 19 16-0213	EA		9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.88	
04 05 19 16-0214	EA		10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.64	
04 05 19 16-0215	EA		12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.77	
04 05 19 16-0216	EA		14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.83	
04 05 19 16-0217	EA		16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.88	

04 05 19 16-0218			Dovetail Anchors, Slots And Ties <small>(04 05 19 16)</small>		
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04 05 19 16-0219			Dovetail Anchor Slots <small>(04 05 19 16-0218)</small>		
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04 05 19 16-0220			Hot-Dipped Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
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04 05 19 16-0221	LF		24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.25	
04 05 19 16-0222	LF		22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.47	
04 05 19 16-0223	LF		20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.60	
04 05 19 16-0224	LF		18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.66	
04 05 19 16-0225	LF		16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.80	

04 05 19 16-0226			Mill Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
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04 05 19 16-0227	LF		24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.82	
04 05 19 16-0228	LF		22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.09	
04 05 19 16-0229	LF		20 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.16	
04 05 19 16-0230	LF		18 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.25	
04 05 19 16-0231	LF		16 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.31	

04 05 19 16-0232			304 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
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04 05 19 16-0233	LF		24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.55	
04 05 19 16-0234	LF		22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.91	
04 05 19 16-0235	LF		20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.03	
04 05 19 16-0236	LF		18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.43	
04 05 19 16-0237	LF		16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.82	

04 05 19 16-0238			316 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
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04 05 19 16-0239	LF		24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.83	
04 05 19 16-0240	LF		22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.10	
04 05 19 16-0241	LF		20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.37	
04 05 19 16-0242	LF		18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.71	
04 05 19 16-0243	LF		16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.92	

04 05 19 16-0244			Dovetail Corrugated Brick Ties <small>(04 05 19 16-0218)</small>		
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04 05 19 16-0245			Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie <small>(04 05 19 16-0244)</small>		
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04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.19
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.26
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.33
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.20
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.33
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.43
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.24
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.33
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.42
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)	
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.12
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.17
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.21
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.16
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.25
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.32
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.17
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.28
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.35
04 05 19 16-0265		Dovetail Stone Anchors (04 05 19 16-0218)	
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors (04 05 19 16-0265)	
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.33
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.41
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.48
04 05 19 16-0270		Dovetail Partition Top Anchors (04 05 19 16-0218)	
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	2.49
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	5.76
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties (04 05 19 16-0218)	
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)	
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.90
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.99
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.05
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.12
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)	
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.77
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.78
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.82
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.92
04 05 19 26		Masonry Reinforcing Bars (04 05 19)	
		Note: Includes cutting and bending.	
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar (04 05 19 26)	
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.80
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.30
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.81
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.36
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.81
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.32
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.84
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.40
04 05 19 26-0010	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	0.96
04 05 19 26-0011	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.53
04 05 19 26-0012	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.15
04 05 19 26-0013	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.76
04 05 19 26-0014	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	0.97
04 05 19 26-0015	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.55
04 05 19 26-0016	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.18
04 05 19 26-0017	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.80
04 05 19 26-0018		Galvanized Steel Masonry Reinforcement Bar (04 05 19 26)	
04 05 19 26-0019	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.90
04 05 19 26-0020	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.48
04 05 19 26-0021	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.09
04 05 19 26-0022	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.77
04 05 19 26-0023	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.91
04 05 19 26-0024	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.49
04 05 19 26-0025	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.12
04 05 19 26-0026	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.80
04 05 19 26-0027	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.06
04 05 19 26-0028	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.71

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 19 26-0029	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.43	
04 05 19 26-0030	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.17	
04 05 19 26-0031	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.07	
04 05 19 26-0032	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.72	
04 05 19 26-0033	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.46	
04 05 19 26-0034	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.20	

04 05 19 26-0035 Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0036	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.89	
04 05 19 26-0037	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.46	
04 05 19 26-0038	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.06	
04 05 19 26-0039	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.72	
04 05 19 26-0040	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.90	
04 05 19 26-0041	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.48	
04 05 19 26-0042	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.09	
04 05 19 26-0043	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.76	
04 05 19 26-0044	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.05	
04 05 19 26-0045	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.69	
04 05 19 26-0046	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.40	
04 05 19 26-0047	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.12	
04 05 19 26-0048	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.06	
04 05 19 26-0049	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.71	
04 05 19 26-0050	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.43	
04 05 19 26-0051	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.16	

04 05 23 Masonry Accessories (04 05)
04 05 23 13 Masonry Control And Expansion Joints (04 05 23)
04 05 23 13-0001 Masonry Control Joints (04 05 23 13)
04 05 23 13-0002 Rubber, Masonry Control Joints (04 05 23 13-0001)

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint.....	4.28	0.94
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint.....	4.19	0.94
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint.....	8.13	0.94

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.03	0.94
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.10	0.94
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.91	0.94
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	4.36	0.94
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	4.20	0.94

04 05 23 16 Masonry Embedded Flashing (04 05 23)
04 05 23 16-0001 Lead Coated Copper Through Wall Flashing (04 05 23 16)
04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.11	1.62
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.80	1.62
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	9.71	1.62
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	11.39	1.62

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.78	1.62
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	8.40	1.62
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	10.60	1.62
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	12.62	1.62

04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.27	1.62
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	8.13	1.62
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	9.36	1.62
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	11.94	1.62

04 05 23 16-0017 Copper Through Wall Flashing (04 05 23 16)
04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)

04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing.....	6.08	1.51
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing.....	6.59	1.51
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing.....	7.99	1.51
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing.....	9.22	1.51
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing.....	9.74	1.51

04 05 23 16-0024 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)

04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing.....	6.58	1.51
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04 Masonry**04 05 Common Work Results For Masonry****04 05 23 Masonry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.03	1.51
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.64	1.51
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.12	1.51
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.99	1.51
04 05 23 16-0030		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.14	1.51
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.65	1.51
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.04	1.51
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.27	1.51
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.79	1.51
04 05 23 16-0036		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.20	1.51
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.82	1.51
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.73	1.51
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.62	1.51
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.44	1.51
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.27	1.51
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.13	1.51
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0017)		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	7.19	1.51
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	8.86	1.51
04 05 23 16-0048		Stainless Steel Through Wall Flashing (04 05 23 16)		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0048)		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.81	1.51
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)		
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.77	1.62
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.93	1.62
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.11	1.62
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.71	1.62
04 05 23 19		Masonry Cavity Drainage, Weepholes, And Vents (04 05 23)		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)		
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	55.49	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	68.58	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	85.97	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	66.84	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	82.22	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	103.39	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	78.32	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	105.14	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	127.44	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	104.38	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	135.54	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	165.51	

04 20 Unit Masonry (04)

Note: Includes pointing and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry (04 20)**04 21 13 Brick Masonry (04 21)**

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry (04 21 13)

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond	22.79	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		

		For Buff Or Gray, Add	0.81	
		For Common Or American Bond, Add	0.72	
		For English Bond, Add	1.44	
		For Flemish Bond, Add	2.93	
		For Stacked Bond, Add	2.04	
		For <10, Small Area Replacements (Individual Areas), Add	27.17	
		For Curved Wall, Add	3.59	
		For Corbels, Add	13.46	
		For Severe Weather (SW) Brick, Add	0.73	
		For Glazed Brick, Add	16.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0003 SF Engineer Standard Size Red Brick, Running Bond.....23.53 Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF) For Buff Or Gray, Add 1.00 For Common Or American Bond, Add 0.70 For English Bond, Add 1.40 For Flemish Bond, Add 2.93 For Stacked Bond, Add 2.05 For <10, Small Area Replacements (Individual Areas), Add 26.60 For Curved Wall, Add 3.51 For Corbels, Add 13.15 For Severe Weather (SW) Brick, Add 0.90 For Glazed Brick, Add 21.00		
04 21 13 00-0004 SF Modular Size Red Brick, Running Bond.....22.79 Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF) For Buff Or Gray, Add 0.81 For Common Or American Bond, Add 0.72 For English Bond, Add 1.44 For Flemish Bond, Add 2.93 For Stacked Bond, Add 2.04 For <10, Small Area Replacements (Individual Areas), Add 27.17 For Curved Wall, Add 3.59 For Corbels, Add 13.46 For Severe Weather (SW) Brick, Add 0.73 For Glazed Brick, Add 16.94		
04 21 13 00-0005 SF Engineer Modular Size Red Brick, Running Bond .....23.53 Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF) For Buff Or Gray, Add 1.00 For Common Or American Bond, Add 0.70 For English Bond, Add 1.40 For Flemish Bond, Add 2.93 For Stacked Bond, Add 2.05 For <10, Small Area Replacements (Individual Areas), Add 26.60 For Curved Wall, Add 3.51 For Corbels, Add 13.15 For Severe Weather (SW) Brick, Add 0.90 For Glazed Brick, Add 21.00		
04 21 13 00-0006 SF Economy Size Red Brick, Running Bond.....23.37 Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF) For Buff Or Gray, Add 0.97 For Common Or American Bond, Add 0.70 For English Bond, Add 1.40 For Flemish Bond, Add 2.92 For Stacked Bond, Add 2.05 For <10, Small Area Replacements (Individual Areas), Add 26.59 For Curved Wall, Add 3.51 For Corbels, Add 13.15 For Severe Weather (SW) Brick, Add 0.88 For Glazed Brick, Add 20.44		
04 21 13 00-0007 SF Utility Size Red Brick, Running Bond.....17.24 Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF) For Buff Or Gray, Add 0.83 For Common Or American Bond, Add 0.49 For English Bond, Add 0.98 For Flemish Bond, Add 2.09 For Stacked Bond, Add 1.47 For <10, Small Area Replacements (Individual Areas), Add 18.61 For Curved Wall, Add 2.45 For Corbels, Add 9.18 For Severe Weather (SW) Brick, Add 0.75 For Glazed Brick, Add 17.50		
04 21 13 00-0008 SF Double Utility Size Red Brick, Running Bond.....15.74 Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF) For Buff Or Gray, Add 0.58 For Common Or American Bond, Add 0.49 For English Bond, Add 0.98 For Flemish Bond, Add 2.01 For Stacked Bond, Add 1.40 For <10, Small Area Replacements (Individual Areas), Add 18.54 For Curved Wall, Add 2.45 For Corbels, Add 9.18 For Severe Weather (SW) Brick, Add 0.53 For Glazed Brick, Add 12.25		
04 21 13 00-0009 SF Norman Size Red Brick, Running Bond.....23.83 Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF) For Buff Or Gray, Add 1.05 For Common Or American Bond, Add 0.70 For English Bond, Add 1.40 For Flemish Bond, Add 2.94 For Stacked Bond, Add 2.07 For <10, Small Area Replacements (Individual Areas), Add 26.61 For Curved Wall, Add 3.51 For Corbels, Add 13.15 For Severe Weather (SW) Brick, Add 0.95 For Glazed Brick, Add 22.05		

04 Masonry
04 20 Unit Masonry
04 21 Clay Unit Masonry

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 21 13 00-0010	SF Roman Size Red Brick, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	25.15	
	For Buff Or Gray, Add	1.27	
	For Common Or American Bond, Add	0.70	
	For English Bond, Add	1.40	
	For Flemish Bond, Add	3.01	
	For Stacked Bond, Add	2.13	
	For <10, Small Area Replacements (Individual Areas), Add	26.68	
	For Curved Wall, Add	3.51	
	For Corbels, Add	13.15	
	For Severe Weather (SW) Brick, Add	1.14	
	For Glazed Brick, Add	26.67	
04 21 13 00-0011	Fire Brick ^(04 21 13)		
04 21 13 00-0012	SF Running Bond, Red Fire Brick.....	26.48	
	For Buff Or Gray, Add	1.49	
	For Common Or American Bond, Add	0.70	
	For English Bond, Add	1.40	
	For Flemish Bond, Add	3.08	
	For Stacked Bond, Add	2.20	
	For <10, Small Area Replacements (Individual Areas), Add	26.74	
04 21 13 00-0013	Window Sill ^(04 21 13)		
04 21 13 00-0014	LF Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	20.16	
	For Buff Or Gray, Add	0.16	
04 21 13 00-0015	LF Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	20.28	
	For Buff Or Gray, Add	0.18	
04 21 13 00-0016	LF Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	20.16	
	For Buff Or Gray, Add	0.16	
04 21 13 00-0017	LF Engineer Modular Size Red Brick, Window Sill..... Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	20.35	
	For Buff Or Gray, Add	0.19	
04 21 13 00-0018	LF Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	20.85	
	For Buff Or Gray, Add	0.28	
04 21 13 00-0019	LF Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	20.96	
	For Buff Or Gray, Add	0.29	
04 21 13 00-0020	LF Double Utility Size Red Brick, Window Sill..... Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	20.96	
	For Buff Or Gray, Add	0.29	
04 21 13 00-0021	LF Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	20.42	
	For Buff Or Gray, Add	0.20	
04 21 13 00-0022	LF Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	20.47	
	For Buff Or Gray, Add	0.21	
04 21 26	Glazed Structural Clay Tile Masonry ^(04 21)		
	Note: Includes tile and mortar in all colors.		
04 21 26 00-0001	6T Series Structural Glazed Clay Tile ^(04 21 26)		
04 21 26 00-0002	Glazed On One Side 6T Series Structural Glazed Clay Tile ^(04 21 26 00-0001)		
04 21 26 00-0003	SF 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	29.68	
	For Stacked Bond, Add	1.92	
04 21 26 00-0004	SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	33.35	
	For Stacked Bond, Add	1.92	
04 21 26 00-0005	SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	40.86	
	For Stacked Bond, Add	2.00	
04 21 26 00-0006	Special Shapes 6T Series Structural Glazed Clay Tile ^(04 21 26 00-0001)		
04 21 26 00-0007	LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile.....	30.97	
	For Stacked Bond, Add	2.26	
04 21 26 00-0008	LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile.....	37.08	
	For Stacked Bond, Add	2.26	
04 21 26 00-0009	8W Series Structural Glazed Clay Tile ^(04 21 26)		
04 21 26 00-0010	Glazed On One Side 8W Series Structural Glazed Clay Tile ^(04 21 26 00-0009)		
04 21 26 00-0011	SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	23.40	
	For Stacked Bond, Add	1.22	
04 21 26 00-0012	SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	29.20	
	For Stacked Bond, Add	1.31	
04 21 26 00-0013	SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	40.49	
	For Stacked Bond, Add	1.39	
04 21 26 00-0014	Special Shapes 8W Series Structural Glazed Clay Tile ^(04 21 26 00-0009)		
04 21 26 00-0015	LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile.....	32.05	
	For Stacked Bond, Add	1.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 21 26 00-0016	LF		2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	32.00 1.57	
04 21 26 00-0017			4W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0018			Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0019	SF		2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	31.06 1.92	
04 21 26 00-0020	SF		4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	32.89 1.92	
04 21 26 00-0021	SF		6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	41.09 2.00	
04 21 26 00-0022			Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0023	LF		Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	32.09 2.26	
04 21 26 00-0024	LF		2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	36.98 2.26	
04 21 26 00-0025			6T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0026	SF		4" Thick, 6T Sound Absorbing Structural Glazed Tile.....	47.19	
04 21 26 00-0027	SF		6" Thick, 6T Sound Absorbing Structural Glazed Tile.....	51.58	
04 21 26 00-0028	SF		8" Thick, 6T Sound Absorbing Structural Glazed Tile.....	60.03	
04 21 26 00-0029			8T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0030	SF		4" Thick, 8T Sound Absorbing Structural Glazed Tile.....	64.29	
04 21 26 00-0031	SF		6" Thick, 8T Sound Absorbing Structural Glazed Tile.....	74.25	
04 21 26 00-0032	SF		8" Thick, 8T Acoustical Glazed Tile.....	87.00	

04 22 Concrete Unit Masonry (04 20)

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry (04 22)

04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)

04 22 23 13-0001			Concrete Blocks (04 22 23 13)		
04 22 23 13-0002			Lightweight Concrete Blocks (04 22 23 13-0001)		
04 22 23 13-0003			Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)		
04 22 23 13-0004	SF		4" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	11.02 2.41 0.35 1.85 14.01	
04 22 23 13-0005	SF		6" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	12.26 2.61 0.45 2.00 15.20	
04 22 23 13-0006	SF		8" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	13.27 2.80 0.50 2.15 16.31	
04 22 23 13-0007	SF		10" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	14.62 2.93 0.67 2.25 17.13	
04 22 23 13-0008	SF		12" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.34 3.57 0.72 2.74 20.85	
04 22 23 13-0009			Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)		
04 22 23 13-0010	SF		4" x 8" x 16", Solid, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	11.85 2.47 0.47 1.90 14.41	
04 22 23 13-0011	SF		6" x 8" x 16", Solid, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	13.00 2.72 0.51 2.09 15.87	
04 22 23 13-0012	SF		8" x 8" x 16", Solid, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	13.72 2.88 0.53 2.22 16.82	

04	Masonry
04 20	Unit Masonry
04 22	Concrete Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0013	SF		10" x 8" x 16", Solid, Lightweight, Concrete Block	15.25	
			For Stacked Bond, Add	3.02	
			For Scored Block, Add	0.73	
			For Curved Wall Application, Add	2.32	
			For <10, Small Area Replacements (Individual Areas), Add	17.67	
04 22 23 13-0014	SF		12" x 8" x 16", Solid, Lightweight, Concrete Block	18.07	
			For Stacked Bond, Add	3.68	
			For Scored Block, Add	0.78	
			For Curved Wall Application, Add	2.83	
			For <10, Small Area Replacements (Individual Areas), Add	21.55	
04 22 23 13-0015			Normal Weight Concrete Blocks (04 22 23 13-0015)		
04 22 23 13-0016			Cored, Normal Weight, Concrete Blocks (04 22 23 13-0016)		
04 22 23 13-0017	SF		4" x 8" x 16", Cored, Normal Weight, Concrete Block	11.26	
			For Stacked Bond, Add	2.47	
			For Scored Block, Add	0.35	
			For Curved Wall Application, Add	1.90	
			For <10, Small Area Replacements (Individual Areas), Add	14.37	
04 22 23 13-0018	SF		6" x 8" x 16", Cored, Normal Weight, Concrete Block	12.47	
			For Stacked Bond, Add	2.72	
			For Scored Block, Add	0.40	
			For Curved Wall Application, Add	2.09	
			For <10, Small Area Replacements (Individual Areas), Add	15.83	
04 22 23 13-0019	SF		8" x 8" x 16", Cored, Normal Weight, Concrete Block	13.41	
			For Stacked Bond, Add	2.88	
			For Scored Block, Add	0.47	
			For Curved Wall Application, Add	2.22	
			For <10, Small Area Replacements (Individual Areas), Add	16.79	
04 22 23 13-0020	SF		10" x 8" x 16", Cored, Normal Weight, Concrete Block	16.09	
			For Stacked Bond, Add	3.02	
			For Scored Block, Add	0.90	
			For Curved Wall Application, Add	2.32	
			For <10, Small Area Replacements (Individual Areas), Add	17.74	
04 22 23 13-0021	SF		12" x 8" x 16", Cored, Normal Weight, Concrete Block	18.80	
			For Stacked Bond, Add	3.68	
			For Scored Block, Add	0.93	
			For Curved Wall Application, Add	2.83	
			For <10, Small Area Replacements (Individual Areas), Add	21.60	
04 22 23 13-0022			Solid, Normal Weight, Concrete Blocks (04 22 23 13-0015)		
04 22 23 13-0023	SF		4" x 8" x 16", Solid, Normal Weight, Concrete Block	11.99	
			For Stacked Bond, Add	2.54	
			For Scored Block, Add	0.45	
			For Curved Wall Application, Add	1.95	
			For <10, Small Area Replacements (Individual Areas), Add	14.79	
04 22 23 13-0024	SF		6" x 8" x 16", Solid, Normal Weight, Concrete Block	12.83	
			For Stacked Bond, Add	2.80	
			For Scored Block, Add	0.42	
			For Curved Wall Application, Add	2.15	
			For <10, Small Area Replacements (Individual Areas), Add	16.28	
04 22 23 13-0025	SF		8" x 8" x 16", Solid, Normal Weight, Concrete Block	13.83	
			For Stacked Bond, Add	2.97	
			For Scored Block, Add	0.48	
			For Curved Wall Application, Add	2.28	
			For <10, Small Area Replacements (Individual Areas), Add	17.31	
04 22 23 13-0026	SF		10" x 8" x 16", Solid, Normal Weight, Concrete Block	15.20	
			For Stacked Bond, Add	3.11	
			For Scored Block, Add	0.64	
			For Curved Wall Application, Add	2.40	
			For <10, Small Area Replacements (Individual Areas), Add	18.21	
04 22 23 13-0027	SF		12" x 8" x 16", Solid, Normal Weight, Concrete Block	18.03	
			For Stacked Bond, Add	3.81	
			For Scored Block, Add	0.67	
			For Curved Wall Application, Add	2.93	
			For <10, Small Area Replacements (Individual Areas), Add	22.24	
04 22 23 13-0028			Bond Beam Or Lintel Concrete Blocks (04 22 23 13)		
04 22 23 13-0029			Lightweight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
			Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0030	LF		6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	12.78	
			For Stacked Bond, Add	2.61	
			For Grout And Fill With 2 #5 Rebar, Add	7.77	
			For Scored Block, Add	0.55	
			For Curved Wall Application, Add	2.00	
04 22 23 13-0031	LF		8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	14.09	
			For Stacked Bond, Add	2.80	
			For Grout And Fill With 2 #5 Rebar, Add	8.72	
			For Scored Block, Add	0.67	
			For Curved Wall Application, Add	2.15	
04 22 23 13-0032	LF		12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	17.27	
			For Stacked Bond, Add	3.57	
			For Grout And Fill With 2 #5 Rebar, Add	10.41	
			For Scored Block, Add	0.71	
			For Curved Wall Application, Add	2.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 22 23 13-0033	Normal Weight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)	
	Note: Excludes concrete fill and reinforcing.	
04 22 23 13-0034	LF 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	12.82
	For Stacked Bond, Add	2.72
	For Grout And Fill With 2 #5 Rebar, Add	7.60
	For Scored Block, Add	0.47
	For Curved Wall Application, Add	2.09
04 22 23 13-0035	LF 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	14.03
	For Stacked Bond, Add	2.88
	For Grout And Fill With 2 #5 Rebar, Add	8.49
	For Scored Block, Add	0.59
	For Curved Wall Application, Add	2.22
04 22 23 13-0036	LF 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	17.33
	For Stacked Bond, Add	3.68
	For Grout And Fill With 2 #5 Rebar, Add	10.25
	For Scored Block, Add	0.63
	For Curved Wall Application, Add	2.83

04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)

04 22 23 23-0001	Ground Face Concrete Blocks (04 22 23 23)	
04 22 23 23-0002	SF 4" x 8" x 16", Ground Face, Concrete Block	14.43
	For Stacked Bond, Add	3.02
	For Scored Block, Add	0.57
	For Curved Wall Application, Add	2.32
	For <10, Small Area Replacements (Individual Areas), Add	17.61
04 22 23 23-0003	SF 6" x 8" x 16", Ground Face, Concrete Block	16.29
	For Stacked Bond, Add	3.40
	For Scored Block, Add	0.65
	For Curved Wall Application, Add	2.61
	For <10, Small Area Replacements (Individual Areas), Add	19.83
04 22 23 23-0004	SF 8" x 8" x 16", Ground Face, Concrete Block	17.61
	For Stacked Bond, Add	3.59
	For Scored Block, Add	0.76
	For Curved Wall Application, Add	2.76
	For <10, Small Area Replacements (Individual Areas), Add	20.99
04 22 23 23-0005	SF 10" x 8" x 16", Ground Face, Concrete Block	18.83
	For Stacked Bond, Add	3.80
	For Scored Block, Add	0.84
	For Curved Wall Application, Add	2.92
	For <10, Small Area Replacements (Individual Areas), Add	22.25
04 22 23 23-0006	SF 12" x 8" x 16", Ground Face, Concrete Block	22.31
	For Stacked Bond, Add	4.60
	For Scored Block, Add	0.92
	For Curved Wall Application, Add	3.54
	For <10, Small Area Replacements (Individual Areas), Add	26.91

04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)

04 22 23 26-0001	Slotted, Acoustical Concrete Block (04 22 23 26)	
04 22 23 26-0002	SF 4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	19.42
	For Stacked Bond, Add	3.02
	For Curved Wall Application, Add	2.32
	For <10, Small Area Replacements (Individual Areas), Add	17.99
04 22 23 26-0003	SF 6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	21.78
	For Stacked Bond, Add	3.28
	For Curved Wall Application, Add	2.52
	For <10, Small Area Replacements (Individual Areas), Add	19.60
04 22 23 26-0004	SF 8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	25.10
	For Stacked Bond, Add	3.59
	For Curved Wall Application, Add	2.76
	For <10, Small Area Replacements (Individual Areas), Add	21.55

04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)

04 22 23 29-0001	Split Face, Concrete Blocks (04 22 23 29)	
04 22 23 29-0002	Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)	
04 22 23 29-0003	SF 4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	14.77
	For Stacked Bond, Add	3.02
	For Curved Wall Application, Add	2.32
	For <10, Small Area Replacements (Individual Areas), Add	17.64
04 22 23 29-0004	SF 6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.68
	For Stacked Bond, Add	3.40
	For Curved Wall Application, Add	2.61
	For <10, Small Area Replacements (Individual Areas), Add	19.86
04 22 23 29-0005	SF 8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.06
	For Stacked Bond, Add	3.59
	For Curved Wall Application, Add	2.76
	For <10, Small Area Replacements (Individual Areas), Add	21.02
04 22 23 29-0006	SF 10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	19.36
	For Stacked Bond, Add	3.80
	For Curved Wall Application, Add	2.92
	For <10, Small Area Replacements (Individual Areas), Add	22.29

04	Masonry
04 20	Unit Masonry
04 22	Concrete Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0007	SF		12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	22.28	
			For Stacked Bond, Add	4.60	
			For Curved Wall Application, Add	3.54	
			For <10, Small Area Replacements (Individual Areas), Add	26.91	
04 22 23 29-0008			Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks (04 22 23 29-0001)		
04 22 23 29-0009	SF		4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	15.56	
			For Stacked Bond, Add	3.02	
			For Grout And Fill With 2 #5 Rebar, Add	9.76	
			For Curved Wall Application, Add	2.32	
			For <10, Small Area Replacements (Individual Areas), Add	17.70	
04 22 23 29-0010	SF		6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.58	
			For Stacked Bond, Add	3.40	
			For Grout And Fill With 2 #5 Rebar, Add	11.05	
			For Curved Wall Application, Add	2.61	
			For <10, Small Area Replacements (Individual Areas), Add	19.93	
04 22 23 29-0011	SF		8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.13	
			For Stacked Bond, Add	3.59	
			For Grout And Fill With 2 #5 Rebar, Add	12.23	
			For Curved Wall Application, Add	2.76	
			For <10, Small Area Replacements (Individual Areas), Add	21.10	
04 22 23 29-0012	SF		10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	20.54	
			For Stacked Bond, Add	3.80	
			For Grout And Fill With 2 #5 Rebar, Add	13.23	
			For Curved Wall Application, Add	2.92	
			For <10, Small Area Replacements (Individual Areas), Add	22.37	
04 22 23 29-0013	SF		12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	23.42	
			For Stacked Bond, Add	4.60	
			For Grout And Fill With 2 #5 Rebar, Add	14.57	
			For Curved Wall Application, Add	3.54	
			For <10, Small Area Replacements (Individual Areas), Add	26.99	
04 22 23 29-0014			Split Rib, Concrete Block (04 22 23 29)		
04 22 23 29-0015			Split Rib, Concrete Block (04 22 23 29-0014)		
04 22 23 29-0016	SF		4" x 8" x 16", Split Rib, Concrete Block	14.52	
			For Stacked Bond, Add	3.02	
			For Curved Wall Application, Add	2.32	
			For <10, Small Area Replacements (Individual Areas), Add	17.62	
04 22 23 29-0017	SF		6" x 8" x 16", Split Rib, Concrete Block	17.27	
			For Stacked Bond, Add	3.40	
			For Curved Wall Application, Add	2.61	
			For <10, Small Area Replacements (Individual Areas), Add	19.91	
04 22 23 29-0018	SF		8" x 8" x 16", Split Rib, Concrete Block	18.37	
			For Stacked Bond, Add	3.59	
			For Curved Wall Application, Add	2.76	
			For <10, Small Area Replacements (Individual Areas), Add	21.04	
04 22 23 29-0019	SF		10" x 8" x 16", Split Rib, Concrete Block	19.61	
			For Stacked Bond, Add	3.80	
			For Curved Wall Application, Add	2.92	
			For <10, Small Area Replacements (Individual Areas), Add	22.30	
04 22 23 29-0020	SF		12" x 8" x 16", Split Rib, Concrete Block	23.18	
			For Stacked Bond, Add	4.60	
			For Curved Wall Application, Add	3.54	
			For <10, Small Area Replacements (Individual Areas), Add	26.98	
04 22 23 31			Glazed Concrete Masonry Unit (04 22 23)		
04 22 23 31-0001			One Glazed Face, Concrete Blocks (04 22 23 31)		
04 22 23 31-0002			One Glazed Face, Concrete Blocks (04 22 23 31-0001)		
04 22 23 31-0003	SF		4" x 8" x 16", One Glazed Face, Concrete Block	25.27	
			For Stacked Bond, Add	2.93	
			For Curved Wall Application, Add	2.25	
			For <10, Small Area Replacements (Individual Areas), Add	17.93	
04 22 23 31-0004	SF		6" x 8" x 16", One Glazed Face, Concrete Block	27.07	
			For Stacked Bond, Add	3.22	
			For Curved Wall Application, Add	2.48	
			For <10, Small Area Replacements (Individual Areas), Add	19.69	
04 22 23 31-0005	SF		8" x 8" x 16", One Glazed Face, Concrete Block	28.66	
			For Stacked Bond, Add	3.40	
			For Curved Wall Application, Add	2.61	
			For <10, Small Area Replacements (Individual Areas), Add	20.76	
04 22 23 31-0006	SF		10" x 8" x 16", One Glazed Face, Concrete Block	30.36	
			For Stacked Bond, Add	3.59	
			For Curved Wall Application, Add	2.76	
			For <10, Small Area Replacements (Individual Areas), Add	21.94	
04 22 23 31-0007	SF		12" x 8" x 16", One Glazed Face, Concrete Block	34.04	
			For Stacked Bond, Add	4.33	
			For Curved Wall Application, Add	3.33	
			For <10, Small Area Replacements (Individual Areas), Add	26.31	
04 22 23 31-0008			Two Glazed Faces, Concrete Blocks (04 22 23 31)		
04 22 23 31-0009			Two Glazed Faces, Concrete Blocks (04 22 23 31-0008)		

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 22 23 31-0010	SF 4" x 8" x 16", Two Glazed Faces, Concrete Block	33.65	
	For Stacked Bond, Add	3.34	
	For Curved Wall Application, Add	2.57	
	For <10, Small Area Replacements (Individual Areas), Add	20.81	
04 22 23 31-0011	SF 6" x 8" x 16", Two Glazed Faces, Concrete Block	35.31	
	For Stacked Bond, Add	3.59	
	For Curved Wall Application, Add	2.76	
	For <10, Small Area Replacements (Individual Areas), Add	22.31	
04 22 23 31-0012	SF 8" x 8" x 16", Two Glazed Faces, Concrete Block	37.67	
	For Stacked Bond, Add	3.96	
	For Curved Wall Application, Add	3.05	
	For <10, Small Area Replacements (Individual Areas), Add	24.54	

04 23 Glass Unit Masonry (04 20)

04 23 13 Vertical Glass Unit Masonry (04 23)

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry (04 23 13)

04 23 13 00-0002	SF 6" x 6" x 4" Plain Glass Block.....	53.62	
	For Solar Reflective (Suntrol) Blocks, Add	8.41	
	For Essex (Horizontal Striated) Blocks, Add	4.80	
	For Sculptured Or Patterned Blocks, Add	8.41	
	For Colored Glass, Add	24.02	
	For Thinline Block, Deduct	-6.01	
	For >1,000 To 5,000, Deduct	-4.15	
	For >5,000, Deduct	-6.83	
04 23 13 00-0003	SF 8" x 8" x 4" Plain Glass Block.....	38.76	
	For Solar Reflective (Suntrol) Blocks, Add	5.95	
	For Essex (Horizontal Striated) Blocks, Add	3.40	
	For Sculptured Or Patterned Blocks, Add	5.95	
	For Colored Glass, Add	17.00	
	For Thinline Block, Deduct	-4.25	
	For >1,000 To 5,000, Deduct	-3.02	
	For >5,000, Deduct	-4.95	
04 23 13 00-0004	SF 12" x 12" x 4" Plain Glass Block.....	41.75	
	For Solar Reflective (Suntrol) Blocks, Add	7.61	
	For Essex (Horizontal Striated) Blocks, Add	4.35	
	For Sculptured Or Patterned Blocks, Add	7.61	
	For Colored Glass, Add	21.73	
	For Thinline Block, Deduct	-5.43	
	For >1,000 To 5,000, Deduct	-3.08	
	For >5,000, Deduct	-5.17	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) (04 23 13)

04 23 13 00-0006	SF 3" x 8" x 3" Solid Glass Block (Vistabrik®).....	432.60	
04 23 13 00-0007	SF 4" x 8" x 3" Solid Glass Block (Vistabrik®).....	330.44	
04 23 13 00-0008	SF 6" x 8" x 3" Solid Glass Block (Vistabrik®).....	229.49	
04 23 13 00-0009	SF 8" x 8" x 3" Solid Glass Block (Vistabrik®).....	161.15	

04 40 Stone Assemblies (04)

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone (04 40)

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)

04 41 00 00-0002	SF 4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	36.72	7.22
04 41 00 00-0003	SF 6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	37.69	7.22

04 42 Exterior Stone Cladding (04 40)

04 42 43 Stone Panels For Curtain Walls (04 42)

04 42 43 00-0001 Marble Facing Panels (04 42 43)

Note: 3' x 1.5'			
04 42 43 00-0002	SF 3/4" Thick Marble Facing Panels.....	56.52	14.97
04 42 43 00-0003	SF 7/8" Thick Marble Facing Panels.....	59.43	15.17
04 42 43 00-0004	SF 1-1/2" Thick Marble Facing Panels.....	67.92	15.45
04 42 43 00-0005	SF 2" Thick Marble Facing Panels.....	74.26	15.93
04 42 43 00-0006	SF 2-1/4" Thick Marble Facing Panels.....	79.11	16.91
04 42 43 00-0007	CF Marble Face Panel.....	327.56	55.06

04 42 43 00-0008 Smooth Limestone Panels (04 42 43)

Note: Up to 12' x 5' panels.			
04 42 43 00-0009	SF 1-1/2" Thick Smooth Limestone Panels.....	52.53	30.04
04 42 43 00-0010	SF 2" Thick Smooth Limestone Panels.....	55.72	31.49
04 42 43 00-0011	SF 3" Thick Smooth Limestone Panels.....	59.08	32.94
04 42 43 00-0012	SF 4" Thick Smooth Limestone Panels.....	68.54	36.22

04 42 43 00-0013 Sandstone Panels (04 42 43)

04 42 43 00-0014	SF 2-1/2" Thick Sandstone Panels.....	60.34	31.49
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04 Masonry**04 40 Stone Assemblies****04 42 Exterior Stone Cladding**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 42 43 00-0015	SF	4" Thick Sandstone Panels.....	66.19	36.22
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes.....	60.70	36.22

04 43 Stone Masonry (04 40)**04 43 16 Stone Fabrications** (04 43)**04 43 16 00-0001 Marble** (04 43 16)**04 43 16 00-0002 Marble Base** (04 43 16 00-0001)

Note: 1" thick.

04 43 16 00-0003	LF	4" High Marble Base.....	95.74	62.95
04 43 16 00-0004	LF	6" High Marble Base.....	107.74	68.58

04 43 16 00-0005 Marble Columns (04 43 16 00-0001)

04 43 16 00-0006	CF	Plain Faced Solid Marble Columns.....	232.16	55.06
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns.....	372.33	55.06

04 43 16 00-0008 Marble Flooring (04 43 16 00-0001)

04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring.....	25.86	14.42
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring.....	27.41	14.42
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring.....	32.62	16.47

04 43 16 00-0012 Marble Items (04 43 16 00-0001)

04 43 16 00-0013	LF	12" Wide Marble Stair Treads.....	64.00	22.80
04 43 16 00-0014	LF	6" Wide Marble Stair Risers.....	49.01	18.28
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills.....	30.10	13.48
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished.....	55.51	16.55
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks.....	35.04	20.90

04 43 16 00-0018 Limestone (04 43 16)**04 43 16 00-0019 Ashlar Veneer Limestone** (04 43 16 00-0018)

04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes.....	55.07	22.80
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes.....	83.56	31.33

04 43 16 00-0022 Limestone Items (04 43 16 00-0018)

04 43 16 00-0023	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	167.86	76.77
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04 43 16 00-0024 Limestone Coping (04 43 16 00-0018)

Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.

04 43 16 00-0025	SF	2-1/2" Thick Limestone Coping.....	26.03	7.73
04 43 16 00-0026	SF	3" Thick Limestone Coping.....	29.12	8.21
04 43 16 00-0027	SF	3-1/2" Thick Limestone Coping.....	32.21	8.69
04 43 16 00-0028	SF	4" Thick Limestone Coping.....	34.32	8.98
04 43 16 00-0029	SF	5" Thick Limestone Coping.....	39.52	9.17
04 43 16 00-0030	SF	6" Thick Limestone Coping.....	57.17	9.66
04 43 16 00-0031	CF	>6" Thick Limestone Coping.....	95.41	20.47

04 43 16 00-0032 Limestone Stair Treads (04 43 16 00-0018)

04 43 16 00-0033	SF	2" Thick Limestone Treads.....	31.27	7.24
04 43 16 00-0034	SF	2-1/2" Thick Limestone Treads.....	33.24	7.73
04 43 16 00-0035	SF	3" Thick Limestone Treads.....	37.19	8.21
04 43 16 00-0036	SF	3-1/2" Thick Limestone Treads.....	40.16	8.69
04 43 16 00-0037	SF	4" Thick Limestone Treads.....	43.13	8.69
04 43 16 00-0038	SF	5" Thick Limestone Treads.....	47.15	9.17
04 43 16 00-0039	SF	6" Thick Limestone Tread, Smooth Finish.....	64.94	9.66

04 43 16 00-0040 Granite (04 43 16)**04 43 16 00-0041 Polished Granite Veneer Facing Panels** (04 43 16 00-0040)

Note: Excludes structural support steel.

04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels.....	89.84	30.24
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels.....	82.00	30.24

04 43 16 00-0044 Granite Stair Treads (04 43 16 00-0040)

04 43 16 00-0045	SF	2" Thick Granite Stair Tread.....	52.49	7.24
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04 43 16 00-0046 Slate (04 43 16)**04 43 16 00-0047 Slate Panels Or Sills** (04 43 16 00-0046)

04 43 16 00-0048	SF	1" Thick Slate Panels.....	54.21	30.24
04 43 16 00-0049	SF	2" Thick Slate Panels.....	63.23	30.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 43 16 00-0050	Slate Sills Or Stools (04 43 16 00-0046)		
04 43 16 00-0051	LF 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	25.46	13.57
04 43 16 00-0052	LF 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	31.20	13.57
04 43 16 00-0053	LF 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	30.38	13.57
04 43 16 00-0054	LF 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	42.69	13.57
04 43 16 00-0055	Slate Stair Treads (04 43 16 00-0046)		
04 43 16 00-0056	SF 2" Thick Slate Stair Tread.....	36.85	7.24

04 70 Manufactured Masonry (04)

04 72 Cast Stone Masonry (04 70)

04 72 00 00-0001 Precast Concrete Lintels (04 72)

04 72 00 00-0002 Solid Precast Concrete Lintels (04 72 00 00-0001)

04 72 00 00-0003	LF 4" x 8", Solid Precast Concrete Lintel.....	13.32	
04 72 00 00-0004	LF 6" x 8", Solid Precast Concrete Lintel.....	16.36	
04 72 00 00-0005	LF 8" x 8", Solid Precast Concrete Lintel.....	19.81	

04 72 00 00-0006 U Shaped Precast Concrete Lintels (04 72 00 00-0001)

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF 6" x 8", U Shaped Precast Concrete Lintel.....	14.24	
04 72 00 00-0008	LF 8" x 8", U Shaped Precast Concrete Lintel.....	16.94	
04 72 00 00-0009	LF 12" x 8", U Shaped Precast Concrete Lintel.....	26.11	

04 72 00 00-0010 Precast Concrete Coping (04 72)

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.

04 72 00 00-0011 Precast Concrete Coping (04 72 00 00-0010)

Note: Measured at highest point.

04 72 00 00-0012	SF 2" Thick Precast Concrete Coping.....	46.46	11.09
04 72 00 00-0013	SF 2-1/2" Thick Precast Concrete Coping.....	52.09	11.94
04 72 00 00-0014	SF 3" Thick Precast Concrete Coping.....	60.02	12.79
04 72 00 00-0015	SF 3-1/2" Thick Precast Concrete Coping.....	64.39	13.65
04 72 00 00-0016	SF 4" Thick Precast Concrete Coping.....	68.81	14.50
04 72 00 00-0017	SF 5" Thick Precast Concrete Coping.....	81.52	15.35
04 72 00 00-0018	SF 6" Thick Precast Concrete Coping.....	92.72	16.21

04 72 00 00-0019 Precast Concrete Window Sills (04 72)

Note: Includes caulk and ties.

04 72 00 00-0020 Precast Concrete Window Sills (04 72 00 00-0019)

04 72 00 00-0021	LF 6" Wide Precast Concrete Window Sill.....	33.89	8.53
04 72 00 00-0022	LF 10" Wide Precast Concrete Window Sill.....	50.16	8.53
04 72 00 00-0023	LF 14" Wide Precast Concrete Window Sill.....	58.95	8.53

END OF SECTION 04

04	04	Masonry
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

05 05 Common Work Results For Metals ⁽⁰⁵⁾

05 05 19 Post-Installed Concrete Anchors ^(05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors ^(05 05 19)

05 05 19 00-0002 Expansion Anchors ^(05 05 19 00-0001)

Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors ^(05 05 19 00-0002)

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt ^(05 05 19 00-0003)

Note: Includes nut and washer.

05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.62	
	For >10 To 50, Deduct	-0.50	
	For >50 To 100, Deduct	-1.01	
	For >100, Deduct	-2.03	
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.72	
	For >10 To 50, Deduct	-0.50	
	For >50 To 100, Deduct	-1.02	
	For >100, Deduct	-2.03	
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.06	
	For >10 To 50, Deduct	-0.51	
	For >50 To 100, Deduct	-1.05	
	For >100, Deduct	-2.09	
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	13.05	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.24	
	For >100, Deduct	-2.48	
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	13.13	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.24	
	For >100, Deduct	-2.48	
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	13.15	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.24	
	For >100, Deduct	-2.48	
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	13.44	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.49	
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.91	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.77	
	For >100, Deduct	-3.54	
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.97	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.77	
	For >100, Deduct	-3.54	
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	19.09	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.77	
	For >100, Deduct	-3.55	
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	19.41	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.78	
	For >100, Deduct	-3.56	
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	19.85	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.79	
	For >100, Deduct	-3.58	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.61	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.21	
	For >100, Deduct	-4.43	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.71	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.22	
	For >100, Deduct	-4.43	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	24.92	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.22	
	For >100, Deduct	-4.44	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	25.31	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.23	
	For >100, Deduct	-4.46	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	25.71	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.24	
	For >100, Deduct	-4.48	
05 05 19 00-0022	EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.85	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.32	
	For >100, Deduct	-4.64	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.54	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.39	
		<i>For >100, Deduct</i>	-4.78	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	29.72	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.65	
		<i>For >100, Deduct</i>	-5.29	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	29.81	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.65	
		<i>For >100, Deduct</i>	-5.30	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	30.29	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.66	
		<i>For >100, Deduct</i>	-5.32	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	30.86	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.67	
		<i>For >100, Deduct</i>	-5.35	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.53	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.69	
		<i>For >100, Deduct</i>	-5.38	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	34.04	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.75	
		<i>For >100, Deduct</i>	-5.51	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	37.38	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.84	
		<i>For >100, Deduct</i>	-5.67	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	41.16	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.93	
		<i>For >100, Deduct</i>	-5.86	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	39.96	
		<i>For >10 To 50, Deduct</i>	-1.38	
		<i>For >50 To 100, Deduct</i>	-3.06	
		<i>For >100, Deduct</i>	-6.13	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	41.95	
		<i>For >10 To 50, Deduct</i>	-1.38	
		<i>For >50 To 100, Deduct</i>	-3.11	
		<i>For >100, Deduct</i>	-6.23	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	44.58	
		<i>For >10 To 50, Deduct</i>	-1.38	
		<i>For >50 To 100, Deduct</i>	-3.18	
		<i>For >100, Deduct</i>	-6.36	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	49.46	
		<i>For >10 To 50, Deduct</i>	-1.78	
		<i>For >50 To 100, Deduct</i>	-3.91	
		<i>For >100, Deduct</i>	-7.82	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	53.20	
		<i>For >10 To 50, Deduct</i>	-1.78	
		<i>For >50 To 100, Deduct</i>	-4.00	
		<i>For >100, Deduct</i>	-8.00	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	56.90	
		<i>For >10 To 50, Deduct</i>	-1.78	
		<i>For >50 To 100, Deduct</i>	-4.09	
		<i>For >100, Deduct</i>	-8.19	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	64.44	
		<i>For >10 To 50, Deduct</i>	-2.28	
		<i>For >50 To 100, Deduct</i>	-5.03	
		<i>For >100, Deduct</i>	-10.06	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	67.11	
		<i>For >10 To 50, Deduct</i>	-2.28	
		<i>For >50 To 100, Deduct</i>	-5.10	
		<i>For >100, Deduct</i>	-10.20	
05 05 19 00-0040		304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.41	
		<i>For >10 To 50, Deduct</i>	-0.50	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100, Deduct</i>	-2.07	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.74	
		<i>For >10 To 50, Deduct</i>	-0.50	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100, Deduct</i>	-2.08	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.22	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100, Deduct</i>	-2.15	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.55	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100, Deduct</i>	-2.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0045	EA			3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.84	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.28	
				<i>For >100, Deduct</i>	-2.56	
05 05 19 00-0046	EA			3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.03	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.29	
				<i>For >100, Deduct</i>	-2.57	
05 05 19 00-0047	EA			3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	16.59	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.33	
				<i>For >100, Deduct</i>	-2.65	
05 05 19 00-0048	EA			1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	22.30	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.85	
				<i>For >100, Deduct</i>	-3.71	
05 05 19 00-0049	EA			1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	22.84	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.87	
				<i>For >100, Deduct</i>	-3.73	
05 05 19 00-0050	EA			1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.14	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.87	
				<i>For >100, Deduct</i>	-3.75	
05 05 19 00-0051	EA			1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.56	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.91	
				<i>For >100, Deduct</i>	-3.82	
05 05 19 00-0052	EA			1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	26.69	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.96	
				<i>For >100, Deduct</i>	-3.93	
05 05 19 00-0053	EA			5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.51	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.39	
				<i>For >100, Deduct</i>	-4.77	
05 05 19 00-0054	EA			5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.90	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.42	
				<i>For >100, Deduct</i>	-4.84	
05 05 19 00-0055	EA			5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.39	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.46	
				<i>For >100, Deduct</i>	-4.92	
05 05 19 00-0056	EA			5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	36.38	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.51	
				<i>For >100, Deduct</i>	-5.02	
05 05 19 00-0057	EA			5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	45.11	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.73	
				<i>For >100, Deduct</i>	-5.45	
05 05 19 00-0058	EA			3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	37.61	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.84	
				<i>For >100, Deduct</i>	-5.69	
05 05 19 00-0059	EA			3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	40.42	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.91	
				<i>For >100, Deduct</i>	-5.83	
05 05 19 00-0060	EA			3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.82	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.97	
				<i>For >100, Deduct</i>	-5.95	
05 05 19 00-0061	EA			3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	43.12	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.98	
				<i>For >100, Deduct</i>	-5.96	
05 05 19 00-0062	EA			3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	45.37	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-3.04	
				<i>For >100, Deduct</i>	-6.07	
05 05 19 00-0063	EA			3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	51.22	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-3.18	
				<i>For >100, Deduct</i>	-6.37	
05 05 19 00-0064	EA			3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	59.47	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-3.39	
				<i>For >100, Deduct</i>	-6.78	
05 05 19 00-0065	EA			7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	60.09	
				<i>For >10 To 50, Deduct</i>	-1.38	
				<i>For >50 To 100, Deduct</i>	-3.57	
				<i>For >100, Deduct</i>	-7.13	
05 05 19 00-0066	EA			1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	86.71	
				<i>For >10 To 50, Deduct</i>	-1.78	
				<i>For >50 To 100, Deduct</i>	-4.84	
				<i>For >100, Deduct</i>	-9.68	

05 Metals

05 05 Common Work Results For Metals

05 05 19 Post-Installed Concrete Anchors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0067	EA 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	98.91	
	For >10 To 50, Deduct	-1.78	
	For >50 To 100, Deduct	-5.14	
	For >100, Deduct	-10.29	
05 05 19 00-0068	316 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003)		
	Note: Includes nut and washer.		
05 05 19 00-0069	EA 1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.69	
	For >10 To 50, Deduct	-0.50	
	For >50 To 100, Deduct	-1.04	
	For >100, Deduct	-2.08	
05 05 19 00-0070	EA 1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.34	
	For >10 To 50, Deduct	-0.51	
	For >50 To 100, Deduct	-1.08	
	For >100, Deduct	-2.15	
05 05 19 00-0071	EA 3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.48	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.30	
	For >100, Deduct	-2.60	
05 05 19 00-0072	EA 3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.97	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.31	
	For >100, Deduct	-2.62	
05 05 19 00-0073	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	16.08	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.31	
	For >100, Deduct	-2.63	
05 05 19 00-0074	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.43	
	For >10 To 50, Deduct	-0.61	
	For >50 To 100, Deduct	-1.37	
	For >100, Deduct	-2.74	
05 05 19 00-0075	EA 1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.54	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.91	
	For >100, Deduct	-3.82	
05 05 19 00-0076	EA 1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	25.90	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.94	
	For >100, Deduct	-3.89	
05 05 19 00-0077	EA 1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.37	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-2.00	
	For >100, Deduct	-4.01	
05 05 19 00-0078	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.98	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-2.02	
	For >100, Deduct	-4.04	
05 05 19 00-0079	EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	39.08	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.58	
	For >100, Deduct	-5.15	
05 05 19 00-0080	EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	39.82	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.59	
	For >100, Deduct	-5.19	
05 05 19 00-0081	EA 3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.19	
	For >10 To 50, Deduct	-1.27	
	For >50 To 100, Deduct	-3.11	
	For >100, Deduct	-6.22	
05 05 19 00-0082	EA 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	51.28	
	For >10 To 50, Deduct	-1.27	
	For >50 To 100, Deduct	-3.18	
	For >100, Deduct	-6.37	
05 05 19 00-0083	Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003)		
	Note: Includes nut and washer.		
05 05 19 00-0084	EA 1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	22.08	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.85	
	For >100, Deduct	-3.69	
05 05 19 00-0085	EA 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	23.35	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.88	
	For >100, Deduct	-3.76	
05 05 19 00-0086	EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	24.62	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.91	
	For >100, Deduct	-3.82	
05 05 19 00-0087	EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	25.25	
	For >10 To 50, Deduct	-0.86	
	For >50 To 100, Deduct	-1.93	
	For >100, Deduct	-3.85	
05 05 19 00-0088	EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	30.44	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.36	
	For >100, Deduct	-4.72	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 19 00-0089	EA			5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	28.92	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.32	
				<i>For >100, Deduct</i>	-4.64	
05 05 19 00-0090	EA			3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	39.57	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.89	
				<i>For >100, Deduct</i>	-5.78	
05 05 19 00-0091	EA			3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	40.96	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.93	
				<i>For >100, Deduct</i>	-5.85	
05 05 19 00-0092	EA			3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	47.82	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-3.10	
				<i>For >100, Deduct</i>	-6.20	
05 05 19 00-0093	EA			1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	50.22	
				<i>For >10 To 50, Deduct</i>	-1.78	
				<i>For >50 To 100, Deduct</i>	-3.93	
				<i>For >100, Deduct</i>	-7.85	
05 05 19 00-0094	EA			1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	54.17	
				<i>For >10 To 50, Deduct</i>	-1.78	
				<i>For >50 To 100, Deduct</i>	-4.03	
				<i>For >100, Deduct</i>	-8.05	
05 05 19 00-0095	EA			1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	58.08	
				<i>For >10 To 50, Deduct</i>	-1.78	
				<i>For >50 To 100, Deduct</i>	-4.12	
				<i>For >100, Deduct</i>	-8.25	
05 05 19 00-0096				Concrete Sleeve Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0097				Zinc Plated Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
				Note: Includes nut and washer.		
05 05 19 00-0098	EA			1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.67	
				<i>For >10 To 50, Deduct</i>	-0.51	
				<i>For >50 To 100, Deduct</i>	-1.03	
				<i>For >100, Deduct</i>	-2.06	
05 05 19 00-0099	EA			1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.81	
				<i>For >10 To 50, Deduct</i>	-0.51	
				<i>For >50 To 100, Deduct</i>	-1.04	
				<i>For >100, Deduct</i>	-2.07	
05 05 19 00-0100	EA			1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.99	
				<i>For >10 To 50, Deduct</i>	-0.51	
				<i>For >50 To 100, Deduct</i>	-1.04	
				<i>For >100, Deduct</i>	-2.08	
05 05 19 00-0101	EA			5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.25	
				<i>For >10 To 50, Deduct</i>	-0.54	
				<i>For >50 To 100, Deduct</i>	-1.09	
				<i>For >100, Deduct</i>	-2.17	
05 05 19 00-0102	EA			5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.38	
				<i>For >10 To 50, Deduct</i>	-0.54	
				<i>For >50 To 100, Deduct</i>	-1.09	
				<i>For >100, Deduct</i>	-2.18	
05 05 19 00-0103	EA			3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.75	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.23	
				<i>For >100, Deduct</i>	-2.46	
05 05 19 00-0104	EA			3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.99	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.24	
				<i>For >100, Deduct</i>	-2.47	
05 05 19 00-0105	EA			3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.22	
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.24	
				<i>For >100, Deduct</i>	-2.48	
05 05 19 00-0106	EA			1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.37	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.75	
				<i>For >100, Deduct</i>	-3.51	
05 05 19 00-0107	EA			1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.67	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.76	
				<i>For >100, Deduct</i>	-3.52	
05 05 19 00-0108	EA			1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.93	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.77	
				<i>For >100, Deduct</i>	-3.53	
05 05 19 00-0109	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	19.25	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.78	
				<i>For >100, Deduct</i>	-3.55	
05 05 19 00-0110	EA			5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.04	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.17	
				<i>For >100, Deduct</i>	-4.35	
05 05 19 00-0111	EA			5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.50	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.19	
				<i>For >100, Deduct</i>	-4.37	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.85	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.19	
		<i>For >100, Deduct</i>	-4.39	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	24.83	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.22	
		<i>For >100, Deduct</i>	-4.44	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.25	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.61	
		<i>For >100, Deduct</i>	-5.22	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.10	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.63	
		<i>For >100, Deduct</i>	-5.26	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.87	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.65	
		<i>For >100, Deduct</i>	-5.30	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	31.10	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.68	
		<i>For >100, Deduct</i>	-5.36	
05 05 19 00-0118		304/18-8 Stainless Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	11.97	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.06	
		<i>For >100, Deduct</i>	-2.13	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	15.45	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.30	
		<i>For >100, Deduct</i>	-2.59	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	16.77	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.33	
		<i>For >100, Deduct</i>	-2.66	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	22.87	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.87	
		<i>For >100, Deduct</i>	-3.73	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	25.24	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.92	
		<i>For >100, Deduct</i>	-3.85	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	34.17	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.45	
		<i>For >100, Deduct</i>	-4.91	
05 05 19 00-0125		Concrete Strike Anchors <small>(05 05 19 00-0002)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.36	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.10	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	11.61	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.06	
		<i>For >100, Deduct</i>	-2.11	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.11	
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.11	
		<i>For >100, Deduct</i>	-2.21	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.11	
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.13	
		<i>For >100, Deduct</i>	-2.26	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.84	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100, Deduct</i>	-2.51	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	14.58	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100, Deduct</i>	-2.55	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	15.16	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.29	
		<i>For >100, Deduct</i>	-2.58	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	20.22	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.80	
		<i>For >100, Deduct</i>	-3.60	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0134	EA			1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	20.66	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.81	
				<i>For >100, Deduct</i>	-3.62	
05 05 19 00-0135	EA			1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	21.98	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.84	
				<i>For >100, Deduct</i>	-3.69	
05 05 19 00-0136	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	23.67	
				<i>For >10 To 50, Deduct</i>	-0.86	
				<i>For >50 To 100, Deduct</i>	-1.89	
				<i>For >100, Deduct</i>	-3.77	
05 05 19 00-0137	EA			5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	26.97	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.27	
				<i>For >100, Deduct</i>	-4.55	
05 05 19 00-0138	EA			5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	28.54	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.31	
				<i>For >100, Deduct</i>	-4.62	
05 05 19 00-0139	EA			5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	29.92	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.35	
				<i>For >100, Deduct</i>	-4.69	
05 05 19 00-0140	EA			3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	34.77	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.77	
				<i>For >100, Deduct</i>	-5.54	
05 05 19 00-0141	EA			3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	36.24	
				<i>For >10 To 50, Deduct</i>	-1.27	
				<i>For >50 To 100, Deduct</i>	-2.81	
				<i>For >100, Deduct</i>	-5.62	
05 05 19 00-0142				Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143				Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0144	EA			1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	14.82	
				<i>For >10 To 50, Deduct</i>	-0.71	
				<i>For >50 To 100, Deduct</i>	-1.44	
				<i>For >100, Deduct</i>	-2.87	
05 05 19 00-0145	EA			3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	18.14	
				<i>For >10 To 50, Deduct</i>	-0.87	
				<i>For >50 To 100, Deduct</i>	-1.75	
				<i>For >100, Deduct</i>	-3.51	
05 05 19 00-0146	EA			1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	22.16	
				<i>For >10 To 50, Deduct</i>	-1.02	
				<i>For >50 To 100, Deduct</i>	-2.09	
				<i>For >100, Deduct</i>	-4.17	
05 05 19 00-0147	EA			5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	25.17	
				<i>For >10 To 50, Deduct</i>	-1.12	
				<i>For >50 To 100, Deduct</i>	-2.31	
				<i>For >100, Deduct</i>	-4.62	
05 05 19 00-0148	EA			3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	30.25	
				<i>For >10 To 50, Deduct</i>	-1.28	
				<i>For >50 To 100, Deduct</i>	-2.67	
				<i>For >100, Deduct</i>	-5.34	
05 05 19 00-0149				304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0150	EA			1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	17.53	
				<i>For >10 To 50, Deduct</i>	-0.71	
				<i>For >50 To 100, Deduct</i>	-1.50	
				<i>For >100, Deduct</i>	-3.01	
05 05 19 00-0151	EA			3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	23.27	
				<i>For >10 To 50, Deduct</i>	-0.87	
				<i>For >50 To 100, Deduct</i>	-1.88	
				<i>For >100, Deduct</i>	-3.76	
05 05 19 00-0152	EA			1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	28.88	
				<i>For >10 To 50, Deduct</i>	-1.02	
				<i>For >50 To 100, Deduct</i>	-2.25	
				<i>For >100, Deduct</i>	-4.51	
05 05 19 00-0153	EA			5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	35.99	
				<i>For >10 To 50, Deduct</i>	-1.12	
				<i>For >50 To 100, Deduct</i>	-2.58	
				<i>For >100, Deduct</i>	-5.16	
05 05 19 00-0154	EA			3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	48.83	
				<i>For >10 To 50, Deduct</i>	-1.28	
				<i>For >50 To 100, Deduct</i>	-3.13	
				<i>For >100, Deduct</i>	-6.27	
05 05 19 00-0155				Single Bolt Expansion Anchors (05 05 19 00-0002)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA			1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	10.88	
				<i>For >10 To 50, Deduct</i>	-0.51	
				<i>For >50 To 100, Deduct</i>	-1.04	
				<i>For >100, Deduct</i>	-2.07	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	11.65	
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.10	
		<i>For >100, Deduct</i>	-2.19	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.17	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.24	
		<i>For >100, Deduct</i>	-2.48	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	19.25	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.78	
		<i>For >100, Deduct</i>	-3.55	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	26.78	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.27	
		<i>For >100, Deduct</i>	-4.54	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	32.32	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.71	
		<i>For >100, Deduct</i>	-5.42	
05 05 19 00-0162		Concrete Lag Shield Anchors <small>(05 05 19 00-0002)</small>		
		Note: Excludes lag bolt and washer.		
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	11.05	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100, Deduct</i>	-2.08	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	13.16	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.24	
		<i>For >100, Deduct</i>	-2.48	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	13.85	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100, Deduct</i>	-2.51	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	19.50	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.78	
		<i>For >100, Deduct</i>	-3.56	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	25.84	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.24	
		<i>For >100, Deduct</i>	-4.49	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	28.94	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.63	
		<i>For >100, Deduct</i>	-5.25	
05 05 19 00-0169		Chemical And Adhesive Anchors <small>(05 05 19 00-0001)</small>		
05 05 19 00-0170		Chemically Adhered Anchor Rods <small>(05 05 19 00-0169)</small>		
		Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.		
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	14.00	
		<i>For >10 To 50, Deduct</i>	-0.56	
		<i>For >50 To 100, Deduct</i>	-1.19	
		<i>For >100, Deduct</i>	-2.38	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	16.29	
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.33	
		<i>For >100, Deduct</i>	-2.65	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	20.21	
		<i>For >10 To 50, Deduct</i>	-0.77	
		<i>For >50 To 100, Deduct</i>	-1.65	
		<i>For >100, Deduct</i>	-3.31	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	23.72	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.89	
		<i>For >100, Deduct</i>	-3.77	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	25.19	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.92	
		<i>For >100, Deduct</i>	-3.85	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	31.17	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.38	
		<i>For >100, Deduct</i>	-4.76	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	40.64	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.92	
		<i>For >100, Deduct</i>	-5.84	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	48.33	
		<i>For >10 To 50, Deduct</i>	-1.37	
		<i>For >50 To 100, Deduct</i>	-3.27	
		<i>For >100, Deduct</i>	-6.53	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0179	EA			1" x 11-3/4" Long Chemically Adhered Anchor Rod	66.16	
				For >10 To 50, Deduct	-1.78	
				For >50 To 100, Deduct	-4.32	
				For >100, Deduct	-8.65	
05 05 19 00-0180	EA			1-1/4" x 14" Long Chemically Adhered Anchor Rod	95.37	
				For >10 To 50, Deduct	-2.25	
				For >50 To 100, Deduct	-5.75	
				For >100, Deduct	-11.50	
05 05 19 00-0181				Chemical Adhesives For Bolts, Dowels Or Threaded Rod <small>(05 05 19 00-0169)</small>		
				Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA			1/4" Chemical Adhesive For Bolt Or Threaded Rod	11.57	
				For >10 To 50, Deduct	-0.56	
				For >50 To 100, Deduct	-1.13	
				For >100, Deduct	-2.26	
05 05 19 00-0183	EA			5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	12.68	
				For >10 To 50, Deduct	-0.61	
				For >50 To 100, Deduct	-1.24	
				For >100, Deduct	-2.47	
05 05 19 00-0184	EA			3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	15.88	
				For >10 To 50, Deduct	-0.77	
				For >50 To 100, Deduct	-1.55	
				For >100, Deduct	-3.09	
05 05 19 00-0185	EA			1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	18.06	
				For >10 To 50, Deduct	-0.86	
				For >50 To 100, Deduct	-1.75	
				For >100, Deduct	-3.49	
05 05 19 00-0186	EA			5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	23.27	
				For >10 To 50, Deduct	-1.07	
				For >50 To 100, Deduct	-2.18	
				For >100, Deduct	-4.36	
05 05 19 00-0187	EA			3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	28.79	
				For >10 To 50, Deduct	-1.27	
				For >50 To 100, Deduct	-2.62	
				For >100, Deduct	-5.24	
05 05 19 00-0188	EA			7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	32.02	
				For >10 To 50, Deduct	-1.37	
				For >50 To 100, Deduct	-2.86	
				For >100, Deduct	-5.72	
05 05 19 00-0189	EA			1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	42.47	
				For >10 To 50, Deduct	-1.78	
				For >50 To 100, Deduct	-3.73	
				For >100, Deduct	-7.47	
05 05 19 00-0190	EA			1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	48.70	
				For >10 To 50, Deduct	-2.01	
				For >50 To 100, Deduct	-4.24	
				For >100, Deduct	-8.47	
05 05 19 00-0191	EA			1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	55.87	
				For >10 To 50, Deduct	-2.25	
				For >50 To 100, Deduct	-4.76	
				For >100, Deduct	-9.53	
05 05 19 00-0192	EA			1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	60.65	
				For >10 To 50, Deduct	-2.35	
				For >50 To 100, Deduct	-5.04	
				For >100, Deduct	-10.07	
05 05 19 00-0193	EA			1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	67.27	
				For >10 To 50, Deduct	-2.45	
				For >50 To 100, Deduct	-5.36	
				For >100, Deduct	-10.71	
05 05 19 00-0194	EA			1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	80.49	
				For >10 To 50, Deduct	-2.65	
				For >50 To 100, Deduct	-5.99	
				For >100, Deduct	-11.98	
05 05 19 00-0195	EA			2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	109.97	
				For >10 To 50, Deduct	-2.76	
				For >50 To 100, Deduct	-6.88	
				For >100, Deduct	-13.77	
05 05 19 00-0196				Grout Concrete Anchor Bolt Or Threaded Rod <small>(05 05 19 00-0169)</small>		
05 05 19 00-0197	EA			Grout Concrete Anchor Bolt or Threaded Rod.....	4.07	
				For >10 To 50, Deduct	-0.20	
				For >50 To 100, Deduct	-0.40	
				For >100, Deduct	-0.79	
05 05 19 00-0198				Other Concrete And Masonry Anchors <small>(05 05 19 00-0001)</small>		
05 05 19 00-0199				Tapcon Masonry Screws <small>(05 05 19 00-0198)</small>		
				Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA			3/16" x 1-1/4" Tapcon Masonry Screw.....	10.47	
				For >10 To 50, Deduct	-0.51	
				For >50 To 100, Deduct	-1.03	
				For >100, Deduct	-2.05	
05 05 19 00-0201	EA			3/16" x 2-1/4" Tapcon Masonry Screw.....	10.55	
				For >10 To 50, Deduct	-0.51	
				For >50 To 100, Deduct	-1.03	
				For >100, Deduct	-2.06	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw.....	10.70	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100, Deduct</i>	-2.07	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw.....	10.56	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100, Deduct</i>	-2.06	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw.....	10.65	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100, Deduct</i>	-2.06	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw.....	10.83	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100, Deduct</i>	-2.07	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	10.97	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100, Deduct</i>	-2.08	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	11.25	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.09	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	11.33	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.10	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	11.46	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.10	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	11.58	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.11	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	11.82	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.06	
		<i>For >100, Deduct</i>	-2.12	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	12.12	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100, Deduct</i>	-2.14	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	12.39	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100, Deduct</i>	-2.15	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	13.16	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.09	
		<i>For >100, Deduct</i>	-2.19	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	13.25	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.10	
		<i>For >100, Deduct</i>	-2.19	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	13.73	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.11	
		<i>For >100, Deduct</i>	-2.22	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	14.21	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.12	
		<i>For >100, Deduct</i>	-2.24	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	14.52	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.13	
		<i>For >100, Deduct</i>	-2.26	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	14.38	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.12	
		<i>For >100, Deduct</i>	-2.25	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	14.83	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.14	
		<i>For >100, Deduct</i>	-2.27	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	15.87	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.16	
		<i>For >100, Deduct</i>	-2.32	

05 05 19 00-0223 Pin Bolt Drives (05 05 19 00-0198)

Note: Includes drilling. Zinc plated.

	MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
	05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	6.54 -0.31 -0.62 -1.25	
	05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	6.54 -0.31 -0.62 -1.25	
	05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	6.60 -0.31 -0.62 -1.25	
	05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	6.61 -0.31 -0.62 -1.25	
05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors <small>(05 05 19 00-0198)</small>					
	05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	1.64 -0.07 -0.14 -0.29	
	05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	1.73 -0.07 -0.15 -0.30	
	05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	1.88 -0.08 -0.16 -0.32	
	05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	2.08 -0.08 -0.17 -0.35	
	05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	2.19 -0.08 -0.18 -0.35	
05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread <small>(05 05 19 00-0198)</small>					
	05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	1.95 -0.07 -0.16 -0.31	
	05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	2.64 -0.09 -0.20 -0.39	
05 05 21 Fastening Methods for Metal <small>(05 05)</small>					
	05 05 21 00-0001		Welding <small>(05 05 21)</small>		
	05 05 21 00-0002		Welding Minimum Charge <small>(05 05 21 00-0001)</small>		
	05 05 21 00-0003	EA	Welding Minimum Charge..... Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	403.69	
	05 05 21 00-0004		Spot Welding <small>(05 05 21 00-0001)</small> See CSI section 05 05 21 00-0007 for a series of welds.		
	05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	10.38 1.61 2.66	
	05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	8.10 1.26 2.09	
	05 05 21 00-0007		Field Welding (Seam And Stitch Welding) <small>(05 05 21 00-0001)</small>		
	05 05 21 00-0008		Vertical Fillet Welds <small>(05 05 21 00-0007)</small> Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
	05 05 21 00-0009	LF	1/8" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	6.53 1.23 1.95 2.18 1.55	
	05 05 21 00-0010	LF	3/16" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For >25 To 50, Add</i>	12.73 2.22 3.57 4.33 3.08	

05 Metals**05 05 Common Work Results For Metals****05 05 21 Fastening Methods for Metal**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 21 00-0011	LF	1/4" Vertical Fillet Weld.....	19.11	
		For Aluminum Welding, Add	3.33	
		For Stainless Steel Welding, Add	5.36	
		For Up To 25, Add	6.49	
		For >25 To 50, Add	4.62	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld.....	25.21	
		For Aluminum Welding, Add	4.42	
		For Stainless Steel Welding, Add	7.10	
		For Up To 25, Add	8.56	
		For >25 To 50, Add	6.09	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld.....	31.85	
		For Aluminum Welding, Add	5.56	
		For Stainless Steel Welding, Add	8.94	
		For Up To 25, Add	10.82	
		For >25 To 50, Add	7.70	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld.....	37.22	
		For Aluminum Welding, Add	6.20	
		For Stainless Steel Welding, Add	10.08	
		For Up To 25, Add	12.77	
		For >25 To 50, Add	9.10	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld.....	43.54	
		For Aluminum Welding, Add	7.62	
		For Stainless Steel Welding, Add	12.24	
		For Up To 25, Add	14.79	
		For >25 To 50, Add	10.52	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld.....	51.08	
		For Aluminum Welding, Add	8.63	
		For Stainless Steel Welding, Add	13.99	
		For Up To 25, Add	17.47	
		For >25 To 50, Add	12.45	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld.....	59.21	
		For Aluminum Welding, Add	10.03	
		For Stainless Steel Welding, Add	16.24	
		For Up To 25, Add	20.24	
		For >25 To 50, Add	14.42	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld.....	79.68	
		For Aluminum Welding, Add	13.93	
		For Stainless Steel Welding, Add	22.40	
		For Up To 25, Add	27.06	
		For >25 To 50, Add	19.26	
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld.....	118.26	
		For Aluminum Welding, Add	19.95	
		For Stainless Steel Welding, Add	32.33	
		For Up To 25, Add	40.47	
		For >25 To 50, Add	28.83	
05 05 21 00-0020	LF	1" Vertical Fillet Weld.....	158.94	
		For Aluminum Welding, Add	27.54	
		For Stainless Steel Welding, Add	44.36	
		For Up To 25, Add	54.09	
		For >25 To 50, Add	38.50	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds (05 05 21 00-0007)

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld.....	5.48	
		For Aluminum Welding, Add	1.07	
		For Stainless Steel Welding, Add	1.69	
		For Up To 25, Add	1.81	
		For >25 To 50, Add	1.29	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld.....	10.76	
		For Aluminum Welding, Add	1.94	
		For Stainless Steel Welding, Add	3.10	
		For Up To 25, Add	3.63	
		For >25 To 50, Add	2.58	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld.....	16.09	
		For Aluminum Welding, Add	2.90	
		For Stainless Steel Welding, Add	4.63	
		For Up To 25, Add	5.43	
		For >25 To 50, Add	3.86	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld.....	21.25	
		For Aluminum Welding, Add	3.85	
		For Stainless Steel Welding, Add	6.15	
		For Up To 25, Add	7.16	
		For >25 To 50, Add	5.09	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld.....	26.84	
		For Aluminum Welding, Add	4.84	
		For Stainless Steel Welding, Add	7.72	
		For Up To 25, Add	9.06	
		For >25 To 50, Add	6.44	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld.....	31.25	
		For Aluminum Welding, Add	5.34	
		For Stainless Steel Welding, Add	8.62	
		For Up To 25, Add	10.67	
		For >25 To 50, Add	7.60	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld.....	36.65	
		For Aluminum Welding, Add	6.64	
		For Stainless Steel Welding, Add	10.59	
		For Up To 25, Add	12.35	
		For >25 To 50, Add	8.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 21 00-0029	LF		9/16" Horizontal Or Flat Fillet Weld.....	42.98	
			<i>For Aluminum Welding, Add</i>	7.49	
			<i>For Stainless Steel Welding, Add</i>	12.04	
			<i>For Up To 25, Add</i>	14.61	
			<i>For >25 To 50, Add</i>	10.40	
05 05 21 00-0030	LF		5/8" Horizontal Or Flat Fillet Weld.....	49.99	
			<i>For Aluminum Welding, Add</i>	8.85	
			<i>For Stainless Steel Welding, Add</i>	14.19	
			<i>For Up To 25, Add</i>	16.93	
			<i>For >25 To 50, Add</i>	12.05	
05 05 21 00-0031	LF		3/4" Horizontal Or Flat Fillet Weld.....	67.16	
			<i>For Aluminum Welding, Add</i>	12.16	
			<i>For Stainless Steel Welding, Add</i>	19.39	
			<i>For Up To 25, Add</i>	22.64	
			<i>For >25 To 50, Add</i>	16.10	
05 05 21 00-0032	LF		7/8" Horizontal Or Flat Fillet Weld.....	98.92	
			<i>For Aluminum Welding, Add</i>	16.90	
			<i>For Stainless Steel Welding, Add</i>	27.31	
			<i>For Up To 25, Add</i>	33.76	
			<i>For >25 To 50, Add</i>	24.04	
05 05 21 00-0033	LF		1" Horizontal Or Flat Fillet Weld.....	133.46	
			<i>For Aluminum Welding, Add</i>	23.90	
			<i>For Stainless Steel Welding, Add</i>	38.22	
			<i>For Up To 25, Add</i>	45.09	
			<i>For >25 To 50, Add</i>	32.07	

05 05 23 Metal Fastenings (05 05)

05 05 23 00-0001 Hex Bolts (05 05 23)

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0231 for drilling into brick or block, 02 41 19 13-0241 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts (05 05 23 00-0001)

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts (05 05 23 00-0002)

05 05 23 00-0004	EA		1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt.....	12.15	1.17
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.04	
			<i>For >100, Deduct</i>	-2.07	
05 05 23 00-0005	EA		1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt.....	13.53	1.17
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.07	
			<i>For >100, Deduct</i>	-2.14	
05 05 23 00-0006	EA		5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	13.57	1.17
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.07	
			<i>For >100, Deduct</i>	-2.14	
05 05 23 00-0007	EA		5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	16.23	1.34
			<i>For >10 To 50, Deduct</i>	-0.56	
			<i>For >50 To 100, Deduct</i>	-1.24	
			<i>For >100, Deduct</i>	-2.48	
05 05 23 00-0008	EA		3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	15.89	1.17
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.13	
			<i>For >100, Deduct</i>	-2.26	
05 05 23 00-0009	EA		3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	19.11	1.34
			<i>For >10 To 50, Deduct</i>	-0.56	
			<i>For >50 To 100, Deduct</i>	-1.31	
			<i>For >100, Deduct</i>	-2.63	
05 05 23 00-0010	EA		3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	24.48	1.40
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.49	
			<i>For >100, Deduct</i>	-2.97	
05 05 23 00-0011	EA		3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt.....	26.32	1.47
			<i>For >10 To 50, Deduct</i>	-0.61	
			<i>For >50 To 100, Deduct</i>	-1.58	
			<i>For >100, Deduct</i>	-3.15	
05 05 23 00-0012	EA		7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	19.18	1.27
			<i>For >10 To 50, Deduct</i>	-0.53	
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100, Deduct</i>	-2.55	
05 05 23 00-0013	EA		7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	23.27	1.40
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.45	
			<i>For >100, Deduct</i>	-2.91	
05 05 23 00-0014	EA		1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	27.56	1.47
			<i>For >10 To 50, Deduct</i>	-0.61	
			<i>For >50 To 100, Deduct</i>	-1.61	
			<i>For >100, Deduct</i>	-3.22	
05 05 23 00-0015	EA		1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	39.94	1.54
			<i>For >10 To 50, Deduct</i>	-0.64	
			<i>For >50 To 100, Deduct</i>	-1.96	
			<i>For >100, Deduct</i>	-3.93	
05 05 23 00-0016	EA		1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	46.82	1.74
			<i>For >10 To 50, Deduct</i>	-0.73	
			<i>For >50 To 100, Deduct</i>	-2.26	
			<i>For >100, Deduct</i>	-4.52	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	52.80 -0.78 -2.49 -4.98	1.87
05 05 23 00-0018	Galvanized A307B Heavy Hex Bolts (05 05 23 00-0002)		
05 05 23 00-0019	EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.83 -0.49 -1.05 -2.11	1.17
05 05 23 00-0020	EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	13.99 -0.49 -1.08 -2.16	1.17
05 05 23 00-0021	EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	15.24 -0.49 -1.11 -2.23	1.17
05 05 23 00-0022	EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.90 -0.56 -1.28 -2.57	1.34
05 05 23 00-0023	EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.79 -0.49 -1.18 -2.35	1.17
05 05 23 00-0024	EA 3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.62 -0.56 -1.40 -2.80	1.34
05 05 23 00-0025	EA 3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	30.53 -0.58 -1.64 -3.27	1.40
05 05 23 00-0026	EA 3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	36.11 -0.61 -1.82 -3.64	1.47
05 05 23 00-0027	EA 7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	24.15 -0.53 -1.40 -2.80	1.27
05 05 23 00-0028	EA 7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	28.87 -0.58 -1.59 -3.19	1.40
05 05 23 00-0029	EA 1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	34.79 -0.61 -1.79 -3.58	1.47
05 05 23 00-0030	EA 1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	53.04 -0.64 -2.29 -4.58	1.54
05 05 23 00-0031	EA 1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	52.68 -0.73 -2.41 -4.82	1.74
05 05 23 00-0032	EA 1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	66.37 -0.78 -2.83 -5.66	1.87
05 05 23 00-0033	A325 High Strength Structural Bolts (05 05 23 00-0001)		
05 05 23 00-0034	Plain Finish A325 High Strength Structural Bolts (05 05 23 00-0033) Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	11.83 -0.49 -1.03 -2.06	1.17
05 05 23 00-0036	EA 1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.14 -0.49 -1.04 -2.07	1.17
05 05 23 00-0037	EA 5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	13.11 -0.49 -1.06 -2.12	1.17
05 05 23 00-0038	EA 5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.25 -0.56 -1.24 -2.49	1.34
05 05 23 00-0039	EA 5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	19.08 -0.58 -1.35 -2.70	1.40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0040 EA 3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.47 -0.49 -1.09 -2.19	1.17
05 05 23 00-0041 EA 3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.70 -0.56 -1.28 -2.56	1.34
05 05 23 00-0042 EA 3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	20.36 -0.58 -1.38 -2.77	1.40
05 05 23 00-0043 EA 3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	25.46 -0.61 -1.56 -3.11	1.47
05 05 23 00-0044 EA 7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.95 -0.53 -1.22 -2.44	1.27
05 05 23 00-0045 EA 7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	20.89 -0.58 -1.39 -2.79	1.40
05 05 23 00-0046 EA 7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	24.05 -0.61 -1.52 -3.04	1.47
05 05 23 00-0047 EA 7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	26.15 -0.64 -1.62 -3.24	1.54
05 05 23 00-0048 EA 1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	18.87 -0.55 -1.30 -2.60	1.32
05 05 23 00-0049 EA 1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.90 -0.61 -1.49 -2.98	1.47
05 05 23 00-0050 EA 1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	26.81 -0.64 -1.64 -3.27	1.54
05 05 23 00-0051 EA 1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	34.89 -0.69 -1.90 -3.80	1.64
05 05 23 00-0052 EA 1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	33.19 -0.69 -1.86 -3.72	1.64
05 05 23 00-0053 EA 1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	37.81 -0.73 -2.04 -4.07	1.74
05 05 23 00-0054 EA 1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	44.69 -0.78 -2.29 -4.57	1.87
05 05 23 00-0055 EA 1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	52.81 -0.83 -2.57 -5.13	1.99
05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts <small>(05 05 23 00-0033)</small> Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057 EA 1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.44 -0.49 -1.04 -2.09	1.17
05 05 23 00-0058 EA 1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.66 -0.49 -1.05 -2.10	1.17
05 05 23 00-0059 EA 5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.40 -0.49 -1.09 -2.18	1.17
05 05 23 00-0060 EA 5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.17 -0.56 -1.27 -2.53	1.34
05 05 23 00-0061 EA 5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	18.20 -0.58 -1.33 -2.66	1.40

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	15.06	1.17
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.11	
		<i>For >100, Deduct</i>	-2.22	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	18.44	1.34
		<i>For >10 To 50, Deduct</i>	-0.56	
		<i>For >50 To 100, Deduct</i>	-1.30	
		<i>For >100, Deduct</i>	-2.59	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	21.52	1.40
		<i>For >10 To 50, Deduct</i>	-0.58	
		<i>For >50 To 100, Deduct</i>	-1.41	
		<i>For >100, Deduct</i>	-2.82	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	28.21	1.47
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.62	
		<i>For >100, Deduct</i>	-3.25	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	20.50	1.27
		<i>For >10 To 50, Deduct</i>	-0.53	
		<i>For >50 To 100, Deduct</i>	-1.31	
		<i>For >100, Deduct</i>	-2.61	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	22.99	1.40
		<i>For >10 To 50, Deduct</i>	-0.58	
		<i>For >50 To 100, Deduct</i>	-1.45	
		<i>For >100, Deduct</i>	-2.89	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	26.60	1.47
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.58	
		<i>For >100, Deduct</i>	-3.17	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	33.79	1.54
		<i>For >10 To 50, Deduct</i>	-0.64	
		<i>For >50 To 100, Deduct</i>	-1.81	
		<i>For >100, Deduct</i>	-3.62	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	21.63	1.32
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.37	
		<i>For >100, Deduct</i>	-2.73	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	29.23	1.47
		<i>For >10 To 50, Deduct</i>	-0.61	
		<i>For >50 To 100, Deduct</i>	-1.65	
		<i>For >100, Deduct</i>	-3.30	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	32.10	1.54
		<i>For >10 To 50, Deduct</i>	-0.64	
		<i>For >50 To 100, Deduct</i>	-1.77	
		<i>For >100, Deduct</i>	-3.54	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	41.42	1.64
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-2.06	
		<i>For >100, Deduct</i>	-4.13	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	41.16	1.64
		<i>For >10 To 50, Deduct</i>	-0.69	
		<i>For >50 To 100, Deduct</i>	-2.06	
		<i>For >100, Deduct</i>	-4.11	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	43.90	1.74
		<i>For >10 To 50, Deduct</i>	-0.73	
		<i>For >50 To 100, Deduct</i>	-2.19	
		<i>For >100, Deduct</i>	-4.38	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	51.67	1.87
		<i>For >10 To 50, Deduct</i>	-0.78	
		<i>For >50 To 100, Deduct</i>	-2.46	
		<i>For >100, Deduct</i>	-4.92	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	60.09	1.99
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-2.75	
		<i>For >100, Deduct</i>	-5.50	

05 05 23 00-0078 A490 High Strength Structural Bolts (05 05 23 00-0001)

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	13.60	1.17
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100, Deduct</i>	-2.14	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	19.57	1.34
		<i>For >10 To 50, Deduct</i>	-0.56	
		<i>For >50 To 100, Deduct</i>	-1.33	
		<i>For >100, Deduct</i>	-2.65	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	20.98	1.40
		<i>For >10 To 50, Deduct</i>	-0.58	
		<i>For >50 To 100, Deduct</i>	-1.40	
		<i>For >100, Deduct</i>	-2.80	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	15.47	1.17
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.12	
		<i>For >100, Deduct</i>	-2.24	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	18.84	1.34
		<i>For >10 To 50, Deduct</i>	-0.56	
		<i>For >50 To 100, Deduct</i>	-1.31	
		<i>For >100, Deduct</i>	-2.61	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0085	EA			3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	22.20	1.40
				<i>For >10 To 50, Deduct</i>	-0.58	
				<i>For >50 To 100, Deduct</i>	-1.43	
				<i>For >100, Deduct</i>	-2.86	
05 05 23 00-0086	EA			3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	29.04	1.47
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.64	
				<i>For >100, Deduct</i>	-3.29	
05 05 23 00-0087	EA			7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	18.10	1.27
				<i>For >10 To 50, Deduct</i>	-0.53	
				<i>For >50 To 100, Deduct</i>	-1.25	
				<i>For >100, Deduct</i>	-2.49	
05 05 23 00-0088	EA			7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	21.26	1.40
				<i>For >10 To 50, Deduct</i>	-0.58	
				<i>For >50 To 100, Deduct</i>	-1.40	
				<i>For >100, Deduct</i>	-2.81	
05 05 23 00-0089	EA			7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	31.53	1.47
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.71	
				<i>For >100, Deduct</i>	-3.41	
05 05 23 00-0090	EA			1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	21.57	1.32
				<i>For >10 To 50, Deduct</i>	-0.55	
				<i>For >50 To 100, Deduct</i>	-1.37	
				<i>For >100, Deduct</i>	-2.73	
05 05 23 00-0091	EA			1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	25.93	1.47
				<i>For >10 To 50, Deduct</i>	-0.61	
				<i>For >50 To 100, Deduct</i>	-1.57	
				<i>For >100, Deduct</i>	-3.13	
05 05 23 00-0092	EA			1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	30.07	1.54
				<i>For >10 To 50, Deduct</i>	-0.64	
				<i>For >50 To 100, Deduct</i>	-1.72	
				<i>For >100, Deduct</i>	-3.44	
05 05 23 00-0093	EA			1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	38.01	1.64
				<i>For >10 To 50, Deduct</i>	-0.69	
				<i>For >50 To 100, Deduct</i>	-1.98	
				<i>For >100, Deduct</i>	-3.96	
05 05 23 00-0094	EA			1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	49.32	1.74
				<i>For >10 To 50, Deduct</i>	-0.73	
				<i>For >50 To 100, Deduct</i>	-2.32	
				<i>For >100, Deduct</i>	-4.65	
05 05 23 00-0095	EA			1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	51.86	1.87
				<i>For >10 To 50, Deduct</i>	-0.78	
				<i>For >50 To 100, Deduct</i>	-2.47	
				<i>For >100, Deduct</i>	-4.93	
05 05 23 00-0096	EA			1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	54.04	1.99
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-2.60	
				<i>For >100, Deduct</i>	-5.20	
05 05 23 00-0097				Hex Head Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0098				Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0099				1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0100	EA			1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.48	
				<i>For >100 To 250, Deduct</i>	-1.28	
				<i>For >250 To 500, Deduct</i>	-1.60	
				<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0101	EA			1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.51	
				<i>For >100 To 250, Deduct</i>	-1.28	
				<i>For >250 To 500, Deduct</i>	-1.60	
				<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0102	EA			1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.59	
				<i>For >100 To 250, Deduct</i>	-1.28	
				<i>For >250 To 500, Deduct</i>	-1.60	
				<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0103	EA			1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.63	
				<i>For >100 To 250, Deduct</i>	-1.28	
				<i>For >250 To 500, Deduct</i>	-1.60	
				<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0104	EA			1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.86	
				<i>For >100 To 250, Deduct</i>	-1.31	
				<i>For >250 To 500, Deduct</i>	-1.64	
				<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0105	EA			1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.89	
				<i>For >100 To 250, Deduct</i>	-1.31	
				<i>For >250 To 500, Deduct</i>	-1.64	
				<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0106	EA			1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.01	
				<i>For >100 To 250, Deduct</i>	-1.31	
				<i>For >250 To 500, Deduct</i>	-1.64	
				<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0107	EA			1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.20	
				<i>For >100 To 250, Deduct</i>	-1.35	
				<i>For >250 To 500, Deduct</i>	-1.69	
				<i>For >500, Deduct</i>	-2.02	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.42	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.07	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.67	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.04	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0116	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>	6.55	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.65	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.70	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.94	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.06	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.11	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.41	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.59	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.65	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.97	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.15	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.44	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.71	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	

05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05)
23 00-0098

05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.63	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.66	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.76	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.84	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.10	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.25	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.40	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.74	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.93	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.44	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.55	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.87	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.00	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.18	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05)
23 00-0098

05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.93	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.07	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.42	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.61	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.76	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.35	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.46	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.69	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.24	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.35	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.63	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.94	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.19	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.70	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0166	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098).....	7.83	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.98	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.13	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.48	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.79	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.17	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.35	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.66	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.88	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.92	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.61	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.77	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.23	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.65	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.81	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.46	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.64	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05)</small>		
		<small>23 00-0098)</small>		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.98	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.19	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.24	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.36	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.45	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.66	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.73	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.96	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0196	EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19
	For >100 To 250, Deduct	-1.57
	For >250 To 500, Deduct	-1.96
	For >500, Deduct	-2.35
05 05 23 00-0197	EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.25
	For >100 To 250, Deduct	-1.57
	For >250 To 500, Deduct	-1.96
	For >500, Deduct	-2.35
05 05 23 00-0198	EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.45
	For >100 To 250, Deduct	-1.57
	For >250 To 500, Deduct	-1.96
	For >500, Deduct	-2.35
05 05 23 00-0199	EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.85
	For >100 To 250, Deduct	-1.60
	For >250 To 500, Deduct	-2.01
	For >500, Deduct	-2.41
05 05 23 00-0200	EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.09
	For >100 To 250, Deduct	-1.60
	For >250 To 500, Deduct	-2.01
	For >500, Deduct	-2.41
05 05 23 00-0201	EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.33
	For >100 To 250, Deduct	-1.60
	For >250 To 500, Deduct	-2.01
	For >500, Deduct	-2.41
05 05 23 00-0202	EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.74
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0203	EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.02
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0204	EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.21
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0205	EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.50
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46

05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts ^{105 05}

05 05 23 00-0207	EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.34
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0208	EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.48
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0209	EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.66
	For >100 To 250, Deduct	-1.64
	For >250 To 500, Deduct	-2.05
	For >500, Deduct	-2.46
05 05 23 00-0210	EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08
	For >100 To 250, Deduct	-1.68
	For >250 To 500, Deduct	-2.10
	For >500, Deduct	-2.52
05 05 23 00-0211	EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.34
	For >100 To 250, Deduct	-1.68
	For >250 To 500, Deduct	-2.10
	For >500, Deduct	-2.52
05 05 23 00-0212	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.67
	For >100 To 250, Deduct	-1.68
	For >250 To 500, Deduct	-2.10
	For >500, Deduct	-2.52
05 05 23 00-0213	EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.27
	For >100 To 250, Deduct	-1.71
	For >250 To 500, Deduct	-2.14
	For >500, Deduct	-2.57
05 05 23 00-0214	EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.78
	For >100 To 250, Deduct	-1.71
	For >250 To 500, Deduct	-2.14
	For >500, Deduct	-2.57
05 05 23 00-0215	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.17
	For >100 To 250, Deduct	-1.71
	For >250 To 500, Deduct	-2.14
	For >500, Deduct	-2.57
05 05 23 00-0216	EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.52
	For >100 To 250, Deduct	-1.75
	For >250 To 500, Deduct	-2.19
	For >500, Deduct	-2.63
05 05 23 00-0217	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57
	For >100 To 250, Deduct	-1.75
	For >250 To 500, Deduct	-2.19
	For >500, Deduct	-2.63

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.24	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.80	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.34	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.96	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.81	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.42	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.04	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.52	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0226		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05)</small>		
		<small>23 00-0098</small>		
05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.80	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.33	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.83	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.56	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.12	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.60	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.99	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.95	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.27	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.87	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.08	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.48
		<i>For >100 To 250, Deduct</i>	-1.79
		<i>For >250 To 500, Deduct</i>	-2.23
		<i>For >500, Deduct</i>	-2.68
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.13
		<i>For >100 To 250, Deduct</i>	-1.79
		<i>For >250 To 500, Deduct</i>	-2.23
		<i>For >500, Deduct</i>	-2.68
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.16
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.80
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.67
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.50
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73

05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.16
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.38
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.50
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.00
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.64
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.38
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.19
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.27
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.86
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.51
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.87
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.72
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.75
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.61
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.46
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.44	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.34	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.17	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.05	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.20	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.76	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.92	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.15	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.27	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.62	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.69	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.81	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.55	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.08	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.02	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.14	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.07	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.03	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.98	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.08	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.04	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0284	EA		1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.02	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0285			Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0286			1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0287	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.54	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0288	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.59	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0289	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.63	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0290	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.71	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0291	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.98	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0292	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.12	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0293	EA		1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.28	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0294	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.59	
			<i>For >100 To 250, Deduct</i>	-1.35	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0295	EA		1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.78	
			<i>For >100 To 250, Deduct</i>	-1.35	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0296	EA		1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.92	
			<i>For >100 To 250, Deduct</i>	-1.35	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0297	EA		1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.25	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0298	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.38	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0299	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.50	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0300	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.86	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0301	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.04	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0302	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.21	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0303			5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0304	EA		5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.63	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0305	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.67	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0306	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.73	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.91	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.84	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.11	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.25	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.49	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.80	
		For >100 To 250, Deduct	-1.35	
		For >250 To 500, Deduct	-1.69	
		For >500, Deduct	-2.02	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.99	
		For >100 To 250, Deduct	-1.35	
		For >250 To 500, Deduct	-1.69	
		For >500, Deduct	-2.02	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.17	
		For >100 To 250, Deduct	-1.35	
		For >250 To 500, Deduct	-1.69	
		For >500, Deduct	-2.02	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.72	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.73	
		For >500, Deduct	-2.08	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.78	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.73	
		For >500, Deduct	-2.08	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.02	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.73	
		For >500, Deduct	-2.08	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.53	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.14	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.86	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.14	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.18	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.14	
05 05 23 00-0320		3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.69	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.72	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.83	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.95	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.26	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.39	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.61	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.02	
		For >100 To 250, Deduct	-1.35	
		For >250 To 500, Deduct	-1.69	
		For >500, Deduct	-2.02	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.53	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.76	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.25	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.47	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.85	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.32	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.82	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.23	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0337		7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.84	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.94	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.20	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.59	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.77	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.95	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.36	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.36	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.81	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.13	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.33	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.54	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.02	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0351	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.31	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0352	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.60	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0353			1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0354	EA		1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.98	
			<i>For >100 To 250, Deduct</i>	-1.46	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0355	EA		1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.12	
			<i>For >100 To 250, Deduct</i>	-1.46	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0356	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.26	
			<i>For >100 To 250, Deduct</i>	-1.46	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0357	EA		1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.69	
			<i>For >100 To 250, Deduct</i>	-1.50	
			<i>For >250 To 500, Deduct</i>	-1.87	
			<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0358	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.91	
			<i>For >100 To 250, Deduct</i>	-1.50	
			<i>For >250 To 500, Deduct</i>	-1.87	
			<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0359	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.15	
			<i>For >100 To 250, Deduct</i>	-1.50	
			<i>For >250 To 500, Deduct</i>	-1.87	
			<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0360	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.55	
			<i>For >100 To 250, Deduct</i>	-1.53	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0361	EA		1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.34	
			<i>For >100 To 250, Deduct</i>	-1.53	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0362	EA		1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.39	
			<i>For >100 To 250, Deduct</i>	-1.53	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0363	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.10	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0364	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.41	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0365	EA		1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.19	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0366	EA		1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.08	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0367	EA		1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.53	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0368	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.69	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0369	EA		1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.69	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0370	EA		1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.47	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0371	EA		1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.56	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0372	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.98	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0373			9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0374	EA 9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.40	
	<i>For >100 To 250, Deduct</i>	-1.46	
	<i>For >250 To 500, Deduct</i>	-1.83	
	<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0375	EA 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.66	
	<i>For >100 To 250, Deduct</i>	-1.46	
	<i>For >250 To 500, Deduct</i>	-1.83	
	<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0376	EA 9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.89	
	<i>For >100 To 250, Deduct</i>	-1.46	
	<i>For >250 To 500, Deduct</i>	-1.83	
	<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0377	EA 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.32	
	<i>For >100 To 250, Deduct</i>	-1.50	
	<i>For >250 To 500, Deduct</i>	-1.87	
	<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0378	EA 9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.64	
	<i>For >100 To 250, Deduct</i>	-1.50	
	<i>For >250 To 500, Deduct</i>	-1.87	
	<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0379	EA 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.99	
	<i>For >100 To 250, Deduct</i>	-1.50	
	<i>For >250 To 500, Deduct</i>	-1.87	
	<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0380	EA 9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.58	
	<i>For >100 To 250, Deduct</i>	-1.53	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0381	EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.95	
	<i>For >100 To 250, Deduct</i>	-1.53	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0382	EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.30	
	<i>For >100 To 250, Deduct</i>	-1.53	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0383	EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.88	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0384	EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.26	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0385	EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.53	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0386	EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.27	
	<i>For >100 To 250, Deduct</i>	-1.60	
	<i>For >250 To 500, Deduct</i>	-2.01	
	<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0387	EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.79	
	<i>For >100 To 250, Deduct</i>	-1.60	
	<i>For >250 To 500, Deduct</i>	-2.01	
	<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0388	EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.66	
	<i>For >100 To 250, Deduct</i>	-1.60	
	<i>For >250 To 500, Deduct</i>	-2.01	
	<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0389	EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.68	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0390	EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.00	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0391	EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.31	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0392	EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.10	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0393	5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0394	EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.58	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0395	EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.67	
	<i>For >100 To 250, Deduct</i>	-1.64	
	<i>For >250 To 500, Deduct</i>	-2.05	
	<i>For >500, Deduct</i>	-2.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0396 EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....9.75 <i>For >100 To 250, Deduct</i> -1.64 <i>For >250 To 500, Deduct</i> -2.05 <i>For >500, Deduct</i> -2.46	9.75	
05 05 23 00-0397 EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.17 <i>For >100 To 250, Deduct</i> -1.68 <i>For >250 To 500, Deduct</i> -2.10 <i>For >500, Deduct</i> -2.52	10.17	
05 05 23 00-0398 EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.59 <i>For >100 To 250, Deduct</i> -1.68 <i>For >250 To 500, Deduct</i> -2.10 <i>For >500, Deduct</i> -2.52	10.59	
05 05 23 00-0399 EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.97 <i>For >100 To 250, Deduct</i> -1.68 <i>For >250 To 500, Deduct</i> -2.10 <i>For >500, Deduct</i> -2.52	10.97	
05 05 23 00-0400 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....11.54 <i>For >100 To 250, Deduct</i> -1.71 <i>For >250 To 500, Deduct</i> -2.14 <i>For >500, Deduct</i> -2.57	11.54	
05 05 23 00-0401 EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....12.27 <i>For >100 To 250, Deduct</i> -1.71 <i>For >250 To 500, Deduct</i> -2.14 <i>For >500, Deduct</i> -2.57	12.27	
05 05 23 00-0402 EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....12.67 <i>For >100 To 250, Deduct</i> -1.71 <i>For >250 To 500, Deduct</i> -2.14 <i>For >500, Deduct</i> -2.57	12.67	
05 05 23 00-0403 EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....13.05 <i>For >100 To 250, Deduct</i> -1.75 <i>For >250 To 500, Deduct</i> -2.19 <i>For >500, Deduct</i> -2.63	13.05	
05 05 23 00-0404 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....13.69 <i>For >100 To 250, Deduct</i> -1.75 <i>For >250 To 500, Deduct</i> -2.19 <i>For >500, Deduct</i> -2.63	13.69	
05 05 23 00-0405 EA 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....14.69 <i>For >100 To 250, Deduct</i> -1.75 <i>For >250 To 500, Deduct</i> -2.19 <i>For >500, Deduct</i> -2.63	14.69	
05 05 23 00-0406 EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....15.78 <i>For >100 To 250, Deduct</i> -1.79 <i>For >250 To 500, Deduct</i> -2.23 <i>For >500, Deduct</i> -2.68	15.78	
05 05 23 00-0407 EA 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....16.61 <i>For >100 To 250, Deduct</i> -1.79 <i>For >250 To 500, Deduct</i> -2.23 <i>For >500, Deduct</i> -2.68	16.61	
05 05 23 00-0408 EA 5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....16.73 <i>For >100 To 250, Deduct</i> -1.79 <i>For >250 To 500, Deduct</i> -2.23 <i>For >500, Deduct</i> -2.68	16.73	
05 05 23 00-0409 EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....18.41 <i>For >100 To 250, Deduct</i> -1.82 <i>For >250 To 500, Deduct</i> -2.28 <i>For >500, Deduct</i> -2.73	18.41	
05 05 23 00-0410 EA 5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....19.53 <i>For >100 To 250, Deduct</i> -1.82 <i>For >250 To 500, Deduct</i> -2.28 <i>For >500, Deduct</i> -2.73	19.53	
05 05 23 00-0411 EA 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....21.16 <i>For >100 To 250, Deduct</i> -1.82 <i>For >250 To 500, Deduct</i> -2.28 <i>For >500, Deduct</i> -2.73	21.16	
05 05 23 00-0412 EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....21.74 <i>For >100 To 250, Deduct</i> -1.82 <i>For >250 To 500, Deduct</i> -2.28 <i>For >500, Deduct</i> -2.73	21.74	
05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285) .....10.52	10.52	
05 05 23 00-0414 EA 3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.52 <i>For >100 To 250, Deduct</i> -1.64 <i>For >250 To 500, Deduct</i> -2.05 <i>For >500, Deduct</i> -2.46	10.52	
05 05 23 00-0415 EA 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.68 <i>For >100 To 250, Deduct</i> -1.64 <i>For >250 To 500, Deduct</i> -2.05 <i>For >500, Deduct</i> -2.46	10.68	
05 05 23 00-0416 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....10.77 <i>For >100 To 250, Deduct</i> -1.64 <i>For >250 To 500, Deduct</i> -2.05 <i>For >500, Deduct</i> -2.46	10.77	
05 05 23 00-0417 EA 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....11.31 <i>For >100 To 250, Deduct</i> -1.68 <i>For >250 To 500, Deduct</i> -2.10 <i>For >500, Deduct</i> -2.52	11.31	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.73	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.36	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.97	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.38	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.24	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.82	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.53	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.39	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.80	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.70	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.21	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.73	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.19	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.67	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.04	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.60	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.80	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.08	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.55	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.39	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.95	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.56	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.54	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.29	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.83	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.45	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.11	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.25	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.41	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.49	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.36	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.50	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.48	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.45	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.46	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.53	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.34	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.15	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.75	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.70	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.65	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.03	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.20	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.50	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.42	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.85	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.90	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.49	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	34.25	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	34.77	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	36.18	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	37.15	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0097)05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.57	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.66	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.71	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.82	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.06	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.18	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.29	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.48	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.80	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.10	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.44	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.60	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.81	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.14	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.53	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.71	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0490		5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.65	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.71	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.90	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.94	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.22	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.50	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.59	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.93	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.11	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.52	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.95	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.10	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.34	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.70	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.87	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.22	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0507		3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.85	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.87	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.89	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.11	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.42	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.64	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.84	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.66	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.91	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.96	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.25	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.53	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.77	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.26	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.81	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.12	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.99	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.02	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.37	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.58	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.98	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0530	EA		7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 9.19		
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.87	
			For >500, Deduct	-2.24	
05 05 23 00-0531	EA		7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 9.41		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0532	EA		7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 10.29		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0533	EA		7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 10.97		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0534	EA		7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 11.61		
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.35	
05 05 23 00-0535	EA		7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 11.85		
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.35	
05 05 23 00-0536	EA		7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 12.20		
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.35	
05 05 23 00-0537	EA		7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 12.92		
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0538	EA		7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 14.07		
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0539	EA		7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 14.16		
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0541	EA		1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 8.22		
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-1.83	
			For >500, Deduct	-2.19	
05 05 23 00-0542	EA		1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 8.47		
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-1.83	
			For >500, Deduct	-2.19	
05 05 23 00-0543	EA		1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 8.63		
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-1.83	
			For >500, Deduct	-2.19	
05 05 23 00-0544	EA		1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 8.98		
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.87	
			For >500, Deduct	-2.24	
05 05 23 00-0545	EA		1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 9.26		
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.87	
			For >500, Deduct	-2.24	
05 05 23 00-0546	EA		1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 9.89		
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.87	
			For >500, Deduct	-2.24	
05 05 23 00-0547	EA		1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 10.51		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0548	EA		1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 10.88		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0549	EA		1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 11.15		
			For >100 To 250, Deduct	-1.53	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.30	
05 05 23 00-0550	EA		1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt 11.79		
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.35	
05 05 23 00-0551	EA		1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... 12.59		
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.35	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.32	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.14	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.47	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.38	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.09	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.75	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.09	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.73	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0560		9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.45	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.61	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.96	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.66	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.79	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.31	
		<i>For >100 To 250, Deduct</i>	-1.50	
		<i>For >250 To 500, Deduct</i>	-1.87	
		<i>For >500, Deduct</i>	-2.24	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.83	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.53	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.86	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.31	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.04	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.82	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.26	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0574	EA		9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.29	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0575	EA		9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.66	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0576			5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0577	EA		5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.91	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0578	EA		5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.06	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0579	EA		5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.46	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0580	EA		5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.21	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0581	EA		5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.68	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0582	EA		5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.93	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0583	EA		5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.29	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-0584	EA		5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.13	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-0585	EA		5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.49	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-0586	EA		5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.07	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-0587	EA		5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.46	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-0588	EA		5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.28	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-0589	EA		5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.42	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-0590	EA		5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.36	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-0591	EA		5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.75	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-0592	EA		5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.59	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-0593	EA		5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.43	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-0594	EA		5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.57	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-0595	EA		5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.29	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-0596			3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.79	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.95	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.06	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.49	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.83	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.83	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.43	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.52	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.88	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.55	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.26	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.59	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.40	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.11	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.48	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.41	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.70	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.63	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.97	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.10	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.54	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.70	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.85	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.32	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.50	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.32	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.39	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.58	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.66	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.87	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.04	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.32	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.53	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.90	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.22	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	35.98	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.35	
		For >100 To 250, Deduct	-1.82	
		For >250 To 500, Deduct	-2.28	
		For >500, Deduct	-2.73	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.46	
		For >100 To 250, Deduct	-1.82	
		For >250 To 500, Deduct	-2.28	
		For >500, Deduct	-2.73	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.13	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.95	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.50	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.10
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.43
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.21
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.22
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.97
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.69
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.44
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.64
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.36
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	36.78
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	38.00
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.19
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	43.15
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01

 05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)

 05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.70
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.71
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.73
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.96
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.25
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.38
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.44
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.64
		<i>For >100 To 250, Deduct</i>	-1.35
		<i>For >250 To 500, Deduct</i>	-1.69
		<i>For >500, Deduct</i>	-2.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0664 EA 1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.80	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-1.69	
For >500, Deduct	-2.02	
05 05 23 00-0665 EA 1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.84	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-1.69	
For >500, Deduct	-2.02	
05 05 23 00-0666 EA 1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.14	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	
05 05 23 00-0667 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.27	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	
05 05 23 00-0668 EA 1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.33	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	
05 05 23 00-0669 EA 1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.64	
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-1.78	
For >500, Deduct	-2.14	
05 05 23 00-0670 EA 1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.02	
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-1.78	
For >500, Deduct	-2.14	
05 05 23 00-0671 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.51	
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-1.78	
For >500, Deduct	-2.14	
05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0673 EA 5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.59	
For >100 To 250, Deduct	-1.28	
For >250 To 500, Deduct	-1.60	
For >500, Deduct	-1.91	
05 05 23 00-0674 EA 5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.03	
For >100 To 250, Deduct	-1.28	
For >250 To 500, Deduct	-1.60	
For >500, Deduct	-1.91	
05 05 23 00-0675 EA 5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.07	
For >100 To 250, Deduct	-1.28	
For >250 To 500, Deduct	-1.60	
For >500, Deduct	-1.91	
05 05 23 00-0676 EA 5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.09	
For >100 To 250, Deduct	-1.28	
For >250 To 500, Deduct	-1.60	
For >500, Deduct	-1.91	
05 05 23 00-0677 EA 5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.47	
For >100 To 250, Deduct	-1.31	
For >250 To 500, Deduct	-1.64	
For >500, Deduct	-1.97	
05 05 23 00-0678 EA 5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.88	
For >100 To 250, Deduct	-1.31	
For >250 To 500, Deduct	-1.64	
For >500, Deduct	-1.97	
05 05 23 00-0679 EA 5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.96	
For >100 To 250, Deduct	-1.31	
For >250 To 500, Deduct	-1.64	
For >500, Deduct	-1.97	
05 05 23 00-0680 EA 5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.25	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-1.69	
For >500, Deduct	-2.02	
05 05 23 00-0681 EA 5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.29	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-1.69	
For >500, Deduct	-2.02	
05 05 23 00-0682 EA 5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-1.69	
For >500, Deduct	-2.02	
05 05 23 00-0683 EA 5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.90	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	
05 05 23 00-0684 EA 5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.02	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	
05 05 23 00-0685 EA 5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.34	
For >100 To 250, Deduct	-1.39	
For >250 To 500, Deduct	-1.73	
For >500, Deduct	-2.08	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.17
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.67
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.73
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.83
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.94
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.20
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.91
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.72
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28
		<i>For >100 To 250, Deduct</i>	-1.35
		<i>For >250 To 500, Deduct</i>	-1.69
		<i>For >500, Deduct</i>	-2.02
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.39
		<i>For >100 To 250, Deduct</i>	-1.35
		<i>For >250 To 500, Deduct</i>	-1.69
		<i>For >500, Deduct</i>	-2.02
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.66
		<i>For >100 To 250, Deduct</i>	-1.35
		<i>For >250 To 500, Deduct</i>	-1.69
		<i>For >500, Deduct</i>	-2.02
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.73
		<i>For >500, Deduct</i>	-2.08
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.33
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.73
		<i>For >500, Deduct</i>	-2.08
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.39
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.73
		<i>For >500, Deduct</i>	-2.08
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.61
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.64
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.08
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.14

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.31
		<i>For >100 To 250, Deduct</i>	-1.46
		<i>For >250 To 500, Deduct</i>	-1.83
		<i>For >500, Deduct</i>	-2.19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0708	EA 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.78	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0709	EA 7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.15	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0710	EA 7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.95	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0711	EA 7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.98	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0712	EA 7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.02	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0713	EA 7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.50	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0714	EA 7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.84	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0715	EA 7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.15	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0716	EA 7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.67	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-0717	EA 7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.03	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0719	EA 1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.10	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0720	EA 1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.26	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0721	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.57	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0722	EA 1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.10	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0723	EA 1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.35	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0724	EA 1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.79	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0725	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.05	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0726	EA 1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.21	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0727	EA 1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.57	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0728	EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.91	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-0729	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.30	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.34
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.60
		<i>For >100 To 250, Deduct</i>	-1.60
		<i>For >250 To 500, Deduct</i>	-2.01
		<i>For >500, Deduct</i>	-2.41
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.70
		<i>For >100 To 250, Deduct</i>	-1.60
		<i>For >250 To 500, Deduct</i>	-2.01
		<i>For >500, Deduct</i>	-2.41
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.00
		<i>For >100 To 250, Deduct</i>	-1.60
		<i>For >250 To 500, Deduct</i>	-2.01
		<i>For >500, Deduct</i>	-2.41
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.62
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.86
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.91
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.05
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.81
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97
		<i>For >100 To 250, Deduct</i>	-1.64
		<i>For >250 To 500, Deduct</i>	-2.05
		<i>For >500, Deduct</i>	-2.46
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.42
		<i>For >100 To 250, Deduct</i>	-1.68
		<i>For >250 To 500, Deduct</i>	-2.10
		<i>For >500, Deduct</i>	-2.52
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78
		<i>For >100 To 250, Deduct</i>	-1.68
		<i>For >250 To 500, Deduct</i>	-2.10
		<i>For >500, Deduct</i>	-2.52
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.56
		<i>For >100 To 250, Deduct</i>	-1.68
		<i>For >250 To 500, Deduct</i>	-2.10
		<i>For >500, Deduct</i>	-2.52
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.87
		<i>For >100 To 250, Deduct</i>	-1.71
		<i>For >250 To 500, Deduct</i>	-2.14
		<i>For >500, Deduct</i>	-2.57
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.01
		<i>For >100 To 250, Deduct</i>	-1.71
		<i>For >250 To 500, Deduct</i>	-2.14
		<i>For >500, Deduct</i>	-2.57
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.25
		<i>For >100 To 250, Deduct</i>	-1.71
		<i>For >250 To 500, Deduct</i>	-2.14
		<i>For >500, Deduct</i>	-2.57
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.75
		<i>For >100 To 250, Deduct</i>	-1.75
		<i>For >250 To 500, Deduct</i>	-2.19
		<i>For >500, Deduct</i>	-2.63
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03
		<i>For >100 To 250, Deduct</i>	-1.75
		<i>For >250 To 500, Deduct</i>	-2.19
		<i>For >500, Deduct</i>	-2.63
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.84
		<i>For >100 To 250, Deduct</i>	-1.75
		<i>For >250 To 500, Deduct</i>	-2.19
		<i>For >500, Deduct</i>	-2.63
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.07
		<i>For >100 To 250, Deduct</i>	-1.79
		<i>For >250 To 500, Deduct</i>	-2.23
		<i>For >500, Deduct</i>	-2.68

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 05 23 00-0752	EA 5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.49 -1.79 -2.23 -2.68	
	05 05 23 00-0753	EA 5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.91 -1.79 -2.23 -2.68	
	05 05 23 00-0754	EA 5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.69 -1.82 -2.28 -2.73	
	05 05 23 00-0755	EA 5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.36 -1.82 -2.28 -2.73	
	05 05 23 00-0756	EA 5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.89 -1.82 -2.28 -2.73	
	05 05 23 00-0757	EA 5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.01 -1.82 -2.28 -2.73	
	05 05 23 00-0758	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
	05 05 23 00-0759	EA 3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.72 -1.64 -2.05 -2.46	
	05 05 23 00-0760	EA 3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.77 -1.64 -2.05 -2.46	
	05 05 23 00-0761	EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	11.06 -1.64 -2.05 -2.46	
	05 05 23 00-0762	EA 3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	11.90 -1.68 -2.10 -2.52	
	05 05 23 00-0763	EA 3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.01 -1.68 -2.10 -2.52	
	05 05 23 00-0764	EA 3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.72 -1.68 -2.10 -2.52	
	05 05 23 00-0765	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.28 -1.71 -2.14 -2.57	
	05 05 23 00-0766	EA 3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.34 -1.71 -2.14 -2.57	
	05 05 23 00-0767	EA 3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.50 -1.71 -2.14 -2.57	
	05 05 23 00-0768	EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.78 -1.75 -2.19 -2.63	
	05 05 23 00-0769	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.72 -1.75 -2.19 -2.63	
	05 05 23 00-0770	EA 3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.11 -1.75 -2.19 -2.63	
	05 05 23 00-0771	EA 3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.05 -1.79 -2.23 -2.68	
	05 05 23 00-0772	EA 3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.18 -1.79 -2.23 -2.68	
	05 05 23 00-0773	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.56 -1.79 -2.23 -2.68	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.31
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.72
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.94
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.06
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.92
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.38
		<i>For >100 To 250, Deduct</i>	-1.82
		<i>For >250 To 500, Deduct</i>	-2.28
		<i>For >500, Deduct</i>	-2.73
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.82
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.19
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.55
		<i>For >100 To 250, Deduct</i>	-1.86
		<i>For >250 To 500, Deduct</i>	-2.33
		<i>For >500, Deduct</i>	-2.79
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.19
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.69
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.32
		<i>For >100 To 250, Deduct</i>	-1.90
		<i>For >250 To 500, Deduct</i>	-2.37
		<i>For >500, Deduct</i>	-2.85
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.95
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.44
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.36
		<i>For >100 To 250, Deduct</i>	-1.93
		<i>For >250 To 500, Deduct</i>	-2.42
		<i>For >500, Deduct</i>	-2.90
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.09
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.00
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.22
		<i>For >100 To 250, Deduct</i>	-1.97
		<i>For >250 To 500, Deduct</i>	-2.46
		<i>For >500, Deduct</i>	-2.96
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.65
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.16
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.79
		<i>For >100 To 250, Deduct</i>	-2.01
		<i>For >250 To 500, Deduct</i>	-2.51
		<i>For >500, Deduct</i>	-3.01

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.39	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0797		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex		
		Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.10	
		For >100 To 250, Deduct	-1.82	
		For >250 To 500, Deduct	-2.28	
		For >500, Deduct	-2.73	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.43	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.28	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.96	
		For >100 To 250, Deduct	-1.86	
		For >250 To 500, Deduct	-2.33	
		For >500, Deduct	-2.79	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.68	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.02	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.01	
		For >100 To 250, Deduct	-1.90	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-2.85	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.30	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.66	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.03	
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-2.90	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.84	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.25	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.64	
		For >100 To 250, Deduct	-1.97	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-2.96	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.24	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.37	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.23	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.50	
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-2.51	
		For >500, Deduct	-3.01	
05 05 23 00-0815		304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816		1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.59	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.67	
		For >100 To 250, Deduct	-1.28	
		For >250 To 500, Deduct	-1.60	
		For >500, Deduct	-1.91	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.78	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.89	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.18	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.35	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.54	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.87	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.11	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.33	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.70	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.07	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.44	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.77	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.98	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.47	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-0833		5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.74	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.82	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.97	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.10	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.51	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.59	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.00	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0841	EA		5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt 8.47 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0842	EA		5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 8.92 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0843	EA		5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt 9.15 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0844	EA		5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 10.04 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0845	EA		5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt 11.18 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0846	EA		5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 13.79 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0847	EA		5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt 18.19 <i>For >100 To 250, Deduct</i> -1.42 <i>For >250 To 500, Deduct</i> -1.78 <i>For >500, Deduct</i> -2.14		

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0849	EA		3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 6.94 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.91		
05 05 23 00-0850	EA		3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt 7.03 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.91		
05 05 23 00-0851	EA		3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 7.28 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.91		
05 05 23 00-0852	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 7.59 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.91		
05 05 23 00-0853	EA		3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 7.93 <i>For >100 To 250, Deduct</i> -1.31 <i>For >250 To 500, Deduct</i> -1.64 <i>For >500, Deduct</i> -1.97		
05 05 23 00-0854	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt 8.18 <i>For >100 To 250, Deduct</i> -1.31 <i>For >250 To 500, Deduct</i> -1.64 <i>For >500, Deduct</i> -1.97		
05 05 23 00-0855	EA		3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 8.51 <i>For >100 To 250, Deduct</i> -1.31 <i>For >250 To 500, Deduct</i> -1.64 <i>For >500, Deduct</i> -1.97		
05 05 23 00-0856	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt 8.99 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0857	EA		3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 9.38 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0858	EA		3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt 10.24 <i>For >100 To 250, Deduct</i> -1.35 <i>For >250 To 500, Deduct</i> -1.69 <i>For >500, Deduct</i> -2.02		
05 05 23 00-0859	EA		3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 10.53 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0860	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt 11.24 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0861	EA		3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 12.75 <i>For >100 To 250, Deduct</i> -1.39 <i>For >250 To 500, Deduct</i> -1.73 <i>For >500, Deduct</i> -2.08		
05 05 23 00-0862	EA		3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt 13.29 <i>For >100 To 250, Deduct</i> -1.42 <i>For >250 To 500, Deduct</i> -1.78 <i>For >500, Deduct</i> -2.14		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0863	EA 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.51	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.14	
05 05 23 00-0864	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.02	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.14	
05 05 23 00-0865	7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0866	EA 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.66	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0867	EA 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.76	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0868	EA 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.16	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0869	EA 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.58	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0870	EA 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.06	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0871	EA 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.86	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0872	EA 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.41	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0873	EA 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.35	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0874	EA 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.76	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-0875	EA 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.22	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-0876	EA 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.65	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-0877	EA 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.84	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-0878	EA 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.19	
	For >100 To 250, Deduct	-1.60	
	For >250 To 500, Deduct	-2.01	
	For >500, Deduct	-2.41	
05 05 23 00-0879	1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0880	EA 1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.65	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0881	EA 1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.76	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0882	EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.39	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-0883	EA 1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.82	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0884	EA 1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.39	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-0885	EA 1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.70	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.30	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.30	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.30	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.62	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.35	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.30	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.35	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.06	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.35	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.37	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.83	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.26	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.54	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.51	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	-1.46	
		For >250 To 500, Deduct	-1.83	
		For >500, Deduct	-2.19	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.24	
		For >100 To 250, Deduct	-1.46	
		For >250 To 500, Deduct	-1.83	
		For >500, Deduct	-2.19	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.53	
		For >100 To 250, Deduct	-1.46	
		For >250 To 500, Deduct	-1.83	
		For >500, Deduct	-2.19	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.17	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.87	
		For >500, Deduct	-2.24	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.98	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.87	
		For >500, Deduct	-2.24	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.39	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.87	
		For >500, Deduct	-2.24	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.65	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.30	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.97	
		For >100 To 250, Deduct	-1.53	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.30	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.97	
		<i>For >100 To 250, Deduct</i>	-1.53	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.30	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.55	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.15	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0911		5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0915)</small>		
05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.67	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.96	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.21	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.60	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.19	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.04	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.28	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.29	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.24	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.96	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.81	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.94	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.84	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.26	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.90	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.69	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.53	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.25	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	33.78 -1.82 -2.28 -2.73	
05 05 23 00-0931		3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.03 -1.64 -2.05 -2.46	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.61 -1.64 -2.05 -2.46	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.38 -1.64 -2.05 -2.46	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.39 -1.68 -2.10 -2.52	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.24 -1.68 -2.10 -2.52	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.66 -1.68 -2.10 -2.52	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	17.69 -1.71 -2.14 -2.57	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	19.02 -1.71 -2.14 -2.57	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	20.08 -1.71 -2.14 -2.57	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	21.36 -1.75 -2.19 -2.63	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	22.59 -1.75 -2.19 -2.63	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	24.91 -1.75 -2.19 -2.63	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	31.25 -1.79 -2.23 -2.68	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	33.22 -1.79 -2.23 -2.68	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	37.42 -1.79 -2.23 -2.68	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	37.80 -1.82 -2.28 -2.73	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	38.46 -1.82 -2.28 -2.73	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	40.25 -1.82 -2.28 -2.73	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	41.64 -1.82 -2.28 -2.73	
05 05 23 00-0951		7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.58 -1.82 -2.28 -2.73	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0953	EA 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.04	
	For >100 To 250, Deduct	-1.82	
	For >250 To 500, Deduct	-2.28	
	For >500, Deduct	-2.73	
05 05 23 00-0954	EA 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.33	
	For >100 To 250, Deduct	-1.86	
	For >250 To 500, Deduct	-2.33	
	For >500, Deduct	-2.79	
05 05 23 00-0955	EA 7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.81	
	For >100 To 250, Deduct	-1.86	
	For >250 To 500, Deduct	-2.33	
	For >500, Deduct	-2.79	
05 05 23 00-0956	EA 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.29	
	For >100 To 250, Deduct	-1.86	
	For >250 To 500, Deduct	-2.33	
	For >500, Deduct	-2.79	
05 05 23 00-0957	EA 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.69	
	For >100 To 250, Deduct	-1.90	
	For >250 To 500, Deduct	-2.37	
	For >500, Deduct	-2.85	
05 05 23 00-0958	EA 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.16	
	For >100 To 250, Deduct	-1.90	
	For >250 To 500, Deduct	-2.37	
	For >500, Deduct	-2.85	
05 05 23 00-0959	EA 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.37	
	For >100 To 250, Deduct	-1.90	
	For >250 To 500, Deduct	-2.37	
	For >500, Deduct	-2.85	
05 05 23 00-0960	EA 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.03	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.42	
	For >500, Deduct	-2.90	
05 05 23 00-0961	EA 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.26	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.42	
	For >500, Deduct	-2.90	
05 05 23 00-0962	EA 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.06	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.42	
	For >500, Deduct	-2.90	
05 05 23 00-0963	EA 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.85	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0964	EA 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.90	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0965	EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.36	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0966	EA 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.00	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.51	
	For >500, Deduct	-3.01	
05 05 23 00-0967	EA 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.98	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.51	
	For >500, Deduct	-3.01	
05 05 23 00-0968	EA 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.74	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.51	
	For >500, Deduct	-3.01	
05 05 23 00-0969	EA 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.50	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.51	
	For >500, Deduct	-3.01	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0971	EA 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.10	
	For >100 To 250, Deduct	-1.82	
	For >250 To 500, Deduct	-2.28	
	For >500, Deduct	-2.73	
05 05 23 00-0972	EA 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.17	
	For >100 To 250, Deduct	-1.82	
	For >250 To 500, Deduct	-2.28	
	For >500, Deduct	-2.73	
05 05 23 00-0973	EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.93	
	For >100 To 250, Deduct	-1.86	
	For >250 To 500, Deduct	-2.33	
	For >500, Deduct	-2.79	
05 05 23 00-0974	EA 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.27	
	For >100 To 250, Deduct	-1.86	
	For >250 To 500, Deduct	-2.33	
	For >500, Deduct	-2.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0975	EA		1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.47	
			For >100 To 250, Deduct	-1.86	
			For >250 To 500, Deduct	-2.33	
			For >500, Deduct	-2.79	
05 05 23 00-0976	EA		1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.12	
			For >100 To 250, Deduct	-1.90	
			For >250 To 500, Deduct	-2.37	
			For >500, Deduct	-2.85	
05 05 23 00-0977	EA		1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.66	
			For >100 To 250, Deduct	-1.90	
			For >250 To 500, Deduct	-2.37	
			For >500, Deduct	-2.85	
05 05 23 00-0978	EA		1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.92	
			For >100 To 250, Deduct	-1.90	
			For >250 To 500, Deduct	-2.37	
			For >500, Deduct	-2.85	
05 05 23 00-0979	EA		1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.22	
			For >100 To 250, Deduct	-1.93	
			For >250 To 500, Deduct	-2.42	
			For >500, Deduct	-2.90	
05 05 23 00-0980	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.35	
			For >100 To 250, Deduct	-1.93	
			For >250 To 500, Deduct	-2.42	
			For >500, Deduct	-2.90	
05 05 23 00-0981	EA		1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.42	
			For >100 To 250, Deduct	-1.93	
			For >250 To 500, Deduct	-2.42	
			For >500, Deduct	-2.90	
05 05 23 00-0982	EA		1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	49.28	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.96	
05 05 23 00-0983	EA		1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.42	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.96	
05 05 23 00-0984	EA		1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.56	
			For >100 To 250, Deduct	-1.97	
			For >250 To 500, Deduct	-2.46	
			For >500, Deduct	-2.96	
05 05 23 00-0985	EA		1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.03	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.01	
05 05 23 00-0986	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	57.54	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.01	
05 05 23 00-0987	EA		1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	73.46	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.01	
05 05 23 00-0988	EA		1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	92.01	
			For >100 To 250, Deduct	-2.01	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.01	
05 05 23 00-0989			316 Stainless Steel, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0990			1/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-0991	EA		1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.75	
			For >100 To 250, Deduct	-1.28	
			For >250 To 500, Deduct	-1.60	
			For >500, Deduct	-1.91	
05 05 23 00-0992	EA		1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.92	
			For >100 To 250, Deduct	-1.28	
			For >250 To 500, Deduct	-1.60	
			For >500, Deduct	-1.91	
05 05 23 00-0993	EA		1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.04	
			For >100 To 250, Deduct	-1.28	
			For >250 To 500, Deduct	-1.60	
			For >500, Deduct	-1.91	
05 05 23 00-0994	EA		2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.12	
			For >100 To 250, Deduct	-1.28	
			For >250 To 500, Deduct	-1.60	
			For >500, Deduct	-1.91	
05 05 23 00-0995	EA		2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.54	
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-1.64	
			For >500, Deduct	-1.97	
05 05 23 00-0996	EA		3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.76	
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-1.64	
			For >500, Deduct	-1.97	
05 05 23 00-0997	EA		3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.98	
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-1.64	
			For >500, Deduct	-1.97	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0998	EA 4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	8.33	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-0999	EA 4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.51	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-1000	EA 5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	8.59	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-1001	EA 5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.34	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-1.73	
	For >500, Deduct	-2.08	
05 05 23 00-1002	EA 6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	9.49	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-1.73	
	For >500, Deduct	-2.08	
05 05 23 00-1003	EA 6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	15.07	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-1.73	
	For >500, Deduct	-2.08	
05 05 23 00-1004	EA 7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	22.01	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.14	
05 05 23 00-1005	EA 7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	36.89	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.14	
05 05 23 00-1006	EA 8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	40.29	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.14	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0988)

05 05 23 00-1008	EA 5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	6.98	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.91	
05 05 23 00-1009	EA 5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	7.17	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.91	
05 05 23 00-1010	EA 5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.49	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.91	
05 05 23 00-1011	EA 5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	7.73	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.91	
05 05 23 00-1012	EA 5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.01	
	For >100 To 250, Deduct	-1.31	
	For >250 To 500, Deduct	-1.64	
	For >500, Deduct	-1.97	
05 05 23 00-1013	EA 5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	8.50	
	For >100 To 250, Deduct	-1.31	
	For >250 To 500, Deduct	-1.64	
	For >500, Deduct	-1.97	
05 05 23 00-1014	EA 5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.85	
	For >100 To 250, Deduct	-1.31	
	For >250 To 500, Deduct	-1.64	
	For >500, Deduct	-1.97	
05 05 23 00-1015	EA 5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	9.17	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-1016	EA 5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.91	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-1017	EA 5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	10.05	
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-1.69	
	For >500, Deduct	-2.02	
05 05 23 00-1018	EA 5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.76	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-1.73	
	For >500, Deduct	-2.08	
05 05 23 00-1019	EA 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	11.33	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-1.73	
	For >500, Deduct	-2.08	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.07	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	23.01	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-1022		3/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.48	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.56	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.85	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.56	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.91	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.99	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.12	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.74	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	10.01	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.40	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	10.66	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-1.69	
		<i>For >500, Deduct</i>	-2.02	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.71	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	12.75	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.79	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.73	
		<i>For >500, Deduct</i>	-2.08	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	15.62	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.92	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	24.56	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.14	
05 05 23 00-1039		7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.59	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.03	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.87	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-1.83	
		<i>For >500, Deduct</i>	-2.19	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1043	EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.77	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1044	EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	12.57	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1045	EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.88	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1046	EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	15.32	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1047	EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.55	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1048	EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	16.03	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1049	EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.53	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1050	EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	16.87	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1051	EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.21	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1052	EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	17.67	
	For >100 To 250, Deduct	-1.60	
	For >250 To 500, Deduct	-2.01	
	For >500, Deduct	-2.41	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1054	EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	9.56	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-1055	EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.04	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-1056	EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	10.72	
	For >100 To 250, Deduct	-1.46	
	For >250 To 500, Deduct	-1.83	
	For >500, Deduct	-2.19	
05 05 23 00-1057	EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.70	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1058	EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	12.44	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1059	EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.62	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.87	
	For >500, Deduct	-2.24	
05 05 23 00-1060	EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	13.11	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1061	EA 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.54	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1062	EA 1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	17.44	
	For >100 To 250, Deduct	-1.53	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.30	
05 05 23 00-1063	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.84	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1064	EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	18.30	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 23 00-1065	EA			1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt 21.89		
				<i>For >100 To 250, Deduct</i>	-1.57	
				<i>For >250 To 500, Deduct</i>	-1.96	
				<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1066	EA			1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt 24.47		
				<i>For >100 To 250, Deduct</i>	-1.60	
				<i>For >250 To 500, Deduct</i>	-2.01	
				<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1067	EA			1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt 26.02		
				<i>For >100 To 250, Deduct</i>	-1.60	
				<i>For >250 To 500, Deduct</i>	-2.01	
				<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1068	EA			1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt 28.59		
				<i>For >100 To 250, Deduct</i>	-1.60	
				<i>For >250 To 500, Deduct</i>	-2.01	
				<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1069	EA			1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt 35.58		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1070	EA			1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt 39.97		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1071	EA			1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt 40.69		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1072	EA			1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt 41.81		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1073				9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074	EA			9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 21.59		
				<i>For >100 To 250, Deduct</i>	-1.46	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.19	
05 05 23 00-1075	EA			9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 23.16		
				<i>For >100 To 250, Deduct</i>	-1.46	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.19	
05 05 23 00-1076	EA			9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt 28.44		
				<i>For >100 To 250, Deduct</i>	-1.46	
				<i>For >250 To 500, Deduct</i>	-1.83	
				<i>For >500, Deduct</i>	-2.19	
05 05 23 00-1077	EA			9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt 31.58		
				<i>For >100 To 250, Deduct</i>	-1.50	
				<i>For >250 To 500, Deduct</i>	-1.87	
				<i>For >500, Deduct</i>	-2.24	
05 05 23 00-1078	EA			9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt 34.70		
				<i>For >100 To 250, Deduct</i>	-1.50	
				<i>For >250 To 500, Deduct</i>	-1.87	
				<i>For >500, Deduct</i>	-2.24	
05 05 23 00-1079	EA			9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt 37.82		
				<i>For >100 To 250, Deduct</i>	-1.50	
				<i>For >250 To 500, Deduct</i>	-1.87	
				<i>For >500, Deduct</i>	-2.24	
05 05 23 00-1080	EA			9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt 39.95		
				<i>For >100 To 250, Deduct</i>	-1.53	
				<i>For >250 To 500, Deduct</i>	-1.92	
				<i>For >500, Deduct</i>	-2.30	
05 05 23 00-1081	EA			9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt 42.52		
				<i>For >100 To 250, Deduct</i>	-1.53	
				<i>For >250 To 500, Deduct</i>	-1.92	
				<i>For >500, Deduct</i>	-2.30	
05 05 23 00-1082	EA			9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt 44.80		
				<i>For >100 To 250, Deduct</i>	-1.53	
				<i>For >250 To 500, Deduct</i>	-1.92	
				<i>For >500, Deduct</i>	-2.30	
05 05 23 00-1083	EA			9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt 45.67		
				<i>For >100 To 250, Deduct</i>	-1.57	
				<i>For >250 To 500, Deduct</i>	-1.96	
				<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1084	EA			9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt 47.68		
				<i>For >100 To 250, Deduct</i>	-1.57	
				<i>For >250 To 500, Deduct</i>	-1.96	
				<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1085				5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1086	EA			5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 12.92		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1087	EA			5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 13.06		
				<i>For >100 To 250, Deduct</i>	-1.64	
				<i>For >250 To 500, Deduct</i>	-2.05	
				<i>For >500, Deduct</i>	-2.46	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	13.10	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.18	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	15.11	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.05	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	18.84	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.42	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	22.31	
		<i>For >100 To 250, Deduct</i>	-1.71	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500, Deduct</i>	-2.57	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.18	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	24.91	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.41	
		<i>For >100 To 250, Deduct</i>	-1.75	
		<i>For >250 To 500, Deduct</i>	-2.19	
		<i>For >500, Deduct</i>	-2.63	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	31.22	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.79	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	33.89	
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-2.23	
		<i>For >500, Deduct</i>	-2.68	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.97	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	37.75	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.25	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	55.34	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-1105		3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989).....	16.50	
05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	16.50	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.82	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	18.04	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.05	
		<i>For >500, Deduct</i>	-2.46	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.29	
		<i>For >100 To 250, Deduct</i>	-1.68	
		<i>For >250 To 500, Deduct</i>	-2.10	
		<i>For >500, Deduct</i>	-2.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	21.58	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.90	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	25.91	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.07	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	27.71	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.14	
			For >500, Deduct	-2.57	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.75	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	30.21	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.72	
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.19	
			For >500, Deduct	-2.63	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	41.41	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.48	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	47.25	
			For >100 To 250, Deduct	-1.79	
			For >250 To 500, Deduct	-2.23	
			For >500, Deduct	-2.68	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	50.48	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-1122	EA		3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.17	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-1123	EA		3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.82	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-1124	EA		3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	60.45	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1126	EA		7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.56	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-1127	EA		7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	20.68	
			For >100 To 250, Deduct	-1.82	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-2.73	
05 05 23 00-1128	EA		7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.02	
			For >100 To 250, Deduct	-1.86	
			For >250 To 500, Deduct	-2.33	
			For >500, Deduct	-2.79	
05 05 23 00-1129	EA		7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	24.98	
			For >100 To 250, Deduct	-1.86	
			For >250 To 500, Deduct	-2.33	
			For >500, Deduct	-2.79	
05 05 23 00-1130	EA		7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.31	
			For >100 To 250, Deduct	-1.86	
			For >250 To 500, Deduct	-2.33	
			For >500, Deduct	-2.79	
05 05 23 00-1131	EA		7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.66	
			For >100 To 250, Deduct	-1.90	
			For >250 To 500, Deduct	-2.37	
			For >500, Deduct	-2.85	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.46	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	33.49	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.77	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	35.11	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.40	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	51.56	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.92	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	59.56	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	63.17	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	65.47	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.74	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	70.30	
		<i>For >100 To 250, Deduct</i>	-2.01	
		<i>For >250 To 500, Deduct</i>	-2.51	
		<i>For >500, Deduct</i>	-3.01	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	23.21	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-2.28	
		<i>For >500, Deduct</i>	-2.73	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.66	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	28.84	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.33	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-2.79	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	33.76	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.13	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	38.52	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-2.85	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.10	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	47.27	
		<i>For >100 To 250, Deduct</i>	-1.93	
		<i>For >250 To 500, Deduct</i>	-2.42	
		<i>For >500, Deduct</i>	-2.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1154	EA	1"	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.35	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1155	EA	1"	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	61.85	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1156	EA	1"	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	68.84	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1157	EA	1"	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	69.85	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.46	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1158	EA	1"	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.32	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1159	EA	1"	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	73.28	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1160	EA	1"	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	84.89	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.01	
05 05 23 00-1161	EA	1"	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	96.10	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500, Deduct</i>	-3.01	

05 05 23 00-1162 Screws (05 05 23)
05 05 23 00-1163 Teks® 5 Self Drilling Screws (05 05 23 00-1162)

Note: Screws include Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4"	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.34	
			<i>For >10 To 50, Deduct</i>	-0.15	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100, Deduct</i>	-0.62	
05 05 23 00-1165	EA	12-24 x 1-1/2"	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.45	
			<i>For >10 To 50, Deduct</i>	-0.15	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100, Deduct</i>	-0.63	
05 05 23 00-1166	EA	12-24 x 2"	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.81	
			<i>For >10 To 50, Deduct</i>	-0.16	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100, Deduct</i>	-0.68	
05 05 23 00-1167	EA	1/4"-28 x 3"	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	5.12	
			<i>For >10 To 50, Deduct</i>	-0.20	
			<i>For >50 To 100, Deduct</i>	-0.43	
			<i>For >100, Deduct</i>	-0.86	
05 05 23 00-1168	EA	1/4"-28 x 4"	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	5.45	
			<i>For >10 To 50, Deduct</i>	-0.21	
			<i>For >50 To 100, Deduct</i>	-0.46	
			<i>For >100, Deduct</i>	-0.91	
05 05 23 00-1169	EA	1/4"-28 x 6"	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	6.52	
			<i>For >10 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.50	
			<i>For >100, Deduct</i>	-1.00	
05 05 23 00-1170	EA	1/4"-28 x 8"	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	7.20	
			<i>For >10 To 50, Deduct</i>	-0.23	
			<i>For >50 To 100, Deduct</i>	-0.53	
			<i>For >100, Deduct</i>	-1.06	

05 05 23 00-1171 Security Screws (05 05 23 00-1162)
05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2"	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.67	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.26	
			<i>For >100, Deduct</i>	-0.52	
05 05 23 00-1174	EA	#6 Diameter x 1/2"	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.00	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100, Deduct</i>	-0.53	
05 05 23 00-1175	EA	#6 Diameter x 1"	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.28	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100, Deduct</i>	-0.55	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2"	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.38	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.28	
			<i>For >100, Deduct</i>	-0.55	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
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05 05 23 00-1177	EA #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.56	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.56	
05 05 23 00-1178	EA #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.07	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.27	
	For >100, Deduct	-0.54	
05 05 23 00-1179	EA #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	3.21	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.27	
	For >100, Deduct	-0.54	
05 05 23 00-1180	EA #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.49	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.56	
05 05 23 00-1181	EA #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.57	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.56	
05 05 23 00-1182	EA #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.16	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.27	
	For >100, Deduct	-0.54	
05 05 23 00-1183	EA #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	3.20	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.27	
	For >100, Deduct	-0.54	
05 05 23 00-1184	EA #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.32	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.27	
	For >100, Deduct	-0.55	
05 05 23 00-1185	EA #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.70	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.57	
05 05 23 00-1186	EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.38	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.55	
05 05 23 00-1187	EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	3.46	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.28	
	For >100, Deduct	-0.56	
05 05 23 00-1188	EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.83	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.29	
	For >100, Deduct	-0.57	
05 05 23 00-1189	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.40	
	For >10 To 50, Deduct	-0.13	
	For >50 To 100, Deduct	-0.30	
	For >100, Deduct	-0.60	

05 05 23 00-1190**Threaded Rod** (05 05 23)

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191**Plain Finish Steel, Low Carbon Threaded Rod** (05 05 23 00-1190)

05 05 23 00-1192	LF 1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	2.01	0.46
	For Left Hand Threaded Rod, Add	0.11	
05 05 23 00-1193	LF 5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	2.65	0.51
	For Left Hand Threaded Rod, Add	0.16	
05 05 23 00-1194	LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	3.07	0.58
	For Left Hand Threaded Rod, Add	0.19	
05 05 23 00-1195	LF 7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	4.17	0.60
	For Left Hand Threaded Rod, Add	0.30	
05 05 23 00-1196	LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	4.26	0.62
	For Left Hand Threaded Rod, Add	0.30	
05 05 23 00-1197	LF 9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	5.30	0.63
	For Left Hand Threaded Rod, Add	0.40	
05 05 23 00-1198	LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	5.98	0.64
	For Left Hand Threaded Rod, Add	0.47	
05 05 23 00-1199	LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	9.84	0.66
	For Left Hand Threaded Rod, Add	0.85	
05 05 23 00-1200	LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	10.73	0.68
	For Left Hand Threaded Rod, Add	0.94	
05 05 23 00-1201	LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	14.69	0.77
	For Left Hand Threaded Rod, Add	1.31	
05 05 23 00-1202	LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	18.29	0.87
	For Left Hand Threaded Rod, Add	1.66	
05 05 23 00-1203	LF 1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	24.29	0.94
	For Left Hand Threaded Rod, Add	2.24	
05 05 23 00-1204	LF 1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	30.24	1.02
	For Left Hand Threaded Rod, Add	2.82	
05 05 23 00-1205	LF 1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	36.19	1.06
	For Left Hand Threaded Rod, Add	3.41	
05 05 23 00-1206	LF 1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	44.41	1.11
	For Left Hand Threaded Rod, Add	4.22	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	56.75 5.44	1.17
05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>				
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	2.02 0.11	0.46
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.00 0.20	0.51
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.34 0.22	0.58
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	4.83 0.36	0.60
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.20 0.40	0.62
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	6.83 0.56	0.63
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.26 0.60	0.64
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	10.94 0.96	0.66
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	14.18 1.28	0.68
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	19.04 1.75	0.77
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	24.59 2.29	0.87
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	29.36 2.74	0.94
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	33.38 3.14	1.02
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	42.06 3.99	1.06
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	52.14 4.99	1.11
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	76.13 7.38	1.17
05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>				
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.54 0.44	0.58
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.76 0.65	0.62
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	10.50 0.92	0.64
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	14.44 1.31	0.66
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	20.00 1.86	0.68
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	25.81 2.43	0.77
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	33.97 3.23	0.87
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	44.70 4.28	0.94
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	49.96 4.79	1.02
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	59.50 5.74	1.06
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	72.31 7.01	1.11
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	126.29 12.40	1.17
05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod <small>(05 05 23 00-1190)</small>				
05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	2.67 0.17	0.46
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.98 0.30	0.51
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	5.11 0.39	0.58
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	7.07 0.59	0.60
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	8.46 0.72	0.62
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	12.13 1.09	0.63
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	12.66 1.14	0.64
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	17.70 1.64	0.66
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	24.30 2.29	0.68
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	31.16 2.96	0.77

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1249	LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	65.86 6.39	0.94
05 05 23 00-1250	LF 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	100.23 9.81	1.06
05 05 23 00-1251	LF 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	103.11 10.09	1.11
05 05 23 00-1252	LF 2" Diameter, 304/18-8 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	142.62 14.03	1.17
05 05 23 00-1253	316 Stainless Steel Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1254	LF 1/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	3.83 0.29	0.46
05 05 23 00-1255	LF 5/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	6.13 0.51	0.51
05 05 23 00-1256	LF 3/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	8.12 0.70	0.58
05 05 23 00-1257	LF 7/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	12.64 1.14	0.60
05 05 23 00-1258	LF 1/2" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	13.39 1.22	0.62
05 05 23 00-1259	LF 9/16" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	17.56 1.63	0.63
05 05 23 00-1260	LF 5/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	18.89 1.76	0.64
05 05 23 00-1261	LF 3/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	27.50 2.62	0.66
05 05 23 00-1262	LF 7/8" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	37.61 3.62	0.68
05 05 23 00-1263	LF 1" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	47.57 4.60	0.77
05 05 23 00-1264	LF 1-1/4" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	100.35 9.84	0.94
05 05 23 00-1265	LF 1-1/2" Diameter, 316 Stainless Steel Threaded Rod <i>For Left Hand Threaded Rod, Add</i>	131.51 12.94	1.06
05 05 23 00-1266	Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1267	LF 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	3.52 1.29	0.46
05 05 23 00-1268	LF 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	5.44 2.21	0.51
05 05 23 00-1269	LF 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	5.69 2.26	0.58
05 05 23 00-1270	LF 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	6.22 2.51	0.60
05 05 23 00-1271	LF 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	6.85 2.81	0.62
05 05 23 00-1272	LF 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	8.58 3.66	0.63
05 05 23 00-1273	LF 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	8.86 3.79	0.64
05 05 23 00-1274	LF 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	11.80 5.24	0.66
05 05 23 00-1275	LF 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	14.15 6.39	0.68
05 05 23 00-1276	LF 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	18.37 8.41	0.77
05 05 23 00-1277	LF 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	23.92 11.10	0.87
05 05 23 00-1278	LF 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	26.63 12.35	0.94
05 05 23 00-1279	LF 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	30.75 14.37	1.02
05 05 23 00-1280	LF 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	37.43 17.66	1.06
05 05 23 00-1281	LF 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	38.69 18.24	1.11
05 05 23 00-1282	LF 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	51.98 24.83	1.17
05 05 23 00-1283	Nuts And Washers (05 05 23)		
05 05 23 00-1284	Hex Nuts (05 05 23 00-1283)		
05 05 23 00-1285	Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1286	EA 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.57	0.25
05 05 23 00-1287	EA 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.25
05 05 23 00-1288	EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.25
05 05 23 00-1289	EA 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.80	0.25
05 05 23 00-1290	EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.87	0.25
05 05 23 00-1291	EA 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.18	0.25
05 05 23 00-1292	EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.21	0.25
05 05 23 00-1293	EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.44	0.50
05 05 23 00-1294	EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.14	0.50
05 05 23 00-1295	EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.73	0.50
05 05 23 00-1296	EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.51	0.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1297 EA 1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.54	0.50
05 05 23 00-1298 EA 1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	8.20	0.50
05 05 23 00-1299 EA 1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	9.51	0.76
05 05 23 00-1300 EA 1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	14.00	0.76
05 05 23 00-1301 EA 2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	20.28	0.76
05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1303 EA 1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.59	0.25
05 05 23 00-1304 EA 5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.65	0.25
05 05 23 00-1305 EA 3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.70	0.25
05 05 23 00-1306 EA 7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.84	0.25
05 05 23 00-1307 EA 1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.99	0.25
05 05 23 00-1308 EA 9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.21	0.25
05 05 23 00-1309 EA 5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.24	0.25
05 05 23 00-1310 EA 3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.64	0.50
05 05 23 00-1311 EA 7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	2.34	0.50
05 05 23 00-1312 EA 1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	3.33	0.50
05 05 23 00-1313 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	5.10	0.50
05 05 23 00-1314 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	7.26	0.50
05 05 23 00-1315 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	10.72	0.50
05 05 23 00-1316 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	11.84	0.76
05 05 23 00-1317 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	21.45	0.76
05 05 23 00-1318 EA 2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	30.80	0.76
05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1320 EA 1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.60	0.25
05 05 23 00-1321 EA 5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.70	0.25
05 05 23 00-1322 EA 3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.76	0.25
05 05 23 00-1323 EA 7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.96	0.25
05 05 23 00-1324 EA 1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.16	0.25
05 05 23 00-1325 EA 9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.41	0.25
05 05 23 00-1326 EA 5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.60	0.25
05 05 23 00-1327 EA 3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	2.01	0.50
05 05 23 00-1328 EA 7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	3.04	0.50
05 05 23 00-1329 EA 1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	4.06	0.50
05 05 23 00-1330 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	6.40	0.50
05 05 23 00-1331 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	8.01	0.50
05 05 23 00-1332 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	13.27	0.50
05 05 23 00-1333 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	14.08	0.76
05 05 23 00-1334 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	21.51	0.76
05 05 23 00-1335 EA 2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	30.45	0.76
05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1337 EA 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.60	0.25
05 05 23 00-1338 EA 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.68	0.25
05 05 23 00-1339 EA 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.73	0.25
05 05 23 00-1340 EA 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.94	0.25
05 05 23 00-1341 EA 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.09	0.25
05 05 23 00-1342 EA 9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.22	0.25
05 05 23 00-1343 EA 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.35	0.25
05 05 23 00-1344 EA 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.82	0.50
05 05 23 00-1345 EA 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	2.67	0.50
05 05 23 00-1346 EA 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	3.71	0.50
05 05 23 00-1347 EA 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	6.18	0.50
05 05 23 00-1348 EA 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	7.96	0.50
05 05 23 00-1349 EA 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	11.87	0.50
05 05 23 00-1350 EA 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	13.86	0.76
05 05 23 00-1351 EA 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	24.24	0.76
05 05 23 00-1352 EA 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	42.01	0.76
05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1354 EA 1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.64	0.25
05 05 23 00-1355 EA 5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.76	0.25
05 05 23 00-1356 EA 3/8" Diameter, 304 Stainless Steel Hex Nut.....	0.84	0.25
05 05 23 00-1357 EA 7/16" Diameter, 304 Stainless Steel Hex Nut.....	1.23	0.25
05 05 23 00-1358 EA 1/2" Diameter, 304 Stainless Steel Hex Nut.....	1.33	0.25
05 05 23 00-1359 EA 9/16" Diameter, 304 Stainless Steel Hex Nut.....	1.99	0.25
05 05 23 00-1360 EA 5/8" Diameter, 304 Stainless Steel Hex Nut.....	2.20	0.25
05 05 23 00-1361 EA 3/4" Diameter, 304 Stainless Steel Hex Nut.....	2.53	0.50
05 05 23 00-1362 EA 7/8" Diameter, 304 Stainless Steel Hex Nut.....	4.09	0.50
05 05 23 00-1363 EA 1" Diameter, 304 Stainless Steel Hex Nut.....	6.25	0.50
05 05 23 00-1364 EA 1-1/4" Diameter, 304 Stainless Steel Hex Nut.....	14.91	0.50
05 05 23 00-1365 EA 1-1/2" Diameter, 304 Stainless Steel Hex Nut.....	28.55	0.76
05 05 23 00-1366 EA 1-3/4" Diameter, 304 Stainless Steel Hex Nut.....	50.11	0.76
05 05 23 00-1367 EA 2" Diameter, 304 Stainless Steel Hex Nut.....	71.37	0.76
05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1369 EA 1/4" Diameter, 316 Stainless Steel Hex Nut.....	0.74	0.25
05 05 23 00-1370 EA 5/16" Diameter, 316 Stainless Steel Hex Nut.....	0.85	0.25

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut.....	0.99	0.25
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut.....	1.59	0.25
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut.....	1.71	0.25
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut.....	2.31	0.25
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut.....	2.59	0.25
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut.....	3.59	0.50
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut.....	4.96	0.50
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut.....	7.63	0.50
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut.....	23.06	0.50
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut.....	37.24	0.76
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut.....	62.76	0.76
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut.....	116.57	0.76

05 05 23 00-1383 Flat Washers (05 05 23 00-1283)**05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)**

05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.04	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.07	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.13	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.20	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.29	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.32	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.55	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.79	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.94	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.16	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.31	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.56	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.45	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.51	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	3.72	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	4.62	

05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.17	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.23	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.27	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.36	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.49	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.79	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.13	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.60	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.66	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.96	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	4.30	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	4.69	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	6.19	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	7.08	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	9.52	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	11.42	

05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.11	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.16	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.18	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.33	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.42	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.70	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.78	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.18	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.66	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.83	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.79	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.11	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	4.44	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	4.81	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	6.98	

05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.11	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.14	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.20	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.38	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.68	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.86	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.26	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.28	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.70	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	3.42	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	3.98	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1447	EA		1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.53	
05 05 23 00-1448	EA		1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.52	
05 05 23 00-1449	EA		1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.86	
05 05 23 00-1450	EA		2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	13.47	
05 05 23 00-1451			316 Stainless Steel Flat Washers (05 05 23 00-1383)		
05 05 23 00-1452	EA		1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.21	
05 05 23 00-1453	EA		5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.23	
05 05 23 00-1454	EA		3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.41	
05 05 23 00-1455	EA		7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.48	
05 05 23 00-1456	EA		1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.89	
05 05 23 00-1457	EA		9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.60	
05 05 23 00-1458	EA		5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.89	
05 05 23 00-1459	EA		3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	2.38	
05 05 23 00-1460	EA		7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	3.68	
05 05 23 00-1461	EA		1" Inside Diameter, 316 Stainless Steel Flat Washer.....	4.11	
05 05 23 00-1462	EA		1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.69	
05 05 23 00-1463	EA		1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	5.77	
05 05 23 00-1464	EA		1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.10	
05 05 23 00-1465	EA		1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	6.24	
05 05 23 00-1466	EA		1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	9.14	
05 05 23 00-1467			Lock Washers (05 05 23 00-1283)		
05 05 23 00-1468			Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)		
05 05 23 00-1469	EA		1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA		5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.05	
05 05 23 00-1472	EA		7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.08	
05 05 23 00-1473	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.11	
05 05 23 00-1474	EA		9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.18	
05 05 23 00-1475	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.21	
05 05 23 00-1476	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.32	
05 05 23 00-1477	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.52	
05 05 23 00-1478	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.94	
05 05 23 00-1479	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.38	
05 05 23 00-1480	EA		1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.12	
05 05 23 00-1481	EA		1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.35	
05 05 23 00-1482	EA		1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.95	
05 05 23 00-1483	EA		1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	7.04	
05 05 23 00-1484	EA		2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	7.93	
05 05 23 00-1485			Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1486	EA		1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.09	
05 05 23 00-1487	EA		5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.10	
05 05 23 00-1488	EA		3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.13	
05 05 23 00-1489	EA		7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.15	
05 05 23 00-1490	EA		1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.23	
05 05 23 00-1491	EA		9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.30	
05 05 23 00-1492	EA		5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.36	
05 05 23 00-1493	EA		3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.61	
05 05 23 00-1494	EA		7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.87	
05 05 23 00-1495	EA		1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	1.38	
05 05 23 00-1496	EA		1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	2.50	
05 05 23 00-1497	EA		1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	2.98	
05 05 23 00-1498	EA		1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	4.30	
05 05 23 00-1499	EA		1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	4.92	
05 05 23 00-1500	EA		1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	6.66	
05 05 23 00-1501	EA		2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	9.07	
05 05 23 00-1502			304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1503	EA		1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.09	
05 05 23 00-1504	EA		5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.13	
05 05 23 00-1505	EA		3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.18	
05 05 23 00-1506	EA		7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.33	
05 05 23 00-1507	EA		1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.36	
05 05 23 00-1508	EA		9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.88	
05 05 23 00-1509	EA		5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	1.04	
05 05 23 00-1510	EA		3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	1.21	
05 05 23 00-1511	EA		7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	2.19	
05 05 23 00-1512	EA		1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	3.10	
05 05 23 00-1513	EA		1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	5.41	
05 05 23 00-1514	EA		1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	7.19	
05 05 23 00-1515	EA		1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	9.14	
05 05 23 00-1516	EA		1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	10.97	
05 05 23 00-1517			316 Stainless Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1518	EA		1/4" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.11	
05 05 23 00-1519	EA		5/16" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.24	
05 05 23 00-1520	EA		3/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.28	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.48
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.53
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.94
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.03
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	1.78
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	2.95
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	4.01
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	5.60
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	8.62
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	15.43
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	17.13
05 05 23 00-1532		Load Indicating Washers (05 05 23 00-1283)	
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)	
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)	
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.30
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.60
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.80
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.18
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.84
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.40
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.26
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.54
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	11.60
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)	
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.91
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.24
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.15
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.84
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.56
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.86
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.64
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	12.30
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	13.53
05 05 23 00-1554		Beveled Washers (05 05 23 00-1283)	
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)	
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.79
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.87
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.96
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.81
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	5.06
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)	
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.46
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.70
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.70
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.03
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.41
05 05 23 00-1567		Drilling In Steel Plates (05 05 23)	
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	17.26
		For Aluminum, Deduct	-1.73
		For Stainless Steel, Add	2.16
		For >5 To 10, Deduct	-1.73
		For >10 To 25, Deduct	-4.32
		For >25 To 50, Deduct	-6.04
		For >50, Deduct	-8.63
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	20.30
		For Aluminum, Deduct	-2.03
		For Stainless Steel, Add	2.54
		For >5 To 10, Deduct	-2.03
		For >10 To 25, Deduct	-5.08
		For >25 To 50, Deduct	-7.11
		For >50, Deduct	-10.15
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	24.36
		For Aluminum, Deduct	-2.44
		For Stainless Steel, Add	3.05
		For >5 To 10, Deduct	-2.44
		For >10 To 25, Deduct	-6.09
		For >25 To 50, Deduct	-8.53
		For >50, Deduct	-12.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....	28.43	
For Aluminum, Deduct	-2.84	
For Stainless Steel, Add	3.55	
For >5 To 10, Deduct	-2.84	
For >10 To 25, Deduct	-7.11	
For >25 To 50, Deduct	-9.95	
For >50, Deduct	-14.22	
05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....	38.07	
For Aluminum, Deduct	-3.81	
For Stainless Steel, Add	4.76	
For >5 To 10, Deduct	-3.81	
For >10 To 25, Deduct	-9.52	
For >25 To 50, Deduct	-13.32	
For >50, Deduct	-19.04	
05 05 23 00-1573 EA Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	20.30	
For Aluminum, Deduct	-2.03	
For Stainless Steel, Add	2.54	
For >5 To 10, Deduct	-2.03	
For >10 To 25, Deduct	-5.08	
For >25 To 50, Deduct	-7.11	
For >50, Deduct	-10.15	
05 05 23 00-1574 EA >1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	25.38	
For Aluminum, Deduct	-2.54	
For Stainless Steel, Add	3.17	
For >5 To 10, Deduct	-2.54	
For >10 To 25, Deduct	-6.35	
For >25 To 50, Deduct	-8.88	
For >50, Deduct	-12.69	
05 05 23 00-1575 EA >7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	30.46	
For Aluminum, Deduct	-3.05	
For Stainless Steel, Add	3.81	
For >5 To 10, Deduct	-3.05	
For >10 To 25, Deduct	-7.62	
For >25 To 50, Deduct	-10.66	
For >50, Deduct	-15.23	
05 05 23 00-1576 EA >1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	38.07	
For Aluminum, Deduct	-3.81	
For Stainless Steel, Add	4.76	
For >5 To 10, Deduct	-3.81	
For >10 To 25, Deduct	-9.52	
For >25 To 50, Deduct	-13.32	
For >50, Deduct	-19.04	
05 05 23 00-1577 EA Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	25.38	
For Aluminum, Deduct	-2.54	
For Stainless Steel, Add	3.17	
For >5 To 10, Deduct	-2.54	
For >10 To 25, Deduct	-6.35	
For >25 To 50, Deduct	-8.88	
For >50, Deduct	-12.69	
05 05 23 00-1578 EA >1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	33.49	
For Aluminum, Deduct	-3.35	
For Stainless Steel, Add	4.19	
For >5 To 10, Deduct	-3.35	
For >10 To 25, Deduct	-8.37	
For >25 To 50, Deduct	-11.72	
For >50, Deduct	-16.75	
05 05 23 00-1579 EA >7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	40.61	
For Aluminum, Deduct	-4.06	
For Stainless Steel, Add	5.08	
For >5 To 10, Deduct	-4.06	
For >10 To 25, Deduct	-10.15	
For >25 To 50, Deduct	-14.21	
For >50, Deduct	-20.31	
05 05 23 00-1580 Welded Stud Anchors (05 05 23)		
05 05 23 00-1581 EA 1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	3.09	
05 05 23 00-1582 EA 2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	3.15	
05 05 23 00-1583 EA 3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	3.17	
05 05 23 00-1584 EA 4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	3.20	
05 05 23 00-1585 EA 1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.09	
05 05 23 00-1586 EA 1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.23	
05 05 23 00-1587 EA 2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.37	
05 05 23 00-1588 EA 2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.45	
05 05 23 00-1589 EA 3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.53	
05 05 23 00-1590 EA 4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	3.82	
05 05 23 00-1591 EA 5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.06	
05 05 23 00-1592 EA 6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.26	
05 05 23 00-1593 EA 1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	3.73	
05 05 23 00-1594 EA 1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	3.75	
05 05 23 00-1595 EA 2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	3.97	
05 05 23 00-1596 EA 2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	4.18	
05 05 23 00-1597 EA 3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	4.44	
05 05 23 00-1598 EA 4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	4.84	
05 05 23 00-1599 EA 5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.10	
05 05 23 00-1600 EA 6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.81	
05 05 23 00-1601 EA 8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.15	
05 05 23 00-1602 EA 2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	5.20	
05 05 23 00-1603 EA 3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	5.53	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1604	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	5.81	
05 05 23 00-1605	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	6.08	
05 05 23 00-1606	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	6.31	
05 05 23 00-1607	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	6.52	
05 05 23 00-1608	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	6.79	
05 05 23 00-1609	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	7.94	
05 05 23 00-1610	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.52	

05 05 23 00-1611 Welded Shear Stud Connector (05 05 23)**05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)**

05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	6.58	
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector.....	6.82	
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector.....	6.88	
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	6.92	
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector.....	7.19	
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector.....	7.69	
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector.....	12.54	
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	8.27	
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector.....	9.16	
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	12.26	
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	12.54	
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	13.51	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	17.57	

05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	7.79	
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector.....	8.17	
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	8.56	
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	9.67	
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	12.86	
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	14.04	
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	15.20	
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	18.46	

05 05 23 00-1635 1" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector.....	10.32	
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector.....	11.51	
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector.....	13.27	
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector.....	17.26	
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector.....	19.10	
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector.....	20.94	

05 10 Structural Metal Framing (05)**05 12 Structural Steel Framing (05 10)****05 12 23 Structural Steel For Buildings (05 12)**

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members (05 12 23)

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns (05 12 23 00-0001)

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns.....	6,953.87	1,058.51
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	381.12	
		<i>For Hot Dip Galvanizing, Add</i>	1,333.93	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns.....	4,639.84	684.25
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	312.79	
		<i>For Hot Dip Galvanizing, Add</i>	1,094.77	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns.....	3,881.73	384.93
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	277.69	
		<i>For Hot Dip Galvanizing, Add</i>	971.92	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns.....	2,591.91	204.89
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	189.83	
		<i>For Hot Dip Galvanizing, Add</i>	664.42	

05 12 23 00-0007 Trusses, Built-Up (05 12 23 00-0001)

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members.....	4,921.39	719.88
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	332.31	
		<i>For Hot Dip Galvanizing, Add</i>	1,163.10	

05 12 23 00-0009 Shapes (05 12 23 00-0001)**05 12 23 00-0010 Rolled Shape Steel Angles (05 12 23 00-0009)**

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0011		TON	Up To 10 LB/LF Rolled Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	10,159.56 550.40 1,926.38	1,967.77
	05 12 23 00-0012		TON	>10 To 20 LB/LF Rolled Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,771.21 526.51 1,842.79	1,154.80
	05 12 23 00-0013		TON	>20 To 58 LB/LF Rolled Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,519.37 463.16 1,621.07	684.25
05 12 23 00-0014				Rolled C, MC Steel Channels (05 12 23 00-0009)		
	05 12 23 00-0015		TON	Up To 10 LB/LF Rolled C, MC Steel Channels <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	11,288.12 542.09 1,897.31	2,694.51
	05 12 23 00-0016		TON	>10 To 20 Rolled C, MC Steel Channels <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,680.34 519.24 1,817.34	2,052.97
	05 12 23 00-0017		TON	>20 To 58 LB/LF Rolled C, MC Steel Channels <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,415.52 454.86 1,591.99	684.25
05 12 23 00-0018				Double L Shape Steel Angles (05 12 23 00-0009)		
	05 12 23 00-0019		TON	Up To 20 LB/LF Double L Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	9,353.34 529.63 1,853.69	1,561.28
	05 12 23 00-0020		TON	>20 To 50 LB/LF Double L Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,960.72 498.47 1,744.65	684.25
	05 12 23 00-0021		TON	>50 To 80 LB/LF Double L Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,213.57 384.24 1,344.83	384.93
	05 12 23 00-0022		TON	>80 To 115 LB/LF Double L Shape Steel Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,334.09 249.24 872.33	205.19
05 12 23 00-0023				Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)		
	05 12 23 00-0024		TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,420.72 498.47 1,744.65	1,154.80
	05 12 23 00-0025		TON	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,493.99 381.12 1,333.93	684.25
	05 12 23 00-0026		TON	>65 To 100 LB/LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,304.90 311.54 1,090.41	384.93
	05 12 23 00-0027		TON	>100 To 365 LB/LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,152.69 234.70 821.44	204.89
05 12 23 00-0028				Combination Section Shapes (05 12 23 00-0001)		
05 12 23 00-0029				Combination Section, W Shapes And Angles (05 12 23 00-0028)		
	05 12 23 00-0030		TON	Up To 30 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,018.31 466.28 1,631.97	1,154.80
	05 12 23 00-0031		TON	>30-65 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,532.94 384.24 1,344.84	684.25
	05 12 23 00-0032		TON	>65-100 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,980.37 285.58 999.54	384.93
	05 12 23 00-0033		TON	>100-300 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,411.98 255.47 894.14	204.89
	05 12 23 00-0034		TON	>300-500 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2,926.38 225.35 788.73	102.86
05 12 23 00-0035				Combination Section, S Shapes And Angles (05 12 23 00-0028)		
	05 12 23 00-0036		TON	>30-65 LB/LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,325.23 367.62 1,286.68	684.25
	05 12 23 00-0037		TON	>65-100 LB/LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,993.35 286.62 1,003.17	384.93
05 12 23 00-0038				Combination Section, Channels And Angles (05 12 23 00-0028)		
	05 12 23 00-0039		TON	Up To 30 LB/LF Combination Section - Channels And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,420.72 498.47 1,744.65	1,154.80

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0040	TON >30-65 LB/LF Combination Section - Channels And Angles.....	5,792.55	684.25
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	405.01	
	<i>For Hot Dip Galvanizing, Add</i>	1,417.53	
05 12 23 00-0041	TON >65-100 LB/LF Combination Section - Channels And Angles.....	4,084.22	384.93
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	293.89	
	<i>For Hot Dip Galvanizing, Add</i>	1,028.62	
05 12 23 00-0042	Standard Weight Pipe (05 12 23 00-0001)		
05 12 23 00-0043	TON 1/2" To 5" Diameter Standard Weight Pipe.....	4,707.03	615.89
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	324.01	
	<i>For Hot Dip Galvanizing, Add</i>	1,134.02	
05 12 23 00-0044	TON >5" To 12" Diameter Standard Weight Pipe.....	5,053.00	769.86
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	338.54	
	<i>For Hot Dip Galvanizing, Add</i>	1,184.91	
05 12 23 00-0045	Structural Steel Shapes (05 12 23)		
	Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.		
05 12 23 00-0046	Steel Rods (05 12 23 00-0045)		
05 12 23 00-0047	TON 1/2" To 5" Diameter Extra Strong Steel, Solid.....	5,030.63	481.21
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	361.39	
	<i>For Hot Dip Galvanizing, Add</i>	1,264.87	
05 12 23 00-0048	TON >5" To 12" Diameter Extra Strong Steel, Solid.....	5,792.55	684.25
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	405.01	
	<i>For Hot Dip Galvanizing, Add</i>	1,417.53	
05 12 23 00-0049	Column Base Plates (05 12 23 00-0045)		
05 12 23 00-0050	LB Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	2.64	0.65
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	0.16	
	<i>For Hot Dip Galvanizing, Add</i>	0.55	
05 12 23 00-0051	LB Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	2.47	0.56
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	0.15	
	<i>For Hot Dip Galvanizing, Add</i>	0.52	
05 12 23 00-0052	TON Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	4,637.01	582.65
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	321.24	
	<i>For Hot Dip Galvanizing, Add</i>	1,124.35	
05 12 23 00-0053	TON Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	3,277.27	349.59
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	232.35	
	<i>For Hot Dip Galvanizing, Add</i>	813.22	
05 12 23 00-0054	Double Extra Strong Pipes (05 12 23 00-0045)		
05 12 23 00-0055	TON 2" To 5" Diameter Double Extra Strong Pipe	6,104.95	879.80
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	413.32	
	<i>For Hot Dip Galvanizing, Add</i>	1,446.61	
05 12 23 00-0056	TON >5" To 8" Diameter Double Extra Strong Pipe	5,671.80	473.73
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	413.32	
	<i>For Hot Dip Galvanizing, Add</i>	1,446.61	
05 12 23 00-0057	Structural Pipes (05 12 23 00-0045)		
05 12 23 00-0058	TON 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	4,260.11	406.49
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	290.78	
	<i>For Hot Dip Galvanizing, Add</i>	1,017.71	
05 12 23 00-0059	TON >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	4,668.93	468.79
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	290.78	
	<i>For Hot Dip Galvanizing, Add</i>	1,017.71	
05 12 23 00-0060	Structural Tubing (05 12 23 00-0045)		
05 12 23 00-0061	Rectangle Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle.....	6,928.48	410.59
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	519.24	
	<i>For Hot Dip Galvanizing, Add</i>	1,817.34	
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle.....	6,995.86	473.73
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	519.24	
	<i>For Hot Dip Galvanizing, Add</i>	1,817.34	
05 12 23 00-0064	TON 5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle.....	6,129.30	513.24
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	446.55	
	<i>For Hot Dip Galvanizing, Add</i>	1,562.92	
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	5,849.36	615.89
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	415.39	
	<i>For Hot Dip Galvanizing, Add</i>	1,453.87	
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	5,532.93	684.25
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	384.24	
	<i>For Hot Dip Galvanizing, Add</i>	1,344.83	
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	5,813.05	946.93
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	384.24	
	<i>For Hot Dip Galvanizing, Add</i>	1,344.83	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0068	TON			10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,242.10 392.55 1,373.91	1,251.80
05 12 23 00-0069	TON			12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,417.34 396.70 1,388.45	1,367.38
05 12 23 00-0070	TON			14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,601.13 396.70 1,388.45	1,539.73
05 12 23 00-0071	TON			16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,357.20 392.55 1,373.91	3,234.76
05 12 23 00-0072	TON			18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,966.85 382.16 1,337.57	2,052.97
05 12 23 00-0073	TON			20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	10,074.60 402.93 1,410.26	4,723.16
05 12 23 00-0074	Square Structural Tubing <small>(05 12 23 00-0060)</small>					
05 12 23 00-0075	TON			2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,901.10 519.24 1,817.34	384.93
05 12 23 00-0076	TON			2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,928.48 519.24 1,817.34	410.59
05 12 23 00-0077	TON			3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,259.11 456.93 1,599.26	513.24
05 12 23 00-0078	TON			3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,238.79 446.55 1,562.92	615.89
05 12 23 00-0079	TON			4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,078.97 340.62 1,192.18	769.86
05 12 23 00-0080	TON			5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,196.28 340.62 1,192.18	879.80
05 12 23 00-0081	TON			6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,571.68 340.62 1,192.18	1,231.78
05 12 23 00-0082	TON			7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,978.04 346.85 1,213.98	1,539.73
05 12 23 00-0083	TON			8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	7,226.47 402.93 1,410.26	2,052.97
05 12 23 00-0084	TON			10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,321.39 402.93 1,410.26	3,079.45
05 12 23 00-0085	TON			12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,191.00 346.85 1,213.98	3,614.35
05 12 23 00-0086	TON			14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	9,970.75 394.62 1,381.18	4,723.16
05 12 23 00-0087	TON			16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	11,606.13 402.93 1,410.26	6,158.90
05 12 23 00-0088	Structural Shapes <small>(05 12 23 00-0045)</small>					
05 12 23 00-0089	TON			Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF) <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >20 To 50 LB/LF, Deduct For >50 To 75 LB/LF, Deduct For >75 To 100 LB/LF, Deduct</i>	7,139.20 275.19 963.15 -898.89 -1,440.82 -1,982.75	2,330.60
05 12 23 00-0090	TON			Structural Shapes, Steel Plate A36 Structural Steel <i>Note: Up to 21.5 LB per SF For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >21.5 To 50 LB/LF, Deduct</i>	5,393.70 332.32 1,163.13 -601.35	932.24
05 12 23 00-0091	LB			Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	3.11	0.21
05 12 23 00-0092	LB			Structural Shapes, Galvanized Pipe Supports	3.76	0.21
05 12 23 00-0093	Built-Up Trusses <small>(05 12 23 00-0045)</small>					
05 12 23 00-0094	TON			Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	5,611.76	307.95
05 12 23 00-0095	TON			>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	5,517.68	171.01
05 12 23 00-0096	TON			>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	4,899.59	90.53
05 12 23 00-0097	TON			>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	4,764.41	85.61
05 12 23 00-0098	Masonry Plates, Filler Plates, Sole Plates And Anchor Straps <small>(05 12 23 00-0045)</small>					
	<i>Note: Includes shop fabrication, welds, drilling and shop primer.</i>					
05 12 23 00-0099	SF			1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	20.28	6.71

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	30.42	10.04
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	40.56	13.38
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	50.71	16.73
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	60.85	19.98
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	70.99	23.42
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	81.14	26.76
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	91.28	30.11
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	101.42	33.46
05 12 23 00-0108	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	111.56	36.80
05 12 23 00-0109	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	121.70	40.15
05 12 23 00-0110	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	131.84	43.49
05 12 23 00-0111	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	141.98	46.84
05 12 23 00-0112	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	152.13	50.18
05 12 23 00-0113	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	162.27	53.53
05 12 23 00-0114		Accessories For Steel (05 12 23)		
05 12 23 00-0115		Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0114)		
05 12 23 00-0116	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....		0.98
05 12 23 00-0117		Connection And Stiffener Plates (05 12 23 00-0114)		
		Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0118	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	11,992.23	
05 12 23 00-0119	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	10,231.72	
05 12 23 00-0120	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0121	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0122	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0123	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0124	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0125	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	7,912.40	
05 12 23 00-0126	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	7,417.88	
05 12 23 00-0127	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	7,417.88	
05 12 23 00-0128	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	7,417.88	
05 12 23 00-0129		Field Applied Cold Galvanizing (05 12 23 00-0114)		
05 12 23 00-0130	SF	Brush Applied Cold Galvanizing.....		1.66
05 12 23 00-0131		Metal Grinding (05 12 23 00-0114)		
		Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0132	SI	Metal Grinding Up To 1/32" Thickness To Be Removed.....		0.91
		Note: Includes rust or scale removal on metal and smoothing surface.		
05 12 23 00-0133		Structural Steel For Buildings And Structures (05 12 23)		
		Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.		
05 12 23 00-0134		First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0133)		
		Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0135	LF	W14 x 730 A992/A36 Structural Column	1,139.82	64.65
		For Hot Dip Galvanizing, Add	297.18	
		For High Strength Low Alloy A572-50 Steel, Add	102.58	
		For High Strength Low Alloy A588 Grade B Steel, Add	227.96	
05 12 23 00-0136	LF	W14 x 665 A992/A36 Structural Column	1,039.78	60.25
		For Hot Dip Galvanizing, Add	270.72	
		For High Strength Low Alloy A572-50 Steel, Add	93.58	
		For High Strength Low Alloy A588 Grade B Steel, Add	207.96	
05 12 23 00-0137	LF	W14 x 605 A992/A36 Structural Column	947.33	56.08
		For Hot Dip Galvanizing, Add	246.29	
		For High Strength Low Alloy A572-50 Steel, Add	85.26	
		For High Strength Low Alloy A588 Grade B Steel, Add	189.47	
05 12 23 00-0138	LF	W14 x 550 A992/A36 Structural Column	862.47	52.17
		For Hot Dip Galvanizing, Add	223.90	
		For High Strength Low Alloy A572-50 Steel, Add	77.62	
		For High Strength Low Alloy A588 Grade B Steel, Add	172.49	
05 12 23 00-0139	LF	W14 x 500 A992/A36 Structural Column	790.46	53.38
		For Hot Dip Galvanizing, Add	203.55	
		For High Strength Low Alloy A572-50 Steel, Add	71.14	
		For High Strength Low Alloy A588 Grade B Steel, Add	158.09	
05 12 23 00-0140	LF	W14 x 426 A992/A36 Structural Column	674.60	46.60
		For Hot Dip Galvanizing, Add	173.42	
		For High Strength Low Alloy A572-50 Steel, Add	60.71	
		For High Strength Low Alloy A588 Grade B Steel, Add	134.92	
05 12 23 00-0141	LF	W14 x 342 A992/A36 Structural Column	545.94	40.34
		For Hot Dip Galvanizing, Add	139.57	
		For High Strength Low Alloy A572-50 Steel, Add	49.13	
		For High Strength Low Alloy A588 Grade B Steel, Add	109.19	
05 12 23 00-0142	LF	W14 x 311 A992/A36 Structural Column	491.95	37.68
		For Hot Dip Galvanizing, Add	125.36	
		For High Strength Low Alloy A572-50 Steel, Add	44.28	
		For High Strength Low Alloy A588 Grade B Steel, Add	98.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0143	LF		W14 x 283 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	446.73 113.47 40.21 89.35	35.51
05 12 23 00-0144	LF		W14 x 257 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	393.08 99.12 35.38 78.62	33.67
05 12 23 00-0145	LF		W14 x 233 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	361.79 91.14 32.56 72.36	31.31
05 12 23 00-0146	LF		W14 x 211 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	322.03 80.73 28.98 64.41	29.16
05 12 23 00-0147	LF		W14 x 193 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	291.48 72.68 26.23 58.30	27.71
05 12 23 00-0148	LF		W14 x 176 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	262.96 65.14 23.67 52.59	26.48
05 12 23 00-0149	LF		W14 x 159 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	238.02 58.50 21.42 47.60	25.56
05 12 23 00-0150	LF		W14 x 145 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	230.05 56.52 20.70 46.01	24.73
05 12 23 00-0151	LF		W14 x 132 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	197.14 47.73 17.74 39.43	23.61
05 12 23 00-0152	LF		W14 x 120 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	184.99 44.52 16.65 37.00	22.99
05 12 23 00-0153	LF		W14 x 109 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	165.88 39.51 14.93 33.18	22.07
05 12 23 00-0154	LF		W14 x 99 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	151.57 35.74 13.64 30.31	21.45
05 12 23 00-0155	LF		W14 x 90 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	140.98 32.94 12.69 28.20	20.94
05 12 23 00-0156	LF		W14 x 82 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	130.05 30.08 11.70 26.01	20.32
05 12 23 00-0157	LF		W14 x 74 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	117.65 26.81 10.59 23.53	19.81
05 12 23 00-0158	LF		W14 x 68 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	110.07 24.79 9.91 22.01	19.51
05 12 23 00-0159	LF		W14 x 61 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	100.57 22.30 9.05 20.11	18.99
05 12 23 00-0160	LF		W14 x 53 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	91.81 20.01 8.26 18.36	18.47
05 12 23 00-0161	LF		W14 x 48 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	86.15 18.52 7.75 17.23	18.17
05 12 23 00-0162	LF		W14 x 43 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	77.98 16.37 7.02 15.60	17.86
05 12 23 00-0163	LF		W12 x 336 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	519.63 135.68 46.77 103.93	28.79
05 12 23 00-0164	LF		W12 x 305 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	473.91 123.16 42.65 94.78	28.22

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0165	LF	W12 x 279 A992/A36 Structural Column	435.71	27.88
		<i>For Hot Dip Galvanizing, Add</i>	112.67	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	39.21	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	87.14	
05 12 23 00-0166	LF	W12 x 252 A992/A36 Structural Column	395.68	27.18
		<i>For Hot Dip Galvanizing, Add</i>	101.76	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	35.61	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	79.14	
05 12 23 00-0167	LF	W12 x 230 A992/A36 Structural Column	363.24	26.78
		<i>For Hot Dip Galvanizing, Add</i>	92.88	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	32.69	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	72.65	
05 12 23 00-0168	LF	W12 x 210 A992/A36 Structural Column	333.75	26.41
		<i>For Hot Dip Galvanizing, Add</i>	84.80	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.04	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	66.75	
05 12 23 00-0169	LF	W12 x 190 A992/A36 Structural Column	306.78	28.33
		<i>For Hot Dip Galvanizing, Add</i>	76.73	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	27.61	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	61.36	
05 12 23 00-0170	LF	W12 x 170 A992/A36 Structural Column	277.51	27.50
		<i>For Hot Dip Galvanizing, Add</i>	68.89	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.98	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	55.50	
05 12 23 00-0171	LF	W12 x 152 A992/A36 Structural Column	250.28	25.56
		<i>For Hot Dip Galvanizing, Add</i>	61.90	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	22.53	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	50.06	
05 12 23 00-0172	LF	W12 x 136 A992/A36 Structural Column	238.03	24.84
		<i>For Hot Dip Galvanizing, Add</i>	58.71	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.42	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.61	
05 12 23 00-0173	LF	W12 x 120 A992/A36 Structural Column	180.88	22.79
		<i>For Hot Dip Galvanizing, Add</i>	43.41	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.28	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	36.18	
05 12 23 00-0174	LF	W12 x 106 A992/A36 Structural Column	166.85	22.07
		<i>For Hot Dip Galvanizing, Add</i>	39.78	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	33.37	
05 12 23 00-0175	LF	W12 x 96 A992/A36 Structural Column	149.52	21.35
		<i>For Hot Dip Galvanizing, Add</i>	35.20	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.46	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	29.90	
05 12 23 00-0176	LF	W12 x 87 A992/A36 Structural Column	138.10	20.64
		<i>For Hot Dip Galvanizing, Add</i>	32.20	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.43	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	27.62	
05 12 23 00-0177	LF	W12 x 79 A992/A36 Structural Column	121.48	20.02
		<i>For Hot Dip Galvanizing, Add</i>	27.79	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.93	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	24.30	
05 12 23 00-0178	LF	W12 x 72 A992/A36 Structural Column	111.38	19.51
		<i>For Hot Dip Galvanizing, Add</i>	25.12	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.28	
05 12 23 00-0179	LF	W12 x 65 A992/A36 Structural Column	102.00	19.09
		<i>For Hot Dip Galvanizing, Add</i>	22.67	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.18	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	20.40	
05 12 23 00-0180	LF	W12 x 58 A992/A36 Structural Column	98.77	18.89
		<i>For Hot Dip Galvanizing, Add</i>	21.83	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.89	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.75	
05 12 23 00-0181	LF	W12 x 53 A992/A36 Structural Column	91.81	18.47
		<i>For Hot Dip Galvanizing, Add</i>	20.01	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.26	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	18.36	
05 12 23 00-0182	LF	W12 x 50 A992/A36 Structural Column	89.03	18.38
		<i>For Hot Dip Galvanizing, Add</i>	19.27	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.01	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	17.81	
05 12 23 00-0183	LF	W12 x 45 A992/A36 Structural Column	81.09	17.96
		<i>For Hot Dip Galvanizing, Add</i>	17.18	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.30	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.22	
05 12 23 00-0184	LF	W12 x 40 A992/A36 Structural Column	72.92	17.55
		<i>For Hot Dip Galvanizing, Add</i>	15.02	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.56	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.58	
05 12 23 00-0185	LF	W10 x 112 A992/A36 Structural Column	174.42	22.48
		<i>For Hot Dip Galvanizing, Add</i>	41.76	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.70	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	34.88	
05 12 23 00-0186	LF	W10 x 110 A992/A36 Structural Column	157.97	21.56
		<i>For Hot Dip Galvanizing, Add</i>	37.45	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.22	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0187	LF		W10 x 88 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	142.21 33.31 12.80 28.44	20.84
05 12 23 00-0188	LF		W10 x 77 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	126.70 29.23 11.40 25.34	20.02
05 12 23 00-0189	LF		W10 x 68 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	114.32 25.97 10.29 22.86	19.51
05 12 23 00-0190	LF		W10 x 60 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	100.57 22.30 9.05 20.11	18.99
05 12 23 00-0191	LF		W10 x 54 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	99.88 22.16 8.99 19.98	18.68
05 12 23 00-0192	LF		W10 x 49 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	87.96 18.99 7.92 17.59	18.38
05 12 23 00-0193	LF		W10 x 45 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	84.96 18.22 7.65 16.99	18.06
05 12 23 00-0194	LF		W10 x 39 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	74.24 15.36 6.68 14.85	17.76
05 12 23 00-0195	LF		W10 x 33 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	64.99 12.93 5.85 13.00	17.25
05 12 23 00-0196	LF		W8 x 67 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	110.19 24.82 9.92 22.04	19.51
05 12 23 00-0197	LF		W8 x 58 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	99.13 21.93 8.92 19.83	18.89
05 12 23 00-0198	LF		W8 x 48 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	88.94 19.27 8.00 17.79	18.38
05 12 23 00-0199	LF		W8 x 40 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	76.64 16.00 6.90 15.33	17.86
05 12 23 00-0200	LF		W8 x 35 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	69.44 14.11 6.25 13.89	17.45
05 12 23 00-0201	LF		W8 x 31 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	63.65 12.56 5.73 12.73	17.25
05 12 23 00-0202	LF		W8 x 28 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	60.04 11.62 5.40 12.01	17.04
05 12 23 00-0203	LF		W8 x 24 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	55.71 10.48 5.01 11.14	16.83
05 12 23 00-0204	LF		W8 x 21 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	52.84 9.73 4.76 10.57	16.74
05 12 23 00-0205	LF		W8 x 18 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	47.41 8.29 4.27 9.48	16.42
05 12 23 00-0206	LF		W6 x 25 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	58.38 11.22 5.25 11.68	16.83
05 12 23 00-0207	LF		W6 x 20 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	49.70 8.89 4.47 9.94	16.53
05 12 23 00-0208	LF		W6 x 15 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	42.87 7.14 3.86 8.57	16.02

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0209	LF	W6 x 12 A992/A36 Structural Column	40.32	16.02
		<i>For Hot Dip Galvanizing, Add</i>	6.43	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.63	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.06	
05 12 23 00-0210	LF	W6 x 9 A992/A36 Structural Column	37.07	15.91
		<i>For Hot Dip Galvanizing, Add</i>	5.56	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.34	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.41	
05 12 23 00-0211	LF	W5 x 19 A992/A36 Structural Column	48.97	16.53
		<i>For Hot Dip Galvanizing, Add</i>	8.69	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.41	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.79	
05 12 23 00-0212	LF	W5 x 16 A992/A36 Structural Column	45.24	16.42
		<i>For Hot Dip Galvanizing, Add</i>	7.71	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.07	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.05	
05 12 23 00-0213	LF	W4 x 13 A992/A36 Structural Column	42.50	16.21
		<i>For Hot Dip Galvanizing, Add</i>	7.01	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.83	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.50	
05 12 23 00-0214		A992/A36 Structural Steel Beams And Girders, W Shapes <small>(05 12 23 00-0133)</small>		
		Note: Includes material delivery and erection.		
05 12 23 00-0215	LF	W36 x 300 A992/A36 Structural Beam Or Girder	387.22	70.79
		<i>For Hot Dip Galvanizing, Add</i>	86.50	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	34.85	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	77.44	
		<i>For Each Additional Top Copes >2, Add</i>	3.12	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-124.20	
		<i>For Skewed Or Sloped Connections, Add</i>	46.47	
05 12 23 00-0216	LF	W36 x 280 A992/A36 Structural Beam Or Girder	373.05	76.98
		<i>For Hot Dip Galvanizing, Add</i>	80.73	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.57	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	74.61	
		<i>For Each Additional Top Copes >2, Add</i>	2.91	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-118.25	
		<i>For Skewed Or Sloped Connections, Add</i>	44.77	
05 12 23 00-0217	LF	W36 x 260 A992/A36 Structural Beam Or Girder	353.94	76.06
		<i>For Hot Dip Galvanizing, Add</i>	75.72	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	31.85	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	70.79	
		<i>For Each Additional Top Copes >2, Add</i>	2.73	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-111.72	
		<i>For Skewed Or Sloped Connections, Add</i>	42.47	
05 12 23 00-0218	LF	W36 x 240 A992/A36 Structural Beam Or Girder	331.89	68.23
		<i>For Hot Dip Galvanizing, Add</i>	71.90	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	29.87	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	66.38	
		<i>For Each Additional Top Copes >2, Add</i>	2.59	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-105.24	
		<i>For Skewed Or Sloped Connections, Add</i>	39.83	
05 12 23 00-0219	LF	W36 x 230 A992/A36 Structural Beam Or Girder	322.12	69.20
		<i>For Hot Dip Galvanizing, Add</i>	68.91	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	28.99	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	64.42	
		<i>For Each Additional Top Copes >2, Add</i>	2.48	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-101.67	
		<i>For Skewed Or Sloped Connections, Add</i>	38.65	
05 12 23 00-0220	LF	W36 x 210 A992/A36 Structural Beam Or Girder	305.24	73.60
		<i>For Hot Dip Galvanizing, Add</i>	62.91	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	27.47	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	61.05	
		<i>For Each Additional Top Copes >2, Add</i>	2.27	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-95.06	
		<i>For Skewed Or Sloped Connections, Add</i>	36.63	
05 12 23 00-0221	LF	W36 x 194 A992/A36 Structural Beam Or Girder	289.57	66.18
		<i>For Hot Dip Galvanizing, Add</i>	60.77	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	26.06	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	57.91	
		<i>For Each Additional Top Copes >2, Add</i>	2.19	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-90.76	
		<i>For Skewed Or Sloped Connections, Add</i>	34.75	
05 12 23 00-0222	LF	W36 x 182 A992/A36 Structural Beam Or Girder	275.52	65.69
		<i>For Hot Dip Galvanizing, Add</i>	57.01	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.80	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	55.10	
		<i>For Each Additional Top Copes >2, Add</i>	2.05	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-85.92	
		<i>For Skewed Or Sloped Connections, Add</i>	33.06	
05 12 23 00-0223	LF	W36 x 170 A992/A36 Structural Beam Or Girder	261.15	64.94
		<i>For Hot Dip Galvanizing, Add</i>	53.25	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	23.50	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	52.23	
		<i>For Each Additional Top Copes >2, Add</i>	1.92	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-81.01	
		<i>For Skewed Or Sloped Connections, Add</i>	31.34	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0224	LF			W36 x 160 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	256.56 50.12 23.09 51.31 1.81 -78.40 30.79	71.23
05 12 23 00-0225	LF			W36 x 150 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	246.59 47.49 22.19 49.32 1.71 -74.99 29.59	70.72
05 12 23 00-0226	LF			W36 x 135 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	232.64 43.82 20.94 46.53 1.58 -70.21 27.92	70.11
05 12 23 00-0227	LF			W33 x 241 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	336.43 72.53 30.28 67.29 2.61 -106.49 40.37	70.37
05 12 23 00-0228	LF			W33 x 221 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	312.91 66.51 28.16 62.58 2.40 -98.53 37.55	68.65
05 12 23 00-0229	LF			W33 x 201 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	296.00 60.49 26.64 59.20 2.18 -91.90 35.52	73.08
05 12 23 00-0230	LF			W33 x 170 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	267.27 52.95 24.05 53.45 1.91 -82.07 32.07	71.75
05 12 23 00-0231	LF			W33 x 152 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	245.42 48.94 22.09 49.08 1.76 -75.54 29.45	64.74
05 12 23 00-0232	LF			W33 x 141 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	238.65 45.40 21.48 47.73 1.64 -72.27 28.64	70.31
05 12 23 00-0233	LF			W33 x 130 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	227.35 42.44 20.46 45.47 1.53 -68.41 27.28	69.80
05 12 23 00-0234	LF			W33 x 118 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	214.24 38.97 19.28 42.85 1.40 -63.91 25.71	69.18
05 12 23 00-0235	LF			W30 x 211 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	300.76 63.18 27.07 60.15 2.28 -94.30 36.09	68.52
05 12 23 00-0236	LF			W30 x 191 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	283.59 57.19 25.52 56.72 2.06 -87.63 34.03	72.57

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0237	LF	W30 x 173 A992/A36	Structural Beam Or Girder.....	262.14	65.40
			For Hot Dip Galvanizing, Add	53.39	
			For High Strength Low Alloy A572-50 Steel, Add	23.59	
			For High Strength Low Alloy A588 Steel, Add	52.43	
			For Each Additional Top Copes >2, Add	1.92	
			For Structural Tees, WT, MT Or ST, Deduct	-81.29	
			For Skewed Or Sloped Connections, Add	31.46	
05 12 23 00-0238	LF	W30 x 154 A992/A36	Structural Beam Or Girder.....	246.81	70.83
			For Hot Dip Galvanizing, Add	47.52	
			For High Strength Low Alloy A572-50 Steel, Add	22.21	
			For High Strength Low Alloy A588 Steel, Add	49.36	
			For Each Additional Top Copes >2, Add	1.71	
			For Structural Tees, WT, MT Or ST, Deduct	-75.05	
			For Skewed Or Sloped Connections, Add	29.62	
05 12 23 00-0239	LF	W30 x 132 A992/A36	Structural Beam Or Girder.....	222.54	63.10
			For Hot Dip Galvanizing, Add	43.08	
			For High Strength Low Alloy A572-50 Steel, Add	20.03	
			For High Strength Low Alloy A588 Steel, Add	44.51	
			For Each Additional Top Copes >2, Add	1.55	
			For Structural Tees, WT, MT Or ST, Deduct	-67.79	
			For Skewed Or Sloped Connections, Add	26.70	
05 12 23 00-0240	LF	W30 x 124 A992/A36	Structural Beam Or Girder.....	213.09	63.06
			For Hot Dip Galvanizing, Add	40.47	
			For High Strength Low Alloy A572-50 Steel, Add	19.18	
			For High Strength Low Alloy A588 Steel, Add	42.62	
			For Each Additional Top Copes >2, Add	1.46	
			For Structural Tees, WT, MT Or ST, Deduct	-64.49	
			For Skewed Or Sloped Connections, Add	25.57	
05 12 23 00-0241	LF	W30 x 116 A992/A36	Structural Beam Or Girder.....	210.12	69.08
			For Hot Dip Galvanizing, Add	37.86	
			For High Strength Low Alloy A572-50 Steel, Add	18.91	
			For High Strength Low Alloy A588 Steel, Add	42.02	
			For Each Additional Top Copes >2, Add	1.36	
			For Structural Tees, WT, MT Or ST, Deduct	-62.49	
			For Skewed Or Sloped Connections, Add	25.21	
05 12 23 00-0242	LF	W30 x 108 A992/A36	Structural Beam Or Girder.....	193.99	62.20
			For Hot Dip Galvanizing, Add	35.43	
			For High Strength Low Alloy A572-50 Steel, Add	17.46	
			For High Strength Low Alloy A588 Steel, Add	38.80	
			For Each Additional Top Copes >2, Add	1.28	
			For Structural Tees, WT, MT Or ST, Deduct	-57.95	
			For Skewed Or Sloped Connections, Add	23.28	
05 12 23 00-0243	LF	W30 x 99 A992/A36	Structural Beam Or Girder.....	185.94	61.90
			For Hot Dip Galvanizing, Add	33.31	
			For High Strength Low Alloy A572-50 Steel, Add	16.73	
			For High Strength Low Alloy A588 Steel, Add	37.19	
			For Each Additional Top Copes >2, Add	1.20	
			For Structural Tees, WT, MT Or ST, Deduct	-55.19	
			For Skewed Or Sloped Connections, Add	22.31	
05 12 23 00-0244	LF	W27 x 178 A992/A36	Structural Beam Or Girder.....	292.43	76.57
			For Hot Dip Galvanizing, Add	58.48	
			For High Strength Low Alloy A572-50 Steel, Add	26.32	
			For High Strength Low Alloy A588 Steel, Add	58.49	
			For Each Additional Top Copes >2, Add	2.11	
			For Structural Tees, WT, MT Or ST, Deduct	-90.10	
			For Skewed Or Sloped Connections, Add	35.09	
05 12 23 00-0245	LF	W27 x 161 A992/A36	Structural Beam Or Girder.....	269.21	73.68
			For Hot Dip Galvanizing, Add	52.90	
			For High Strength Low Alloy A572-50 Steel, Add	24.23	
			For High Strength Low Alloy A588 Steel, Add	53.84	
			For Each Additional Top Copes >2, Add	1.91	
			For Structural Tees, WT, MT Or ST, Deduct	-82.44	
			For Skewed Or Sloped Connections, Add	32.31	
05 12 23 00-0246	LF	W27 x 146 A992/A36	Structural Beam Or Girder.....	248.67	71.07
			For Hot Dip Galvanizing, Add	47.97	
			For High Strength Low Alloy A572-50 Steel, Add	22.38	
			For High Strength Low Alloy A588 Steel, Add	49.73	
			For Each Additional Top Copes >2, Add	1.73	
			For Structural Tees, WT, MT Or ST, Deduct	-75.66	
			For Skewed Or Sloped Connections, Add	29.84	
05 12 23 00-0247	LF	W27 x 114 A992/A36	Structural Beam Or Girder.....	197.95	59.04
			For Hot Dip Galvanizing, Add	37.45	
			For High Strength Low Alloy A572-50 Steel, Add	17.82	
			For High Strength Low Alloy A588 Steel, Add	39.59	
			For Each Additional Top Copes >2, Add	1.35	
			For Structural Tees, WT, MT Or ST, Deduct	-59.84	
			For Skewed Or Sloped Connections, Add	23.75	
05 12 23 00-0248	LF	W27 x 102 A992/A36	Structural Beam Or Girder.....	186.77	61.90
			For Hot Dip Galvanizing, Add	33.51	
			For High Strength Low Alloy A572-50 Steel, Add	16.81	
			For High Strength Low Alloy A588 Steel, Add	37.35	
			For Each Additional Top Copes >2, Add	1.21	
			For Structural Tees, WT, MT Or ST, Deduct	-55.47	
			For Skewed Or Sloped Connections, Add	22.41	
05 12 23 00-0249	LF	W27 x 94 A992/A36	Structural Beam Or Girder.....	179.19	61.49
			For Hot Dip Galvanizing, Add	31.52	
			For High Strength Low Alloy A572-50 Steel, Add	16.13	
			For High Strength Low Alloy A588 Steel, Add	35.84	
			For Each Additional Top Copes >2, Add	1.14	
			For Structural Tees, WT, MT Or ST, Deduct	-52.88	
			For Skewed Or Sloped Connections, Add	21.50	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0250	LF			W27 x 84 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	169.95 29.10 15.30 33.99 1.05 -49.72 20.39	61.07
05 12 23 00-0251	LF			W24 x 162 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	259.20 51.02 23.33 51.84 1.84 -79.42 31.10	70.63
05 12 23 00-0252	LF			W24 x 146 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	237.94 45.98 21.41 47.59 1.66 -72.44 28.55	67.71
05 12 23 00-0253	LF			W24 x 131 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	217.63 41.26 19.59 43.53 1.49 -65.83 26.12	64.65
05 12 23 00-0254	LF			W24 x 117 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	198.30 36.85 17.85 39.66 1.33 -59.58 23.80	61.42
05 12 23 00-0255	LF			W24 x 104 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	179.99 32.76 16.20 36.00 1.18 -53.70 21.60	58.08
05 12 23 00-0256	LF			W24 x 94 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	172.28 29.61 15.51 34.46 1.07 -50.46 20.67	61.49
05 12 23 00-0257	LF			W24 x 84 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	156.75 27.35 14.11 31.35 0.99 -46.13 18.81	54.51
05 12 23 00-0258	LF			W24 x 76 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	149.67 25.50 13.47 29.93 0.92 -43.72 17.96	54.10
05 12 23 00-0259	LF			W24 x 68 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	140.76 23.14 12.67 28.15 0.83 -40.66 16.89	53.79
05 12 23 00-0260	LF			W24 x 62 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	136.09 21.93 12.25 27.22 0.79 -39.07 16.33	53.48
05 12 23 00-0261	LF			W24 x 55 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	129.71 20.24 11.67 25.94 0.73 -36.88 15.57	53.27
05 12 23 00-0262	LF			W21 x 147 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	225.81 45.47 20.32 45.16 1.64 -69.74 27.10	58.09

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0263	LF	W21 x 132 A992/A36 Structural Beam Or Girder.....	206.31	55.50
		For Hot Dip Galvanizing, Add	40.83	
		For High Strength Low Alloy A572-50 Steel, Add	18.57	
		For High Strength Low Alloy A588 Steel, Add	41.26	
		For Each Additional Top Copes >2, Add	1.47	
		For Structural Tees, WT, MT Or ST, Deduct	-63.33	
		For Skewed Or Sloped Connections, Add	24.76	
05 12 23 00-0264	LF	W21 x 122 A992/A36 Structural Beam Or Girder.....	194.17	54.57
		For Hot Dip Galvanizing, Add	37.73	
		For High Strength Low Alloy A572-50 Steel, Add	17.48	
		For High Strength Low Alloy A588 Steel, Add	38.83	
		For Each Additional Top Copes >2, Add	1.36	
		For Structural Tees, WT, MT Or ST, Deduct	-59.23	
		For Skewed Or Sloped Connections, Add	23.30	
05 12 23 00-0265	LF	W21 x 111 A992/A36 Structural Beam Or Girder.....	180.05	52.82
		For Hot Dip Galvanizing, Add	34.33	
		For High Strength Low Alloy A572-50 Steel, Add	16.20	
		For High Strength Low Alloy A588 Steel, Add	36.01	
		For Each Additional Top Copes >2, Add	1.24	
		For Structural Tees, WT, MT Or ST, Deduct	-54.57	
		For Skewed Or Sloped Connections, Add	21.61	
05 12 23 00-0266	LF	W21 x 101 A992/A36 Structural Beam Or Girder.....	167.10	51.13
		For Hot Dip Galvanizing, Add	31.24	
		For High Strength Low Alloy A572-50 Steel, Add	15.04	
		For High Strength Low Alloy A588 Steel, Add	33.42	
		For Each Additional Top Copes >2, Add	1.13	
		For Structural Tees, WT, MT Or ST, Deduct	-50.31	
		For Skewed Or Sloped Connections, Add	20.05	
05 12 23 00-0267	LF	W21 x 93 A992/A36 Structural Beam Or Girder	162.46	55.12
		For Hot Dip Galvanizing, Add	28.76	
		For High Strength Low Alloy A572-50 Steel, Add	14.62	
		For High Strength Low Alloy A588 Steel, Add	32.49	
		For Each Additional Top Copes >2, Add	1.04	
		For Structural Tees, WT, MT Or ST, Deduct	-48.04	
		For Skewed Or Sloped Connections, Add	19.50	
05 12 23 00-0268	LF	W21 x 83 A992/A36 Structural Beam Or Girder	154.08	54.51
		For Hot Dip Galvanizing, Add	26.61	
		For High Strength Low Alloy A572-50 Steel, Add	13.87	
		For High Strength Low Alloy A588 Steel, Add	30.82	
		For Each Additional Top Copes >2, Add	0.96	
		For Structural Tees, WT, MT Or ST, Deduct	-45.20	
		For Skewed Or Sloped Connections, Add	18.49	
05 12 23 00-0269	LF	W21 x 73 A992/A36 Structural Beam Or Girder	143.86	54.10
		For Hot Dip Galvanizing, Add	23.91	
		For High Strength Low Alloy A572-50 Steel, Add	12.95	
		For High Strength Low Alloy A588 Steel, Add	28.77	
		For Each Additional Top Copes >2, Add	0.86	
		For Structural Tees, WT, MT Or ST, Deduct	-41.70	
		For Skewed Or Sloped Connections, Add	17.26	
05 12 23 00-0270	LF	W21 x 68 A992/A36 Structural Beam Or Girder	138.70	53.79
		For Hot Dip Galvanizing, Add	22.57	
		For High Strength Low Alloy A572-50 Steel, Add	12.48	
		For High Strength Low Alloy A588 Steel, Add	27.74	
		For Each Additional Top Copes >2, Add	0.81	
		For Structural Tees, WT, MT Or ST, Deduct	-39.94	
		For Skewed Or Sloped Connections, Add	16.64	
05 12 23 00-0271	LF	W21 x 62 A992/A36 Structural Beam Or Girder	134.03	53.48
		For Hot Dip Galvanizing, Add	21.35	
		For High Strength Low Alloy A572-50 Steel, Add	12.06	
		For High Strength Low Alloy A588 Steel, Add	26.81	
		For Each Additional Top Copes >2, Add	0.77	
		For Structural Tees, WT, MT Or ST, Deduct	-38.35	
		For Skewed Or Sloped Connections, Add	16.08	
05 12 23 00-0272	LF	W21 x 57 A992/A36 Structural Beam Or Girder	129.81	53.38
		For Hot Dip Galvanizing, Add	20.24	
		For High Strength Low Alloy A572-50 Steel, Add	11.68	
		For High Strength Low Alloy A588 Steel, Add	25.96	
		For Each Additional Top Copes >2, Add	0.73	
		For Structural Tees, WT, MT Or ST, Deduct	-36.90	
		For Skewed Or Sloped Connections, Add	15.58	
05 12 23 00-0273	LF	W21 x 50 A992/A36 Structural Beam Or Girder	114.90	46.29
		For Hot Dip Galvanizing, Add	18.15	
		For High Strength Low Alloy A572-50 Steel, Add	10.34	
		For High Strength Low Alloy A588 Steel, Add	22.98	
		For Each Additional Top Copes >2, Add	0.65	
		For Structural Tees, WT, MT Or ST, Deduct	-32.79	
		For Skewed Or Sloped Connections, Add	13.79	
05 12 23 00-0274	LF	W21 x 44 A992/A36 Structural Beam Or Girder	109.98	46.09
		For Hot Dip Galvanizing, Add	16.87	
		For High Strength Low Alloy A572-50 Steel, Add	9.90	
		For High Strength Low Alloy A588 Steel, Add	22.00	
		For Each Additional Top Copes >2, Add	0.61	
		For Structural Tees, WT, MT Or ST, Deduct	-31.12	
		For Skewed Or Sloped Connections, Add	13.20	
05 12 23 00-0275	LF	W18 x 119 A992/A36 Structural Beam Or Girder.....	189.19	54.37
		For Hot Dip Galvanizing, Add	36.40	
		For High Strength Low Alloy A572-50 Steel, Add	17.03	
		For High Strength Low Alloy A588 Steel, Add	37.84	
		For Each Additional Top Copes >2, Add	1.31	
		For Structural Tees, WT, MT Or ST, Deduct	-57.52	
		For Skewed Or Sloped Connections, Add	22.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0276	LF		W18 x 106 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	171.82 32.43 15.46 34.36 1.17 -51.89 20.62	51.54
05 12 23 00-0277	LF		W18 x 97 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	165.85 29.67 14.93 33.17 1.07 -49.21 19.90	55.12
05 12 23 00-0278	LF		W18 x 86 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	156.25 27.18 14.06 31.25 0.98 -45.94 18.75	54.61
05 12 23 00-0279	LF		W18 x 76 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	147.61 24.93 13.28 29.52 0.90 -43.00 17.71	54.10
05 12 23 00-0280	LF		W18 x 71 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	141.34 23.24 12.72 28.27 0.84 -40.83 16.96	54.00
05 12 23 00-0281	LF		W18 x 65 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	135.20 21.62 12.17 27.04 0.78 -38.73 16.22	53.79
05 12 23 00-0282	LF		W18 x 60 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	129.66 20.17 11.67 25.93 0.73 -36.84 15.56	53.38
05 12 23 00-0283	LF		W18 x 55 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	124.13 18.69 11.17 24.83 0.67 -34.93 14.90	53.27
05 12 23 00-0284	LF		W18 x 50 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	111.50 17.21 10.04 22.30 0.62 -31.60 13.38	46.29
05 12 23 00-0285	LF		W18 x 46 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	107.17 16.07 9.65 21.43 0.58 -30.12 12.86	46.20
05 12 23 00-0286	LF		W18 x 40 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	93.55 14.28 8.42 18.71 0.51 -26.43 11.23	39.41
05 12 23 00-0287	LF		W18 x 35 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	88.12 12.83 7.93 17.62 0.46 -24.56 10.57	39.32
05 12 23 00-0288	LF		W16 x 100 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	153.13 31.90 13.78 30.63 1.15 -47.87 18.38	35.83

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0289	LF	W16 x 89 A992/A36 Structural Beam Or Girder	140.86	35.21
		<i>For Hot Dip Galvanizing, Add</i>	28.66	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.68	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	28.17	
		<i>For Each Additional Top Copes >2, Add</i>	1.03	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-43.67	
		<i>For Skewed Or Sloped Connections, Add</i>	16.90	
05 12 23 00-0290	LF	W16 x 77 A992/A36 Structural Beam Or Girder	127.73	34.80
		<i>For Hot Dip Galvanizing, Add</i>	25.16	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.50	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	25.55	
		<i>For Each Additional Top Copes >2, Add</i>	0.91	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.15	
		<i>For Skewed Or Sloped Connections, Add</i>	15.33	
05 12 23 00-0291	LF	W16 x 67 A992/A36 Structural Beam Or Girder	116.53	34.29
		<i>For Hot Dip Galvanizing, Add</i>	22.19	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.49	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	23.31	
		<i>For Each Additional Top Copes >2, Add</i>	0.80	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-35.30	
		<i>For Skewed Or Sloped Connections, Add</i>	13.98	
05 12 23 00-0292	LF	W16 x 57 A992/A36 Structural Beam Or Girder	105.45	33.77
		<i>For Hot Dip Galvanizing, Add</i>	19.27	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.49	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	21.09	
		<i>For Each Additional Top Copes >2, Add</i>	0.69	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-31.50	
		<i>For Skewed Or Sloped Connections, Add</i>	12.65	
05 12 23 00-0293	LF	W16 x 50 A992/A36 Structural Beam Or Girder	97.74	33.46
		<i>For Hot Dip Galvanizing, Add</i>	17.21	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.80	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	19.55	
		<i>For Each Additional Top Copes >2, Add</i>	0.62	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-28.85	
		<i>For Skewed Or Sloped Connections, Add</i>	11.73	
05 12 23 00-0294	LF	W16 x 45 A992/A36 Structural Beam Or Girder	92.31	33.25
		<i>For Hot Dip Galvanizing, Add</i>	15.76	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.31	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	18.46	
		<i>For Each Additional Top Copes >2, Add</i>	0.57	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.98	
		<i>For Skewed Or Sloped Connections, Add</i>	11.08	
05 12 23 00-0295	LF	W16 x 40 A992/A36 Structural Beam Or Girder	86.67	32.95
		<i>For Hot Dip Galvanizing, Add</i>	14.28	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.80	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	17.33	
		<i>For Each Additional Top Copes >2, Add</i>	0.51	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-25.05	
		<i>For Skewed Or Sloped Connections, Add</i>	10.40	
05 12 23 00-0296	LF	W16 x 36 A992/A36 Structural Beam Or Girder	82.24	32.74
		<i>For Hot Dip Galvanizing, Add</i>	13.14	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.40	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	16.45	
		<i>For Each Additional Top Copes >2, Add</i>	0.47	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.55	
		<i>For Skewed Or Sloped Connections, Add</i>	9.87	
05 12 23 00-0297	LF	W16 x 31 A992/A36 Structural Beam Or Girder	69.81	26.07
		<i>For Hot Dip Galvanizing, Add</i>	11.65	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.28	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	13.96	
		<i>For Each Additional Top Copes >2, Add</i>	0.42	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.26	
		<i>For Skewed Or Sloped Connections, Add</i>	8.38	
05 12 23 00-0298	LF	W16 x 26 A992/A36 Structural Beam Or Girder	62.71	25.77
		<i>For Hot Dip Galvanizing, Add</i>	9.77	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.64	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	12.54	
		<i>For Each Additional Top Copes >2, Add</i>	0.35	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-17.82	
		<i>For Skewed Or Sloped Connections, Add</i>	7.53	
05 12 23 00-0299	LF	W14 x 99 A992/A36 Structural Beam Or Girder	145.16	29.36
		<i>For Hot Dip Galvanizing, Add</i>	31.59	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.06	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	29.03	
		<i>For Each Additional Top Copes >2, Add</i>	1.14	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-46.11	
		<i>For Skewed Or Sloped Connections, Add</i>	17.42	
05 12 23 00-0300	LF	W14 x 90 A992/A36 Structural Beam Or Girder	135.17	28.84
		<i>For Hot Dip Galvanizing, Add</i>	28.97	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.17	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	27.03	
		<i>For Each Additional Top Copes >2, Add</i>	1.04	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-42.69	
		<i>For Skewed Or Sloped Connections, Add</i>	16.22	
05 12 23 00-0301	LF	W14 x 82 A992/A36 Structural Beam Or Girder	126.26	28.54
		<i>For Hot Dip Galvanizing, Add</i>	26.61	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.36	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	25.25	
		<i>For Each Additional Top Copes >2, Add</i>	0.96	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.63	
		<i>For Skewed Or Sloped Connections, Add</i>	15.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0302	LF			W14 x 74 A992/A36 Structural Beam Or Girder	117.37	28.12
				For Hot Dip Galvanizing, Add	24.25	
				For High Strength Low Alloy A572-50 Steel, Add	10.56	
				For High Strength Low Alloy A588 Steel, Add	23.47	
				For Each Additional Top Copes >2, Add	0.87	
				For Structural Tees, WT, MT Or ST, Deduct	-36.58	
				For Skewed Or Sloped Connections, Add	14.08	
05 12 23 00-0303	LF			W14 x 68 A992/A36 Structural Beam Or Girder	110.75	27.82
				For Hot Dip Galvanizing, Add	22.50	
				For High Strength Low Alloy A572-50 Steel, Add	9.97	
				For High Strength Low Alloy A588 Steel, Add	22.15	
				For Each Additional Top Copes >2, Add	0.81	
				For Structural Tees, WT, MT Or ST, Deduct	-34.31	
				For Skewed Or Sloped Connections, Add	13.29	
05 12 23 00-0304	LF			W14 x 61 A992/A36 Structural Beam Or Girder	103.03	27.50
				For Hot Dip Galvanizing, Add	20.44	
				For High Strength Low Alloy A572-50 Steel, Add	9.27	
				For High Strength Low Alloy A588 Steel, Add	20.61	
				For Each Additional Top Copes >2, Add	0.74	
				For Structural Tees, WT, MT Or ST, Deduct	-31.66	
				For Skewed Or Sloped Connections, Add	12.36	
05 12 23 00-0305	LF			W14 x 53 A992/A36 Structural Beam Or Girder	94.25	27.10
				For Hot Dip Galvanizing, Add	18.12	
				For High Strength Low Alloy A572-50 Steel, Add	8.48	
				For High Strength Low Alloy A588 Steel, Add	18.85	
				For Each Additional Top Copes >2, Add	0.65	
				For Structural Tees, WT, MT Or ST, Deduct	-28.65	
				For Skewed Or Sloped Connections, Add	11.31	
05 12 23 00-0306	LF			W14 x 48 A992/A36 Structural Beam Or Girder	88.59	26.79
				For Hot Dip Galvanizing, Add	16.64	
				For High Strength Low Alloy A572-50 Steel, Add	7.97	
				For High Strength Low Alloy A588 Steel, Add	17.72	
				For Each Additional Top Copes >2, Add	0.60	
				For Structural Tees, WT, MT Or ST, Deduct	-26.71	
				For Skewed Or Sloped Connections, Add	10.63	
05 12 23 00-0307	LF			W14 x 43 A992/A36 Structural Beam Or Girder	83.05	26.69
				For Hot Dip Galvanizing, Add	15.16	
				For High Strength Low Alloy A572-50 Steel, Add	7.47	
				For High Strength Low Alloy A588 Steel, Add	16.61	
				For Each Additional Top Copes >2, Add	0.55	
				For Structural Tees, WT, MT Or ST, Deduct	-24.80	
				For Skewed Or Sloped Connections, Add	9.97	
05 12 23 00-0308	LF			W14 x 38 A992/A36 Structural Beam Or Girder	77.52	26.48
				For Hot Dip Galvanizing, Add	13.71	
				For High Strength Low Alloy A572-50 Steel, Add	6.98	
				For High Strength Low Alloy A588 Steel, Add	15.50	
				For Each Additional Top Copes >2, Add	0.49	
				For Structural Tees, WT, MT Or ST, Deduct	-22.91	
				For Skewed Or Sloped Connections, Add	9.30	
05 12 23 00-0309	LF			W14 x 34 A992/A36 Structural Beam Or Girder	73.07	26.18
				For Hot Dip Galvanizing, Add	12.53	
				For High Strength Low Alloy A572-50 Steel, Add	6.58	
				For High Strength Low Alloy A588 Steel, Add	14.61	
				For Each Additional Top Copes >2, Add	0.45	
				For Structural Tees, WT, MT Or ST, Deduct	-21.39	
				For Skewed Or Sloped Connections, Add	8.77	
05 12 23 00-0310	LF			W14 x 30 A992/A36 Structural Beam Or Girder	68.61	26.07
				For Hot Dip Galvanizing, Add	11.35	
				For High Strength Low Alloy A572-50 Steel, Add	6.17	
				For High Strength Low Alloy A588 Steel, Add	13.72	
				For Each Additional Top Copes >2, Add	0.41	
				For Structural Tees, WT, MT Or ST, Deduct	-19.86	
				For Skewed Or Sloped Connections, Add	8.23	
05 12 23 00-0311	LF			W14 x 26 A992/A36 Structural Beam Or Girder	64.15	25.77
				For Hot Dip Galvanizing, Add	10.17	
				For High Strength Low Alloy A572-50 Steel, Add	5.77	
				For High Strength Low Alloy A588 Steel, Add	12.83	
				For Each Additional Top Copes >2, Add	0.37	
				For Structural Tees, WT, MT Or ST, Deduct	-18.33	
				For Skewed Or Sloped Connections, Add	7.70	
05 12 23 00-0312	LF			W14 x 22 A992/A36 Structural Beam Or Girder	59.84	25.66
				For Hot Dip Galvanizing, Add	9.03	
				For High Strength Low Alloy A572-50 Steel, Add	5.39	
				For High Strength Low Alloy A588 Steel, Add	11.97	
				For Each Additional Top Copes >2, Add	0.33	
				For Structural Tees, WT, MT Or ST, Deduct	-16.85	
				For Skewed Or Sloped Connections, Add	7.18	
05 12 23 00-0313	LF			W12 x 87 A992/A36 Structural Beam Or Girder	131.91	28.74
				For Hot Dip Galvanizing, Add	28.09	
				For High Strength Low Alloy A572-50 Steel, Add	11.87	
				For High Strength Low Alloy A588 Steel, Add	26.38	
				For Each Additional Top Copes >2, Add	1.01	
				For Structural Tees, WT, MT Or ST, Deduct	-41.57	
				For Skewed Or Sloped Connections, Add	15.83	
05 12 23 00-0314	LF			W12 x 79 A992/A36 Structural Beam Or Girder	123.02	28.33
				For Hot Dip Galvanizing, Add	25.73	
				For High Strength Low Alloy A572-50 Steel, Add	11.07	
				For High Strength Low Alloy A588 Steel, Add	24.60	
				For Each Additional Top Copes >2, Add	0.93	
				For Structural Tees, WT, MT Or ST, Deduct	-38.51	
				For Skewed Or Sloped Connections, Add	14.76	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0315	LF		W12 x 72 A992/A36 Structural Beam Or Girder	115.19	28.03
			For Hot Dip Galvanizing, Add	23.68	
			For High Strength Low Alloy A572-50 Steel, Add	10.37	
			For High Strength Low Alloy A588 Steel, Add	23.04	
			For Each Additional Top Copes >2, Add	0.85	
			For Structural Tees, WT, MT Or ST, Deduct	-35.84	
			For Skewed Or Sloped Connections, Add	13.82	
05 12 23 00-0316	LF		W12 x 65 A992/A36 Structural Beam Or Girder	107.48	27.71
			For Hot Dip Galvanizing, Add	21.62	
			For High Strength Low Alloy A572-50 Steel, Add	9.67	
			For High Strength Low Alloy A588 Steel, Add	21.50	
			For Each Additional Top Copes >2, Add	0.78	
			For Structural Tees, WT, MT Or ST, Deduct	-33.18	
			For Skewed Or Sloped Connections, Add	12.90	
05 12 23 00-0317	LF		W12 x 58 A992/A36 Structural Beam Or Girder	99.68	27.31
			For Hot Dip Galvanizing, Add	19.57	
			For High Strength Low Alloy A572-50 Steel, Add	8.97	
			For High Strength Low Alloy A588 Steel, Add	19.94	
			For Each Additional Top Copes >2, Add	0.71	
			For Structural Tees, WT, MT Or ST, Deduct	-30.51	
			For Skewed Or Sloped Connections, Add	11.96	
05 12 23 00-0318	LF		W12 x 53 A992/A36 Structural Beam Or Girder	94.25	27.10
			For Hot Dip Galvanizing, Add	18.12	
			For High Strength Low Alloy A572-50 Steel, Add	8.48	
			For High Strength Low Alloy A588 Steel, Add	18.85	
			For Each Additional Top Copes >2, Add	0.65	
			For Structural Tees, WT, MT Or ST, Deduct	-28.65	
			For Skewed Or Sloped Connections, Add	11.31	
05 12 23 00-0319	LF		W12 x 50 A992/A36 Structural Beam Or Girder	90.76	26.99
			For Hot Dip Galvanizing, Add	17.21	
			For High Strength Low Alloy A572-50 Steel, Add	8.17	
			For High Strength Low Alloy A588 Steel, Add	18.15	
			For Each Additional Top Copes >2, Add	0.62	
			For Structural Tees, WT, MT Or ST, Deduct	-27.46	
			For Skewed Or Sloped Connections, Add	10.89	
05 12 23 00-0320	LF		W12 x 45 A992/A36 Structural Beam Or Girder	85.34	26.79
			For Hot Dip Galvanizing, Add	15.76	
			For High Strength Low Alloy A572-50 Steel, Add	7.68	
			For High Strength Low Alloy A588 Steel, Add	17.07	
			For Each Additional Top Copes >2, Add	0.57	
			For Structural Tees, WT, MT Or ST, Deduct	-25.59	
			For Skewed Or Sloped Connections, Add	10.24	
05 12 23 00-0321	LF		W12 x 40 A992/A36 Structural Beam Or Girder	72.71	19.91
			For Hot Dip Galvanizing, Add	14.28	
			For High Strength Low Alloy A572-50 Steel, Add	6.54	
			For High Strength Low Alloy A588 Steel, Add	14.54	
			For Each Additional Top Copes >2, Add	0.51	
			For Structural Tees, WT, MT Or ST, Deduct	-22.26	
			For Skewed Or Sloped Connections, Add	8.73	
05 12 23 00-0322	LF		W12 x 35 A992/A36 Structural Beam Or Girder	67.28	19.81
			For Hot Dip Galvanizing, Add	12.83	
			For High Strength Low Alloy A572-50 Steel, Add	6.06	
			For High Strength Low Alloy A588 Steel, Add	13.46	
			For Each Additional Top Copes >2, Add	0.46	
			For Structural Tees, WT, MT Or ST, Deduct	-20.39	
			For Skewed Or Sloped Connections, Add	8.07	
05 12 23 00-0323	LF		W12 x 30 A992/A36 Structural Beam Or Girder	61.63	19.51
			For Hot Dip Galvanizing, Add	11.35	
			For High Strength Low Alloy A572-50 Steel, Add	5.55	
			For High Strength Low Alloy A588 Steel, Add	12.33	
			For Each Additional Top Copes >2, Add	0.41	
			For Structural Tees, WT, MT Or ST, Deduct	-18.46	
			For Skewed Or Sloped Connections, Add	7.40	
05 12 23 00-0324	LF		W12 x 26 A992/A36 Structural Beam Or Girder	57.18	19.30
			For Hot Dip Galvanizing, Add	10.17	
			For High Strength Low Alloy A572-50 Steel, Add	5.15	
			For High Strength Low Alloy A588 Steel, Add	11.44	
			For Each Additional Top Copes >2, Add	0.37	
			For Structural Tees, WT, MT Or ST, Deduct	-16.93	
			For Skewed Or Sloped Connections, Add	6.86	
05 12 23 00-0325	LF		W12 x 22 A992/A36 Structural Beam Or Girder	52.85	19.09
			For Hot Dip Galvanizing, Add	9.03	
			For High Strength Low Alloy A572-50 Steel, Add	4.76	
			For High Strength Low Alloy A588 Steel, Add	10.57	
			For Each Additional Top Copes >2, Add	0.33	
			For Structural Tees, WT, MT Or ST, Deduct	-15.45	
			For Skewed Or Sloped Connections, Add	6.34	
05 12 23 00-0326	LF		W12 x 19 A992/A36 Structural Beam Or Girder	49.47	18.99
			For Hot Dip Galvanizing, Add	8.12	
			For High Strength Low Alloy A572-50 Steel, Add	4.45	
			For High Strength Low Alloy A588 Steel, Add	9.89	
			For Each Additional Top Copes >2, Add	0.29	
			For Structural Tees, WT, MT Or ST, Deduct	-14.28	
			For Skewed Or Sloped Connections, Add	5.94	
05 12 23 00-0327	LF		W12 x 16 A992/A36 Structural Beam Or Girder	46.12	18.68
			For Hot Dip Galvanizing, Add	7.24	
			For High Strength Low Alloy A572-50 Steel, Add	4.15	
			For High Strength Low Alloy A588 Steel, Add	9.22	
			For Each Additional Top Copes >2, Add	0.26	
			For Structural Tees, WT, MT Or ST, Deduct	-13.14	
			For Skewed Or Sloped Connections, Add	5.53	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0328	LF			W12 x 14 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	43.94 6.67 3.95 8.79 0.24 -12.39 5.27	18.68
05 12 23 00-0329	LF			W10 x 68 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	104.11 22.57 9.37 20.82 0.81 -33.02 12.49	21.45
05 12 23 00-0330	LF			W10 x 60 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	95.32 20.24 8.58 19.06 0.73 -30.01 11.44	21.04
05 12 23 00-0331	LF			W10 x 54 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	88.58 18.46 7.97 17.72 0.67 -27.69 10.63	20.64
05 12 23 00-0332	LF			W10 x 49 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	83.06 17.01 7.48 16.61 0.61 -25.81 9.97	20.43
05 12 23 00-0333	LF			W10 x 45 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	78.61 15.83 7.07 15.72 0.57 -24.28 9.43	20.32
05 12 23 00-0334	LF			W10 x 39 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	71.98 14.08 6.48 14.40 0.51 -22.01 8.64	19.91
05 12 23 00-0335	LF			W10 x 33 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	65.36 12.33 5.88 13.07 0.44 -19.74 7.84	19.60
05 12 23 00-0336	LF			W10 x 30 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	61.99 11.42 5.58 12.40 0.41 -18.57 7.44	19.51
05 12 23 00-0337	LF			W10 x 26 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	57.66 10.27 5.19 11.53 0.37 -17.09 6.92	19.40
05 12 23 00-0338	LF			W10 x 22 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	53.09 9.09 4.78 10.62 0.33 -15.53 6.37	19.09
05 12 23 00-0339	LF			W10 x 19 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	49.83 8.22 4.48 9.97 0.30 -14.41 5.98	18.99
05 12 23 00-0340	LF			W10 x 17 A992/A36 Structural Beam Or Girder <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	47.54 7.61 4.28 9.51 0.27 -13.62 5.70	18.89

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0341	LF	W10 x 15 A992/A36 Structural Beam Or Girder	45.39	18.68
		<i>For Hot Dip Galvanizing, Add</i>	7.04	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.09	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	9.08	
		<i>For Each Additional Top Copes >2, Add</i>	0.25	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-12.88	
		<i>For Skewed Or Sloped Connections, Add</i>	5.45	
05 12 23 00-0342	LF	W10 x 12 A992/A36 Structural Beam Or Girder	42.12	18.68
		<i>For Hot Dip Galvanizing, Add</i>	6.16	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.79	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	8.42	
		<i>For Each Additional Top Copes >2, Add</i>	0.22	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-11.76	
		<i>For Skewed Or Sloped Connections, Add</i>	5.05	
05 12 23 00-0343	LF	W8 x 35 A992/A36 Structural Beam Or Girder	67.53	19.81
		<i>For Hot Dip Galvanizing, Add</i>	12.90	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.08	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	13.51	
		<i>For Each Additional Top Copes >2, Add</i>	0.46	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.48	
		<i>For Skewed Or Sloped Connections, Add</i>	8.10	
05 12 23 00-0344	LF	W8 x 31 A992/A36 Structural Beam Or Girder	63.08	19.51
		<i>For Hot Dip Galvanizing, Add</i>	11.72	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.68	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	12.62	
		<i>For Each Additional Top Copes >2, Add</i>	0.42	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-18.95	
		<i>For Skewed Or Sloped Connections, Add</i>	7.57	
05 12 23 00-0345	LF	W8 x 28 A992/A36 Structural Beam Or Girder	58.68	18.38
		<i>For Hot Dip Galvanizing, Add</i>	10.84	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.28	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	11.74	
		<i>For Each Additional Top Copes >2, Add</i>	0.39	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-17.60	
		<i>For Skewed Or Sloped Connections, Add</i>	7.04	
05 12 23 00-0346	LF	W8 x 24 A992/A36 Structural Beam Or Girder	53.59	17.25
		<i>For Hot Dip Galvanizing, Add</i>	9.77	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.82	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	10.72	
		<i>For Each Additional Top Copes >2, Add</i>	0.35	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-16.00	
		<i>For Skewed Or Sloped Connections, Add</i>	6.43	
05 12 23 00-0347	LF	W8 x 21 A992/A36 Structural Beam Or Girder	49.87	16.02
		<i>For Hot Dip Galvanizing, Add</i>	9.08	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.49	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	9.97	
		<i>For Each Additional Top Copes >2, Add</i>	0.33	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-14.88	
		<i>For Skewed Or Sloped Connections, Add</i>	5.98	
05 12 23 00-0348	LF	W8 x 18 A992/A36 Structural Beam Or Girder	43.78	14.89
		<i>For Hot Dip Galvanizing, Add</i>	7.73	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.94	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	8.76	
		<i>For Each Additional Top Copes >2, Add</i>	0.28	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-12.94	
		<i>For Skewed Or Sloped Connections, Add</i>	5.25	
05 12 23 00-0349	LF	W8 x 10 A992/A36 Structural Beam Or Girder	26.17	10.67
		<i>For Hot Dip Galvanizing, Add</i>	4.13	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.36	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	5.23	
		<i>For Each Additional Top Copes >2, Add</i>	0.15	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-7.47	
		<i>For Skewed Or Sloped Connections, Add</i>	3.14	
05 12 23 00-0350	LF	W6 x 9 A992/A36 Structural Beam Or Girder	23.93	8.73
		<i>For Hot Dip Galvanizing, Add</i>	4.08	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.15	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	4.79	
		<i>For Each Additional Top Copes >2, Add</i>	0.15	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-6.99	
		<i>For Skewed Or Sloped Connections, Add</i>	2.87	

05 12 23 00-0351 A992/A36 Structural Steel, M Shapes (05 12 23 00-0133)

Note: Includes material delivery and erection.

05 12 23 00-0352	LF	M14 x 18 A992/A36 Structural Steel	49.06	14.33
		<i>For Hot Dip Galvanizing, Add</i>	9.38	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.42	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.81	
05 12 23 00-0353	LF	M12 x 11.8 A992/A36 Structural Steel	35.66	12.67
		<i>For Hot Dip Galvanizing, Add</i>	6.15	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.21	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.13	
05 12 23 00-0354	LF	M10 x 9 A992/A36 Structural Steel	27.74	10.17
		<i>For Hot Dip Galvanizing, Add</i>	4.69	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.50	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	5.55	
05 12 23 00-0355	LF	M8 x 6.5 A992/A36 Structural Steel	20.03	7.34
		<i>For Hot Dip Galvanizing, Add</i>	3.39	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	1.80	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	4.01	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0356	LF			M6 x 20 A992/A36 Structural Steel..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	55.00 10.42 4.95 11.00	16.53
05 12 23 00-0357	LF			M6 x 4.4 A992/A36 Structural Steel..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.55 2.29 1.22 2.71	4.97
05 12 23 00-0358	LF			M5 x 18.9 A992/A36 Structural Steel..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	53.08 9.83 4.78 10.62	16.53
05 12 23 00-0359	LF			M4 x 13 A992/A36 Structural Steel..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.95 7.41 3.96 8.79	16.21
05 12 23 00-0360 A992/A36 Structural Steel, S Shapes <small>(05 12 23 00-0133)</small>						
Note: Includes material delivery and erection.						
05 12 23 00-0361	LF			S24 x 121 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	292.52 59.71 26.33 58.50	72.56
05 12 23 00-0362	LF			S24 x 106 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	259.84 52.31 23.39 51.97	66.92
05 12 23 00-0363	LF			S24 x 100 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	248.67 49.35 22.38 49.73	66.45
05 12 23 00-0364	LF			S24 x 90 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	227.16 44.41 20.44 45.43	62.96
05 12 23 00-0365	LF			S24 x 80 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	205.05 39.48 18.45 41.01	58.91
05 12 23 00-0366	LF			S20 x 96 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	238.73 47.37 21.49 47.75	63.79
05 12 23 00-0367	LF			S20 x 86 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	217.07 42.44 19.54 43.41	60.16
05 12 23 00-0368	LF			S20 x 75 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	192.24 37.01 17.30 38.45	55.23
05 12 23 00-0369	LF			S20 x 66 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	171.90 32.57 15.47 34.38	51.16
05 12 23 00-0370	LF			S18 x 70 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	182.33 34.54 16.41 36.47	54.25
05 12 23 00-0371	LF			S18 x 54.7 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.85 26.99 13.04 28.97	44.63
05 12 23 00-0372	LF			S15 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	134.69 24.67 12.12 26.94	42.94
05 12 23 00-0373	LF			S15 x 42.9 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	117.64 21.17 10.59 23.53	38.78
05 12 23 00-0374	LF			S12 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	132.40 24.67 11.92 26.48	40.79
05 12 23 00-0375	LF			S12 x 40.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	109.90 20.13 9.89 21.98	35.04
05 12 23 00-0376	LF			S12 x 35 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	95.97 17.27 8.64 19.19	31.64
05 12 23 00-0377	LF			S12 x 31.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	88.81 15.69 7.99 17.76	30.26

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0378	LF	S10 x 35 A992/A36 Structural Steel.....	97.75	33.31
		<i>For Hot Dip Galvanizing, Add</i>	17.27	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.80	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.55	
05 12 23 00-0379	LF	S10 x 25.4 A992/A36 Structural Steel.....	72.30	25.44
		<i>For Hot Dip Galvanizing, Add</i>	12.53	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.51	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.46	
05 12 23 00-0380	LF	S8 x 23 A992/A36 Structural Steel.....	65.47	23.04
		<i>For Hot Dip Galvanizing, Add</i>	11.35	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.89	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.09	
05 12 23 00-0381	LF	S8 x 18.4 A992/A36 Structural Steel.....	53.40	19.40
		<i>For Hot Dip Galvanizing, Add</i>	9.08	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.81	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	10.68	
05 12 23 00-0382	LF	S7 x 20 A992/A36 Structural Steel.....	58.04	21.09
		<i>For Hot Dip Galvanizing, Add</i>	9.87	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.22	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.61	
05 12 23 00-0383	LF	S7 x 15.3 A992/A36 Structural Steel.....	45.32	16.98
		<i>For Hot Dip Galvanizing, Add</i>	7.55	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.08	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.06	
05 12 23 00-0384	LF	S6 x 17.25 A992/A36 Structural Steel.....	49.15	17.33
		<i>For Hot Dip Galvanizing, Add</i>	8.51	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.42	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.83	
05 12 23 00-0385	LF	S6 x 12.5 A992/A36 Structural Steel.....	42.30	16.02
		<i>For Hot Dip Galvanizing, Add</i>	6.98	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.81	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.46	
05 12 23 00-0386	LF	S5 x 14.75 A992/A36 Structural Steel.....	44.92	16.32
		<i>For Hot Dip Galvanizing, Add</i>	7.65	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.04	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.98	
05 12 23 00-0387	LF	S5 x 10 A992/A36 Structural Steel.....	38.45	15.91
		<i>For Hot Dip Galvanizing, Add</i>	5.94	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.46	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.69	
05 12 23 00-0388	LF	S4 x 9.5 A992/A36 Structural Steel.....	37.45	15.91
		<i>For Hot Dip Galvanizing, Add</i>	5.66	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.37	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.49	
05 12 23 00-0389	LF	S4 x 7.7 A992/A36 Structural Steel.....	35.15	15.91
		<i>For Hot Dip Galvanizing, Add</i>	5.05	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.16	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.03	
05 12 23 00-0390	LF	S3 x 7.5 A992/A36 Structural Steel.....	34.93	15.91
		<i>For Hot Dip Galvanizing, Add</i>	4.99	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.14	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.99	
05 12 23 00-0391	LF	S3 x 5.7 A992/A36 Structural Steel.....	32.17	15.81
		<i>For Hot Dip Galvanizing, Add</i>	4.26	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.90	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.43	
05 12 23 00-0392		A992/A36 Structural Steel, HP Shapes <small>(05 12 23 00-0133)</small>		
		Note: Includes material delivery and erection.		
05 12 23 00-0393	LF	HP14 x 117 A992/A36 Structural Steel.....	175.74	21.50
		<i>For Hot Dip Galvanizing, Add</i>	42.41	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.82	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	35.15	
05 12 23 00-0394	LF	HP14 x 102 A992/A36 Structural Steel.....	154.00	20.01
		<i>For Hot Dip Galvanizing, Add</i>	36.82	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.86	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	30.80	
05 12 23 00-0395	LF	HP14 x 89 A992/A36 Structural Steel.....	137.39	18.76
		<i>For Hot Dip Galvanizing, Add</i>	32.57	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.37	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	27.48	
05 12 23 00-0396	LF	HP14 x 73 A992/A36 Structural Steel.....	114.16	17.69
		<i>For Hot Dip Galvanizing, Add</i>	26.45	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.27	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.83	
05 12 23 00-0397	LF	HP13 x 100 A992/A36 Structural Steel.....	150.99	19.62
		<i>For Hot Dip Galvanizing, Add</i>	36.10	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.59	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	30.20	
05 12 23 00-0398	LF	HP13 x 87 A992/A36 Structural Steel.....	134.31	18.35
		<i>For Hot Dip Galvanizing, Add</i>	31.84	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.09	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.86	
05 12 23 00-0399	LF	HP13 x 73 A992/A36 Structural Steel.....	114.16	17.69
		<i>For Hot Dip Galvanizing, Add</i>	26.45	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.27	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0400 LF HP13 x 60 A992/A36 Structural Steel.....	97.10	16.95
For Hot Dip Galvanizing, Add	21.93	
For High Strength Low Alloy A572-50 Steel, Add	8.74	
For High Strength Low Alloy A588 Grade B Steel, Add	19.42	
05 12 23 00-0401 LF HP12 x 84 A992/A36 Structural Steel.....	127.09	19.35
For Hot Dip Galvanizing, Add	29.55	
For High Strength Low Alloy A572-50 Steel, Add	11.44	
For High Strength Low Alloy A588 Grade B Steel, Add	25.42	
05 12 23 00-0402 LF HP12 x 74 A992/A36 Structural Steel.....	112.51	18.25
For Hot Dip Galvanizing, Add	25.82	
For High Strength Low Alloy A572-50 Steel, Add	10.13	
For High Strength Low Alloy A588 Grade B Steel, Add	22.50	
05 12 23 00-0403 LF HP12 x 63 A992/A36 Structural Steel.....	97.06	16.78
For Hot Dip Galvanizing, Add	21.97	
For High Strength Low Alloy A572-50 Steel, Add	8.74	
For High Strength Low Alloy A588 Grade B Steel, Add	19.41	
05 12 23 00-0404 LF HP12 x 53 A992/A36 Structural Steel.....	89.10	15.96
For Hot Dip Galvanizing, Add	20.01	
For High Strength Low Alloy A572-50 Steel, Add	8.02	
For High Strength Low Alloy A588 Grade B Steel, Add	17.82	
05 12 23 00-0405 LF HP10 x 57 A992/A36 Structural Steel.....	93.78	16.37
For Hot Dip Galvanizing, Add	21.18	
For High Strength Low Alloy A572-50 Steel, Add	8.44	
For High Strength Low Alloy A588 Grade B Steel, Add	18.76	
05 12 23 00-0406 LF HP10 x 42 A992/A36 Structural Steel.....	77.65	15.34
For Hot Dip Galvanizing, Add	17.01	
For High Strength Low Alloy A572-50 Steel, Add	6.99	
For High Strength Low Alloy A588 Grade B Steel, Add	15.53	
05 12 23 00-0407 LF HP8 x 36 A992/A36 Structural Steel.....	67.73	14.47
For Hot Dip Galvanizing, Add	14.52	
For High Strength Low Alloy A572-50 Steel, Add	6.10	
For High Strength Low Alloy A588 Grade B Steel, Add	13.55	
05 12 23 00-0408 Lightweight Framing Steel Shapes <small>(05 12 23)</small>		
Note: Includes cutting to length. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0409 Angle Iron - L <small>(05 12 23 00-0408)</small>		
05 12 23 00-0410 1/8" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0411 LF 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	2.41	1.47
For >100 To 250, Deduct	-0.15	
For >250 To 500, Deduct	-0.21	
For >500 To 1,000, Deduct	-0.32	
For >1,000, Deduct	-0.43	
For Galvanized Steel, Add	0.28	
For 304 Stainless Steel, Add	1.28	
For High Strength Steel (HSS), Add	0.48	
05 12 23 00-0412 LF 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	2.79	1.66
For >100 To 250, Deduct	-0.17	
For >250 To 500, Deduct	-0.24	
For >500 To 1,000, Deduct	-0.36	
For >1,000, Deduct	-0.49	
For Galvanized Steel, Add	0.35	
For 304 Stainless Steel, Add	1.62	
For High Strength Steel (HSS), Add	0.56	
05 12 23 00-0413 LF 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	3.14	1.83
For >100 To 250, Deduct	-0.18	
For >250 To 500, Deduct	-0.26	
For >500 To 1,000, Deduct	-0.40	
For >1,000, Deduct	-0.54	
For Galvanized Steel, Add	0.43	
For 304 Stainless Steel, Add	2.00	
For High Strength Steel (HSS), Add	0.63	
05 12 23 00-0414 LF 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	3.53	2.04
For >100 To 250, Deduct	-0.20	
For >250 To 500, Deduct	-0.29	
For >500 To 1,000, Deduct	-0.45	
For >1,000, Deduct	-0.60	
For Galvanized Steel, Add	0.50	
For 304 Stainless Steel, Add	2.31	
For High Strength Steel (HSS), Add	0.71	
05 12 23 00-0415 LF 1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	3.88	2.20
For >100 To 250, Deduct	-0.22	
For >250 To 500, Deduct	-0.32	
For >500 To 1,000, Deduct	-0.49	
For >1,000, Deduct	-0.66	
For Galvanized Steel, Add	0.58	
For 304 Stainless Steel, Add	2.68	
For High Strength Steel (HSS), Add	0.78	
05 12 23 00-0416 LF 1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.65	2.60
For >100 To 250, Deduct	-0.26	
For >250 To 500, Deduct	-0.38	
For >500 To 1,000, Deduct	-0.58	
For >1,000, Deduct	-0.78	
For Galvanized Steel, Add	0.74	
For 304 Stainless Steel, Add	3.39	
For High Strength Steel (HSS), Add	0.93	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0417	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.65	2.60
		<i>For >100 To 250, Deduct</i>	-0.26	
		<i>For >250 To 500, Deduct</i>	-0.38	
		<i>For >500 To 1,000, Deduct</i>	-0.58	
		<i>For >1,000, Deduct</i>	-0.78	
		<i>For Galvanized Steel, Add</i>	0.74	
		<i>For 304 Stainless Steel, Add</i>	3.39	
		<i>For High Strength Steel (HSS), Add</i>	0.93	
05 12 23 00-0418	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	5.57	3.10
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.45	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000, Deduct</i>	-0.93	
		<i>For Galvanized Steel, Add</i>	0.89	
		<i>For 304 Stainless Steel, Add</i>	4.10	
		<i>For High Strength Steel (HSS), Add</i>	1.11	
05 12 23 00-0419	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.57	4.22
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.61	
		<i>For >500 To 1,000, Deduct</i>	-0.94	
		<i>For >1,000, Deduct</i>	-1.27	
		<i>For Galvanized Steel, Add</i>	1.21	
		<i>For 304 Stainless Steel, Add</i>	5.56	
		<i>For High Strength Steel (HSS), Add</i>	1.51	
05 12 23 00-0420		3/16" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0421	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	5.40	2.74
		<i>For >100 To 250, Deduct</i>	-0.27	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500 To 1,000, Deduct</i>	-0.64	
		<i>For >1,000, Deduct</i>	-0.86	
		<i>For Galvanized Steel, Add</i>	1.09	
		<i>For 304 Stainless Steel, Add</i>	4.99	
		<i>For High Strength Steel (HSS), Add</i>	1.08	
05 12 23 00-0422	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.40	2.74
		<i>For >100 To 250, Deduct</i>	-0.27	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500 To 1,000, Deduct</i>	-0.64	
		<i>For >1,000, Deduct</i>	-0.86	
		<i>For Galvanized Steel, Add</i>	1.09	
		<i>For 304 Stainless Steel, Add</i>	4.99	
		<i>For High Strength Steel (HSS), Add</i>	1.08	
05 12 23 00-0423	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	6.03	2.94
		<i>For >100 To 250, Deduct</i>	-0.29	
		<i>For >250 To 500, Deduct</i>	-0.44	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000, Deduct</i>	-0.94	
		<i>For Galvanized Steel, Add</i>	1.31	
		<i>For 304 Stainless Steel, Add</i>	6.04	
		<i>For High Strength Steel (HSS), Add</i>	1.21	
05 12 23 00-0424	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	7.08	3.15
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.49	
		<i>For >500 To 1,000, Deduct</i>	-0.77	
		<i>For >1,000, Deduct</i>	-1.05	
		<i>For Galvanized Steel, Add</i>	1.79	
		<i>For 304 Stainless Steel, Add</i>	8.24	
		<i>For High Strength Steel (HSS), Add</i>	1.42	
05 12 23 00-0425	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	7.75	3.37
		<i>For >100 To 250, Deduct</i>	-0.34	
		<i>For >250 To 500, Deduct</i>	-0.53	
		<i>For >500 To 1,000, Deduct</i>	-0.84	
		<i>For >1,000, Deduct</i>	-1.14	
		<i>For Galvanized Steel, Add</i>	2.02	
		<i>For 304 Stainless Steel, Add</i>	9.26	
		<i>For High Strength Steel (HSS), Add</i>	1.55	
05 12 23 00-0426	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.46	3.61
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500 To 1,000, Deduct</i>	-0.91	
		<i>For >1,000, Deduct</i>	-1.24	
		<i>For Galvanized Steel, Add</i>	2.26	
		<i>For 304 Stainless Steel, Add</i>	10.37	
		<i>For High Strength Steel (HSS), Add</i>	1.69	
05 12 23 00-0427	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.45	3.61
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500 To 1,000, Deduct</i>	-0.90	
		<i>For >1,000, Deduct</i>	-1.24	
		<i>For Galvanized Steel, Add</i>	2.25	
		<i>For 304 Stainless Steel, Add</i>	10.35	
		<i>For High Strength Steel (HSS), Add</i>	1.69	
05 12 23 00-0428	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	9.33	3.98
		<i>For >100 To 250, Deduct</i>	-0.40	
		<i>For >250 To 500, Deduct</i>	-0.63	
		<i>For >500 To 1,000, Deduct</i>	-1.00	
		<i>For >1,000, Deduct</i>	-1.36	
		<i>For Galvanized Steel, Add</i>	2.49	
		<i>For 304 Stainless Steel, Add</i>	11.43	
		<i>For High Strength Steel (HSS), Add</i>	1.87	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0429	LF 3" x 3" x 3/16" Thick, Plain Steel Angle Iron	.....	10.21	4.37
	For >100 To 250, Deduct		-0.44	
	For >250 To 500, Deduct		-0.69	
	For >500 To 1,000, Deduct		-1.09	
	For >1,000, Deduct		-1.49	
	For Galvanized Steel, Add		2.72	
	For 304 Stainless Steel, Add		12.51	
	For High Strength Steel (HSS), Add		2.04	
05 12 23 00-0430	1/4" Thick <small>(05 12 23 00-0409)</small>			
05 12 23 00-0431	LF 1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	.....	6.10	2.90
	For >100 To 250, Deduct		-0.29	
	For >250 To 500, Deduct		-0.44	
	For >500 To 1,000, Deduct		-0.69	
	For >1,000, Deduct		-0.94	
	For Galvanized Steel, Add		1.39	
	For 304 Stainless Steel, Add		6.38	
	For High Strength Steel (HSS), Add		1.22	
05 12 23 00-0432	LF 1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	.....	6.87	3.10
	For >100 To 250, Deduct		-0.31	
	For >250 To 500, Deduct		-0.48	
	For >500 To 1,000, Deduct		-0.76	
	For >1,000, Deduct		-1.03	
	For Galvanized Steel, Add		1.70	
	For 304 Stainless Steel, Add		7.81	
	For High Strength Steel (HSS), Add		1.37	
05 12 23 00-0433	LF 2" x 2" x 1/4" Thick, Plain Steel Angle Iron	.....	8.18	3.30
	For >100 To 250, Deduct		-0.33	
	For >250 To 500, Deduct		-0.54	
	For >500 To 1,000, Deduct		-0.85	
	For >1,000, Deduct		-1.16	
	For Galvanized Steel, Add		2.34	
	For 304 Stainless Steel, Add		10.74	
	For High Strength Steel (HSS), Add		1.64	
05 12 23 00-0434	LF 2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	.....	9.16	3.66
	For >100 To 250, Deduct		-0.37	
	For >250 To 500, Deduct		-0.60	
	For >500 To 1,000, Deduct		-0.95	
	For >1,000, Deduct		-1.30	
	For Galvanized Steel, Add		2.65	
	For 304 Stainless Steel, Add		12.20	
	For High Strength Steel (HSS), Add		1.83	
05 12 23 00-0435	LF 2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	.....	10.19	4.01
	For >100 To 250, Deduct		-0.40	
	For >250 To 500, Deduct		-0.66	
	For >500 To 1,000, Deduct		-1.04	
	For >1,000, Deduct		-1.43	
	For Galvanized Steel, Add		3.00	
	For 304 Stainless Steel, Add		13.79	
	For High Strength Steel (HSS), Add		2.04	
05 12 23 00-0436	LF 3" x 2" x 1/4" Thick, Plain Steel Angle Iron	.....	10.19	4.01
	For >100 To 250, Deduct		-0.40	
	For >250 To 500, Deduct		-0.66	
	For >500 To 1,000, Deduct		-1.04	
	For >1,000, Deduct		-1.43	
	For Galvanized Steel, Add		3.00	
	For 304 Stainless Steel, Add		13.79	
	For High Strength Steel (HSS), Add		2.04	
05 12 23 00-0437	LF 3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	.....	11.26	4.46
	For >100 To 250, Deduct		-0.45	
	For >250 To 500, Deduct		-0.73	
	For >500 To 1,000, Deduct		-1.16	
	For >1,000, Deduct		-1.59	
	For Galvanized Steel, Add		3.30	
	For 304 Stainless Steel, Add		15.16	
	For High Strength Steel (HSS), Add		2.25	
05 12 23 00-0438	LF 3" x 3" x 1/4" Thick, Plain Steel Angle Iron	.....	12.31	4.90
	For >100 To 250, Deduct		-0.49	
	For >250 To 500, Deduct		-0.80	
	For >500 To 1,000, Deduct		-1.27	
	For >1,000, Deduct		-1.74	
	For Galvanized Steel, Add		3.58	
	For 304 Stainless Steel, Add		16.47	
	For High Strength Steel (HSS), Add		2.46	
05 12 23 00-0439	LF 3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	.....	13.38	5.26
	For >100 To 250, Deduct		-0.53	
	For >250 To 500, Deduct		-0.86	
	For >500 To 1,000, Deduct		-1.37	
	For >1,000, Deduct		-1.88	
	For Galvanized Steel, Add		3.95	
	For 304 Stainless Steel, Add		18.15	
	For High Strength Steel (HSS), Add		2.68	
05 12 23 00-0440	LF 3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	.....	14.18	0.55
	For >100 To 250, Deduct		-0.55	
	For >250 To 500, Deduct		-0.90	
	For >500 To 1,000, Deduct		-1.44	
	For >1,000, Deduct		-1.98	
	For Galvanized Steel, Add		4.25	
	For 304 Stainless Steel, Add		19.55	
	For High Strength Steel (HSS), Add		2.84	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0441	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	14.18	5.49
		<i>For >100 To 250, Deduct</i>	-0.55	
		<i>For >250 To 500, Deduct</i>	-0.90	
		<i>For >500 To 1,000, Deduct</i>	-1.44	
		<i>For >1,000, Deduct</i>	-1.98	
		<i>For Galvanized Steel, Add</i>	4.25	
		<i>For 304 Stainless Steel, Add</i>	19.55	
		<i>For High Strength Steel (HSS), Add</i>	2.84	
05 12 23 00-0442	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	14.96	5.72
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-0.95	
		<i>For >500 To 1,000, Deduct</i>	-1.51	
		<i>For >1,000, Deduct</i>	-2.08	
		<i>For Galvanized Steel, Add</i>	4.54	
		<i>For 304 Stainless Steel, Add</i>	20.86	
		<i>For High Strength Steel (HSS), Add</i>	2.99	
05 12 23 00-0443	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron.....	15.77	5.98
		<i>For >100 To 250, Deduct</i>	-0.60	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500 To 1,000, Deduct</i>	-1.58	
		<i>For >1,000, Deduct</i>	-2.18	
		<i>For Galvanized Steel, Add</i>	4.84	
		<i>For 304 Stainless Steel, Add</i>	22.26	
		<i>For High Strength Steel (HSS), Add</i>	3.15	
05 12 23 00-0444	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	15.77	5.98
		<i>For >100 To 250, Deduct</i>	-0.60	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500 To 1,000, Deduct</i>	-1.58	
		<i>For >1,000, Deduct</i>	-2.18	
		<i>For Galvanized Steel, Add</i>	4.84	
		<i>For 304 Stainless Steel, Add</i>	22.26	
		<i>For High Strength Steel (HSS), Add</i>	3.15	
05 12 23 00-0445	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	16.65	6.30
		<i>For >100 To 250, Deduct</i>	-0.63	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500 To 1,000, Deduct</i>	-1.67	
		<i>For >1,000, Deduct</i>	-2.30	
		<i>For Galvanized Steel, Add</i>	5.12	
		<i>For 304 Stainless Steel, Add</i>	23.54	
		<i>For High Strength Steel (HSS), Add</i>	3.33	
05 12 23 00-0446		5/16" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0447	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	10.99	4.26
		<i>For >100 To 250, Deduct</i>	-0.43	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500 To 1,000, Deduct</i>	-1.12	
		<i>For >1,000, Deduct</i>	-1.53	
		<i>For Galvanized Steel, Add</i>	3.30	
		<i>For 304 Stainless Steel, Add</i>	15.16	
		<i>For High Strength Steel (HSS), Add</i>	2.20	
05 12 23 00-0448	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	11.94	4.51
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.75	
		<i>For >500 To 1,000, Deduct</i>	-1.20	
		<i>For >1,000, Deduct</i>	-1.65	
		<i>For Galvanized Steel, Add</i>	3.67	
		<i>For 304 Stainless Steel, Add</i>	16.87	
		<i>For High Strength Steel (HSS), Add</i>	2.39	
05 12 23 00-0449	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron.....	11.94	4.51
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.75	
		<i>For >500 To 1,000, Deduct</i>	-1.20	
		<i>For >1,000, Deduct</i>	-1.65	
		<i>For Galvanized Steel, Add</i>	3.67	
		<i>For 304 Stainless Steel, Add</i>	16.87	
		<i>For High Strength Steel (HSS), Add</i>	2.39	
05 12 23 00-0450	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	13.22	4.95
		<i>For >100 To 250, Deduct</i>	-0.49	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500 To 1,000, Deduct</i>	-1.32	
		<i>For >1,000, Deduct</i>	-1.82	
		<i>For Galvanized Steel, Add</i>	4.11	
		<i>For 304 Stainless Steel, Add</i>	18.90	
		<i>For High Strength Steel (HSS), Add</i>	2.64	
05 12 23 00-0451	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	14.38	5.37
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-0.90	
		<i>For >500 To 1,000, Deduct</i>	-1.44	
		<i>For >1,000, Deduct</i>	-1.97	
		<i>For Galvanized Steel, Add</i>	4.48	
		<i>For 304 Stainless Steel, Add</i>	20.58	
		<i>For High Strength Steel (HSS), Add</i>	2.88	
05 12 23 00-0452	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	15.34	5.64
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-0.95	
		<i>For >500 To 1,000, Deduct</i>	-1.52	
		<i>For >1,000, Deduct</i>	-2.09	
		<i>For Galvanized Steel, Add</i>	4.84	
		<i>For 304 Stainless Steel, Add</i>	22.26	
		<i>For High Strength Steel (HSS), Add</i>	3.07	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0453	LF			3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.40	5.93
				<i>For >100 To 250, Deduct</i>	-0.59	
				<i>For >250 To 500, Deduct</i>	-1.00	
				<i>For >500 To 1,000, Deduct</i>	-1.61	
				<i>For >1,000, Deduct</i>	-2.22	
				<i>For Galvanized Steel, Add</i>	5.27	
				<i>For 304 Stainless Steel, Add</i>	24.23	
				<i>For High Strength Steel (HSS), Add</i>	3.28	
05 12 23 00-0454	LF			4" x 3" x 5/16" Thick, Plain Steel Angle Iron	16.40	5.93
				<i>For >100 To 250, Deduct</i>	-0.59	
				<i>For >250 To 500, Deduct</i>	-1.00	
				<i>For >500 To 1,000, Deduct</i>	-1.61	
				<i>For >1,000, Deduct</i>	-2.22	
				<i>For Galvanized Steel, Add</i>	5.27	
				<i>For 304 Stainless Steel, Add</i>	24.23	
				<i>For High Strength Steel (HSS), Add</i>	3.28	
05 12 23 00-0455	LF			4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	17.45	6.27
				<i>For >100 To 250, Deduct</i>	-0.63	
				<i>For >250 To 500, Deduct</i>	-1.06	
				<i>For >500 To 1,000, Deduct</i>	-1.71	
				<i>For >1,000, Deduct</i>	-2.35	
				<i>For Galvanized Steel, Add</i>	5.64	
				<i>For 304 Stainless Steel, Add</i>	25.91	
				<i>For High Strength Steel (HSS), Add</i>	3.49	
05 12 23 00-0456	LF			4" x 4" x 5/16" Thick, Plain Steel Angle Iron	18.42	6.55
				<i>For >100 To 250, Deduct</i>	-0.65	
				<i>For >250 To 500, Deduct</i>	-1.11	
				<i>For >500 To 1,000, Deduct</i>	-1.79	
				<i>For >1,000, Deduct</i>	-2.47	
				<i>For Galvanized Steel, Add</i>	6.01	
				<i>For 304 Stainless Steel, Add</i>	27.65	
				<i>For High Strength Steel (HSS), Add</i>	3.68	
05 12 23 00-0457	LF			5" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.42	6.55
				<i>For >100 To 250, Deduct</i>	-0.65	
				<i>For >250 To 500, Deduct</i>	-1.11	
				<i>For >500 To 1,000, Deduct</i>	-1.79	
				<i>For >1,000, Deduct</i>	-2.47	
				<i>For Galvanized Steel, Add</i>	6.01	
				<i>For 304 Stainless Steel, Add</i>	27.65	
				<i>For High Strength Steel (HSS), Add</i>	3.68	
05 12 23 00-0458	LF			5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.36	6.82
				<i>For >100 To 250, Deduct</i>	-0.68	
				<i>For >250 To 500, Deduct</i>	-1.17	
				<i>For >500 To 1,000, Deduct</i>	-1.88	
				<i>For >1,000, Deduct</i>	-2.59	
				<i>For Galvanized Steel, Add</i>	6.37	
				<i>For 304 Stainless Steel, Add</i>	29.27	
				<i>For High Strength Steel (HSS), Add</i>	3.87	
05 12 23 00-0459	LF			5" x 5" x 5/16" Thick, Plain Steel Angle Iron	21.67	7.10
				<i>For >100 To 250, Deduct</i>	-0.71	
				<i>For >250 To 500, Deduct</i>	-1.25	
				<i>For >500 To 1,000, Deduct</i>	-2.03	
				<i>For >1,000, Deduct</i>	-2.81	
				<i>For Galvanized Steel, Add</i>	7.56	
				<i>For 304 Stainless Steel, Add</i>	34.74	
				<i>For High Strength Steel (HSS), Add</i>	4.33	
05 12 23 00-0460	LF			6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.44	7.40
				<i>For >100 To 250, Deduct</i>	-0.74	
				<i>For >250 To 500, Deduct</i>	-1.28	
				<i>For >500 To 1,000, Deduct</i>	-2.06	
				<i>For >1,000, Deduct</i>	-2.84	
				<i>For Galvanized Steel, Add</i>	7.17	
				<i>For 304 Stainless Steel, Add</i>	32.97	
				<i>For High Strength Steel (HSS), Add</i>	4.29	
05 12 23 00-0461				3/8" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0462	LF			3" x 2" x 3/8" Thick, Plain Steel Angle Iron	13.26	4.72
				<i>For >100 To 250, Deduct</i>	-0.47	
				<i>For >250 To 500, Deduct</i>	-0.80	
				<i>For >500 To 1,000, Deduct</i>	-1.29	
				<i>For >1,000, Deduct</i>	-1.78	
				<i>For Galvanized Steel, Add</i>	4.32	
				<i>For 304 Stainless Steel, Add</i>	19.84	
				<i>For High Strength Steel (HSS), Add</i>	2.65	
05 12 23 00-0463	LF			3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	14.63	5.11
				<i>For >100 To 250, Deduct</i>	-0.51	
				<i>For >250 To 500, Deduct</i>	-0.88	
				<i>For >500 To 1,000, Deduct</i>	-1.41	
				<i>For >1,000, Deduct</i>	-1.95	
				<i>For Galvanized Steel, Add</i>	4.84	
				<i>For 304 Stainless Steel, Add</i>	22.26	
				<i>For High Strength Steel (HSS), Add</i>	2.93	
05 12 23 00-0464	LF			3" x 3" x 3/8" Thick, Plain Steel Angle Iron	15.84	5.50
				<i>For >100 To 250, Deduct</i>	-0.55	
				<i>For >250 To 500, Deduct</i>	-0.95	
				<i>For >500 To 1,000, Deduct</i>	-1.53	
				<i>For >1,000, Deduct</i>	-2.11	
				<i>For Galvanized Steel, Add</i>	5.27	
				<i>For 304 Stainless Steel, Add</i>	24.23	
				<i>For High Strength Steel (HSS), Add</i>	3.17	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0465	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	16.89	5.65
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500 To 1,000, Deduct</i>	-1.60	
		<i>For >1,000, Deduct</i>	-2.21	
		<i>For Galvanized Steel, Add</i>	5.80	
		<i>For 304 Stainless Steel, Add</i>	26.65	
		<i>For High Strength Steel (HSS), Add</i>	3.38	
05 12 23 00-0466	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.99	5.97
		<i>For >100 To 250, Deduct</i>	-0.60	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500 To 1,000, Deduct</i>	-1.70	
		<i>For >1,000, Deduct</i>	-2.34	
		<i>For Galvanized Steel, Add</i>	6.22	
		<i>For 304 Stainless Steel, Add</i>	28.59	
		<i>For High Strength Steel (HSS), Add</i>	3.60	
05 12 23 00-0467	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	17.99	5.97
		<i>For >100 To 250, Deduct</i>	-0.60	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500 To 1,000, Deduct</i>	-1.70	
		<i>For >1,000, Deduct</i>	-2.34	
		<i>For Galvanized Steel, Add</i>	6.22	
		<i>For 304 Stainless Steel, Add</i>	28.59	
		<i>For High Strength Steel (HSS), Add</i>	3.60	
05 12 23 00-0468	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	19.41	6.50
		<i>For >100 To 250, Deduct</i>	-0.65	
		<i>For >250 To 500, Deduct</i>	-1.14	
		<i>For >500 To 1,000, Deduct</i>	-1.84	
		<i>For >1,000, Deduct</i>	-2.54	
		<i>For Galvanized Steel, Add</i>	6.66	
		<i>For 304 Stainless Steel, Add</i>	30.61	
		<i>For High Strength Steel (HSS), Add</i>	3.88	
05 12 23 00-0469	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	20.49	6.69
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.18	
		<i>For >500 To 1,000, Deduct</i>	-1.92	
		<i>For >1,000, Deduct</i>	-2.65	
		<i>For Galvanized Steel, Add</i>	7.17	
		<i>For 304 Stainless Steel, Add</i>	32.97	
		<i>For High Strength Steel (HSS), Add</i>	4.10	
05 12 23 00-0470	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.85	6.96
		<i>For >100 To 250, Deduct</i>	-0.70	
		<i>For >250 To 500, Deduct</i>	-1.22	
		<i>For >500 To 1,000, Deduct</i>	-1.97	
		<i>For >1,000, Deduct</i>	-2.72	
		<i>For Galvanized Steel, Add</i>	7.17	
		<i>For 304 Stainless Steel, Add</i>	32.97	
		<i>For High Strength Steel (HSS), Add</i>	4.17	
05 12 23 00-0471	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	22.28	7.49
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.31	
		<i>For >500 To 1,000, Deduct</i>	-2.11	
		<i>For >1,000, Deduct</i>	-2.92	
		<i>For Galvanized Steel, Add</i>	7.61	
		<i>For 304 Stainless Steel, Add</i>	35.00	
		<i>For High Strength Steel (HSS), Add</i>	4.46	
05 12 23 00-0472	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	26.21	8.73
		<i>For >100 To 250, Deduct</i>	-0.87	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500 To 1,000, Deduct</i>	-2.48	
		<i>For >1,000, Deduct</i>	-3.42	
		<i>For Galvanized Steel, Add</i>	9.03	
		<i>For 304 Stainless Steel, Add</i>	41.50	
		<i>For High Strength Steel (HSS), Add</i>	5.24	
05 12 23 00-0473	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	24.64	8.12
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500 To 1,000, Deduct</i>	-2.32	
		<i>For >1,000, Deduct</i>	-3.20	
		<i>For Galvanized Steel, Add</i>	8.56	
		<i>For 304 Stainless Steel, Add</i>	39.36	
		<i>For High Strength Steel (HSS), Add</i>	4.93	
05 12 23 00-0474	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	26.21	8.73
		<i>For >100 To 250, Deduct</i>	-0.87	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500 To 1,000, Deduct</i>	-2.48	
		<i>For >1,000, Deduct</i>	-3.42	
		<i>For Galvanized Steel, Add</i>	9.03	
		<i>For 304 Stainless Steel, Add</i>	41.50	
		<i>For High Strength Steel (HSS), Add</i>	5.24	
05 12 23 00-0475	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	31.60	10.49
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.84	
		<i>For >500 To 1,000, Deduct</i>	-2.98	
		<i>For >1,000, Deduct</i>	-4.12	
		<i>For Galvanized Steel, Add</i>	10.93	
		<i>For 304 Stainless Steel, Add</i>	50.25	
		<i>For High Strength Steel (HSS), Add</i>	6.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0476	LF		7" x 4" x 3/8" Thick, Plain Steel Angle Iron	28.91	9.61
			<i>For >100 To 250, Deduct</i>	-0.96	
			<i>For >250 To 500, Deduct</i>	-1.68	
			<i>For >500 To 1,000, Deduct</i>	-2.73	
			<i>For >1,000, Deduct</i>	-3.77	
			<i>For Galvanized Steel, Add</i>	9.98	
			<i>For 304 Stainless Steel, Add</i>	45.86	
			<i>For High Strength Steel (HSS), Add</i>	5.78	
05 12 23 00-0477			1/2" Thick (05 12 23 00-0409)		
05 12 23 00-0478	LF		3" x 3" x 1/2" Thick, Plain Steel Angle Iron	18.62	5.62
			<i>For >100 To 250, Deduct</i>	-0.56	
			<i>For >250 To 500, Deduct</i>	-1.03	
			<i>For >500 To 1,000, Deduct</i>	-1.68	
			<i>For >1,000, Deduct</i>	-2.33	
			<i>For Galvanized Steel, Add</i>	6.89	
			<i>For 304 Stainless Steel, Add</i>	31.69	
			<i>For High Strength Steel (HSS), Add</i>	3.72	
05 12 23 00-0479	LF		4" x 3" x 1/2" Thick, Plain Steel Angle Iron	21.99	6.64
			<i>For >100 To 250, Deduct</i>	-0.66	
			<i>For >250 To 500, Deduct</i>	-1.21	
			<i>For >500 To 1,000, Deduct</i>	-1.99	
			<i>For >1,000, Deduct</i>	-2.76	
			<i>For Galvanized Steel, Add</i>	8.14	
			<i>For 304 Stainless Steel, Add</i>	37.42	
			<i>For High Strength Steel (HSS), Add</i>	4.40	
05 12 23 00-0480	LF		4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	23.58	7.12
			<i>For >100 To 250, Deduct</i>	-0.71	
			<i>For >250 To 500, Deduct</i>	-1.30	
			<i>For >500 To 1,000, Deduct</i>	-2.13	
			<i>For >1,000, Deduct</i>	-2.96	
			<i>For Galvanized Steel, Add</i>	8.73	
			<i>For 304 Stainless Steel, Add</i>	40.13	
			<i>For High Strength Steel (HSS), Add</i>	4.72	
05 12 23 00-0481	LF		4" x 4" x 1/2" Thick, Plain Steel Angle Iron	25.36	7.67
			<i>For >100 To 250, Deduct</i>	-0.77	
			<i>For >250 To 500, Deduct</i>	-1.40	
			<i>For >500 To 1,000, Deduct</i>	-2.29	
			<i>For >1,000, Deduct</i>	-3.18	
			<i>For Galvanized Steel, Add</i>	9.39	
			<i>For 304 Stainless Steel, Add</i>	43.18	
			<i>For High Strength Steel (HSS), Add</i>	5.07	
05 12 23 00-0482	LF		5" x 3" x 1/2" Thick, Plain Steel Angle Iron	25.36	7.67
			<i>For >100 To 250, Deduct</i>	-0.77	
			<i>For >250 To 500, Deduct</i>	-1.40	
			<i>For >500 To 1,000, Deduct</i>	-2.29	
			<i>For >1,000, Deduct</i>	-3.18	
			<i>For Galvanized Steel, Add</i>	9.39	
			<i>For 304 Stainless Steel, Add</i>	43.18	
			<i>For High Strength Steel (HSS), Add</i>	5.07	
05 12 23 00-0483	LF		5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	26.94	8.14
			<i>For >100 To 250, Deduct</i>	-0.81	
			<i>For >250 To 500, Deduct</i>	-1.49	
			<i>For >500 To 1,000, Deduct</i>	-2.43	
			<i>For >1,000, Deduct</i>	-3.38	
			<i>For Galvanized Steel, Add</i>	9.98	
			<i>For 304 Stainless Steel, Add</i>	45.86	
			<i>For High Strength Steel (HSS), Add</i>	5.39	
05 12 23 00-0484	LF		5" x 5" x 1/2" Thick, Plain Steel Angle Iron	32.10	9.70
			<i>For >100 To 250, Deduct</i>	-0.97	
			<i>For >250 To 500, Deduct</i>	-1.77	
			<i>For >500 To 1,000, Deduct</i>	-2.90	
			<i>For >1,000, Deduct</i>	-4.02	
			<i>For Galvanized Steel, Add</i>	11.89	
			<i>For 304 Stainless Steel, Add</i>	54.63	
			<i>For High Strength Steel (HSS), Add</i>	6.42	
05 12 23 00-0485	LF		6" x 4" x 1/2" Thick, Plain Steel Angle Iron	32.10	9.70
			<i>For >100 To 250, Deduct</i>	-0.97	
			<i>For >250 To 500, Deduct</i>	-1.77	
			<i>For >500 To 1,000, Deduct</i>	-2.90	
			<i>For >1,000, Deduct</i>	-4.02	
			<i>For Galvanized Steel, Add</i>	11.89	
			<i>For 304 Stainless Steel, Add</i>	54.63	
			<i>For High Strength Steel (HSS), Add</i>	6.42	
05 12 23 00-0486	LF		6" x 6" x 1/2" Thick, Plain Steel Angle Iron	38.83	11.73
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-2.14	
			<i>For >500 To 1,000, Deduct</i>	-3.51	
			<i>For >1,000, Deduct</i>	-4.87	
			<i>For Galvanized Steel, Add</i>	14.38	
			<i>For 304 Stainless Steel, Add</i>	66.09	
			<i>For High Strength Steel (HSS), Add</i>	7.77	
05 12 23 00-0487	LF		7" x 4" x 1/2" Thick, Plain Steel Angle Iron	35.46	10.71
			<i>For >100 To 250, Deduct</i>	-1.07	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.20	
			<i>For >1,000, Deduct</i>	-4.45	
			<i>For Galvanized Steel, Add</i>	13.13	
			<i>For 304 Stainless Steel, Add</i>	60.33	
			<i>For High Strength Steel (HSS), Add</i>	7.09	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0488	LF 8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	38.83	11.73
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-2.14	
	For >500 To 1,000, Deduct	-3.51	
	For >1,000, Deduct	-4.87	
	For Galvanized Steel, Add	14.38	
	For 304 Stainless Steel, Add	66.09	
	For High Strength Steel (HSS), Add	7.77	
05 12 23 00-0489	LF 8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	45.58	13.77
	For >100 To 250, Deduct	-1.38	
	For >250 To 500, Deduct	-2.52	
	For >500 To 1,000, Deduct	-4.12	
	For >1,000, Deduct	-5.71	
	For Galvanized Steel, Add	16.88	
	For 304 Stainless Steel, Add	77.58	
	For High Strength Steel (HSS), Add	9.12	
05 12 23 00-0490	LF 8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	52.30	15.80
	For >100 To 250, Deduct	-1.58	
	For >250 To 500, Deduct	-2.89	
	For >500 To 1,000, Deduct	-4.72	
	For >1,000, Deduct	-6.56	
	For Galvanized Steel, Add	19.36	
	For 304 Stainless Steel, Add	89.01	
	For High Strength Steel (HSS), Add	10.46	
05 12 23 00-0491	5/8" Thick (05 12 23 00-0409)		
05 12 23 00-0492	LF 4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	30.29	8.78
	For >100 To 250, Deduct	-0.88	
	For >250 To 500, Deduct	-1.64	
	For >500 To 1,000, Deduct	-2.69	
	For >1,000, Deduct	-3.74	
	For Galvanized Steel, Add	11.52	
	For High Strength Steel (HSS), Add	6.06	
05 12 23 00-0493	LF 5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron.....	32.40	9.40
	For >100 To 250, Deduct	-0.94	
	For >250 To 500, Deduct	-1.75	
	For >500 To 1,000, Deduct	-2.87	
	For >1,000, Deduct	-4.00	
	For Galvanized Steel, Add	12.33	
	For High Strength Steel (HSS), Add	6.48	
05 12 23 00-0494	LF 5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....	38.58	11.19
	For >100 To 250, Deduct	-1.12	
	For >250 To 500, Deduct	-2.08	
	For >500 To 1,000, Deduct	-3.42	
	For >1,000, Deduct	-4.76	
	For Galvanized Steel, Add	14.67	
	For High Strength Steel (HSS), Add	7.72	
05 12 23 00-0495	LF 6" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	38.58	11.19
	For >100 To 250, Deduct	-1.12	
	For >250 To 500, Deduct	-2.08	
	For >500 To 1,000, Deduct	-3.42	
	For >1,000, Deduct	-4.76	
	For Galvanized Steel, Add	14.67	
	For High Strength Steel (HSS), Add	7.72	
05 12 23 00-0496	LF 6" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	46.69	13.54
	For >100 To 250, Deduct	-1.35	
	For >250 To 500, Deduct	-2.52	
	For >500 To 1,000, Deduct	-4.14	
	For >1,000, Deduct	-5.76	
	For Galvanized Steel, Add	17.76	
	For High Strength Steel (HSS), Add	9.34	
05 12 23 00-0497	LF 7" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	42.63	12.36
	For >100 To 250, Deduct	-1.24	
	For >250 To 500, Deduct	-2.30	
	For >500 To 1,000, Deduct	-3.78	
	For >1,000, Deduct	-5.26	
	For Galvanized Steel, Add	16.21	
	For High Strength Steel (HSS), Add	8.53	
05 12 23 00-0498	LF 8" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	54.98	15.95
	For >100 To 250, Deduct	-1.59	
	For >250 To 500, Deduct	-2.97	
	For >500 To 1,000, Deduct	-4.88	
	For >1,000, Deduct	-6.78	
	For Galvanized Steel, Add	20.91	
	For High Strength Steel (HSS), Add	11.00	
05 12 23 00-0499	LF 8" x 8" x 5/8" Thick, Plain Steel Angle Iron.....	63.09	18.29
	For >100 To 250, Deduct	-1.83	
	For >250 To 500, Deduct	-3.41	
	For >500 To 1,000, Deduct	-5.59	
	For >1,000, Deduct	-7.78	
	For Galvanized Steel, Add	23.99	
	For High Strength Steel (HSS), Add	12.62	
05 12 23 00-0500	3/4" Thick (05 12 23 00-0409)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0501		LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	34.84	9.71
			For >100 To 250, Deduct	-0.97	
			For >250 To 500, Deduct	-1.84	
			For >500 To 1,000, Deduct	-3.04	
			For >1,000, Deduct	-4.23	
			For Galvanized Steel, Add	13.58	
			For High Strength Steel (HSS), Add	6.97	
05 12 23 00-0502		LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	37.27	10.38
			For >100 To 250, Deduct	-1.04	
			For >250 To 500, Deduct	-1.97	
			For >500 To 1,000, Deduct	-3.25	
			For >1,000, Deduct	-4.53	
			For Galvanized Steel, Add	14.53	
			For High Strength Steel (HSS), Add	7.45	
05 12 23 00-0503		LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	44.43	12.38
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-2.35	
			For >500 To 1,000, Deduct	-3.87	
			For >1,000, Deduct	-5.39	
			For Galvanized Steel, Add	17.32	
			For High Strength Steel (HSS), Add	8.89	
05 12 23 00-0504		LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	44.43	12.38
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-2.35	
			For >500 To 1,000, Deduct	-3.87	
			For >1,000, Deduct	-5.39	
			For Galvanized Steel, Add	17.32	
			For High Strength Steel (HSS), Add	8.89	
05 12 23 00-0505		LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	54.03	15.05
			For >100 To 250, Deduct	-1.51	
			For >250 To 500, Deduct	-2.86	
			For >500 To 1,000, Deduct	-4.71	
			For >1,000, Deduct	-6.56	
			For Galvanized Steel, Add	21.06	
			For High Strength Steel (HSS), Add	10.81	
05 12 23 00-0506		LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	49.32	13.74
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-2.61	
			For >500 To 1,000, Deduct	-4.30	
			For >1,000, Deduct	-5.99	
			For Galvanized Steel, Add	19.22	
			For High Strength Steel (HSS), Add	9.86	
05 12 23 00-0507		LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	54.03	15.05
			For >100 To 250, Deduct	-1.51	
			For >250 To 500, Deduct	-2.86	
			For >500 To 1,000, Deduct	-4.71	
			For >1,000, Deduct	-6.56	
			For Galvanized Steel, Add	21.06	
			For High Strength Steel (HSS), Add	10.81	
05 12 23 00-0508		LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	63.63	17.73
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-3.36	
			For >500 To 1,000, Deduct	-5.54	
			For >1,000, Deduct	-7.73	
			For Galvanized Steel, Add	24.80	
			For High Strength Steel (HSS), Add	12.73	
05 12 23 00-0509		LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	73.23	20.40
			For >100 To 250, Deduct	-2.04	
			For >250 To 500, Deduct	-3.87	
			For >500 To 1,000, Deduct	-6.38	
			For >1,000, Deduct	-8.89	
			For Galvanized Steel, Add	28.54	
			For High Strength Steel (HSS), Add	14.65	
05 12 23 00-0510			7/8" Thick <small>(05 12 23 00-0409)</small>		
05 12 23 00-0511		LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	49.93	13.31
			For >100 To 250, Deduct	-1.33	
			For >250 To 500, Deduct	-2.58	
			For >500 To 1,000, Deduct	-4.27	
			For >1,000, Deduct	-5.96	
			For Galvanized Steel, Add	19.95	
			For High Strength Steel (HSS), Add	9.99	
05 12 23 00-0512		LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	49.93	13.31
			For >100 To 250, Deduct	-1.33	
			For >250 To 500, Deduct	-2.58	
			For >500 To 1,000, Deduct	-4.27	
			For >1,000, Deduct	-5.96	
			For Galvanized Steel, Add	19.95	
			For High Strength Steel (HSS), Add	9.99	
05 12 23 00-0513		LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	60.77	16.21
			For >100 To 250, Deduct	-1.62	
			For >250 To 500, Deduct	-3.14	
			For >500 To 1,000, Deduct	-5.20	
			For >1,000, Deduct	-7.26	
			For Galvanized Steel, Add	24.29	
			For High Strength Steel (HSS), Add	12.15	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0514	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	71.78	19.13
		For >100 To 250, Deduct	-1.91	
		For >250 To 500, Deduct	-3.71	
		For >500 To 1,000, Deduct	-6.14	
		For >1,000, Deduct	-8.57	
		For Galvanized Steel, Add	28.69	
		For High Strength Steel (HSS), Add	14.36	
05 12 23 00-0515	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron.....	82.61	22.03
		For >100 To 250, Deduct	-2.20	
		For >250 To 500, Deduct	-4.27	
		For >500 To 1,000, Deduct	-7.07	
		For >1,000, Deduct	-9.87	
		For Galvanized Steel, Add	33.01	
		For High Strength Steel (HSS), Add	16.52	
05 12 23 00-0516		Bar Channel (05 12 23 00-0408)		
05 12 23 00-0517	LF	1" x 1/2" x 1/8" Thick Bar Channel.....	4.23	
		For 316 Stainless Steel, Add	4.13	
		For Aluminum, Add	0.23	
		For Galvanized Steel, Add	0.80	
		For 304 Stainless Steel, Add	3.68	
		For High Strength Steel (HSS), Add	0.85	
05 12 23 00-0518	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel.....	4.74	
		For 316 Stainless Steel, Add	4.93	
		For Aluminum, Add	0.28	
		For Galvanized Steel, Add	0.95	
		For 304 Stainless Steel, Add	4.39	
		For High Strength Steel (HSS), Add	0.95	
05 12 23 00-0519	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel.....	5.17	
		For 316 Stainless Steel, Add	5.47	
		For Aluminum, Add	0.31	
		For Galvanized Steel, Add	1.06	
		For 304 Stainless Steel, Add	4.87	
		For High Strength Steel (HSS), Add	1.03	
05 12 23 00-0520	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel.....	5.91	
		For 316 Stainless Steel, Add	5.70	
		For Aluminum, Add	0.32	
		For Galvanized Steel, Add	1.10	
		For 304 Stainless Steel, Add	5.07	
		For High Strength Steel (HSS), Add	1.18	
05 12 23 00-0521	LF	2" x 1/2" x 1/8" Thick Bar Channel.....	6.31	
		For 316 Stainless Steel, Add	6.98	
		For Aluminum, Add	0.39	
		For Galvanized Steel, Add	1.35	
		For 304 Stainless Steel, Add	6.21	
05 12 23 00-0522	LF	2" x 1" x 1/8" Thick Bar Channel.....	8.35	
		For 316 Stainless Steel, Add	7.78	
		For Aluminum, Add	0.44	
		For Galvanized Steel, Add	1.51	
		For 304 Stainless Steel, Add	6.93	
05 12 23 00-0523		Channels - C (05 12 23 00-0408)		
05 12 23 00-0524	LF	C2 x 1.78 - 2" Wide Channel.....	6.93	3.65
		For >100 To 250, Deduct	-0.36	
		For >250 To 500, Deduct	-0.54	
		For >500 To 1,000, Deduct	-0.83	
		For >1,000, Deduct	-1.13	
		For 316 Stainless Steel, Add	6.62	
		For Aluminum, Add	0.37	
		For Galvanized Steel, Add	1.28	
		For 304 Stainless Steel, Add	5.90	
05 12 23 00-0525	LF	C3 x 4.1 - 3" Wide Channel.....	11.84	5.24
		For >100 To 250, Deduct	-0.52	
		For >250 To 500, Deduct	-0.82	
		For >500 To 1,000, Deduct	-1.29	
		For >1,000, Deduct	-1.76	
		For 316 Stainless Steel, Add	15.52	
		For Aluminum, Add	0.87	
		For Galvanized Steel, Add	3.01	
		For 304 Stainless Steel, Add	13.82	
05 12 23 00-0526	LF	C3 x 5 - 3" Wide Channel.....	14.45	6.40
		For >100 To 250, Deduct	-0.64	
		For >250 To 500, Deduct	-1.00	
		For >500 To 1,000, Deduct	-1.58	
		For >1,000, Deduct	-2.15	
		For 316 Stainless Steel, Add	18.94	
		For Aluminum, Add	1.07	
		For Galvanized Steel, Add	3.67	
		For 304 Stainless Steel, Add	16.87	
05 12 23 00-0527	LF	C3 x 6 - 3" Wide Channel.....	17.33	7.68
		For >100 To 250, Deduct	-0.77	
		For >250 To 500, Deduct	-1.20	
		For >500 To 1,000, Deduct	-1.89	
		For >1,000, Deduct	-2.58	
		For 316 Stainless Steel, Add	22.72	
		For Aluminum, Add	1.28	
		For Galvanized Steel, Add	4.40	
		For 304 Stainless Steel, Add	20.24	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0528	LF	C4 x 5.4 - 4" Wide Channel	14.78	6.30
		For >100 To 250, Deduct	-0.63	
		For >250 To 500, Deduct	-1.00	
		For >500 To 1,000, Deduct	-1.58	
		For >1,000, Deduct	-2.16	
		For 316 Stainless Steel, Add	20.45	
		For Aluminum, Add	1.15	
		For Galvanized Steel, Add	3.96	
		For 304 Stainless Steel, Add	18.21	
05 12 23 00-0529	LF	C4 x 7.25 - 4" Wide Channel	19.84	8.45
		For >100 To 250, Deduct	-0.84	
		For >250 To 500, Deduct	-1.34	
		For >500 To 1,000, Deduct	-2.12	
		For >1,000, Deduct	-2.90	
		For 316 Stainless Steel, Add	27.46	
		For Aluminum, Add	1.54	
		For Galvanized Steel, Add	5.32	
		For 304 Stainless Steel, Add	24.45	
05 12 23 00-0530	LF	C5 x 6.7 - 5" Wide Channel	17.72	7.33
		For >100 To 250, Deduct	-0.73	
		For >250 To 500, Deduct	-1.18	
		For >500 To 1,000, Deduct	-1.87	
		For >1,000, Deduct	-2.55	
		For 316 Stainless Steel, Add	25.38	
		For Aluminum, Add	1.43	
		For Galvanized Steel, Add	4.92	
		For 304 Stainless Steel, Add	22.60	
05 12 23 00-0531	LF	C5 x 9 - 5" Wide Channel	23.80	9.86
		For >100 To 250, Deduct	-0.99	
		For >250 To 500, Deduct	-1.58	
		For >500 To 1,000, Deduct	-2.51	
		For >1,000, Deduct	-3.43	
		For 316 Stainless Steel, Add	34.08	
		For Aluminum, Add	1.92	
		For Galvanized Steel, Add	6.60	
		For 304 Stainless Steel, Add	30.35	
05 12 23 00-0532	LF	C6 x 8.2 - 6" Wide Channel	21.45	8.81
		For >100 To 250, Deduct	-0.88	
		For >250 To 500, Deduct	-1.42	
		For >500 To 1,000, Deduct	-2.25	
		For >1,000, Deduct	-3.08	
		For 316 Stainless Steel, Add	31.04	
		For Aluminum, Add	1.75	
		For Galvanized Steel, Add	6.01	
		For 304 Stainless Steel, Add	27.65	
05 12 23 00-0533	LF	C6 x 10.5 - 6" Wide Channel	27.46	11.28
		For >100 To 250, Deduct	-1.13	
		For >250 To 500, Deduct	-1.81	
		For >500 To 1,000, Deduct	-2.88	
		For >1,000, Deduct	-3.94	
		For 316 Stainless Steel, Add	39.74	
		For Aluminum, Add	2.24	
		For Galvanized Steel, Add	7.70	
		For 304 Stainless Steel, Add	35.40	
05 12 23 00-0534	LF	C6 x 13 - 6" Wide Channel	34.01	13.96
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-2.25	
		For >500 To 1,000, Deduct	-3.56	
		For >1,000, Deduct	-4.88	
		For 316 Stainless Steel, Add	49.22	
		For Aluminum, Add	2.77	
		For Galvanized Steel, Add	9.54	
		For 304 Stainless Steel, Add	43.83	
05 12 23 00-0535	LF	C7 x 9.8 - 7" Wide Channel	25.57	10.49
		For >100 To 250, Deduct	-1.05	
		For >250 To 500, Deduct	-1.69	
		For >500 To 1,000, Deduct	-2.68	
		For >1,000, Deduct	-3.67	
		For 316 Stainless Steel, Add	37.09	
		For Aluminum, Add	2.09	
		For Galvanized Steel, Add	7.19	
		For 304 Stainless Steel, Add	33.03	
05 12 23 00-0536	LF	C7 x 12.25 - 7" Wide Channel	31.97	13.11
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-2.11	
		For >500 To 1,000, Deduct	-3.35	
		For >1,000, Deduct	-4.58	
		For 316 Stainless Steel, Add	46.37	
		For Aluminum, Add	2.61	
		For Galvanized Steel, Add	8.98	
		For 304 Stainless Steel, Add	41.30	
05 12 23 00-0537	LF	C7 x 14.75 - 7" Wide Channel	38.50	15.78
		For >100 To 250, Deduct	-1.58	
		For >250 To 500, Deduct	-2.54	
		For >500 To 1,000, Deduct	-4.03	
		For >1,000, Deduct	-5.52	
		For 316 Stainless Steel, Add	55.84	
		For Aluminum, Add	3.14	
		For Galvanized Steel, Add	10.82	
		For 304 Stainless Steel, Add	49.73	

05 Metals
05 10 Structural Metal Framing
05 12 Structural Steel Framing



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0538	LF C8 x 11.5 - 8" Wide Channel.....	28.99	11.54
	<i>For >100 To 250, Deduct</i>	-1.15	
	<i>For >250 To 500, Deduct</i>	-1.88	
	<i>For >500 To 1,000, Deduct</i>	-2.99	
	<i>For >1,000, Deduct</i>	-4.10	
	<i>For 316 Stainless Steel, Add</i>	43.55	
	<i>For Aluminum, Add</i>	2.45	
	<i>For Galvanized Steel, Add</i>	8.44	
	<i>For 304 Stainless Steel, Add</i>	38.79	
05 12 23 00-0539	LF C8 x 13.75 - 8" Wide Channel.....	34.66	13.79
	<i>For >100 To 250, Deduct</i>	-1.38	
	<i>For >250 To 500, Deduct</i>	-2.25	
	<i>For >500 To 1,000, Deduct</i>	-3.57	
	<i>For >1,000, Deduct</i>	-4.90	
	<i>For 316 Stainless Steel, Add</i>	52.06	
	<i>For Aluminum, Add</i>	2.93	
	<i>For Galvanized Steel, Add</i>	10.09	
	<i>For 304 Stainless Steel, Add</i>	46.37	
05 12 23 00-0540	LF C8 x 18.75 - 8" Wide Channel.....	47.26	18.81
	<i>For >100 To 250, Deduct</i>	-1.88	
	<i>For >250 To 500, Deduct</i>	-3.06	
	<i>For >500 To 1,000, Deduct</i>	-4.87	
	<i>For >1,000, Deduct</i>	-6.68	
	<i>For 316 Stainless Steel, Add</i>	70.98	
	<i>For Aluminum, Add</i>	3.99	
	<i>For Galvanized Steel, Add</i>	13.75	
	<i>For 304 Stainless Steel, Add</i>	63.21	
05 12 23 00-0541	LF C9 x 13.4 - 9" Wide Channel.....	33.78	13.44
	<i>For >100 To 250, Deduct</i>	-1.34	
	<i>For >250 To 500, Deduct</i>	-2.19	
	<i>For >500 To 1,000, Deduct</i>	-3.48	
	<i>For >1,000, Deduct</i>	-4.77	
	<i>For 316 Stainless Steel, Add</i>	50.72	
	<i>For Aluminum, Add</i>	2.85	
	<i>For Galvanized Steel, Add</i>	9.83	
	<i>For 304 Stainless Steel, Add</i>	45.17	
05 12 23 00-0542	LF C9 x 15 - 9" Wide Channel.....	37.81	15.05
	<i>For >100 To 250, Deduct</i>	-1.50	
	<i>For >250 To 500, Deduct</i>	-2.45	
	<i>For >500 To 1,000, Deduct</i>	-3.90	
	<i>For >1,000, Deduct</i>	-5.34	
	<i>For 316 Stainless Steel, Add</i>	56.80	
	<i>For Aluminum, Add</i>	3.20	
	<i>For Galvanized Steel, Add</i>	11.01	
	<i>For 304 Stainless Steel, Add</i>	50.59	
05 12 23 00-0543	LF C9 x 20 - 9" Wide Channel.....	50.42	20.06
	<i>For >100 To 250, Deduct</i>	-2.01	
	<i>For >250 To 500, Deduct</i>	-3.27	
	<i>For >500 To 1,000, Deduct</i>	-5.20	
	<i>For >1,000, Deduct</i>	-7.13	
	<i>For 316 Stainless Steel, Add</i>	75.71	
	<i>For Aluminum, Add</i>	4.26	
	<i>For Galvanized Steel, Add</i>	14.67	
	<i>For 304 Stainless Steel, Add</i>	67.43	
05 12 23 00-0544	LF C10 x 15.3 - 10" Wide Channel.....	38.56	15.34
	<i>For >100 To 250, Deduct</i>	-1.53	
	<i>For >250 To 500, Deduct</i>	-2.50	
	<i>For >500 To 1,000, Deduct</i>	-3.97	
	<i>For >1,000, Deduct</i>	-5.45	
	<i>For 316 Stainless Steel, Add</i>	57.92	
	<i>For Aluminum, Add</i>	3.26	
	<i>For Galvanized Steel, Add</i>	11.22	
	<i>For 304 Stainless Steel, Add</i>	51.59	
05 12 23 00-0545	LF C10 x 20 - 10" Wide Channel.....	50.42	20.06
	<i>For >100 To 250, Deduct</i>	-2.01	
	<i>For >250 To 500, Deduct</i>	-3.27	
	<i>For >500 To 1,000, Deduct</i>	-5.20	
	<i>For >1,000, Deduct</i>	-7.13	
	<i>For 316 Stainless Steel, Add</i>	75.71	
	<i>For Aluminum, Add</i>	4.26	
	<i>For Galvanized Steel, Add</i>	14.67	
	<i>For 304 Stainless Steel, Add</i>	67.43	
05 12 23 00-0546	LF C10 x 25 - 10" Wide Channel.....	63.02	25.08
	<i>For >100 To 250, Deduct</i>	-2.51	
	<i>For >250 To 500, Deduct</i>	-4.08	
	<i>For >500 To 1,000, Deduct</i>	-6.50	
	<i>For >1,000, Deduct</i>	-8.91	
	<i>For 316 Stainless Steel, Add</i>	94.66	
	<i>For Aluminum, Add</i>	5.32	
	<i>For Galvanized Steel, Add</i>	18.34	
	<i>For 304 Stainless Steel, Add</i>	84.30	
05 12 23 00-0547	LF C10 x 30 - 10" Wide Channel.....	75.61	30.09
	<i>For >100 To 250, Deduct</i>	-3.01	
	<i>For >250 To 500, Deduct</i>	-4.90	
	<i>For >500 To 1,000, Deduct</i>	-7.79	
	<i>For >1,000, Deduct</i>	-10.69	
	<i>For 316 Stainless Steel, Add</i>	113.57	
	<i>For Aluminum, Add</i>	6.39	
	<i>For Galvanized Steel, Add</i>	22.00	
	<i>For 304 Stainless Steel, Add</i>	101.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0548	LF		C12 x 20.7 - 12" Wide Channel	52.18	20.77
			<i>For >100 To 250, Deduct</i>	-2.08	
			<i>For >250 To 500, Deduct</i>	-3.38	
			<i>For >500 To 1,000, Deduct</i>	-5.38	
			<i>For >1,000, Deduct</i>	-7.37	
			<i>For 316 Stainless Steel, Add</i>	78.37	
			<i>For Aluminum, Add</i>	4.41	
			<i>For Galvanized Steel, Add</i>	15.18	
			<i>For 304 Stainless Steel, Add</i>	69.80	
05 12 23 00-0549	LF		C12 x 25 - 12" Wide Channel	63.02	25.08
			<i>For >100 To 250, Deduct</i>	-2.51	
			<i>For >250 To 500, Deduct</i>	-4.08	
			<i>For >500 To 1,000, Deduct</i>	-6.50	
			<i>For >1,000, Deduct</i>	-8.91	
			<i>For 316 Stainless Steel, Add</i>	94.66	
			<i>For Aluminum, Add</i>	5.32	
			<i>For Galvanized Steel, Add</i>	18.34	
			<i>For 304 Stainless Steel, Add</i>	84.30	
05 12 23 00-0550	LF		C12 x 30 - 12" Wide Channel	75.61	30.09
			<i>For >100 To 250, Deduct</i>	-3.01	
			<i>For >250 To 500, Deduct</i>	-4.90	
			<i>For >500 To 1,000, Deduct</i>	-7.79	
			<i>For >1,000, Deduct</i>	-10.69	
			<i>For 316 Stainless Steel, Add</i>	113.57	
			<i>For Aluminum, Add</i>	6.39	
			<i>For Galvanized Steel, Add</i>	22.00	
			<i>For 304 Stainless Steel, Add</i>	101.15	
05 12 23 00-0551	LF		C15 x 33.9 - 15" Wide Channel	85.45	34.01
			<i>For >100 To 250, Deduct</i>	-3.40	
			<i>For >250 To 500, Deduct</i>	-5.54	
			<i>For >500 To 1,000, Deduct</i>	-8.81	
			<i>For >1,000, Deduct</i>	-12.08	
			<i>For 316 Stainless Steel, Add</i>	128.35	
			<i>For Aluminum, Add</i>	7.22	
			<i>For Galvanized Steel, Add</i>	24.87	
			<i>For 304 Stainless Steel, Add</i>	114.31	
05 12 23 00-0552	LF		C15 x 40 - 15" Wide Channel	100.82	40.12
			<i>For >100 To 250, Deduct</i>	-4.01	
			<i>For >250 To 500, Deduct</i>	-6.53	
			<i>For >500 To 1,000, Deduct</i>	-10.39	
			<i>For >1,000, Deduct</i>	-14.25	
			<i>For 316 Stainless Steel, Add</i>	151.42	
			<i>For Aluminum, Add</i>	8.52	
			<i>For Galvanized Steel, Add</i>	29.34	
			<i>For 304 Stainless Steel, Add</i>	134.86	
05 12 23 00-0553	LF		C15 x 50 - 15" Wide Channel	126.03	50.16
			<i>For >100 To 250, Deduct</i>	-5.02	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500 To 1,000, Deduct</i>	-12.99	
			<i>For >1,000, Deduct</i>	-17.81	
			<i>For 316 Stainless Steel, Add</i>	189.28	
			<i>For Aluminum, Add</i>	10.65	
			<i>For Galvanized Steel, Add</i>	36.67	
			<i>For 304 Stainless Steel, Add</i>	168.58	
05 12 23 00-0554			Miscellaneous Channels - MC <small>(05 12 23 00-0408)</small>		
05 12 23 00-0555	LF		MC6 x 12 - 6" Wide Channel	31.39	12.90
			<i>For >100 To 250, Deduct</i>	-1.29	
			<i>For >250 To 500, Deduct</i>	-2.07	
			<i>For >500 To 1,000, Deduct</i>	-3.29	
			<i>For >1,000, Deduct</i>	-4.50	
			<i>For 316 Stainless Steel, Add</i>	45.44	
			<i>For Aluminum, Add</i>	2.56	
			<i>For Galvanized Steel, Add</i>	8.80	
			<i>For 304 Stainless Steel, Add</i>	40.47	
05 12 23 00-0556	LF		MC6 x 15.1 - 6" Wide Channel	39.49	16.22
			<i>For >100 To 250, Deduct</i>	-1.62	
			<i>For >250 To 500, Deduct</i>	-2.61	
			<i>For >500 To 1,000, Deduct</i>	-4.14	
			<i>For >1,000, Deduct</i>	-5.67	
			<i>For 316 Stainless Steel, Add</i>	57.15	
			<i>For Aluminum, Add</i>	3.21	
			<i>For Galvanized Steel, Add</i>	11.07	
			<i>For 304 Stainless Steel, Add</i>	50.90	
05 12 23 00-0557	LF		MC6 x 15.3 - 6" Wide Channel	40.02	16.44
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.64	
			<i>For >500 To 1,000, Deduct</i>	-4.19	
			<i>For >1,000, Deduct</i>	-5.74	
			<i>For 316 Stainless Steel, Add</i>	57.92	
			<i>For Aluminum, Add</i>	3.26	
			<i>For Galvanized Steel, Add</i>	11.22	
			<i>For 304 Stainless Steel, Add</i>	51.59	

05	Metals
05 10	Structural Metal Framing
05 12	Structural Steel Framing

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0558	LF	MC6 x 16.3 - 6" Wide Channel.....	42.63	17.50
		For >100 To 250, Deduct	-1.75	
		For >250 To 500, Deduct	-2.82	
		For >500 To 1,000, Deduct	-4.47	
		For >1,000, Deduct	-6.12	
		For 316 Stainless Steel, Add	61.70	
		For Aluminum, Add	3.47	
		For Galvanized Steel, Add	11.95	
		For 304 Stainless Steel, Add	54.95	
05 12 23 00-0559	LF	MC6 x 18 - 6" Wide Channel.....	47.08	19.34
		For >100 To 250, Deduct	-1.93	
		For >250 To 500, Deduct	-3.11	
		For >500 To 1,000, Deduct	-4.93	
		For >1,000, Deduct	-6.75	
		For 316 Stainless Steel, Add	68.16	
		For Aluminum, Add	3.83	
		For Galvanized Steel, Add	13.21	
		For 304 Stainless Steel, Add	60.71	
05 12 23 00-0560	LF	MC7 x 17.6 - 7" Wide Channel.....	45.93	18.84
		For >100 To 250, Deduct	-1.88	
		For >250 To 500, Deduct	-3.03	
		For >500 To 1,000, Deduct	-4.81	
		For >1,000, Deduct	-6.58	
		For 316 Stainless Steel, Add	66.62	
		For Aluminum, Add	3.75	
		For Galvanized Steel, Add	12.91	
		For 304 Stainless Steel, Add	59.34	
05 12 23 00-0561	LF	MC7 x 19.1 - 7" Wide Channel.....	49.86	20.44
		For >100 To 250, Deduct	-2.04	
		For >250 To 500, Deduct	-3.29	
		For >500 To 1,000, Deduct	-5.22	
		For >1,000, Deduct	-7.15	
		For 316 Stainless Steel, Add	72.32	
		For Aluminum, Add	4.07	
		For Galvanized Steel, Add	14.01	
		For 304 Stainless Steel, Add	64.41	
05 12 23 00-0562	LF	MC7 x 22.7 - 7" Wide Channel.....	59.25	24.29
		For >100 To 250, Deduct	-2.43	
		For >250 To 500, Deduct	-3.91	
		For >500 To 1,000, Deduct	-6.20	
		For >1,000, Deduct	-8.49	
		For 316 Stainless Steel, Add	85.95	
		For Aluminum, Add	4.83	
		For Galvanized Steel, Add	16.65	
		For 304 Stainless Steel, Add	76.55	
05 12 23 00-0563	LF	MC8 x 8.5 - 8" Wide Channel.....	21.44	8.53
		For >100 To 250, Deduct	-0.85	
		For >250 To 500, Deduct	-1.39	
		For >500 To 1,000, Deduct	-2.21	
		For >1,000, Deduct	-3.03	
		For 316 Stainless Steel, Add	32.19	
		For Aluminum, Add	1.81	
		For Galvanized Steel, Add	6.24	
		For 304 Stainless Steel, Add	28.67	
05 12 23 00-0564	LF	MC8 x 18.7 - 8" Wide Channel.....	47.13	18.75
		For >100 To 250, Deduct	-1.88	
		For >250 To 500, Deduct	-3.05	
		For >500 To 1,000, Deduct	-4.86	
		For >1,000, Deduct	-6.66	
		For 316 Stainless Steel, Add	70.78	
		For Aluminum, Add	3.98	
		For Galvanized Steel, Add	13.71	
		For 304 Stainless Steel, Add	63.04	
05 12 23 00-0565	LF	MC8 x 20 - 8" Wide Channel.....	50.42	20.06
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-3.27	
		For >500 To 1,000, Deduct	-5.20	
		For >1,000, Deduct	-7.13	
		For 316 Stainless Steel, Add	75.71	
		For Aluminum, Add	4.26	
		For Galvanized Steel, Add	14.67	
		For 304 Stainless Steel, Add	67.43	
05 12 23 00-0566	LF	MC8 x 21.4 - 8" Wide Channel.....	53.95	21.47
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-3.50	
		For >500 To 1,000, Deduct	-5.56	
		For >1,000, Deduct	-7.63	
		For 316 Stainless Steel, Add	81.02	
		For Aluminum, Add	4.56	
		For Galvanized Steel, Add	15.70	
		For 304 Stainless Steel, Add	72.16	
05 12 23 00-0567	LF	MC8 x 22.8 - 8" Wide Channel.....	57.46	22.88
		For >100 To 250, Deduct	-2.29	
		For >250 To 500, Deduct	-3.72	
		For >500 To 1,000, Deduct	-5.92	
		For >1,000, Deduct	-8.12	
		For 316 Stainless Steel, Add	86.30	
		For Aluminum, Add	4.85	
		For Galvanized Steel, Add	16.72	
		For 304 Stainless Steel, Add	76.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0568	LF		MC9 x 23.9 - 9" Wide Channel	60.25	23.97
			For >100 To 250, Deduct	-2.40	
			For >250 To 500, Deduct	-3.90	
			For >500 To 1,000, Deduct	-6.21	
			For >1,000, Deduct	-8.52	
			For 316 Stainless Steel, Add	90.50	
			For Aluminum, Add	5.09	
			For Galvanized Steel, Add	17.53	
			For 304 Stainless Steel, Add	80.60	
05 12 23 00-0569	LF		MC9 x 25.4 - 9" Wide Channel	64.02	25.48
			For >100 To 250, Deduct	-2.55	
			For >250 To 500, Deduct	-4.15	
			For >500 To 1,000, Deduct	-6.60	
			For >1,000, Deduct	-9.05	
			For 316 Stainless Steel, Add	96.16	
			For Aluminum, Add	5.41	
			For Galvanized Steel, Add	18.63	
			For 304 Stainless Steel, Add	85.64	
05 12 23 00-0570	LF		MC10 x 6.5 - 10" Wide Channel.....	16.39	6.52
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.69	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	24.61	
			For Aluminum, Add	1.38	
			For Galvanized Steel, Add	4.77	
			For 304 Stainless Steel, Add	21.92	
05 12 23 00-0571	LF		MC10 x 8.4 - 10" Wide Channel.....	21.18	8.43
			For >100 To 250, Deduct	-0.84	
			For >250 To 500, Deduct	-1.37	
			For >500 To 1,000, Deduct	-2.18	
			For >1,000, Deduct	-2.99	
			For 316 Stainless Steel, Add	31.81	
			For Aluminum, Add	1.79	
			For Galvanized Steel, Add	6.16	
			For 304 Stainless Steel, Add	28.33	
05 12 23 00-0572	LF		MC10 x 21.9 - 10" Wide Channel.....	55.20	21.97
			For >100 To 250, Deduct	-2.20	
			For >250 To 500, Deduct	-3.58	
			For >500 To 1,000, Deduct	-5.69	
			For >1,000, Deduct	-7.80	
			For 316 Stainless Steel, Add	82.91	
			For Aluminum, Add	4.66	
			For Galvanized Steel, Add	16.06	
			For 304 Stainless Steel, Add	73.84	
05 12 23 00-0573	LF		MC10 x 24.9 - 10" Wide Channel.....	62.77	24.98
			For >100 To 250, Deduct	-2.50	
			For >250 To 500, Deduct	-4.07	
			For >500 To 1,000, Deduct	-6.47	
			For >1,000, Deduct	-8.87	
			For 316 Stainless Steel, Add	94.27	
			For Aluminum, Add	5.30	
			For Galvanized Steel, Add	18.27	
			For 304 Stainless Steel, Add	83.96	
05 12 23 00-0574	LF		MC10 x 25.3 - 10" Wide Channel.....	63.77	25.38
			For >100 To 250, Deduct	-2.54	
			For >250 To 500, Deduct	-4.13	
			For >500 To 1,000, Deduct	-6.57	
			For >1,000, Deduct	-9.01	
			For 316 Stainless Steel, Add	95.78	
			For Aluminum, Add	5.39	
			For Galvanized Steel, Add	18.56	
			For 304 Stainless Steel, Add	85.30	
05 12 23 00-0575	LF		MC10 x 28.3 - 10" Wide Channel.....	71.34	28.39
			For >100 To 250, Deduct	-2.84	
			For >250 To 500, Deduct	-4.62	
			For >500 To 1,000, Deduct	-7.35	
			For >1,000, Deduct	-10.08	
			For 316 Stainless Steel, Add	107.14	
			For Aluminum, Add	6.03	
			For Galvanized Steel, Add	20.76	
			For 304 Stainless Steel, Add	95.42	
05 12 23 00-0576	LF		MC10 x 28.5 - 10" Wide Channel.....	71.84	28.59
			For >100 To 250, Deduct	-2.86	
			For >250 To 500, Deduct	-4.66	
			For >500 To 1,000, Deduct	-7.40	
			For >1,000, Deduct	-10.15	
			For 316 Stainless Steel, Add	107.90	
			For Aluminum, Add	6.07	
			For Galvanized Steel, Add	20.91	
			For 304 Stainless Steel, Add	96.10	
05 12 23 00-0577	LF		MC10 x 33.6 - 10" Wide Channel.....	84.70	33.71
			For >100 To 250, Deduct	-3.37	
			For >250 To 500, Deduct	-5.49	
			For >500 To 1,000, Deduct	-8.73	
			For >1,000, Deduct	-11.97	
			For 316 Stainless Steel, Add	127.20	
			For Aluminum, Add	7.16	
			For Galvanized Steel, Add	24.65	
			For 304 Stainless Steel, Add	113.29	

05 Metals
05 10 Structural Metal Framing
05 12 Structural Steel Framing

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0578	LF	MC10 x 41.1 - 10" Wide Channel.....	103.60	41.24
		For >100 To 250, Deduct	-4.12	
		For >250 To 500, Deduct	-6.71	
		For >500 To 1,000, Deduct	-10.68	
		For >1,000, Deduct	-14.64	
		For 316 Stainless Steel, Add	155.58	
		For Aluminum, Add	8.75	
		For Galvanized Steel, Add	30.14	
		For 304 Stainless Steel, Add	138.57	
05 12 23 00-0579	LF	MC12 x 30.9 - 12" Wide Channel.....	77.90	30.99
		For >100 To 250, Deduct	-3.10	
		For >250 To 500, Deduct	-5.05	
		For >500 To 1,000, Deduct	-8.03	
		For >1,000, Deduct	-11.01	
		For 316 Stainless Steel, Add	116.99	
		For Aluminum, Add	6.58	
		For Galvanized Steel, Add	22.67	
		For 304 Stainless Steel, Add	104.20	
05 12 23 00-0580	LF	MC12 x 32.9 - 12" Wide Channel.....	82.93	33.00
		For >100 To 250, Deduct	-3.30	
		For >250 To 500, Deduct	-5.37	
		For >500 To 1,000, Deduct	-8.55	
		For >1,000, Deduct	-11.72	
		For 316 Stainless Steel, Add	124.54	
		For Aluminum, Add	7.01	
		For Galvanized Steel, Add	24.13	
		For 304 Stainless Steel, Add	110.92	
05 12 23 00-0581	LF	MC12 x 35 - 12" Wide Channel.....	88.23	35.11
		For >100 To 250, Deduct	-3.51	
		For >250 To 500, Deduct	-5.72	
		For >500 To 1,000, Deduct	-9.09	
		For >1,000, Deduct	-12.47	
		For 316 Stainless Steel, Add	132.51	
		For Aluminum, Add	7.45	
		For Galvanized Steel, Add	25.67	
		For 304 Stainless Steel, Add	118.02	
05 12 23 00-0582	LF	MC12 x 37 - 12" Wide Channel.....	93.27	37.12
		For >100 To 250, Deduct	-3.71	
		For >250 To 500, Deduct	-6.04	
		For >500 To 1,000, Deduct	-9.61	
		For >1,000, Deduct	-13.18	
		For 316 Stainless Steel, Add	140.06	
		For Aluminum, Add	7.88	
		For Galvanized Steel, Add	27.14	
		For 304 Stainless Steel, Add	124.74	
05 12 23 00-0583	LF	MC12 x 40 - 12" Wide Channel.....	100.82	40.12
		For >100 To 250, Deduct	-4.01	
		For >250 To 500, Deduct	-6.53	
		For >500 To 1,000, Deduct	-10.39	
		For >1,000, Deduct	-14.25	
		For 316 Stainless Steel, Add	151.42	
		For Aluminum, Add	8.52	
		For Galvanized Steel, Add	29.34	
		For 304 Stainless Steel, Add	134.86	
05 12 23 00-0584	LF	MC12 x 45 - 12" Wide Channel.....	113.44	45.15
		For >100 To 250, Deduct	-4.52	
		For >250 To 500, Deduct	-7.35	
		For >500 To 1,000, Deduct	-11.69	
		For >1,000, Deduct	-16.03	
		For 316 Stainless Steel, Add	170.37	
		For Aluminum, Add	9.58	
		For Galvanized Steel, Add	33.01	
		For 304 Stainless Steel, Add	151.73	
05 12 23 00-0585	LF	MC12 x 50 - 12" Wide Channel.....	126.03	50.16
		For >100 To 250, Deduct	-5.02	
		For >250 To 500, Deduct	-8.17	
		For >500 To 1,000, Deduct	-12.99	
		For >1,000, Deduct	-17.81	
		For 316 Stainless Steel, Add	189.28	
		For Aluminum, Add	10.65	
		For Galvanized Steel, Add	36.67	
		For 304 Stainless Steel, Add	168.58	
05 12 23 00-0586	LF	MC13 x 31.8 - 13" Wide Channel.....	80.15	31.90
		For >100 To 250, Deduct	-3.19	
		For >250 To 500, Deduct	-5.19	
		For >500 To 1,000, Deduct	-8.26	
		For >1,000, Deduct	-11.33	
		For 316 Stainless Steel, Add	120.38	
		For Aluminum, Add	6.77	
		For Galvanized Steel, Add	23.32	
		For 304 Stainless Steel, Add	107.22	
05 12 23 00-0587	LF	MC13 x 35 - 13" Wide Channel.....	88.23	35.11
		For >100 To 250, Deduct	-3.51	
		For >250 To 500, Deduct	-5.72	
		For >500 To 1,000, Deduct	-9.09	
		For >1,000, Deduct	-12.47	
		For 316 Stainless Steel, Add	132.51	
		For Aluminum, Add	7.45	
		For Galvanized Steel, Add	25.67	
		For 304 Stainless Steel, Add	118.02	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0588	LF	MC13 x 40 - 13" Wide Channel	100.82	40.12
		<i>For >100 To 250, Deduct</i>	-4.01	
		<i>For >250 To 500, Deduct</i>	-6.53	
		<i>For >500 To 1,000, Deduct</i>	-10.39	
		<i>For >1,000, Deduct</i>	-14.25	
		<i>For 316 Stainless Steel, Add</i>	151.42	
		<i>For Aluminum, Add</i>	8.52	
		<i>For Galvanized Steel, Add</i>	29.34	
		<i>For 304 Stainless Steel, Add</i>	134.86	
05 12 23 00-0589	LF	MC13 x 50 - 13" Wide Channel	126.03	50.16
		<i>For >100 To 250, Deduct</i>	-5.02	
		<i>For >250 To 500, Deduct</i>	-8.17	
		<i>For >500 To 1,000, Deduct</i>	-12.99	
		<i>For >1,000, Deduct</i>	-17.81	
		<i>For 316 Stainless Steel, Add</i>	189.28	
		<i>For Aluminum, Add</i>	10.65	
		<i>For Galvanized Steel, Add</i>	36.67	
		<i>For 304 Stainless Steel, Add</i>	168.58	
05 12 23 00-0590	LF	MC18 x 42.7 - 18" Wide Channel.....	107.64	42.84
		<i>For >100 To 250, Deduct</i>	-4.28	
		<i>For >250 To 500, Deduct</i>	-6.98	
		<i>For >500 To 1,000, Deduct</i>	-11.09	
		<i>For >1,000, Deduct</i>	-15.21	
		<i>For 316 Stainless Steel, Add</i>	161.66	
		<i>For Aluminum, Add</i>	9.09	
		<i>For Galvanized Steel, Add</i>	31.32	
		<i>For 304 Stainless Steel, Add</i>	143.98	
05 12 23 00-0591	LF	MC18 x 45.8 - 18" Wide Channel.....	115.45	45.95
		<i>For >100 To 250, Deduct</i>	-4.59	
		<i>For >250 To 500, Deduct</i>	-7.48	
		<i>For >500 To 1,000, Deduct</i>	-11.90	
		<i>For >1,000, Deduct</i>	-16.32	
		<i>For 316 Stainless Steel, Add</i>	173.41	
		<i>For Aluminum, Add</i>	9.75	
		<i>For Galvanized Steel, Add</i>	33.60	
		<i>For 304 Stainless Steel, Add</i>	154.44	
05 12 23 00-0592	LF	MC18 x 51.9 - 18" Wide Channel.....	130.82	52.06
		<i>For >100 To 250, Deduct</i>	-5.21	
		<i>For >250 To 500, Deduct</i>	-8.48	
		<i>For >500 To 1,000, Deduct</i>	-13.48	
		<i>For >1,000, Deduct</i>	-18.49	
		<i>For 316 Stainless Steel, Add</i>	196.48	
		<i>For Aluminum, Add</i>	11.05	
		<i>For Galvanized Steel, Add</i>	38.07	
		<i>For 304 Stainless Steel, Add</i>	174.99	
05 12 23 00-0593	LF	MC18 x 58 - 18" Wide Channel	146.20	58.18
		<i>For >100 To 250, Deduct</i>	-5.82	
		<i>For >250 To 500, Deduct</i>	-9.47	
		<i>For >500 To 1,000, Deduct</i>	-15.07	
		<i>For >1,000, Deduct</i>	-20.66	
		<i>For 316 Stainless Steel, Add</i>	219.58	
		<i>For Aluminum, Add</i>	12.35	
		<i>For Galvanized Steel, Add</i>	42.54	
		<i>For 304 Stainless Steel, Add</i>	195.57	
05 12 23 00-0594 Structural Bar Tees <small>(05 12 23 00-0408)</small>				
05 12 23 00-0595	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	4.52	2.67
		<i>For >100 To 250, Deduct</i>	-0.27	
		<i>For >250 To 500, Deduct</i>	-0.38	
		<i>For >500 To 1,000, Deduct</i>	-0.58	
		<i>For >1,000, Deduct</i>	-0.78	
		<i>For 316 Stainless Steel, Add</i>	3.07	
		<i>For Aluminum, Add</i>	0.17	
		<i>For Galvanized Steel, Add</i>	0.60	
		<i>For 304 Stainless Steel, Add</i>	2.74	
05 12 23 00-0596	LF	1" x 1" x 1/8" Structural Bar Tee	5.50	3.15
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.45	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000, Deduct</i>	-0.94	
		<i>For 316 Stainless Steel, Add</i>	4.19	
		<i>For Aluminum, Add</i>	0.24	
		<i>For Galvanized Steel, Add</i>	0.81	
		<i>For 304 Stainless Steel, Add</i>	3.73	
05 12 23 00-0597	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	8.60	3.63
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.58	
		<i>For >500 To 1,000, Deduct</i>	-0.92	
		<i>For >1,000, Deduct</i>	-1.25	
		<i>For 316 Stainless Steel, Add</i>	12.00	
		<i>For Aluminum, Add</i>	0.68	
		<i>For Galvanized Steel, Add</i>	2.33	
		<i>For 304 Stainless Steel, Add</i>	10.69	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0598	LF 2" x 2" x 1/4" Structural Bar Tee	11.93	4.75
	For >100 To 250, Deduct	-0.48	
	For >250 To 500, Deduct	-0.77	
	For >500 To 1,000, Deduct	-1.23	
	For >1,000, Deduct	-1.69	
	For 316 Stainless Steel, Add	17.89	
	For Aluminum, Add	1.01	
	For Galvanized Steel, Add	3.47	
	For 304 Stainless Steel, Add	15.93	
05 12 23 00-0599	LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	17.68	5.73
	For >100 To 250, Deduct	-0.57	
	For >250 To 500, Deduct	-1.02	
	For >500 To 1,000, Deduct	-1.65	
	For >1,000, Deduct	-2.28	
	For 316 Stainless Steel, Add	32.10	
	For Aluminum, Add	1.81	
	For Galvanized Steel, Add	6.22	
	For 304 Stainless Steel, Add	28.59	
05 12 23 00-0600	LF 3" x 3" x 3/8" Structural Bar Tee	21.83	7.34
	For >100 To 250, Deduct	-0.73	
	For >250 To 500, Deduct	-1.28	
	For >500 To 1,000, Deduct	-2.07	
	For >1,000, Deduct	-2.86	
	For 316 Stainless Steel, Add	38.53	
	For Aluminum, Add	2.17	
	For Galvanized Steel, Add	7.46	
	For 304 Stainless Steel, Add	34.31	
05 12 23 00-0601	Structural Zees <small>(05 12 23 00-0408)</small>		
05 12 23 00-0602	LF 1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	10.44	3.63
	For >100 To 250, Deduct	-0.36	
	For >250 To 500, Deduct	-0.62	
	For >500 To 1,000, Deduct	-1.01	
	For >1,000, Deduct	-1.39	
	For 316 Stainless Steel, Add	17.89	
	For Aluminum, Add	1.01	
	For Galvanized Steel, Add	3.47	
	For 304 Stainless Steel, Add	15.93	
05 12 23 00-0603	LF 2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	19.15	4.34
	For >100 To 250, Deduct	-0.43	
	For >250 To 500, Deduct	-0.91	
	For >500 To 1,000, Deduct	-1.53	
	For >1,000, Deduct	-2.16	
	For 316 Stainless Steel, Add	42.82	
	For Aluminum, Add	2.41	
	For Galvanized Steel, Add	8.30	
	For 304 Stainless Steel, Add	38.13	
05 12 23 00-0604	LF 3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	22.91	4.89
	For >100 To 250, Deduct	-0.49	
	For >250 To 500, Deduct	-1.06	
	For >500 To 1,000, Deduct	-1.80	
	For >1,000, Deduct	-2.53	
	For 316 Stainless Steel, Add	52.42	
	For Aluminum, Add	2.95	
	For Galvanized Steel, Add	10.16	
	For 304 Stainless Steel, Add	46.68	
05 12 23 00-0605	LF 3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	30.62	5.59
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-1.32	
	For >500 To 1,000, Deduct	-2.28	
	For >1,000, Deduct	-3.23	
	For 316 Stainless Steel, Add	74.14	
	For Aluminum, Add	4.17	
	For Galvanized Steel, Add	14.37	
	For 304 Stainless Steel, Add	66.03	
05 12 23 00-0606	LF 3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	39.47	6.09
	For >100 To 250, Deduct	-0.61	
	For >250 To 500, Deduct	-1.60	
	For >500 To 1,000, Deduct	-2.78	
	For >1,000, Deduct	-3.97	
	For 316 Stainless Steel, Add	100.35	
	For Aluminum, Add	5.64	
	For Galvanized Steel, Add	19.44	
	For 304 Stainless Steel, Add	89.38	
05 12 23 00-0607	Junior I-Beams <small>(05 12 23 00-0408)</small>		
05 12 23 00-0608	LF 3" Junior I-Beam, 2.9 LB/LF.....	14.36	5.24
	For >100 To 250, Deduct	-0.52	
	For >250 To 500, Deduct	-0.88	
	For >500 To 1,000, Deduct	-1.42	
	For >1,000, Deduct	-1.95	
	For 316 Stainless Steel, Add	23.58	
	For Aluminum, Add	1.33	
	For Galvanized Steel, Add	4.57	
	For 304 Stainless Steel, Add	21.00	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0609	LF 4" Junior I-Beam, 3.2 LB/LF.....		15.79	5.73
	For >100 To 250, Deduct		-0.57	
	For >250 To 500, Deduct		-0.97	
	For >500 To 1,000, Deduct		-1.55	
	For >1,000, Deduct		-2.14	
	For 316 Stainless Steel, Add		26.05	
	For Aluminum, Add		1.47	
	For Galvanized Steel, Add		5.05	
	For 304 Stainless Steel, Add		23.20	
05 12 23 00-0610	LF 5" Junior I-Beam, 3.8 LB/LF.....		18.05	6.29
	For >100 To 250, Deduct		-0.63	
	For >250 To 500, Deduct		-1.08	
	For >500 To 1,000, Deduct		-1.74	
	For >1,000, Deduct		-2.40	
	For 316 Stainless Steel, Add		30.91	
	For Aluminum, Add		1.74	
	For Galvanized Steel, Add		5.99	
	For 304 Stainless Steel, Add		27.53	
05 12 23 00-0611	LF 6" Junior I-Beam, 4.4 LB/LF.....		20.32	6.85
	For >100 To 250, Deduct		-0.68	
	For >250 To 500, Deduct		-1.19	
	For >500 To 1,000, Deduct		-1.93	
	For >1,000, Deduct		-2.67	
	For 316 Stainless Steel, Add		35.81	
	For Aluminum, Add		2.01	
	For Galvanized Steel, Add		6.94	
	For 304 Stainless Steel, Add		31.89	
05 12 23 00-0612	LF 7" Junior I-Beam, 5.5 LB/LF.....		23.77	7.34
	For >100 To 250, Deduct		-0.73	
	For >250 To 500, Deduct		-1.33	
	For >500 To 1,000, Deduct		-2.17	
	For >1,000, Deduct		-3.01	
	For 316 Stainless Steel, Add		44.74	
	For Aluminum, Add		2.52	
	For Galvanized Steel, Add		8.67	
	For 304 Stainless Steel, Add		39.84	
05 12 23 00-0613	LF 8" Junior I-Beam, 6.5 LB/LF.....		26.96	7.83
	For >100 To 250, Deduct		-0.78	
	For >250 To 500, Deduct		-1.46	
	For >500 To 1,000, Deduct		-2.39	
	For >1,000, Deduct		-3.33	
	For 316 Stainless Steel, Add		52.86	
	For Aluminum, Add		2.97	
	For Galvanized Steel, Add		10.24	
	For 304 Stainless Steel, Add		47.08	
05 12 23 00-0614	LF 10" Junior I-Beam, 9 LB/LF.....		34.81	8.95
	For >100 To 250, Deduct		-0.89	
	For >250 To 500, Deduct		-1.77	
	For >500 To 1,000, Deduct		-2.93	
	For >1,000, Deduct		-4.10	
	For 316 Stainless Steel, Add		73.22	
	For Aluminum, Add		4.12	
	For Galvanized Steel, Add		14.19	
	For 304 Stainless Steel, Add		65.21	
05 12 23 00-0615	LF 12" Junior I-Beam, 11.8 LB/LF.....		44.17	10.62
	For >100 To 250, Deduct		-1.06	
	For >250 To 500, Deduct		-2.17	
	For >500 To 1,000, Deduct		-3.63	
	For >1,000, Deduct		-5.08	
	For 316 Stainless Steel, Add		96.00	
	For Aluminum, Add		5.40	
	For Galvanized Steel, Add		18.60	
	For 304 Stainless Steel, Add		85.50	
05 12 23 00-0616	Round Stock <small>(05 12 23 00-0408)</small>			
05 12 23 00-0617	LF 1/4" Carbon Steel Rounds, ASTM A108.....		1.72	
	For 316 Stainless Steel, Add		2.50	
	For Aluminum, Add		0.14	
	For Galvanized Steel, Add		0.48	
	For 304 Stainless Steel, Add		2.22	
05 12 23 00-0618	LF 3/8" Carbon Steel Rounds, ASTM A108.....		2.60	
	For 316 Stainless Steel, Add		4.93	
	For Aluminum, Add		0.28	
	For Galvanized Steel, Add		0.95	
	For 304 Stainless Steel, Add		4.39	
05 12 23 00-0619	LF 1/2" Carbon Steel Rounds, ASTM A108.....		3.52	
	For 316 Stainless Steel, Add		7.52	
	For Aluminum, Add		0.42	
	For Galvanized Steel, Add		1.46	
	For 304 Stainless Steel, Add		6.70	
05 12 23 00-0620	LF 5/8" Carbon Steel Rounds, ASTM A108.....		5.22	
	For 316 Stainless Steel, Add		12.54	
	For Aluminum, Add		0.71	
	For Galvanized Steel, Add		2.43	
	For 304 Stainless Steel, Add		11.17	
05 12 23 00-0621	LF 3/4" Carbon Steel Rounds, ASTM A108.....		6.21	
	For 316 Stainless Steel, Add		14.91	
	For Aluminum, Add		0.84	
	For Galvanized Steel, Add		2.89	
	For 304 Stainless Steel, Add		13.28	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0622	LF	7/8" Carbon Steel Rounds, ASTM A108	7.23	
		For 316 Stainless Steel, Add	17.41	
		For Aluminum, Add	0.98	
		For Galvanized Steel, Add	3.37	
		For 304 Stainless Steel, Add	15.50	
05 12 23 00-0623	LF	1" Carbon Steel Rounds, ASTM A108	10.41	
		For 316 Stainless Steel, Add	26.53	
		For Aluminum, Add	1.49	
		For Galvanized Steel, Add	5.14	
		For 304 Stainless Steel, Add	23.63	
05 12 23 00-0624	LF	1-1/8" Carbon Steel Rounds, ASTM A108	12.67	
		For 316 Stainless Steel, Add	32.26	
		For Aluminum, Add	1.81	
		For Galvanized Steel, Add	6.25	
		For 304 Stainless Steel, Add	28.73	
05 12 23 00-0625	LF	1-1/4" Carbon Steel Rounds, ASTM A108	15.19	
		For 316 Stainless Steel, Add	37.95	
		For Aluminum, Add	2.13	
		For Galvanized Steel, Add	7.35	
		For 304 Stainless Steel, Add	33.80	
05 12 23 00-0626	LF	1-3/8" Carbon Steel Rounds, ASTM A108	18.35	
		For 316 Stainless Steel, Add	46.30	
		For Aluminum, Add	2.60	
		For Galvanized Steel, Add	8.97	
		For 304 Stainless Steel, Add	41.24	
05 12 23 00-0627	LF	1-1/2" Carbon Steel Rounds, ASTM A108	20.53	
		For 316 Stainless Steel, Add	50.78	
		For Aluminum, Add	2.86	
		For Galvanized Steel, Add	9.84	
		For 304 Stainless Steel, Add	45.23	
05 12 23 00-0628	LF	1-5/8" Carbon Steel Rounds, ASTM A108	23.81	
		For 316 Stainless Steel, Add	57.57	
		For Aluminum, Add	3.24	
		For Galvanized Steel, Add	11.15	
		For 304 Stainless Steel, Add	51.27	
05 12 23 00-0629	LF	1-3/4" Carbon Steel Rounds, ASTM A108	28.71	
		For 316 Stainless Steel, Add	67.01	
		For Aluminum, Add	3.77	
		For Galvanized Steel, Add	12.98	
		For 304 Stainless Steel, Add	59.68	
05 12 23 00-0630	LF	1-7/8" Carbon Steel Rounds, ASTM A108	34.77	
		For 316 Stainless Steel, Add	78.46	
		For Aluminum, Add	4.41	
		For Galvanized Steel, Add	15.20	
		For 304 Stainless Steel, Add	69.88	
05 12 23 00-0631	LF	2" Carbon Steel Rounds, ASTM A108	39.90	
		For 316 Stainless Steel, Add	87.30	
		For Aluminum, Add	4.91	
		For Galvanized Steel, Add	16.91	
		For 304 Stainless Steel, Add	77.75	
05 12 23 00-0632	LF	2-1/8" Carbon Steel Rounds, ASTM A108	46.83	
		For 316 Stainless Steel, Add	99.68	
		For Aluminum, Add	5.61	
		For Galvanized Steel, Add	19.31	
		For 304 Stainless Steel, Add	88.78	
05 12 23 00-0633	LF	2-1/4" Carbon Steel Rounds, ASTM A108	53.06	
		For 316 Stainless Steel, Add	112.10	
		For Aluminum, Add	6.31	
		For Galvanized Steel, Add	21.72	
		For 304 Stainless Steel, Add	99.84	
05 12 23 00-0634	LF	2-3/8" Carbon Steel Rounds, ASTM A108	60.80	
		For 316 Stainless Steel, Add	128.22	
		For Aluminum, Add	7.21	
		For Galvanized Steel, Add	24.84	
		For 304 Stainless Steel, Add	114.20	
05 12 23 00-0635	LF	2-1/2" Carbon Steel Rounds, ASTM A108	67.52	
		For 316 Stainless Steel, Add	138.18	
		For Aluminum, Add	7.77	
		For Galvanized Steel, Add	26.77	
		For 304 Stainless Steel, Add	123.06	
05 12 23 00-0636	LF	2-5/8" Carbon Steel Rounds, ASTM A108	81.89	
		For 316 Stainless Steel, Add	175.52	
		For Aluminum, Add	9.87	
		For Galvanized Steel, Add	34.01	
		For 304 Stainless Steel, Add	156.32	
05 12 23 00-0637	LF	2-3/4" Carbon Steel Rounds, ASTM A108	93.21	
		For 316 Stainless Steel, Add	200.16	
		For Aluminum, Add	11.26	
		For Galvanized Steel, Add	38.78	
		For 304 Stainless Steel, Add	178.27	
05 12 23 00-0638	LF	2-7/8" Carbon Steel Rounds, ASTM A108	103.97	
		For 316 Stainless Steel, Add	223.04	
		For Aluminum, Add	12.55	
		For Galvanized Steel, Add	43.21	
		For 304 Stainless Steel, Add	198.65	
05 12 23 00-0639	LF	3" Carbon Steel Rounds, ASTM A108	109.66	
		For 316 Stainless Steel, Add	229.73	
		For Aluminum, Add	12.92	
		For Galvanized Steel, Add	44.51	
		For 304 Stainless Steel, Add	204.60	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

05 12 23 00-0640	LF	3-1/8"	Carbon Steel Rounds, ASTM A108		114.86	
			For 316 Stainless Steel, Add		234.82	
			For Aluminum, Add		13.21	
			For Galvanized Steel, Add		45.50	
			For 304 Stainless Steel, Add		209.13	
05 12 23 00-0641	LF	3-1/4"	Carbon Steel Rounds, ASTM A108		121.47	
			For 316 Stainless Steel, Add		244.42	
			For Aluminum, Add		13.75	
			For Galvanized Steel, Add		47.36	
			For 304 Stainless Steel, Add		217.68	
05 12 23 00-0642	LF	3-1/2"	Carbon Steel Rounds, ASTM A108		146.51	
			For 316 Stainless Steel, Add		310.11	
			For Aluminum, Add		17.44	
			For Galvanized Steel, Add		60.08	
			For 304 Stainless Steel, Add		276.19	
05 12 23 00-0643	LF	3-5/8"	Carbon Steel Rounds, ASTM A108		162.51	
			For 316 Stainless Steel, Add		346.91	
			For Aluminum, Add		19.51	
			For Galvanized Steel, Add		67.21	
			For 304 Stainless Steel, Add		308.97	
05 12 23 00-0644	LF	3-3/4"	Carbon Steel Rounds, ASTM A108		174.58	
			For 316 Stainless Steel, Add		371.10	
			For Aluminum, Add		20.87	
			For Galvanized Steel, Add		71.90	
			For 304 Stainless Steel, Add		330.51	
05 12 23 00-0645	LF	4"	Carbon Steel Rounds, ASTM A108		195.15	
			For 316 Stainless Steel, Add		422.50	
			For Aluminum, Add		23.77	
			For Galvanized Steel, Add		81.86	
			For 304 Stainless Steel, Add		376.29	
05 12 23 00-0646			Square Stock <small>(05 12 23 00-0408)</small>			
05 12 23 00-0647	LF	3/8"	Square Bar Stock		1.62	
			For 316 Stainless Steel, Add		1.79	
			For Aluminum, Add		0.10	
			For Galvanized Steel, Add		0.35	
			For 304 Stainless Steel, Add		1.60	
05 12 23 00-0648	LF	1/2"	Square Bar Stock		2.17	
			For 316 Stainless Steel, Add		3.20	
			For Aluminum, Add		0.18	
			For Galvanized Steel, Add		0.62	
			For 304 Stainless Steel, Add		2.85	
05 12 23 00-0649	LF	5/8"	Square Bar Stock		2.86	
			For 316 Stainless Steel, Add		4.99	
			For Aluminum, Add		0.28	
			For Galvanized Steel, Add		0.97	
			For 304 Stainless Steel, Add		4.45	
05 12 23 00-0650	LF	3/4"	Square Bar Stock		3.80	
			For 316 Stainless Steel, Add		7.20	
			For Aluminum, Add		0.41	
			For Galvanized Steel, Add		1.40	
			For 304 Stainless Steel, Add		6.41	
05 12 23 00-0651	LF	7/8"	Square Bar Stock		4.93	
			For 316 Stainless Steel, Add		10.05	
			For Aluminum, Add		0.57	
			For Galvanized Steel, Add		1.95	
			For 304 Stainless Steel, Add		8.95	
05 12 23 00-0652	LF	1"	Square Bar Stock		6.13	
			For 316 Stainless Steel, Add		12.83	
			For Aluminum, Add		0.72	
			For Galvanized Steel, Add		2.49	
			For 304 Stainless Steel, Add		11.43	
05 12 23 00-0653	LF	1-1/4"	Square Bar Stock		9.59	
			For 316 Stainless Steel, Add		20.03	
			For Aluminum, Add		1.13	
			For Galvanized Steel, Add		3.88	
			For 304 Stainless Steel, Add		17.84	
05 12 23 00-0654	LF	1-1/2"	Square Bar Stock		13.68	
			For 316 Stainless Steel, Add		28.86	
			For Aluminum, Add		1.62	
			For Galvanized Steel, Add		5.59	
			For 304 Stainless Steel, Add		25.71	
05 12 23 00-0655	LF	1-3/4"	Square Bar Stock		20.32	
			For 316 Stainless Steel, Add		40.16	
			For Aluminum, Add		2.26	
			For Galvanized Steel, Add		7.78	
			For 304 Stainless Steel, Add		35.77	
05 12 23 00-0656	LF	2"	Square Bar Stock		29.10	
			For 316 Stainless Steel, Add		51.36	
			For Aluminum, Add		2.89	
			For Galvanized Steel, Add		9.95	
			For 304 Stainless Steel, Add		45.74	
05 12 23 00-0657			Steel Tubing <small>(05 12 23 00-0408)</small>			
			Note: General purpose low-carbon steel.			
05 12 23 00-0658			Square Steel Tubing <small>(05 12 23 00-0657)</small>			
05 12 23 00-0659			0.06" Wall Thickness <small>(05 12 23 00-0658)</small>			

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0660	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.14	0.50
		<i>For >100 To 250, Deduct</i>	-0.05	
		<i>For >250 To 500, Deduct</i>	-0.10	
		<i>For >500 To 1,000, Deduct</i>	-0.17	
		<i>For >1,000, Deduct</i>	-0.24	
		<i>For Galvanized Steel, Add</i>	0.91	
05 12 23 00-0661	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	3.31	0.78
		<i>For >100 To 250, Deduct</i>	-0.08	
		<i>For >250 To 500, Deduct</i>	-0.16	
		<i>For >500 To 1,000, Deduct</i>	-0.27	
		<i>For >1,000, Deduct</i>	-0.38	
		<i>For Galvanized Steel, Add</i>	1.40	
05 12 23 00-0662	LF	1" x 1" x 0.06" Square Steel Tubing	4.43	1.43
		<i>For >100 To 250, Deduct</i>	-0.11	
		<i>For >250 To 500, Deduct</i>	-0.22	
		<i>For >500 To 1,000, Deduct</i>	-0.36	
		<i>For >1,000, Deduct</i>	-0.51	
		<i>For Galvanized Steel, Add</i>	1.86	
05 12 23 00-0663	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	5.86	1.36
		<i>For >100 To 250, Deduct</i>	-0.14	
		<i>For >250 To 500, Deduct</i>	-0.28	
		<i>For >500 To 1,000, Deduct</i>	-0.47	
		<i>For >1,000, Deduct</i>	-0.67	
		<i>For Galvanized Steel, Add</i>	2.51	
05 12 23 00-0664	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	6.94	1.64
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500 To 1,000, Deduct</i>	-0.57	
		<i>For >1,000, Deduct</i>	-0.79	
		<i>For Galvanized Steel, Add</i>	2.95	
05 12 23 00-0665		0.083" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0666	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	3.84	0.93
		<i>For >100 To 250, Deduct</i>	-0.09	
		<i>For >250 To 500, Deduct</i>	-0.19	
		<i>For >500 To 1,000, Deduct</i>	-0.32	
		<i>For >1,000, Deduct</i>	-0.44	
		<i>For Galvanized Steel, Add</i>	1.62	
05 12 23 00-0667	LF	1" x 1" x 0.083" Square Steel Tubing	5.59	1.27
		<i>For >100 To 250, Deduct</i>	-0.13	
		<i>For >250 To 500, Deduct</i>	-0.27	
		<i>For >500 To 1,000, Deduct</i>	-0.45	
		<i>For >1,000, Deduct</i>	-0.63	
		<i>For Galvanized Steel, Add</i>	2.42	
05 12 23 00-0668	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	6.75	1.61
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.33	
		<i>For >500 To 1,000, Deduct</i>	-0.55	
		<i>For >1,000, Deduct</i>	-0.78	
		<i>For Galvanized Steel, Add</i>	2.85	
05 12 23 00-0669	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	8.17	1.96
		<i>For >100 To 250, Deduct</i>	-0.20	
		<i>For >250 To 500, Deduct</i>	-0.40	
		<i>For >500 To 1,000, Deduct</i>	-0.67	
		<i>For >1,000, Deduct</i>	-0.94	
		<i>For Galvanized Steel, Add</i>	3.44	
05 12 23 00-0670	LF	2" x 2" x 0.083" Square Steel Tubing	10.47	2.62
		<i>For >100 To 250, Deduct</i>	-0.26	
		<i>For >250 To 500, Deduct</i>	-0.52	
		<i>For >500 To 1,000, Deduct</i>	-0.87	
		<i>For >1,000, Deduct</i>	-1.22	
		<i>For Galvanized Steel, Add</i>	4.33	
05 12 23 00-0671		0.12" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0672	LF	1" x 1" x 0.12" Square Steel Tubing	6.16	1.51
		<i>For >100 To 250, Deduct</i>	-0.15	
		<i>For >250 To 500, Deduct</i>	-0.30	
		<i>For >500 To 1,000, Deduct</i>	-0.51	
		<i>For >1,000, Deduct</i>	-0.71	
		<i>For Galvanized Steel, Add</i>	2.57	
05 12 23 00-0673	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	7.95	1.93
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.39	
		<i>For >500 To 1,000, Deduct</i>	-0.66	
		<i>For >1,000, Deduct</i>	-0.92	
		<i>For Galvanized Steel, Add</i>	3.32	
05 12 23 00-0674	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	9.75	2.36
		<i>For >100 To 250, Deduct</i>	-0.24	
		<i>For >250 To 500, Deduct</i>	-0.48	
		<i>For >500 To 1,000, Deduct</i>	-0.80	
		<i>For >1,000, Deduct</i>	-1.13	
		<i>For Galvanized Steel, Add</i>	4.09	
05 12 23 00-0675	LF	2" x 2" x 0.12" Square Steel Tubing	13.20	3.22
		<i>For >100 To 250, Deduct</i>	-0.32	
		<i>For >250 To 500, Deduct</i>	-0.65	
		<i>For >500 To 1,000, Deduct</i>	-1.09	
		<i>For >1,000, Deduct</i>	-1.53	
		<i>For Galvanized Steel, Add</i>	5.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0676			1/8" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0677	LF		2" x 2" x 1/8" Square Steel Tubing.....	11.89	3.35
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-1.04	
			For >1,000, Deduct	-1.45	
			For Galvanized Steel, Add	4.60	
05 12 23 00-0678	LF		2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	15.67	4.24
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.35	
			For >1,000, Deduct	-1.88	
			For Galvanized Steel, Add	6.21	
05 12 23 00-0679	LF		3" x 3" x 1/8" Square Steel Tubing.....	18.37	5.13
			For >100 To 250, Deduct	-0.51	
			For >250 To 500, Deduct	-0.97	
			For >500 To 1,000, Deduct	-1.60	
			For >1,000, Deduct	-2.23	
			For Galvanized Steel, Add	7.15	
05 12 23 00-0680	LF		3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	21.28	6.03
			For >100 To 250, Deduct	-0.60	
			For >250 To 500, Deduct	-1.13	
			For >500 To 1,000, Deduct	-1.87	
			For >1,000, Deduct	-2.60	
			For Galvanized Steel, Add	8.22	
05 12 23 00-0681	LF		4" x 4" x 1/8" Square Steel Tubing.....	23.46	6.91
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.28	
			For >500 To 1,000, Deduct	-2.10	
			For >1,000, Deduct	-2.91	
			For Galvanized Steel, Add	8.82	
05 12 23 00-0682			3/16" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0683	LF		2" x 2" x 3/16" Square Steel Tubing.....	13.47	3.77
			For >100 To 250, Deduct	-0.38	
			For >250 To 500, Deduct	-0.71	
			For >500 To 1,000, Deduct	-1.18	
			For >1,000, Deduct	-1.64	
			For Galvanized Steel, Add	5.23	
05 12 23 00-0684	LF		2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	17.45	4.89
			For >100 To 250, Deduct	-0.49	
			For >250 To 500, Deduct	-0.93	
			For >500 To 1,000, Deduct	-1.52	
			For >1,000, Deduct	-2.12	
			For Galvanized Steel, Add	6.78	
05 12 23 00-0685	LF		3" x 3" x 3/16" Square Steel Tubing.....	21.44	6.01
			For >100 To 250, Deduct	-0.60	
			For >250 To 500, Deduct	-1.14	
			For >500 To 1,000, Deduct	-1.87	
			For >1,000, Deduct	-2.61	
			For Galvanized Steel, Add	8.33	
05 12 23 00-0686	LF		3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	25.43	7.12
			For >100 To 250, Deduct	-0.71	
			For >250 To 500, Deduct	-1.35	
			For >500 To 1,000, Deduct	-2.22	
			For >1,000, Deduct	-3.09	
			For Galvanized Steel, Add	9.88	
05 12 23 00-0687	LF		4" x 4" x 3/16" Square Steel Tubing.....	29.39	8.23
			For >100 To 250, Deduct	-0.82	
			For >250 To 500, Deduct	-1.56	
			For >500 To 1,000, Deduct	-2.57	
			For >1,000, Deduct	-3.58	
			For Galvanized Steel, Add	11.41	
05 12 23 00-0688	LF		4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	33.38	9.36
			For >100 To 250, Deduct	-0.93	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.92	
			For >1,000, Deduct	-4.06	
			For Galvanized Steel, Add	12.97	
05 12 23 00-0689	LF		5" x 5" x 3/16" Square Steel Tubing.....	37.35	10.46
			For >100 To 250, Deduct	-1.05	
			For >250 To 500, Deduct	-1.98	
			For >500 To 1,000, Deduct	-3.26	
			For >1,000, Deduct	-4.55	
			For Galvanized Steel, Add	14.51	
05 12 23 00-0690	LF		6" x 6" x 3/16" Square Steel Tubing.....	45.33	12.70
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-2.40	
			For >500 To 1,000, Deduct	-3.96	
			For >1,000, Deduct	-5.52	
			For Galvanized Steel, Add	17.61	
05 12 23 00-0691			1/4" Wall Thickness (05 12 23 00-0658)		

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0692	LF 2" x 2" x 1/4" Square Steel Tubing.....	14.37	3.78
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.22	
	For >1,000, Deduct	-1.71	
	For Galvanized Steel, Add	5.78	
05 12 23 00-0693	LF 2-1/2" x 2-1/2" x 1/4" Square Steel Tubing.....	18.90	4.97
	For >100 To 250, Deduct	-0.50	
	For >250 To 500, Deduct	-0.97	
	For >500 To 1,000, Deduct	-1.61	
	For >1,000, Deduct	-2.25	
	For Galvanized Steel, Add	7.61	
05 12 23 00-0694	LF 3" x 3" x 1/4" Square Steel Tubing.....	23.41	6.16
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-1.20	
	For >500 To 1,000, Deduct	-1.99	
	For >1,000, Deduct	-2.78	
	For Galvanized Steel, Add	9.42	
05 12 23 00-0695	LF 3-1/2" x 3-1/2" x 1/4" Square Steel Tubing.....	27.93	7.34
	For >100 To 250, Deduct	-0.74	
	For >250 To 500, Deduct	-1.43	
	For >500 To 1,000, Deduct	-2.38	
	For >1,000, Deduct	-3.32	
	For Galvanized Steel, Add	11.24	
05 12 23 00-0696	LF 4" x 4" x 1/4" Square Steel Tubing.....	32.45	8.54
	For >100 To 250, Deduct	-0.85	
	For >250 To 500, Deduct	-1.66	
	For >500 To 1,000, Deduct	-2.76	
	For >1,000, Deduct	-3.86	
	For Galvanized Steel, Add	13.06	
05 12 23 00-0697	LF 4-1/2" x 4-1/2" x 1/4" Square Steel Tubing.....	36.97	9.73
	For >100 To 250, Deduct	-0.97	
	For >250 To 500, Deduct	-1.90	
	For >500 To 1,000, Deduct	-3.15	
	For >1,000, Deduct	-4.39	
	For Galvanized Steel, Add	14.88	
05 12 23 00-0698	LF 5" x 5" x 1/4" Square Steel Tubing.....	41.51	10.93
	For >100 To 250, Deduct	-1.09	
	For >250 To 500, Deduct	-2.13	
	For >500 To 1,000, Deduct	-3.53	
	For >1,000, Deduct	-4.93	
	For Galvanized Steel, Add	16.71	
05 12 23 00-0699	LF 6" x 6" x 1/4" Square Steel Tubing.....	50.55	13.30
	For >100 To 250, Deduct	-1.33	
	For >250 To 500, Deduct	-2.59	
	For >500 To 1,000, Deduct	-4.30	
	For >1,000, Deduct	-6.01	
	For Galvanized Steel, Add	20.34	

05 12 23 00-0700 Rectangular Steel Tubing (05 12 23 00-0697)

05 12 23 00-0701 3/16" Wall Thickness (05 12 23 00-0700)

05 12 23 00-0702	LF 3" x 2" x 3/16" Square Steel Tubing.....	17.45	4.89
	For >100 To 250, Deduct	-0.49	
	For >250 To 500, Deduct	-0.93	
	For >500 To 1,000, Deduct	-1.52	
	For >1,000, Deduct	-2.12	
	For Galvanized Steel, Add	6.78	
05 12 23 00-0703	LF 4" x 2" x 3/16" Square Steel Tubing.....	21.44	6.01
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-1.14	
	For >500 To 1,000, Deduct	-1.87	
	For >1,000, Deduct	-2.61	
	For Galvanized Steel, Add	8.33	
05 12 23 00-0704	LF 4" x 3" x 3/16" Square Steel Tubing.....	25.43	7.12
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-1.35	
	For >500 To 1,000, Deduct	-2.22	
	For >1,000, Deduct	-3.09	
	For Galvanized Steel, Add	9.88	
05 12 23 00-0705	LF 5" x 2" x 3/16" Square Steel Tubing.....	25.43	7.12
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-1.35	
	For >500 To 1,000, Deduct	-2.22	
	For >1,000, Deduct	-3.09	
	For Galvanized Steel, Add	9.88	
05 12 23 00-0706	LF 5" x 3" x 3/16" Square Steel Tubing.....	29.39	8.23
	For >100 To 250, Deduct	-0.82	
	For >250 To 500, Deduct	-1.56	
	For >500 To 1,000, Deduct	-2.57	
	For >1,000, Deduct	-3.58	
	For Galvanized Steel, Add	11.41	
05 12 23 00-0707	LF 5" x 4" x 3/16" Square Steel Tubing.....	33.38	9.36
	For >100 To 250, Deduct	-0.93	
	For >250 To 500, Deduct	-1.77	
	For >500 To 1,000, Deduct	-2.92	
	For >1,000, Deduct	-4.06	
	For Galvanized Steel, Add	12.97	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0708	LF 6" x 2" x 3/16" Square Steel Tubing.....		29.39	8.23
	For >100 To 250, Deduct		-0.82	
	For >250 To 500, Deduct		-1.56	
	For >500 To 1,000, Deduct		-2.57	
	For >1,000, Deduct		-3.58	
	For Galvanized Steel, Add		11.41	
05 12 23 00-0709	LF 6" x 3" x 3/16" Square Steel Tubing.....		33.38	9.36
	For >100 To 250, Deduct		-0.93	
	For >250 To 500, Deduct		-1.77	
	For >500 To 1,000, Deduct		-2.92	
	For >1,000, Deduct		-4.06	
	For Galvanized Steel, Add		12.97	
05 12 23 00-0710	LF 6" x 4" x 3/16" Square Steel Tubing.....		37.35	10.46
	For >100 To 250, Deduct		-1.05	
	For >250 To 500, Deduct		-1.98	
	For >500 To 1,000, Deduct		-3.26	
	For >1,000, Deduct		-4.55	
	For Galvanized Steel, Add		14.51	
05 12 23 00-0711	1/4" Wall Thickness (05 12 23 00-0700)			
05 12 23 00-0712	LF 3" x 2" x 1/4" Square Steel Tubing.....		18.90	4.97
	For >100 To 250, Deduct		-0.50	
	For >250 To 500, Deduct		-0.97	
	For >500 To 1,000, Deduct		-1.61	
	For >1,000, Deduct		-2.25	
	For Galvanized Steel, Add		7.61	
05 12 23 00-0713	LF 4" x 2" x 1/4" Square Steel Tubing.....		23.41	6.16
	For >100 To 250, Deduct		-0.62	
	For >250 To 500, Deduct		-1.20	
	For >500 To 1,000, Deduct		-1.99	
	For >1,000, Deduct		-2.78	
	For Galvanized Steel, Add		9.42	
05 12 23 00-0714	LF 4" x 3" x 1/4" Square Steel Tubing.....		27.93	7.34
	For >100 To 250, Deduct		-0.74	
	For >250 To 500, Deduct		-1.43	
	For >500 To 1,000, Deduct		-2.38	
	For >1,000, Deduct		-3.32	
	For Galvanized Steel, Add		11.24	
05 12 23 00-0715	LF 5" x 2" x 1/4" Square Steel Tubing.....		27.93	7.34
	For >100 To 250, Deduct		-0.74	
	For >250 To 500, Deduct		-1.43	
	For >500 To 1,000, Deduct		-2.38	
	For >1,000, Deduct		-3.32	
	For Galvanized Steel, Add		11.24	
05 12 23 00-0716	LF 5" x 3" x 1/4" Square Steel Tubing.....		32.45	8.54
	For >100 To 250, Deduct		-0.85	
	For >250 To 500, Deduct		-1.66	
	For >500 To 1,000, Deduct		-2.76	
	For >1,000, Deduct		-3.86	
	For Galvanized Steel, Add		13.06	
05 12 23 00-0717	LF 5" x 4" x 1/4" Square Steel Tubing.....		36.97	9.73
	For >100 To 250, Deduct		-0.97	
	For >250 To 500, Deduct		-1.90	
	For >500 To 1,000, Deduct		-3.15	
	For >1,000, Deduct		-4.39	
	For Galvanized Steel, Add		14.88	
05 12 23 00-0718	LF 6" x 2" x 1/4" Square Steel Tubing.....		32.45	8.54
	For >100 To 250, Deduct		-0.85	
	For >250 To 500, Deduct		-1.66	
	For >500 To 1,000, Deduct		-2.76	
	For >1,000, Deduct		-3.86	
	For Galvanized Steel, Add		13.06	
05 12 23 00-0719	LF 6" x 3" x 1/4" Square Steel Tubing.....		36.97	9.73
	For >100 To 250, Deduct		-0.97	
	For >250 To 500, Deduct		-1.90	
	For >500 To 1,000, Deduct		-3.15	
	For >1,000, Deduct		-4.39	
	For Galvanized Steel, Add		14.88	
05 12 23 00-0720	LF 6" x 4" x 1/4" Square Steel Tubing.....		41.51	10.93
	For >100 To 250, Deduct		-1.09	
	For >250 To 500, Deduct		-2.13	
	For >500 To 1,000, Deduct		-3.53	
	For >1,000, Deduct		-4.93	
	For Galvanized Steel, Add		16.71	
05 12 23 00-0721	Round Steel Tubing (05 12 23 00-0657)			
05 12 23 00-0722	0.065" Wall Thickness (05 12 23 00-0721)			
05 12 23 00-0723	LF 1" Diameter x 0.065" Round Steel Tubing		3.83	0.91
	For >100 To 250, Deduct		-0.09	
	For >250 To 500, Deduct		-0.19	
	For >500 To 1,000, Deduct		-0.31	
	For >1,000, Deduct		-0.44	
	For Galvanized Steel, Add		1.62	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0724	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	4.87	1.15
		<i>For >100 To 250, Deduct</i>	-0.12	
		<i>For >250 To 500, Deduct</i>	-0.24	
		<i>For >500 To 1,000, Deduct</i>	-0.40	
		<i>For >1,000, Deduct</i>	-0.56	
		<i>For Galvanized Steel, Add</i>	2.06	
05 12 23 00-0725	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	5.89	1.39
		<i>For >100 To 250, Deduct</i>	-0.14	
		<i>For >250 To 500, Deduct</i>	-0.29	
		<i>For >500 To 1,000, Deduct</i>	-0.48	
		<i>For >1,000, Deduct</i>	-0.67	
		<i>For Galvanized Steel, Add</i>	2.50	
05 12 23 00-0726	LF	2" Diameter x 0.065" Round Steel Tubing	7.93	1.88
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.39	
		<i>For >500 To 1,000, Deduct</i>	-0.65	
		<i>For >1,000, Deduct</i>	-0.91	
		<i>For Galvanized Steel, Add</i>	3.37	
05 12 23 00-0727	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	9.98	2.36
		<i>For >100 To 250, Deduct</i>	-0.24	
		<i>For >250 To 500, Deduct</i>	-0.49	
		<i>For >500 To 1,000, Deduct</i>	-0.81	
		<i>For >1,000, Deduct</i>	-1.14	
		<i>For Galvanized Steel, Add</i>	4.23	
05 12 23 00-0728	LF	3" Diameter x 0.065" Round Steel Tubing	12.03	2.85
		<i>For >100 To 250, Deduct</i>	-0.29	
		<i>For >250 To 500, Deduct</i>	-0.59	
		<i>For >500 To 1,000, Deduct</i>	-0.98	
		<i>For >1,000, Deduct</i>	-1.38	
		<i>For Galvanized Steel, Add</i>	5.10	
05 12 23 00-0729	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	14.09	3.34
		<i>For >100 To 250, Deduct</i>	-0.33	
		<i>For >250 To 500, Deduct</i>	-0.69	
		<i>For >500 To 1,000, Deduct</i>	-1.15	
		<i>For >1,000, Deduct</i>	-1.61	
		<i>For Galvanized Steel, Add</i>	5.98	
05 12 23 00-0730	LF	4" Diameter x 0.065" Round Steel Tubing	16.13	3.82
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.79	
		<i>For >500 To 1,000, Deduct</i>	-1.32	
		<i>For >1,000, Deduct</i>	-1.85	
		<i>For Galvanized Steel, Add</i>	6.84	
05 12 23 00-0731		0.083" Wall Thickness (05 12 23 00-0721)		
05 12 23 00-0732	LF	1" Diameter x 0.083" Round Steel Tubing	4.17	1.00
		<i>For >100 To 250, Deduct</i>	-0.10	
		<i>For >250 To 500, Deduct</i>	-0.20	
		<i>For >500 To 1,000, Deduct</i>	-0.34	
		<i>For >1,000, Deduct</i>	-0.48	
		<i>For Galvanized Steel, Add</i>	1.76	
05 12 23 00-0733	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	5.30	1.27
		<i>For >100 To 250, Deduct</i>	-0.13	
		<i>For >250 To 500, Deduct</i>	-0.26	
		<i>For >500 To 1,000, Deduct</i>	-0.43	
		<i>For >1,000, Deduct</i>	-0.61	
		<i>For Galvanized Steel, Add</i>	2.24	
05 12 23 00-0734	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	6.43	1.54
		<i>For >100 To 250, Deduct</i>	-0.15	
		<i>For >250 To 500, Deduct</i>	-0.31	
		<i>For >500 To 1,000, Deduct</i>	-0.53	
		<i>For >1,000, Deduct</i>	-0.74	
		<i>For Galvanized Steel, Add</i>	2.72	
05 12 23 00-0735	LF	2" Diameter x 0.083" Round Steel Tubing	8.71	2.08
		<i>For >100 To 250, Deduct</i>	-0.21	
		<i>For >250 To 500, Deduct</i>	-0.43	
		<i>For >500 To 1,000, Deduct</i>	-0.71	
		<i>For >1,000, Deduct</i>	-1.00	
		<i>For Galvanized Steel, Add</i>	3.68	
05 12 23 00-0736	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	10.98	2.63
		<i>For >100 To 250, Deduct</i>	-0.26	
		<i>For >250 To 500, Deduct</i>	-0.54	
		<i>For >500 To 1,000, Deduct</i>	-0.90	
		<i>For >1,000, Deduct</i>	-1.26	
		<i>For Galvanized Steel, Add</i>	4.64	
05 12 23 00-0737	LF	3" Diameter x 0.083" Round Steel Tubing	13.25	3.17
		<i>For >100 To 250, Deduct</i>	-0.32	
		<i>For >250 To 500, Deduct</i>	-0.65	
		<i>For >500 To 1,000, Deduct</i>	-1.08	
		<i>For >1,000, Deduct</i>	-1.52	
		<i>For Galvanized Steel, Add</i>	5.60	
05 12 23 00-0738	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	15.51	3.70
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.76	
		<i>For >500 To 1,000, Deduct</i>	-1.27	
		<i>For >1,000, Deduct</i>	-1.78	
		<i>For Galvanized Steel, Add</i>	6.55	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0739	LF 4" Diameter x 0.083" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		17.78 -0.42 -0.87 -1.46 -2.04 7.51	4.25
05 12 23 00-0740	0.125" Wall Thickness (05 12 23 00-0721)			
05 12 23 00-0741	LF 2" Diameter x 0.125" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		9.32 -0.26 -0.50 -0.82 -1.14 3.61	2.63
05 12 23 00-0742	LF 2-1/2" Diameter x 0.125" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		11.81 -0.33 -0.63 -1.03 -1.44 4.57	3.33
05 12 23 00-0743	LF 3" Diameter x 0.125" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		14.29 -0.40 -0.76 -1.25 -1.74 5.54	4.02
05 12 23 00-0744	LF 3-1/2" Diameter x 0.125" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		16.78 -0.47 -0.89 -1.47 -2.05 6.50	4.73
05 12 23 00-0745	LF 4" Diameter x 0.125" Round Steel Tubing <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Galvanized Steel, Add</i>		19.26 -0.54 -1.02 -1.69 -2.35 7.46	5.42
05 12 23 00-0746	Flat Steel Bar (05 12 23 00-0408)			
05 12 23 00-0747	1/8" Thick (05 12 23 00-0746)			
05 12 23 00-0748	LF 1/8" Thick x 1" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		2.50 0.33	1.31
05 12 23 00-0749	LF 1/8" Thick x 2" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		3.85 0.56	1.96
05 12 23 00-0750	LF 1/8" Thick x 4" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		5.78 1.02	2.76
05 12 23 00-0751	LF 1/8" Thick x 6" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		7.84 1.38	3.75
05 12 23 00-0752	3/16" Thick (05 12 23 00-0746)			
05 12 23 00-0753	LF 3/16" Thick x 1" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		3.26 0.51	1.62
05 12 23 00-0754	LF 3/16" Thick x 2" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		5.08 0.89	2.43
05 12 23 00-0755	LF 3/16" Thick x 4" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		6.60 1.49	2.80
05 12 23 00-0756	LF 3/16" Thick x 6" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		9.15 2.07	3.88
05 12 23 00-0757	1/4" Thick (05 12 23 00-0746)			
05 12 23 00-0758	LF 1/4" Thick x 1" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		3.40 0.51	1.72
05 12 23 00-0759	LF 1/4" Thick x 2" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		5.52 1.03	2.58
05 12 23 00-0760	LF 1/4" Thick x 4" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		7.62 1.99	2.94
05 12 23 00-0761	LF 1/4" Thick x 6" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		11.07 2.81	4.35
05 12 23 00-0762	3/8" Thick (05 12 23 00-0746)			
05 12 23 00-0763	LF 3/8" Thick x 1" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		4.18 0.79	1.93
05 12 23 00-0764	LF 3/8" Thick x 2" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		6.72 1.47	2.89
05 12 23 00-0765	LF 3/8" Thick x 4" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		9.70 2.94	3.30
05 12 23 00-0766	LF 3/8" Thick x 6" Wide Flat Steel Bar <i>For Galvanized Steel, Add</i>		14.01 4.14	4.89
05 12 23 00-0767	1/2" Thick (05 12 23 00-0746)			

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0768	LF	1/2" Thick x 1" Wide Flat Steel Bar	4.84	2.11
		<i>For Galvanized Steel, Add</i>	1.02	
05 12 23 00-0769	LF	1/2" Thick x 2" Wide Flat Steel Bar	7.81	3.19
		<i>For Galvanized Steel, Add</i>	1.88	
05 12 23 00-0770	LF	1/2" Thick x 4" Wide Flat Steel Bar	10.60	3.62
		<i>For Galvanized Steel, Add</i>	3.19	
05 12 23 00-0771	LF	1/2" Thick x 6" Wide Flat Steel Bar	18.35	5.38
		<i>For Galvanized Steel, Add</i>	6.37	
05 12 23 00-0772		Flat Steel Plate <small>(05 12 23 00-0406)</small>		
05 12 23 00-0773	SF	1/8" Thick Flat Steel Plate	12.32	5.62
		<i>For 316 Stainless Steel, Add</i>	12.42	
		<i>For Aluminum, Add</i>	0.70	
		<i>For Galvanized Steel, Add</i>	2.41	
		<i>For 304 Stainless Steel, Add</i>	11.06	
05 12 23 00-0774	SF	3/16" Thick Flat Steel Plate	13.58	5.81
		<i>For 316 Stainless Steel, Add</i>	15.52	
		<i>For Aluminum, Add</i>	0.87	
		<i>For Galvanized Steel, Add</i>	3.01	
		<i>For 304 Stainless Steel, Add</i>	13.82	
05 12 23 00-0775	SF	1/4" Thick Flat Steel Plate	15.98	6.52
		<i>For 316 Stainless Steel, Add</i>	19.81	
		<i>For Aluminum, Add</i>	1.11	
		<i>For Galvanized Steel, Add</i>	3.84	
		<i>For 304 Stainless Steel, Add</i>	17.64	
05 12 23 00-0776	SF	3/8" Thick Flat Steel Plate	20.72	7.33
		<i>For 316 Stainless Steel, Add</i>	31.07	
		<i>For Aluminum, Add</i>	1.75	
		<i>For Galvanized Steel, Add</i>	6.02	
		<i>For 304 Stainless Steel, Add</i>	27.67	
05 12 23 00-0777	SF	1/2" Thick Flat Steel Plate	24.21	8.07
		<i>For 316 Stainless Steel, Add</i>	38.72	
		<i>For Aluminum, Add</i>	2.18	
		<i>For Galvanized Steel, Add</i>	7.50	
		<i>For 304 Stainless Steel, Add</i>	34.49	
05 12 23 00-0778	SF	3/4" Thick Flat Steel Plate	37.84	9.99
		<i>For 316 Stainless Steel, Add</i>	72.64	
		<i>For Aluminum, Add</i>	4.09	
		<i>For Galvanized Steel, Add</i>	14.07	
		<i>For 304 Stainless Steel, Add</i>	64.70	
05 12 23 00-0779	SF	1" Thick Flat Steel Plate	50.00	12.48
		<i>For 316 Stainless Steel, Add</i>	99.46	
		<i>For Aluminum, Add</i>	5.59	
		<i>For Galvanized Steel, Add</i>	19.27	
		<i>For 304 Stainless Steel, Add</i>	88.58	

05 14 Structural Aluminum Framing (05 10)**05 14 13 Architecturally-Exposed Structural Aluminum Framing** (05 14)**05 14 13 00-0001 Rolled Or Plate Shapes** (05 14 13)

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	5.89	0.72
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	5.22	0.66

05 14 13 00-0004 Aluminum Extrusions (05 14 13)

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	10.29	2.98
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	10.83	2.98

05 14 13 00-0007 Aluminum Tubing (05 14 13)

05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	11.66	3.16
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	13.08	5.13
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	15.14	5.59
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	17.49	6.53
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	19.92	6.99
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	45.05	8.85
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	37.65	7.93

05 14 13 00-0015 Columns (05 14 13)

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns (05 14 13 00-0015)

05 14 13 00-0017	LF	6" Diameter Aluminum Column	35.92	6.05
05 14 13 00-0018	LF	8" Diameter Aluminum Column	47.75	8.65
05 14 13 00-0019	LF	10" Diameter Aluminum Column	57.87	9.74
05 14 13 00-0020	LF	12" Diameter Aluminum Column	84.74	10.19
05 14 13 00-0021	LF	15" Diameter Aluminum Column	107.62	11.81
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	69.06	11.27
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	78.70	12.17
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	98.51	13.52
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	166.17	14.42
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	251.54	15.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 14 13 00-0027 **Octagonal Columns** (05 14 13 00-0015)

05 14 13 00-0028	LF	6" Diameter Aluminum Column	39.39	6.05
05 14 13 00-0029	LF	8" Diameter Aluminum Column	53.84	8.65
05 14 13 00-0030	LF	10" Diameter Aluminum Column	65.55	9.74
05 14 13 00-0031	LF	12" Diameter Aluminum Column	97.63	10.19
05 14 13 00-0032	LF	15" Diameter Aluminum Column	124.43	11.81
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	78.36	11.27
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	89.58	12.17
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	112.80	13.52
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	193.63	14.42
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	295.53	15.78

05 14 13 00-0038 **Fluted Columns** (05 14 13 00-0015)

05 14 13 00-0039	LF	6" Diameter Aluminum Column	43.50	6.05
05 14 13 00-0040	LF	8" Diameter Aluminum Column	59.31	8.65
05 14 13 00-0041	LF	10" Diameter Aluminum Column	72.46	9.74
05 14 13 00-0042	LF	12" Diameter Aluminum Column	109.23	10.19
05 14 13 00-0043	LF	15" Diameter Aluminum Column	139.56	11.81
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	86.73	11.27
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	99.36	12.17
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	125.66	13.52
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	218.35	14.42
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	335.13	15.78

05 14 13 00-0049 **Square Columns** (05 14 13 00-0015)

05 14 13 00-0050	LF	6" Aluminum Column	46.31	6.05
05 14 13 00-0051	LF	8" Aluminum Column	63.05	8.65
05 14 13 00-0052	LF	10" Aluminum Column	77.19	9.74
05 14 13 00-0053	LF	12" Aluminum Column	117.17	10.19
05 14 13 00-0054	LF	15" Aluminum Column	149.91	11.81
05 14 13 00-0055	EA	6" Aluminum Base And Cap	92.46	11.27
05 14 13 00-0056	EA	8" Aluminum Base And Cap	106.05	12.17
05 14 13 00-0057	EA	10" Aluminum Base And Cap	134.46	13.52
05 14 13 00-0058	EA	12" Aluminum Base And Cap	235.25	14.42
05 14 13 00-0059	EA	15" Aluminum Base And Cap	362.21	15.78

05 14 13 00-0060 **Ornamental Or Decorative Cap And Bases** (05 14 13 00-0015)

05 14 13 00-0061	EA	8" Corinthian Capital And Base	500.63	13.52
05 14 13 00-0062	EA	10" Corinthian Capital And Base	734.85	15.78
05 14 13 00-0063	EA	12" Corinthian Capital And Base	1,159.31	18.03
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	251.70	13.52
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	336.15	15.78
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	669.94	18.03

05 15 Wire Rope Assemblies (05 10)

05 15 16 Steel Wire Rope Assemblies (05 15)

05 15 16 00-0001 **6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** (05 15 16)

05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	0.99	0.09
		<i>For >500, Deduct</i>	-0.17	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.34	0.09
		<i>For >500, Deduct</i>	-0.22	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.61	0.19
		<i>For >500, Deduct</i>	-0.25	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.97	0.19
		<i>For >500, Deduct</i>	-0.30	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.31	0.28
		<i>For >500, Deduct</i>	-0.33	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.85	0.37
		<i>For >500, Deduct</i>	-0.41	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.42	0.37
		<i>For >500, Deduct</i>	-0.48	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.76	0.65
		<i>For >500, Deduct</i>	-0.66	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.42	0.74
		<i>For >500, Deduct</i>	-0.88	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.05	1.03
		<i>For >500, Deduct</i>	-1.08	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.96		1.31
		<i>For >500, Deduct</i>	-1.34		
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	12.14		1.59
		<i>For >500, Deduct</i>	-1.63		
05 15 16 00-0014		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope ^(05 15 16)			
05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.15		0.09
		<i>For >500, Deduct</i>	-0.20		
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.50		0.09
		<i>For >500, Deduct</i>	-0.25		
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.88		0.19
		<i>For >500, Deduct</i>	-0.30		
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.17		0.19
		<i>For >500, Deduct</i>	-0.34		
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.61		0.28
		<i>For >500, Deduct</i>	-0.39		
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.05		0.37
		<i>For >500, Deduct</i>	-0.45		
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.58		0.37
		<i>For >500, Deduct</i>	-0.51		
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.24		0.65
		<i>For >500, Deduct</i>	-0.75		
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	6.78		0.74
		<i>For >500, Deduct</i>	-0.96		
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	8.38		1.03
		<i>For >500, Deduct</i>	-1.16		
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	10.74		1.31
		<i>For >500, Deduct</i>	-1.48		
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	13.04		1.59
		<i>For >500, Deduct</i>	-1.81		
05 15 16 00-0027		6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope ^(05 15 16)			
05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	0.93		0.09
		<i>For >500, Deduct</i>	-0.15		
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.26		0.09
		<i>For >500, Deduct</i>	-0.20		
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.53		0.19
		<i>For >500, Deduct</i>	-0.23		
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.82		0.19
		<i>For >500, Deduct</i>	-0.27		
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.22		0.28
		<i>For >500, Deduct</i>	-0.32		
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.81		0.37
		<i>For >500, Deduct</i>	-0.40		
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.31		0.37
		<i>For >500, Deduct</i>	-0.46		
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.65		0.65
		<i>For >500, Deduct</i>	-0.64		
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	5.79		0.74
		<i>For >500, Deduct</i>	-0.76		
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	7.39		1.03
		<i>For >500, Deduct</i>	-0.95		
05 15 16 00-0038		6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope ^(05 15 16)			
05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	0.92		0.09
		<i>For >500, Deduct</i>	-0.15		
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.22		0.09
		<i>For >500, Deduct</i>	-0.19		
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.53		0.19
		<i>For >500, Deduct</i>	-0.23		
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.82		0.19
		<i>For >500, Deduct</i>	-0.27		
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.30		0.28
		<i>For >500, Deduct</i>	-0.33		
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.77		0.37
		<i>For >500, Deduct</i>	-0.39		
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.47		0.37
		<i>For >500, Deduct</i>	-0.49		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 15 16 00-0046	LF		3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope..... <i>For >500, Deduct</i>	4.85 -0.68	0.65
	05 15 16 00-0047	LF		7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope..... <i>For >500, Deduct</i>	6.38 -0.88	0.74
	05 15 16 00-0048	LF		1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope..... <i>For >500, Deduct</i>	7.91 -1.06	1.03
05 15 16 00-0049				6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope ^(05 15 16)		
	05 15 16 00-0050	LF		3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	1.71 -0.27	0.19
	05 15 16 00-0051	LF		7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	2.03 -0.31	0.19
	05 15 16 00-0052	LF		1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	2.41 -0.35	0.28
	05 15 16 00-0053	LF		9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	3.23 -0.48	0.37
	05 15 16 00-0054	LF		5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	3.61 -0.52	0.37
	05 15 16 00-0055	LF		3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	4.94 -0.69	0.65
	05 15 16 00-0056	LF		7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	6.40 -0.88	0.74
	05 15 16 00-0057	LF		1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	8.43 -1.16	1.03
	05 15 16 00-0058	LF		1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	10.24 -1.39	1.31
	05 15 16 00-0059	LF		1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	12.38 -1.68	1.59
05 15 16 00-0060				6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope ^(05 15 16)		
	05 15 16 00-0061	LF		3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	1.75 -0.28	0.19
	05 15 16 00-0062	LF		7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	2.14 -0.33	0.19
	05 15 16 00-0063	LF		1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	2.56 -0.38	0.28
	05 15 16 00-0064	LF		9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	3.55 -0.55	0.37
	05 15 16 00-0065	LF		5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	3.66 -0.53	0.37
	05 15 16 00-0066	LF		3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	5.05 -0.72	0.65
	05 15 16 00-0067	LF		7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	6.72 -0.94	0.74
	05 15 16 00-0068	LF		1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... <i>For >500, Deduct</i>	8.54 -1.18	1.03
05 15 16 00-0069				19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope ^(05 15 16)		
	05 15 16 00-0070	LF		1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope..... <i>For >500, Deduct</i>	1.73 -0.31	0.09
	05 15 16 00-0071	LF		5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope..... <i>For >500, Deduct</i>	1.89 -0.33	0.09
	05 15 16 00-0072	LF		3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope..... <i>For >500, Deduct</i>	2.25 -0.38	0.19
	05 15 16 00-0073	LF		7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope..... <i>For >500, Deduct</i>	3.02 -0.51	0.19
	05 15 16 00-0074	LF		1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope..... <i>For >500, Deduct</i>	3.42 -0.59	0.19

05 Metals
05 10 Structural Metal Framing
05 15 Wire Rope Assemblies

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0075	LF		9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.06	0.37
			<i>For >500, Deduct</i>	-0.65	
05 15 16 00-0076	LF		5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.84	0.37
			<i>For >500, Deduct</i>	-0.77	
05 15 16 00-0077	LF		3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.68	0.56
			<i>For >500, Deduct</i>	-1.05	
05 15 16 00-0078			7x7, Galvanized Finish, Aircraft Cable (05 15 16)		
05 15 16 00-0079	LF		1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.23	0.06
			<i>For >500, Deduct</i>	-0.03	
05 15 16 00-0080	LF		3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.26	0.07
			<i>For >500, Deduct</i>	-0.03	
05 15 16 00-0081	LF		1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.30	0.08
			<i>For >500, Deduct</i>	-0.03	
05 15 16 00-0082	LF		5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.34	0.09
			<i>For >500, Deduct</i>	-0.04	
05 15 16 00-0083	LF		3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.41	0.09
			<i>For >500, Deduct</i>	-0.05	
05 15 16 00-0084			7x19, Galvanized Finish, Aircraft Cable (05 15 16)		
05 15 16 00-0085	LF		1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.39	0.08
			<i>For >500, Deduct</i>	-0.05	
05 15 16 00-0086	LF		5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.42	0.09
			<i>For >500, Deduct</i>	-0.05	
05 15 16 00-0087	LF		3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.49	0.09
			<i>For >500, Deduct</i>	-0.06	
05 15 16 00-0088	LF		1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.56	0.09
			<i>For >500, Deduct</i>	-0.08	
05 15 16 00-0089	LF		5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.84	0.09
			<i>For >500, Deduct</i>	-0.12	
05 15 16 00-0090	LF		3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.14	0.09
			<i>For >500, Deduct</i>	-0.16	
05 15 16 00-0091			Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)		
05 15 16 00-0092	EA		1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	11.39	2.80
05 15 16 00-0093	EA		5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	12.67	2.80
05 15 16 00-0094	EA		3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	14.08	2.80
05 15 16 00-0095	EA		7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.97	2.80
05 15 16 00-0096	EA		1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.99	2.80
05 15 16 00-0097	EA		9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.99	2.80
05 15 16 00-0098	EA		5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	19.30	2.80
05 15 16 00-0099	EA		3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	34.72	4.29
05 15 16 00-0100	EA		7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	41.09	5.22
05 15 16 00-0101	EA		1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	72.62	8.58
05 15 16 00-0102	EA		1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	103.78	11.65
05 15 16 00-0103	EA		1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	103.78	11.65
05 15 16 00-0104			Galvanized Steel, Wire Rope Clips (05 15 16)		
05 15 16 00-0105	EA		1/8" Diameter, Galvanized Steel, Wire Rope Clip	14.25	2.80
05 15 16 00-0106	EA		3/16" Diameter, Galvanized Steel, Wire Rope Clip	14.55	2.80
05 15 16 00-0107	EA		1/4" Diameter, Galvanized Steel, Wire Rope Clip	16.63	2.80
05 15 16 00-0108	EA		5/16" Diameter, Galvanized Steel, Wire Rope Clip	16.96	2.80
05 15 16 00-0109	EA		3/8" Diameter, Galvanized Steel, Wire Rope Clip	17.42	2.80
05 15 16 00-0110	EA		7/16" Diameter, Galvanized Steel, Wire Rope Clip	21.89	2.80
05 15 16 00-0111	EA		1/2" Diameter, Galvanized Steel, Wire Rope Clip	22.24	2.80
05 15 16 00-0112	EA		9/16" Diameter, Galvanized Steel, Wire Rope Clip	25.46	2.80
05 15 16 00-0113	EA		5/8" Diameter, Galvanized Steel, Wire Rope Clip	25.93	2.80
05 15 16 00-0114	EA		3/4" Diameter, Galvanized Steel, Wire Rope Clip	35.53	3.73
05 15 16 00-0115	EA		7/8" Diameter, Galvanized Steel, Wire Rope Clip	53.13	5.59
05 15 16 00-0116	EA		1" Diameter, Galvanized Steel, Wire Rope Clip	58.43	5.59
05 15 16 00-0117	EA		1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	68.64	7.45
05 15 16 00-0118	EA		1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	99.70	11.19
05 15 16 00-0119			Steel, Open Swage Sockets (05 15 16)		
05 15 16 00-0120	EA		1/4" Diameter, Steel, Open Swage Socket	65.53	2.80
05 15 16 00-0121	EA		5/16" Diameter, Steel, Open Swage Socket	103.77	2.80
05 15 16 00-0122	EA		3/8" Diameter, Steel, Open Swage Socket	107.47	3.73
05 15 16 00-0123	EA		7/16" Diameter, Steel, Open Swage Socket	128.23	4.66
05 15 16 00-0124	EA		1/2" Diameter, Steel, Open Swage Socket	128.23	4.66
05 15 16 00-0125	EA		9/16" Diameter, Steel, Open Swage Socket	189.95	10.25
05 15 16 00-0126	EA		5/8" Diameter, Steel, Open Swage Socket	189.95	10.25
05 15 16 00-0127	EA		3/4" Diameter, Steel, Open Swage Socket	246.78	19.58
05 15 16 00-0128	EA		7/8" Diameter, Steel, Open Swage Socket	333.07	27.97
05 15 16 00-0129	EA		1" Diameter, Steel, Open Swage Socket	471.49	42.89
05 15 16 00-0130	EA		1-1/8" Diameter, Steel, Open Swage Socket	626.73	67.12
05 15 16 00-0131	EA		1-1/4" Diameter, Steel, Open Swage Socket	729.81	77.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 15 16 00-0132 Steel, Closed Swage Sockets <small>(05 15 16)</small>			
05 15 16 00-0133	EA 1/4" Diameter, Steel, Closed Swage Socket.....	53.03	2.80
05 15 16 00-0134	EA 5/16" Diameter, Steel, Closed Swage Socket.....	71.21	2.80
05 15 16 00-0135	EA 3/8" Diameter, Steel, Closed Swage Socket.....	71.21	2.80
05 15 16 00-0136	EA 7/16" Diameter, Steel, Closed Swage Socket.....	89.06	3.73
05 15 16 00-0137	EA 1/2" Diameter, Steel, Closed Swage Socket.....	90.09	3.73
05 15 16 00-0138	EA 9/16" Diameter, Steel, Closed Swage Socket.....	124.80	6.53
05 15 16 00-0139	EA 5/8" Diameter, Steel, Closed Swage Socket.....	129.24	7.45
05 15 16 00-0140	EA 3/4" Diameter, Steel, Closed Swage Socket.....	161.23	12.12
05 15 16 00-0141	EA 7/8" Diameter, Steel, Closed Swage Socket.....	209.93	17.72
05 15 16 00-0142	EA 1" Diameter, Steel, Closed Swage Socket.....	300.17	24.23
05 15 16 00-0143	EA 1-1/8" Diameter, Steel, Closed Swage Socket.....	374.02	33.56
05 15 16 00-0144	EA 1-1/4" Diameter, Steel, Closed Swage Socket.....	511.61	52.20

05 15 16 00-0145 Galvanized Steel, Open Spelter Sockets <small>(05 15 16)</small>			
05 15 16 00-0146	EA 1/4" Galvanized Steel, Open Spelter Socket.....	108.64	2.80
05 15 16 00-0147	EA 5/16" Galvanized Steel, Open Spelter Socket.....	111.89	2.80
05 15 16 00-0148	EA 3/8" Galvanized Steel, Open Spelter Socket.....	111.89	2.80
05 15 16 00-0149	EA 7/16" Galvanized Steel, Open Spelter Socket.....	126.37	5.59
05 15 16 00-0150	EA 1/2" Galvanized Steel, Open Spelter Socket.....	126.37	5.59
05 15 16 00-0151	EA 9/16" Galvanized Steel, Open Spelter Socket.....	167.25	9.33
05 15 16 00-0152	EA 5/8" Galvanized Steel, Open Spelter Socket.....	167.25	9.33
05 15 16 00-0153	EA 3/4" Galvanized Steel, Open Spelter Socket.....	213.36	13.98
05 15 16 00-0154	EA 7/8" Galvanized Steel, Open Spelter Socket.....	320.70	23.31
05 15 16 00-0155	EA 1" Galvanized Steel, Open Spelter Socket.....	578.80	36.36
05 15 16 00-0156	EA 1-1/8" Galvanized Steel, Open Spelter Socket.....	691.27	58.73
05 15 16 00-0157	EA 1-1/4" Galvanized Steel, Open Spelter Socket.....	933.64	77.37

05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets <small>(05 15 16)</small>			
05 15 16 00-0159	EA 1/4" Galvanized Steel, Closed Spelter Socket.....	91.34	2.80
05 15 16 00-0160	EA 5/16" Galvanized Steel, Closed Spelter Socket.....	91.73	2.80
05 15 16 00-0161	EA 3/8" Galvanized Steel, Closed Spelter Socket.....	91.73	2.80
05 15 16 00-0162	EA 7/16" Galvanized Steel, Closed Spelter Socket.....	103.86	4.66
05 15 16 00-0163	EA 1/2" Galvanized Steel, Closed Spelter Socket.....	103.86	4.66
05 15 16 00-0164	EA 9/16" Galvanized Steel, Closed Spelter Socket.....	146.76	8.39
05 15 16 00-0165	EA 5/8" Galvanized Steel, Closed Spelter Socket.....	146.76	8.39
05 15 16 00-0166	EA 3/4" Galvanized Steel, Closed Spelter Socket.....	181.63	12.12
05 15 16 00-0167	EA 7/8" Galvanized Steel, Closed Spelter Socket.....	265.69	18.64
05 15 16 00-0168	EA 1" Galvanized Steel, Closed Spelter Socket.....	401.90	28.90
05 15 16 00-0169	EA 1-1/8" Galvanized Steel, Closed Spelter Socket.....	526.60	39.15
05 15 16 00-0170	EA 1-1/4" Galvanized Steel, Closed Spelter Socket.....	665.38	52.20

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles <small>(05 15 16)</small>			
05 15 16 00-0172	EA 1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle.....	63.30	2.80
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-8.10	
05 15 16 00-0173	EA 5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle.....	67.79	2.80
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-8.77	
05 15 16 00-0174	EA 3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	76.11	2.80
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-10.02	
05 15 16 00-0175	EA 1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	85.13	3.73
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-10.42	
05 15 16 00-0176	EA 1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	111.88	4.66
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-13.87	
05 15 16 00-0177	EA 1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	127.15	5.59
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.70	
05 15 16 00-0178	EA 5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	130.28	7.45
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.24	
05 15 16 00-0179	EA 5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	160.55	7.45
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-19.42	
05 15 16 00-0180	EA 5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	182.01	8.39
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-22.31	
05 15 16 00-0181	EA 3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	175.82	10.25
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-20.42	
05 15 16 00-0182	EA 3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	200.70	12.12
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-22.75	
05 15 16 00-0183	EA 3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	246.83	13.05
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-29.03	
05 15 16 00-0184	EA 3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	296.98	15.84
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-34.90	
05 15 16 00-0185	EA 7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	340.23	22.37
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-37.72	
05 15 16 00-0186	EA 7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	412.09	26.11
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-46.28	
05 15 16 00-0187	EA 1" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	352.95	22.37
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-39.62	
05 15 16 00-0188	EA 1" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	405.96	28.90
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-43.41	
05 15 16 00-0189	EA 1" x 18", Forged Steel, Jaw And Jaw Turnbuckle.....	554.34	36.36
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-61.64	
05 15 16 00-0190	EA 1" x 24", Forged Steel, Jaw And Jaw Turnbuckle.....	621.18	42.89
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-67.75	
05 15 16 00-0191	EA 1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	694.74	52.20
	For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-73.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 15 19 00-0010 LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.69	0.09
<i>For >500, Deduct</i>	-0.10	
05 15 19 00-0011 LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.89	0.09
<i>For >500, Deduct</i>	-0.15	
05 15 19 00-0012 LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	1.35	0.09
<i>For >500, Deduct</i>	-0.22	
05 15 19 00-0013 LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	2.03	0.19
<i>For >500, Deduct</i>	-0.33	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable (05 15 19)

05 15 19 00-0015 LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.26	0.06
<i>For >500, Deduct</i>	-0.03	
05 15 19 00-0016 LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.33	0.07
<i>For >500, Deduct</i>	-0.04	
05 15 19 00-0017 LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.45	0.08
<i>For >500, Deduct</i>	-0.06	
05 15 19 00-0018 LF 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.58	0.09
<i>For >500, Deduct</i>	-0.09	
05 15 19 00-0019 LF 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.73	0.09
<i>For >500, Deduct</i>	-0.11	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable (05 15 19)

05 15 19 00-0021 LF 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.51	0.08
<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0022 LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.59	0.09
<i>For >500, Deduct</i>	-0.09	
05 15 19 00-0023 LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.69	0.09
<i>For >500, Deduct</i>	-0.10	
05 15 19 00-0024 LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.89	0.09
<i>For >500, Deduct</i>	-0.15	
05 15 19 00-0025 LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.35	0.09
<i>For >500, Deduct</i>	-0.22	
05 15 19 00-0026 LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	2.03	0.09
<i>For >500, Deduct</i>	-0.33	

05 20 Metal Joists (05)

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing (05 20)

05 21 19 Open Web Steel Joist Framing (05 21)

05 21 19 00-0001 TON H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,476.67	158.23
<i>For Welded Cross Bridging, Add</i>	197.78	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	218.09	
05 21 19 00-0002 TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....	2,273.60	148.34
<i>For Welded Cross Bridging, Add</i>	175.81	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	202.51	
05 21 19 00-0003 TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,747.32	148.34
<i>For Welded Cross Bridging, Add</i>	182.57	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	256.65	
05 21 19 00-0004 TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging.....	3,127.54	148.34
<i>For Welded Cross Bridging, Add</i>	182.57	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	302.28	
05 21 19 00-0005 TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,750.50	148.34
<i>For Welded Cross Bridging, Add</i>	197.78	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	250.95	
05 21 19 00-0006 TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....	3,460.24	148.34
<i>For Welded Cross Bridging, Add</i>	182.57	
<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	342.20	

05 30 Metal Decking (05)

Note: Includes all connecting bolts and welds.

05 31 Steel Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking (05 31)

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck (05 31 13)

05 31 13 00-0002 SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.35	
<i>For Painted, Deduct</i>	-0.12	
<i>For Perforated Or Slotted, Add</i>	0.12	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.92	
<i>For Up To 100, Add</i>	1.28	
<i>For >100 To 500, Add</i>	0.65	
<i>For >500 To 1,500, Add</i>	0.26	
05 31 13 00-0003 SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.83	
<i>For Painted, Deduct</i>	-0.13	
<i>For Perforated Or Slotted, Add</i>	0.13	
<i>For Site Installed Insulation Between Ribs, Add</i>	1.05	
<i>For Up To 100, Add</i>	1.49	
<i>For >100 To 500, Add</i>	0.75	
<i>For >500 To 1,500, Add</i>	0.31	

05	Metals
05 30	Metal Decking
05 31	Steel Decking

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31	13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.78	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.31	
			<i>For Up To 100, Add</i>	1.82	
			<i>For >100 To 500, Add</i>	0.93	
			<i>For >500 To 1,500, Add</i>	0.37	
05 31	13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.69	
			<i>For Painted, Deduct</i>	-0.13	
			<i>For Perforated Or Slotted, Add</i>	0.13	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.01	
			<i>For Up To 100, Add</i>	1.43	
			<i>For >100 To 500, Add</i>	0.72	
			<i>For >500 To 1,500, Add</i>	0.30	
05 31	13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	4.25	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.16	
			<i>For Up To 100, Add</i>	1.65	
			<i>For >100 To 500, Add</i>	0.83	
			<i>For >500 To 1,500, Add</i>	0.34	
05 31	13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	5.31	
			<i>For Painted, Deduct</i>	-0.18	
			<i>For Perforated Or Slotted, Add</i>	0.18	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.45	
			<i>For Up To 100, Add</i>	2.03	
			<i>For >100 To 500, Add</i>	1.03	
			<i>For >500 To 1,500, Add</i>	0.42	
05 31	13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.14	0.63
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.13	
			<i>For Up To 100, Add</i>	1.54	
			<i>For >100 To 500, Add</i>	0.79	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31	13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	4.79	0.71
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.30	
			<i>For Up To 100, Add</i>	1.76	
			<i>For >100 To 500, Add</i>	0.91	
			<i>For >500 To 1,500, Add</i>	0.36	
05 31	13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	5.97	0.87
			<i>For Painted, Deduct</i>	-0.21	
			<i>For Perforated Or Slotted, Add</i>	0.21	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.63	
			<i>For Up To 100, Add</i>	2.17	
			<i>For >100 To 500, Add</i>	1.12	
			<i>For >500 To 1,500, Add</i>	0.44	
05 31	13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	7.20	0.87
			<i>For Painted, Deduct</i>	-0.27	
			<i>For Perforated Or Slotted, Add</i>	0.27	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.93	
			<i>For Up To 100, Add</i>	2.30	
			<i>For >100 To 500, Add</i>	1.25	
			<i>For >500 To 1,500, Add</i>	0.44	
05 31	13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.59	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.25	
			<i>For Up To 100, Add</i>	1.65	
			<i>For >100 To 500, Add</i>	0.86	
			<i>For >500 To 1,500, Add</i>	0.33	
05 31	13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	5.33	
			<i>For Painted, Deduct</i>	-0.19	
			<i>For Perforated Or Slotted, Add</i>	0.19	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.45	
			<i>For Up To 100, Add</i>	1.87	
			<i>For >100 To 500, Add</i>	0.98	
			<i>For >500 To 1,500, Add</i>	0.37	
05 31	13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	6.62	
			<i>For Painted, Deduct</i>	-0.24	
			<i>For Perforated Or Slotted, Add</i>	0.24	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.79	
			<i>For Up To 100, Add</i>	2.31	
			<i>For >100 To 500, Add</i>	1.21	
			<i>For >500 To 1,500, Add</i>	0.46	
05 31	13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	8.31	
			<i>For Painted, Deduct</i>	-0.30	
			<i>For Perforated Or Slotted, Add</i>	0.30	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.25	
			<i>For Up To 100, Add</i>	2.84	
			<i>For >100 To 500, Add</i>	1.50	
			<i>For >500 To 1,500, Add</i>	0.56	
05 31	13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	11.68	
			<i>For Painted, Deduct</i>	-0.48	
			<i>For Perforated Or Slotted, Add</i>	0.48	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.07	
			<i>For Up To 100, Add</i>	2.99	
			<i>For >100 To 500, Add</i>	1.77	
			<i>For >500 To 1,500, Add</i>	0.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

05 31 13 00-0017	SF		4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	14.73	
			<i>For Painted, Deduct</i>	-0.61	
			<i>For Perforated Or Slotted, Add</i>	0.61	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.87	
			<i>For Up To 100, Add</i>	3.68	
			<i>For >100 To 500, Add</i>	2.21	
			<i>For >500 To 1,500, Add</i>	0.61	
05 31 13 00-0018	SF		6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	13.13	
			<i>For Painted, Deduct</i>	-0.57	
			<i>For Perforated Or Slotted, Add</i>	0.57	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.42	
			<i>For Up To 100, Add</i>	2.92	
			<i>For >100 To 500, Add</i>	1.85	
			<i>For >500 To 1,500, Add</i>	0.45	
05 31 13 00-0019	SF		6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	13.95	
			<i>For Painted, Deduct</i>	-0.59	
			<i>For Perforated Or Slotted, Add</i>	0.59	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.66	
			<i>For Up To 100, Add</i>	3.40	
			<i>For >100 To 500, Add</i>	2.06	
			<i>For >500 To 1,500, Add</i>	0.56	
05 31 13 00-0020	SF		6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	17.39	
			<i>For Painted, Deduct</i>	-0.73	
			<i>For Perforated Or Slotted, Add</i>	0.73	
			<i>For Site Installed Insulation Between Ribs, Add</i>	4.55	
			<i>For Up To 100, Add</i>	4.18	
			<i>For >100 To 500, Add</i>	2.55	
			<i>For >500 To 1,500, Add</i>	0.68	
05 31 13 00-0021	SF		7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	15.42	
			<i>For Painted, Deduct</i>	-0.65	
			<i>For Perforated Or Slotted, Add</i>	0.65	
			<i>For Site Installed Insulation Between Ribs, Add</i>	4.04	
			<i>For Up To 100, Add</i>	3.75	
			<i>For >100 To 500, Add</i>	2.28	
			<i>For >500 To 1,500, Add</i>	0.61	
05 31 13 00-0022	SF		7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	19.18	
			<i>For Painted, Deduct</i>	-0.81	
			<i>For Perforated Or Slotted, Add</i>	0.81	
			<i>For Site Installed Insulation Between Ribs, Add</i>	5.02	
			<i>For Up To 100, Add</i>	4.60	
			<i>For >100 To 500, Add</i>	2.81	
			<i>For >500 To 1,500, Add</i>	0.75	

05 31 13 00-0023 Cellular Galvanized Steel Deck (05 31 13)

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF		1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	10.31	
			<i>For Painted, Deduct</i>	-0.42	
			<i>For Perforated Or Slotted, Add</i>	0.42	
			<i>For Insulated Cells, Add</i>	1.90	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.72	
			<i>For Up To 100, Add</i>	2.72	
			<i>For >100 To 500, Add</i>	1.60	
			<i>For >500 To 1,500, Add</i>	0.47	
05 31 13 00-0025	SF		1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	11.42	
			<i>For Painted, Deduct</i>	-0.45	
			<i>For Perforated Or Slotted, Add</i>	0.45	
			<i>For Insulated Cells, Add</i>	2.01	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.04	
			<i>For Up To 100, Add</i>	3.38	
			<i>For >100 To 500, Add</i>	1.89	
			<i>For >500 To 1,500, Add</i>	0.62	
05 31 13 00-0026	SF		1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	12.49	
			<i>For Painted, Deduct</i>	-0.53	
			<i>For Perforated Or Slotted, Add</i>	0.53	
			<i>For Insulated Cells, Add</i>	2.37	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.27	
			<i>For Up To 100, Add</i>	3.01	
			<i>For >100 To 500, Add</i>	1.84	
			<i>For >500 To 1,500, Add</i>	0.49	
05 31 13 00-0027	SF		1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	13.75	
			<i>For Painted, Deduct</i>	-0.56	
			<i>For Perforated Or Slotted, Add</i>	0.56	
			<i>For Insulated Cells, Add</i>	2.50	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.64	
			<i>For Up To 100, Add</i>	3.73	
			<i>For >100 To 500, Add</i>	2.16	
			<i>For >500 To 1,500, Add</i>	0.66	
05 31 13 00-0028	SF		3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	14.40	
			<i>For Painted, Deduct</i>	-0.60	
			<i>For Perforated Or Slotted, Add</i>	0.60	
			<i>For Insulated Cells, Add</i>	2.70	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.78	
			<i>For Up To 100, Add</i>	3.60	
			<i>For >100 To 500, Add</i>	2.16	
			<i>For >500 To 1,500, Add</i>	0.60	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	17.13	
		<i>For Painted, Deduct</i>	-0.72	
		<i>For Perforated Or Slotted, Add</i>	0.72	
		<i>For Insulated Cells, Add</i>	3.24	
		<i>For Site Installed Insulation Between Ribs, Add</i>	4.49	
		<i>For Up To 100, Add</i>	4.19	
		<i>For >100 To 500, Add</i>	2.54	
		<i>For >500 To 1,500, Add</i>	0.69	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	19.17	
		<i>For Painted, Deduct</i>	-0.81	
		<i>For Perforated Or Slotted, Add</i>	0.81	
		<i>For Insulated Cells, Add</i>	3.64	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.02	
		<i>For Up To 100, Add</i>	4.60	
		<i>For >100 To 500, Add</i>	2.81	
		<i>For >500 To 1,500, Add</i>	0.75	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	20.87	
		<i>For Painted, Deduct</i>	-0.88	
		<i>For Perforated Or Slotted, Add</i>	0.88	
		<i>For Insulated Cells, Add</i>	3.94	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.47	
		<i>For Up To 100, Add</i>	5.11	
		<i>For >100 To 500, Add</i>	3.10	
		<i>For >500 To 1,500, Add</i>	0.84	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	21.65	
		<i>For Painted, Deduct</i>	-0.96	
		<i>For Perforated Or Slotted, Add</i>	0.96	
		<i>For Insulated Cells, Add</i>	4.34	
		<i>For Site Installed Insulation Between Ribs, Add</i>	5.59	
		<i>For Up To 100, Add</i>	4.29	
		<i>For >100 To 500, Add</i>	2.87	
		<i>For >500 To 1,500, Add</i>	0.59	
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	23.17	
		<i>For Painted, Deduct</i>	-1.02	
		<i>For Perforated Or Slotted, Add</i>	1.02	
		<i>For Insulated Cells, Add</i>	4.59	
		<i>For Site Installed Insulation Between Ribs, Add</i>	6.01	
		<i>For Up To 100, Add</i>	4.83	
		<i>For >100 To 500, Add</i>	3.15	
		<i>For >500 To 1,500, Add</i>	0.70	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	24.53	
		<i>For Painted, Deduct</i>	-1.08	
		<i>For Perforated Or Slotted, Add</i>	1.08	
		<i>For Insulated Cells, Add</i>	4.84	
		<i>For Site Installed Insulation Between Ribs, Add</i>	6.36	
		<i>For Up To 100, Add</i>	5.17	
		<i>For >100 To 500, Add</i>	3.36	
		<i>For >500 To 1,500, Add</i>	0.76	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	26.16	
		<i>For Painted, Deduct</i>	-1.15	
		<i>For Perforated Or Slotted, Add</i>	1.15	
		<i>For Insulated Cells, Add</i>	5.16	
		<i>For Site Installed Insulation Between Ribs, Add</i>	6.79	
		<i>For Up To 100, Add</i>	5.52	
		<i>For >100 To 500, Add</i>	3.59	
		<i>For >500 To 1,500, Add</i>	0.81	

05 31 23 Steel Roof Decking (05 31)

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking (05 31)**05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck** (05 31 33)

05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.53	
		<i>For Painted, Deduct</i>	-0.09	
		<i>For Perforated Or Slotted, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 500, Add</i>	0.49	
		<i>For >500 To 1,500, Add</i>	0.20	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.69	
		<i>For Painted, Deduct</i>	-0.09	
		<i>For Perforated Or Slotted, Add</i>	0.09	
		<i>For Up To 100, Add</i>	1.02	
		<i>For >100 To 500, Add</i>	0.52	
		<i>For >500 To 1,500, Add</i>	0.21	
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.97	
		<i>For Painted, Deduct</i>	-0.10	
		<i>For Perforated Or Slotted, Add</i>	0.10	
		<i>For Up To 100, Add</i>	1.16	
		<i>For >100 To 500, Add</i>	0.59	
		<i>For >500 To 1,500, Add</i>	0.24	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.21	
		<i>For Painted, Deduct</i>	-0.11	
		<i>For Perforated Or Slotted, Add</i>	0.11	
		<i>For Up To 100, Add</i>	1.30	
		<i>For >100 To 500, Add</i>	0.65	
		<i>For >500 To 1,500, Add</i>	0.27	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.05	
		<i>For Painted, Deduct</i>	-0.11	
		<i>For Perforated Or Slotted, Add</i>	0.11	
		<i>For Up To 100, Add</i>	1.05	
		<i>For >100 To 500, Add</i>	0.55	
		<i>For >500 To 1,500, Add</i>	0.21	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.20	
		<i>For Painted, Deduct</i>	-0.12	
		<i>For Perforated Or Slotted, Add</i>	0.12	
		<i>For Up To 100, Add</i>	1.10	
		<i>For >100 To 500, Add</i>	0.58	
		<i>For >500 To 1,500, Add</i>	0.22	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.37	
		<i>For Painted, Deduct</i>	-0.12	
		<i>For Perforated Or Slotted, Add</i>	0.12	
		<i>For Up To 100, Add</i>	1.20	
		<i>For >100 To 500, Add</i>	0.63	
		<i>For >500 To 1,500, Add</i>	0.24	
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.59	
		<i>For Painted, Deduct</i>	-0.13	
		<i>For Perforated Or Slotted, Add</i>	0.13	
		<i>For Up To 100, Add</i>	1.34	
		<i>For >100 To 500, Add</i>	0.69	
		<i>For >500 To 1,500, Add</i>	0.27	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.78	
		<i>For Painted, Deduct</i>	-0.13	
		<i>For Perforated Or Slotted, Add</i>	0.13	
		<i>For Up To 100, Add</i>	1.40	
		<i>For >100 To 500, Add</i>	0.72	
		<i>For >500 To 1,500, Add</i>	0.28	
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.14	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Up To 100, Add</i>	1.48	
		<i>For >100 To 500, Add</i>	0.77	
		<i>For >500 To 1,500, Add</i>	0.30	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.75	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Up To 100, Add</i>	1.62	
		<i>For >100 To 500, Add</i>	0.86	
		<i>For >500 To 1,500, Add</i>	0.32	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.26	
		<i>For Painted, Deduct</i>	-0.19	
		<i>For Perforated Or Slotted, Add</i>	0.19	
		<i>For Up To 100, Add</i>	1.82	
		<i>For >100 To 500, Add</i>	0.96	
		<i>For >500 To 1,500, Add</i>	0.36	

05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.82	
		<i>For Painted, Deduct</i>	-0.13	
		<i>For Perforated Or Slotted, Add</i>	0.13	
		<i>For Up To 100, Add</i>	1.40	
		<i>For >100 To 500, Add</i>	0.72	
		<i>For >500 To 1,500, Add</i>	0.28	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.09	
		<i>For Painted, Deduct</i>	-0.14	
		<i>For Perforated Or Slotted, Add</i>	0.14	
		<i>For Up To 100, Add</i>	1.55	
		<i>For >100 To 500, Add</i>	0.79	
		<i>For >500 To 1,500, Add</i>	0.32	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.55	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Up To 100, Add</i>	1.87	
		<i>For >100 To 500, Add</i>	0.93	
		<i>For >500 To 1,500, Add</i>	0.39	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.96	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Up To 100, Add</i>	2.19	
		<i>For >100 To 500, Add</i>	1.06	
		<i>For >500 To 1,500, Add</i>	0.47	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.09	
		<i>For Painted, Deduct</i>	-0.14	
		<i>For Perforated Or Slotted, Add</i>	0.14	
		<i>For Up To 100, Add</i>	1.55	
		<i>For >100 To 500, Add</i>	0.79	
		<i>For >500 To 1,500, Add</i>	0.32	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.41	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Up To 100, Add</i>	1.70	
		<i>For >100 To 500, Add</i>	0.86	
		<i>For >500 To 1,500, Add</i>	0.35	

05 Metals

05 30 Metal Decking

05 36 Composite Metal Decking

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 36 00 00-0008	SF 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.88	
	For Painted, Deduct	-0.16	
	For Perforated Or Slotted, Add	0.16	
	For Up To 100, Add	2.02	
	For >100 To 500, Add	1.00	
	For >500 To 1,500, Add	0.43	
05 36 00 00-0009	SF 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.33	
	For Painted, Deduct	-0.17	
	For Perforated Or Slotted, Add	0.17	
	For Up To 100, Add	2.35	
	For >100 To 500, Add	1.14	
	For >500 To 1,500, Add	0.51	
05 36 00 00-0010	SF 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.30	
	For Painted, Deduct	-0.15	
	For Perforated Or Slotted, Add	0.15	
	For Up To 100, Add	1.62	
	For >100 To 500, Add	0.83	
	For >500 To 1,500, Add	0.33	
05 36 00 00-0011	SF 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.60	
	For Painted, Deduct	-0.16	
	For Perforated Or Slotted, Add	0.16	
	For Up To 100, Add	1.80	
	For >100 To 500, Add	0.91	
	For >500 To 1,500, Add	0.37	
05 36 00 00-0012	SF 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.14	
	For Painted, Deduct	-0.17	
	For Perforated Or Slotted, Add	0.17	
	For Up To 100, Add	2.16	
	For >100 To 500, Add	1.06	
	For >500 To 1,500, Add	0.46	
05 36 00 00-0013	SF 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.72	
	For Painted, Deduct	-0.18	
	For Perforated Or Slotted, Add	0.18	
	For Up To 100, Add	2.54	
	For >100 To 500, Add	1.23	
	For >500 To 1,500, Add	0.55	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.02	
	For Painted, Deduct	-0.25	
	For Perforated Or Slotted, Add	0.25	
	For Insulated Cells, Add	1.12	
	For Up To 100, Add	2.56	
	For >100 To 500, Add	1.32	
	For >500 To 1,500, Add	0.52	
05 36 00 00-0016	SF 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	7.49	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.17	
	For Up To 100, Add	2.79	
	For >100 To 500, Add	1.43	
	For >500 To 1,500, Add	0.57	
05 36 00 00-0017	SF 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.58	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.17	
	For Up To 100, Add	2.88	
	For >100 To 500, Add	1.47	
	For >500 To 1,500, Add	0.59	
05 36 00 00-0018	SF 1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.03	
	For Painted, Deduct	-0.27	
	For Perforated Or Slotted, Add	0.27	
	For Insulated Cells, Add	1.22	
	For Up To 100, Add	3.16	
	For >100 To 500, Add	1.59	
	For >500 To 1,500, Add	0.66	
05 36 00 00-0019	SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	8.62	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.30	
	For Up To 100, Add	3.43	
	For >100 To 500, Add	1.72	
	For >500 To 1,500, Add	0.71	
05 36 00 00-0020	SF 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.70	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.30	
	For Up To 100, Add	3.51	
	For >100 To 500, Add	1.75	
	For >500 To 1,500, Add	0.73	
05 36 00 00-0021	SF 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.15	
	For Painted, Deduct	-0.30	
	For Perforated Or Slotted, Add	0.30	
	For Insulated Cells, Add	1.34	
	For Up To 100, Add	3.79	
	For >100 To 500, Add	1.87	
	For >500 To 1,500, Add	0.80	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0022	SF 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.25	
	For Painted, Deduct	-0.25	
	For Perforated Or Slotted, Add	0.25	
	For Insulated Cells, Add	1.14	
	For Up To 100, Add	2.70	
	For >100 To 500, Add	1.38	
	For >500 To 1,500, Add	0.55	
05 36 00 00-0023	SF 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	7.64	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.19	
	For Up To 100, Add	2.89	
	For >100 To 500, Add	1.47	
	For >500 To 1,500, Add	0.59	
05 36 00 00-0024	SF 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.73	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.19	
	For Up To 100, Add	2.98	
	For >100 To 500, Add	1.51	
	For >500 To 1,500, Add	0.61	
05 36 00 00-0025	SF 2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.29	
	For Painted, Deduct	-0.28	
	For Perforated Or Slotted, Add	0.28	
	For Insulated Cells, Add	1.26	
	For Up To 100, Add	3.27	
	For >100 To 500, Add	1.64	
	For >500 To 1,500, Add	0.68	
05 36 00 00-0026	SF 2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	8.77	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.31	
	For Up To 100, Add	3.51	
	For >100 To 500, Add	1.76	
	For >500 To 1,500, Add	0.73	
05 36 00 00-0027	SF 2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.90	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.31	
	For Up To 100, Add	3.64	
	For >100 To 500, Add	1.81	
	For >500 To 1,500, Add	0.77	
05 36 00 00-0028	SF 2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.37	
	For Painted, Deduct	-0.30	
	For Perforated Or Slotted, Add	0.30	
	For Insulated Cells, Add	1.37	
	For Up To 100, Add	3.89	
	For >100 To 500, Add	1.92	
	For >500 To 1,500, Add	0.82	
05 36 00 00-0029	SF 3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.28	
	For Painted, Deduct	-0.25	
	For Perforated Or Slotted, Add	0.25	
	For Insulated Cells, Add	1.15	
	For Up To 100, Add	2.70	
	For >100 To 500, Add	1.39	
	For >500 To 1,500, Add	0.55	
05 36 00 00-0030	SF 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	7.68	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.19	
	For Up To 100, Add	2.93	
	For >100 To 500, Add	1.49	
	For >500 To 1,500, Add	0.60	
05 36 00 00-0031	SF 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.81	
	For Painted, Deduct	-0.26	
	For Perforated Or Slotted, Add	0.26	
	For Insulated Cells, Add	1.19	
	For Up To 100, Add	3.06	
	For >100 To 500, Add	1.54	
	For >500 To 1,500, Add	0.63	
05 36 00 00-0032	SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.36	
	For Painted, Deduct	-0.28	
	For Perforated Or Slotted, Add	0.28	
	For Insulated Cells, Add	1.26	
	For Up To 100, Add	3.31	
	For >100 To 500, Add	1.66	
	For >500 To 1,500, Add	0.69	
05 36 00 00-0033	SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	8.91	
	For Painted, Deduct	-0.30	
	For Perforated Or Slotted, Add	0.30	
	For Insulated Cells, Add	1.33	
	For Up To 100, Add	3.57	
	For >100 To 500, Add	1.79	
	For >500 To 1,500, Add	0.75	
05 36 00 00-0034	SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.08	
	For Painted, Deduct	-0.30	
	For Perforated Or Slotted, Add	0.30	
	For Insulated Cells, Add	1.33	
	For Up To 100, Add	3.74	
	For >100 To 500, Add	1.85	
	For >500 To 1,500, Add	0.79	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.45	
		<i>For Painted, Deduct</i>	-0.30	
		<i>For Perforated Or Slotted, Add</i>	0.30	
		<i>For Insulated Cells, Add</i>	1.37	
		<i>For Up To 100, Add</i>	3.97	
		<i>For >100 To 500, Add</i>	1.95	
		<i>For >500 To 1,500, Add</i>	0.84	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized (05 36)

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular.....	5.45	
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular.....	4.47	
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular.....	3.70	
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular.....	3.18	
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular.....	6.01	
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular.....	4.87	
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular.....	4.03	
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular.....	3.47	
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular.....	6.91	
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular.....	5.52	
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular.....	4.62	
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular.....	4.17	

05 40 Cold-Formed Metal Framing (05)

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing (05 40)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.42	0.84
		<i>For Walls >10' High, Add</i>	0.68	
		<i>For Curved Wall, Add</i>	0.59	
		<i>For Up To 200, Add</i>	1.08	
		<i>For >200 To 500, Add</i>	0.54	
		<i>For 12" On Center, Add</i>	0.59	
		<i>For 24" On Center, Deduct</i>	-0.59	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.77	0.84
		<i>For Walls >10' High, Add</i>	0.75	
		<i>For Curved Wall, Add</i>	0.62	
		<i>For Up To 200, Add</i>	1.17	
		<i>For >200 To 500, Add</i>	0.58	
		<i>For 12" On Center, Add</i>	0.65	
		<i>For 24" On Center, Deduct</i>	-0.65	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.93	0.84
		<i>For Walls >10' High, Add</i>	0.79	
		<i>For Curved Wall, Add</i>	0.65	
		<i>For Up To 200, Add</i>	1.22	
		<i>For >200 To 500, Add</i>	0.61	
		<i>For 12" On Center, Add</i>	0.68	
		<i>For 24" On Center, Deduct</i>	-0.68	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.80	0.93
		<i>For Walls >10' High, Add</i>	0.96	
		<i>For Curved Wall, Add</i>	0.67	
		<i>For Up To 200, Add</i>	1.41	
		<i>For >200 To 500, Add</i>	0.70	
		<i>For 12" On Center, Add</i>	0.85	
		<i>For 24" On Center, Deduct</i>	-0.85	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.30	1.02
		<i>For Walls >10' High, Add</i>	1.06	
		<i>For Curved Wall, Add</i>	0.70	
		<i>For Up To 200, Add</i>	1.53	
		<i>For >200 To 500, Add</i>	0.76	
		<i>For 12" On Center, Add</i>	0.94	
		<i>For 24" On Center, Deduct</i>	-0.94	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.66	0.84
		<i>For Walls >10' High, Add</i>	0.73	
		<i>For Curved Wall, Add</i>	0.62	
		<i>For Up To 200, Add</i>	1.15	
		<i>For >200 To 500, Add</i>	0.57	
		<i>For 12" On Center, Add</i>	0.63	
		<i>For 24" On Center, Deduct</i>	-0.63	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.14	0.85
		<i>For Walls >10' High, Add</i>	0.83	
		<i>For Curved Wall, Add</i>	0.65	
		<i>For Up To 200, Add</i>	1.26	
		<i>For >200 To 500, Add</i>	0.63	
		<i>For 12" On Center, Add</i>	0.72	
		<i>For 24" On Center, Deduct</i>	-0.72	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.35	0.85
		<i>For Walls >10' High, Add</i>	<i>0.87</i>	
		<i>For Curved Wall, Add</i>	<i>0.68</i>	
		<i>For Up To 200, Add</i>	<i>1.32</i>	
		<i>For >200 To 500, Add</i>	<i>0.66</i>	
		<i>For 12" On Center, Add</i>	<i>0.76</i>	
		<i>For 24" On Center, Deduct</i>	<i>-0.76</i>	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.31	1.02
		<i>For Walls >10' High, Add</i>	<i>1.06</i>	
		<i>For Curved Wall, Add</i>	<i>0.71</i>	
		<i>For Up To 200, Add</i>	<i>1.53</i>	
		<i>For >200 To 500, Add</i>	<i>0.77</i>	
		<i>For 12" On Center, Add</i>	<i>0.94</i>	
		<i>For 24" On Center, Deduct</i>	<i>-0.94</i>	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.80	1.12
		<i>For Walls >10' High, Add</i>	<i>1.16</i>	
		<i>For Curved Wall, Add</i>	<i>0.74</i>	
		<i>For Up To 200, Add</i>	<i>1.65</i>	
		<i>For >200 To 500, Add</i>	<i>0.83</i>	
		<i>For 12" On Center, Add</i>	<i>1.04</i>	
		<i>For 24" On Center, Deduct</i>	<i>-1.04</i>	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.93	1.16
		<i>For Walls >10' High, Add</i>	<i>0.99</i>	
		<i>For Curved Wall, Add</i>	<i>0.78</i>	
		<i>For Up To 200, Add</i>	<i>1.51</i>	
		<i>For >200 To 500, Add</i>	<i>0.75</i>	
		<i>For 12" On Center, Add</i>	<i>0.86</i>	
		<i>For 24" On Center, Deduct</i>	<i>-0.86</i>	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.05	1.19
		<i>For Walls >10' High, Add</i>	<i>1.01</i>	
		<i>For Curved Wall, Add</i>	<i>0.79</i>	
		<i>For Up To 200, Add</i>	<i>1.54</i>	
		<i>For >200 To 500, Add</i>	<i>0.77</i>	
		<i>For 12" On Center, Add</i>	<i>0.88</i>	
		<i>For 24" On Center, Deduct</i>	<i>-0.88</i>	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.12	1.26
		<i>For Walls >10' High, Add</i>	<i>1.22</i>	
		<i>For Curved Wall, Add</i>	<i>0.83</i>	
		<i>For Up To 200, Add</i>	<i>1.78</i>	
		<i>For >200 To 500, Add</i>	<i>0.89</i>	
		<i>For 12" On Center, Add</i>	<i>1.09</i>	
		<i>For 24" On Center, Deduct</i>	<i>-1.09</i>	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.67	1.31
		<i>For Walls >10' High, Add</i>	<i>1.33</i>	
		<i>For Curved Wall, Add</i>	<i>0.87</i>	
		<i>For Up To 200, Add</i>	<i>1.91</i>	
		<i>For >200 To 500, Add</i>	<i>0.96</i>	
		<i>For 12" On Center, Add</i>	<i>1.19</i>	
		<i>For 24" On Center, Deduct</i>	<i>-1.19</i>	

05 42 Cold-Formed Metal Joist Framing (05 40)

05 42 13 Cold-Formed Metal Floor Joist Framing (05 42)

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge (05 42 13)				
05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	6.75	2.01
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	7.53	2.52
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	8.15	2.76
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	9.05	2.94
05 42 13 00-0006 Steel Joists, 18 Gauge (05 42 13)				
05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	7.50	2.23
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	8.40	2.80
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	9.10	3.07
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	9.43	3.27
05 42 13 00-0011 Steel Joists, 16 Gauge (05 42 13)				
05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	9.72	3.10
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	10.26	3.27
05 42 13 00-0014 Steel Joists, 14 Gauge (05 42 13)				
05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	11.36	3.27
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	12.28	3.44
05 42 13 00-0017 Steel Joists, 12 Gauge (05 42 13)				
05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	13.37	3.60
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	14.53	3.80

05 Metals**05 40 Cold-Formed Metal Framing****05 42 Cold-Formed Metal Joist Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 42 13 00-0020		Steel Joists, 10 Gauge (05 42 13)		
05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	15.41	3.96
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	16.84	4.17
05 42 13 00-0023		Steel Joists, 8 Gauge (05 42 13)		
05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	17.51	4.35
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	19.17	4.59
05 42 23		Cold-Formed Metal Roof Joist Framing (05 42)		
		See CSI section 05 42 13 00-0000 for metal joist framing.		
05 43		Slotted Channel Framing (05 40)		
05 43 00 00-0001		Unistrut Channel (05 43)		
		Note: Excludes fasteners and accessories.		
05 43 00 00-0002		Steel Unistrut Channel (05 43 00 00-0001)		
05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	7.65	2.10
		For Galvanizing, Add	0.58	
		For Powder Coating, Add	0.52	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	7.81	2.10
		For Galvanizing, Add	0.61	
		For Powder Coating, Add	0.54	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	8.07	2.10
		For Galvanizing, Add	0.66	
		For Powder Coating, Add	0.58	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	7.31	2.10
		For Galvanizing, Add	0.53	
		For Powder Coating, Add	0.47	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel.....	6.58	2.10
		For Galvanizing, Add	0.40	
		For Powder Coating, Add	0.36	
05 43 00 00-0008		Stainless Steel Unistrut Channel (05 43 00 00-0001)		
05 43 00 00-0009		304 Stainless Steel Unistrut Channel (05 43 00 00-0008)		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	21.14	2.10
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	25.27	2.10
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.24	2.10
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	30.63	2.10
05 43 00 00-0014		316 Stainless Steel Unistrut Channel (05 43 00 00-0008)		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	34.55	2.10
05 43 00 00-0016		Unistrut Closure Strips (05 43)		
05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	3.52	0.46
05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel (05 43)		
		Note: Includes hex bolt.		
05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)		
		Note: Includes hex bolt.		
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	5.66	
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.01	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	6.28	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	7.72	
05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)		
		Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	12.43	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	13.19	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	18.39	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	30.99	
05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel (05 43)		
		Note: Includes hex bolt.		
05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)		
		Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	5.67	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.06	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	6.30	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	8.13	
05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)		
		Note: Includes hex bolt.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 43 00 00-0036	EA		1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	9.09	
05 43 00 00-0037	EA		3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.83	
05 43 00 00-0038	EA		1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	11.74	
05 43 00 00-0039	EA		5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	30.20	

05 43 00 00-0040 Beam Clamp For Unistrut Channel (05 43)

05 43 00 00-0041	EA		1-5/8" Channel, P2675 Unistrut Beam Clamp.....	18.08	6.99
05 43 00 00-0042	EA		1-5/8" Channel, P2676 Unistrut Beam Clamp.....	21.90	6.99
05 43 00 00-0043	EA		Add For Unistrut Swivel Nut, P2676	2.08	

05 43 00 00-0044 Beam Clamp Clevis Hangers For Unistrut Channel (05 43)

05 43 00 00-0045	EA		Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	19.41	6.99
05 43 00 00-0046	EA		Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	22.44	6.99
05 43 00 00-0047	EA		Add For Unistrut Swivel Nut.....	2.08	
05 43 00 00-0048	EA		6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut.....	109.52	9.33

05 43 00 00-0049 Pipe And Rigid Conduit Clamps (05 43)

05 43 00 00-0050 Pipe And Rigid Conduit Clamps (05 43 00 00-0049)

Note: Includes stainless steel (316) hardware.

05 43 00 00-0051	PR		1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	6.89	1.99
05 43 00 00-0052	PR		3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.07	1.99
05 43 00 00-0053	PR		1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	8.05	2.41
05 43 00 00-0054	PR		1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.51	2.62
05 43 00 00-0055	PR		1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.98	2.94
05 43 00 00-0056	PR		2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	10.98	2.94
05 43 00 00-0057	PR		2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.69	4.94
05 43 00 00-0058	PR		3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.04	4.94
05 43 00 00-0059	PR		3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	18.15	5.46
05 43 00 00-0060	PR		4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	20.13	5.88

05 43 00 00-0061 Pipe And Rigid Conduit Clamps (05 43 00 00-0049)

Note: Includes nylon hardware.

05 43 00 00-0062	PR		1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.50	1.99
05 43 00 00-0063	PR		3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.72	1.99
05 43 00 00-0064	PR		1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	8.70	2.41
05 43 00 00-0065	PR		1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	9.18	2.62
05 43 00 00-0066	PR		1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	12.04	2.94
05 43 00 00-0067	PR		2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	12.04	2.94
05 43 00 00-0068	PR		2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	18.11	4.94
05 43 00 00-0069	PR		3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	18.54	4.94
05 43 00 00-0070	PR		3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	19.67	5.46
05 43 00 00-0071	PR		4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	21.86	5.88

05 44 Cold-Formed Metal Trusses (05 40)

05 44 13 Cold-Formed Metal Roof Trusses (05 44)

05 44 13 00-0001 Metal Trusses (05 44 13)

05 44 13 00-0002 4:12 Pitch Metal Trusses (05 44 13 00-0001)

05 44 13 00-0003	EA		28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	403.10	90.00
			For 4" Chords, Deduct	-65.53	
			For 14 Gauge, Add	95.26	
			For 16 Gauge, Add	34.80	
05 44 13 00-0004	EA		30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	416.57	90.78
			For 4" Chords, Deduct	-69.38	
			For 14 Gauge, Add	99.18	
			For 16 Gauge, Add	36.69	
05 44 13 00-0005	EA		32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	427.26	91.57
			For 4" Chords, Deduct	-72.32	
			For 14 Gauge, Add	102.23	
			For 16 Gauge, Add	38.14	
05 44 13 00-0006	EA		34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	451.95	96.10
			For 4" Chords, Deduct	-77.06	
			For 14 Gauge, Add	108.39	
			For 16 Gauge, Add	40.60	
05 44 13 00-0007	EA		36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	473.87	100.65
			For 4" Chords, Deduct	-80.90	
			For 14 Gauge, Add	113.69	
			For 16 Gauge, Add	42.61	
05 44 13 00-0008	EA		38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	485.06	101.59
			For 4" Chords, Deduct	-83.87	
			For 14 Gauge, Add	116.84	
			For 16 Gauge, Add	44.08	
05 44 13 00-0009	EA		40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	499.02	102.55
			For 4" Chords, Deduct	-87.76	
			For 14 Gauge, Add	120.85	
			For 16 Gauge, Add	46.00	

05 Metals**05 40 Cold-Formed Metal Framing****05 44 Cold-Formed Metal Trusses**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	522.72	107.68
		<i>For 4" Chords, Deduct</i>	-91.74	
		<i>For 14 Gauge, Add</i>	126.51	
		<i>For 16 Gauge, Add</i>	48.10	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	549.20	112.80
		<i>For 4" Chords, Deduct</i>	-96.63	
		<i>For 14 Gauge, Add</i>	133.03	
		<i>For 16 Gauge, Add</i>	50.65	
05 44 13 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	572.90	117.93
		<i>For 4" Chords, Deduct</i>	-100.61	
		<i>For 14 Gauge, Add</i>	138.68	
		<i>For 16 Gauge, Add</i>	52.75	
05 44 13 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	599.37	123.06
		<i>For 4" Chords, Deduct</i>	-105.50	
		<i>For 14 Gauge, Add</i>	145.19	
		<i>For 16 Gauge, Add</i>	55.29	
05 44 13 00-0014		5:12 To 6:12 Pitch Metal Trusses <small>(05 44 13 00-0001)</small>		
05 44 13 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	488.48	111.97
		<i>For 4" Chords, Deduct</i>	-77.21	
		<i>For 14 Gauge, Add</i>	114.48	
		<i>For 16 Gauge, Add</i>	41.20	
05 44 13 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	502.78	113.06
		<i>For 4" Chords, Deduct</i>	-81.13	
		<i>For 14 Gauge, Add</i>	118.56	
		<i>For 16 Gauge, Add</i>	43.14	
05 44 13 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	517.08	114.12
		<i>For 4" Chords, Deduct</i>	-85.05	
		<i>For 14 Gauge, Add</i>	122.64	
		<i>For 16 Gauge, Add</i>	45.07	
05 44 13 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	550.71	121.62
		<i>For 4" Chords, Deduct</i>	-90.51	
		<i>For 14 Gauge, Add</i>	130.58	
		<i>For 16 Gauge, Add</i>	47.98	
05 44 13 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	584.32	129.14
		<i>For 4" Chords, Deduct</i>	-95.97	
		<i>For 14 Gauge, Add</i>	138.52	
		<i>For 16 Gauge, Add</i>	50.88	
05 44 13 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	512.79	130.50
		<i>For 4" Chords, Deduct</i>	-93.02	
		<i>For 14 Gauge, Add</i>	125.44	
		<i>For 16 Gauge, Add</i>	48.52	
05 44 13 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	614.67	131.85
		<i>For 4" Chords, Deduct</i>	-103.95	
		<i>For 14 Gauge, Add</i>	147.04	
		<i>For 16 Gauge, Add</i>	54.83	
05 44 13 00-0022	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	645.53	138.45
		<i>For 4" Chords, Deduct</i>	-109.19	
		<i>For 14 Gauge, Add</i>	154.43	
		<i>For 16 Gauge, Add</i>	57.60	
05 44 13 00-0023	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	676.41	145.04
		<i>For 4" Chords, Deduct</i>	-114.44	
		<i>For 14 Gauge, Add</i>	161.82	
		<i>For 16 Gauge, Add</i>	60.36	
05 44 13 00-0024	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	707.28	151.63
		<i>For 4" Chords, Deduct</i>	-119.68	
		<i>For 14 Gauge, Add</i>	169.22	
		<i>For 16 Gauge, Add</i>	63.13	
05 44 13 00-0025	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	738.15	158.23
		<i>For 4" Chords, Deduct</i>	-124.92	
		<i>For 14 Gauge, Add</i>	176.61	
		<i>For 16 Gauge, Add</i>	65.89	

05 45 Metal Support Assemblies (05 40)**05 45 13 Mechanical Metal Supports** (05 45)

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports (05 45)

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications (05)**05 51 Metal Stairs** (05 50)**05 51 13 Metal Pan Stairs** (05 51)

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.

See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing (05 51 13)

Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	624.13	27.05
		<i>For Closed Riser, Add</i>	71.19	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	709.92	31.56
		<i>For Closed Riser, Add</i>	80.86	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	792.27	36.97
		<i>For Closed Riser, Add</i>	90.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 13 00-0005	SF		Concrete Filled Steel Pan Landing Note: Conventional shape.	69.53	4.51
05 51 19 Metal Grating Stairs (05 51)					
Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.					
05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing (05 51 19)					
Note: Includes steel stringers, safety nosing and 2 pipe handrail.					
05 51 19 00-0002	RSR		3'-6" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	311.75 36.56 59.91	36.07
05 51 19 00-0003	RSR		4'-0" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	333.98 38.86 62.76	41.48
05 51 19 00-0004	RSR		5'-0" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	371.24 42.90 68.46	48.69
05 51 19 00-0005	SF		Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape. <i>For Galvanized Steel, Add</i>	59.11 10.27	4.51
05 51 33 Metal Ladders (05 51)					
Note: Includes factory prime.					
05 51 33 13 Vertical Metal Ladders (05 51 33)					
05 51 33 13-0001 Vertical Ladders (05 51 33 13)					
Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"					
05 51 33 13-0002	VL		20" Wide Vertical Steel Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	75.32 10.34 20.69	10.82
05 51 33 13-0003	VL		24" Wide Vertical Steel Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	85.80 12.96 25.93	10.82
05 51 33 13-0004	VL		20" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	177.65 30.05 60.09	18.03
05 51 33 13-0005	VL		24" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	198.61 35.29 70.57	18.03
05 51 33 13-0006 Vertical Ladders Options (05 51 33 13)					
05 51 33 13-0007	EA		20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	232.88 41.31 82.63	33.82
05 51 33 13-0008	EA		24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	254.39 45.57 91.13	36.07
05 51 33 13-0009	EA		Security Cage Entry Gate With Lockable Hasp	326.32	11.27
05 51 33 13-0010	EA		6" Security Ladder Guard	722.14	67.63
05 51 33 13-0011	EA		8" Security Ladder Guard	862.56	78.90
05 51 33 13-0012	EA		Safety Chain Attachment	129.82	
05 51 33 13-0013 Welded Steel Ladder Cages (05 51 33 13)					
Note: For existing fixed ladders up to 20" wide. Excludes the ladder.					
05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)					
05 51 33 13-0015	EA		7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,339.09	135.25
05 51 33 13-0016	EA		8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,450.66	139.76
05 51 33 13-0017	EA		9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,539.93	144.28
05 51 33 13-0018	EA		10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,635.15	148.78
05 51 33 13-0019	EA		11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,691.72	153.29
05 51 33 13-0020	EA		12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,782.49	157.80
05 51 33 13-0021	EA		13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,862.85	162.31
05 51 33 13-0022	EA		14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,966.97	166.82
05 51 33 13-0023	EA		15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,068.14	171.32
05 51 33 13-0024	EA		16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,151.46	175.83
05 51 33 13-0025	EA		17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,252.63	180.34
05 51 33 13-0026	EA		18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,350.81	184.85
05 51 33 13-0027	EA		19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,447.52	189.35
05 51 33 13-0028	EA		20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,621.50	193.86
05 51 33 13-0029	EA		21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,675.11	198.37
05 51 33 13-0030	EA		22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,765.86	202.89
05 51 33 13-0031	EA		23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,849.19	207.39
05 51 33 13-0032	EA		24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,926.58	211.90
05 51 33 13-0033	EA		25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,096.11	216.41
05 51 33 13-0034	EA		26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,188.36	220.92
05 51 33 13-0035	EA		27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,274.65	225.43
05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages (05 51 33 13-0013)					
05 51 33 13-0037	EA		7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,096.47	135.25

05 Metals
05 50 Metal Fabrications
05 51 Metal Stairs

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,305.52	139.76
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,652.17	144.28
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,824.34	148.78
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,969.54	153.29
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,161.57	157.80
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,505.40	162.31
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,680.39	166.82
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,861.07	171.32
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,058.76	175.83
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,409.67	180.34
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,586.08	184.85
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,754.00	189.35
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,031.14	193.86
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,342.33	198.37
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,515.91	202.89
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,693.75	207.39
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,860.24	211.90
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,284.92	216.41
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,451.41	220.92
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,622.15	225.43

05 51 33 16 Inclined Metal Ladders (05 51 33)

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs (05 51 33 16)

Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side.....	233.59	45.09
		For Aluminum, Add	71.71	

05 51 33 23 Alternating Tread Ladders (05 51 33)

05 51 33 23-0001 Vertical Ladders With Alternating Tread (05 51 33 23)

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	1,364.28	135.25
		For Stainless Steel, Add	196.80	
		For Primed Steel, Deduct	-191.42	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	1,549.39	143.38
		For Stainless Steel, Add	240.90	
		For Primed Steel, Deduct	-223.30	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	1,700.59	143.38
		For Stainless Steel, Add	288.67	
		For Primed Steel, Deduct	-241.55	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	1,960.68	180.16
		For Stainless Steel, Add	347.24	
		For Primed Steel, Deduct	-256.61	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	2,138.92	186.54
		For Stainless Steel, Add	388.99	
		For Primed Steel, Deduct	-298.53	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	2,272.53	186.54
		For Stainless Steel, Add	453.51	
		For Primed Steel, Deduct	-293.53	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder.....	2,499.56	208.08
		For Stainless Steel, Add	497.40	
		For Primed Steel, Deduct	-327.55	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder.....	2,649.25	208.08
		For Stainless Steel, Add	546.61	
		For Primed Steel, Deduct	-347.07	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder.....	2,765.72	208.08
		For Stainless Steel, Add	623.99	
		For Primed Steel, Deduct	-346.65	

05 52 Metal Railings (05 50)

05 52 13 Pipe And Tube Railings (05 52)

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing (05 52 13)

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and one rail.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0003	LF		1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	37.40	9.02
			For Schedule 80 Handrail, Add	3.08	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.26	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.64	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.39	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.55	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	8.14	
			For Aluminum, Clear Anodized Finish, Add	12.59	
			For Aluminum, Dark Anodized Finish, Add	14.53	
			For Galvanizing, Add	7.75	
			For Wrought Iron, Add	3.74	
			For Solid Steel Rails, Add	7.48	
			For 304 Stainless Steel, Add	61.98	
			For 316 Stainless Steel, Add	69.73	
			For 2" Wheel Guard, Add	1.84	
			For 4" High Kick Plate, Add	2.42	
			For 6" High Kick Plate, Add	3.87	
			For Curved Rail, Add	17.03	
			For Mounting On Stairs, Add	4.64	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	14.19	
			For Nylon Coating, Add	2.91	
05 52 13 00-0004	LF		1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	40.73	9.02
			For Schedule 80 Handrail, Add	4.51	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.99	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.68	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.49	
			For 16 Gauge A513 Steel Tubing, Deduct	-8.85	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	9.53	
			For Aluminum, Clear Anodized Finish, Add	14.76	
			For Aluminum, Dark Anodized Finish, Add	17.03	
			For Galvanizing, Add	9.08	
			For Wrought Iron, Add	4.07	
			For Solid Steel Rails, Add	8.15	
			For 304 Stainless Steel, Add	72.64	
			For 316 Stainless Steel, Add	81.72	
			For 2" Wheel Guard, Add	2.16	
			For 4" High Kick Plate, Add	2.84	
			For 6" High Kick Plate, Add	4.54	
			For Curved Rail, Add	19.03	
			For Mounting On Stairs, Add	4.97	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	15.86	
			For Nylon Coating, Add	3.41	
05 52 13 00-0005	LF		1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	44.07	9.02
			For Schedule 80 Handrail, Add	4.51	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.73	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.51	
			For 14 Gauge A513 Steel Tubing, Deduct	-8.59	
			For 16 Gauge A513 Steel Tubing, Deduct	-10.16	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	10.94	
			For Aluminum, Clear Anodized Finish, Add	16.93	
			For Aluminum, Dark Anodized Finish, Add	19.53	
			For Galvanizing, Add	10.42	
			For Wrought Iron, Add	4.41	
			For Solid Steel Rails, Add	8.81	
			For 304 Stainless Steel, Add	83.33	
			For 316 Stainless Steel, Add	93.74	
			For 2" Wheel Guard, Add	2.47	
			For 4" High Kick Plate, Add	3.26	
			For 6" High Kick Plate, Add	5.21	
			For Curved Rail, Add	21.03	
			For Mounting On Stairs, Add	5.31	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	17.53	
			For Nylon Coating, Add	3.91	

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	49.86	9.02
		For Schedule 80 Handrail, Add	5.09	
		For 11 Gauge A513 Steel Tubing, Deduct	-7.00	
		For 12 Gauge A513 Steel Tubing, Deduct	-7.96	
		For 14 Gauge A513 Steel Tubing, Deduct	-10.50	
		For 16 Gauge A513 Steel Tubing, Deduct	-12.41	
		For Additional Off Set Handrail, ADA Attachment, Add	12.10	
		For Aluminum, Satin Finish, Add	13.37	
		For Aluminum, Clear Anodized Finish, Add	20.69	
		For Aluminum, Dark Anodized Finish, Add	23.87	
		For Galvanizing, Add	12.73	
		For Wrought Iron, Add	4.99	
		For Solid Steel Rails, Add	9.97	
		For 304 Stainless Steel, Add	101.86	
		For 316 Stainless Steel, Add	114.59	
		For 2" Wheel Guard, Add	3.02	
		For 4" High Kick Plate, Add	3.98	
		For 6" High Kick Plate, Add	6.37	
		For Curved Rail, Add	24.51	
		For Mounting On Stairs, Add	5.89	
		For Mounting On Slopes, Add	1.80	
		For Post Base Flange With Screws, Add Per Post	19.30	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
		For Custom Design Or Shapes (Square Tops, etc), Add	20.42	
		For Nylon Coating, Add	4.77	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	56.79	9.02
		For Schedule 80 Handrail, Add	5.67	
		For 11 Gauge A513 Steel Tubing, Deduct	-8.53	
		For 12 Gauge A513 Steel Tubing, Deduct	-9.69	
		For 14 Gauge A513 Steel Tubing, Deduct	-12.79	
		For 16 Gauge A513 Steel Tubing, Deduct	-15.12	
		For Additional Off Set Handrail, ADA Attachment, Add	12.10	
		For Aluminum, Satin Finish, Add	16.28	
		For Aluminum, Clear Anodized Finish, Add	25.19	
		For Aluminum, Dark Anodized Finish, Add	29.07	
		For Galvanizing, Add	15.50	
		For Wrought Iron, Add	5.68	
		For Solid Steel Rails, Add	11.36	
		For 304 Stainless Steel, Add	124.03	
		For 316 Stainless Steel, Add	139.54	
		For 2" Wheel Guard, Add	3.68	
		For 4" High Kick Plate, Add	4.85	
		For 6" High Kick Plate, Add	7.75	
		For Curved Rail, Add	28.67	
		For Mounting On Stairs, Add	6.58	
		For Mounting On Slopes, Add	1.80	
		For Post Base Flange With Screws, Add Per Post	19.30	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
		For Custom Design Or Shapes (Square Tops, etc), Add	23.89	
		For Nylon Coating, Add	5.81	
05 52 13 00-0008		Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
		Note: Includes factory primed posts and two rails.		
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	42.24	9.02
		For Schedule 80 Handrail, Add	3.08	
		For 11 Gauge A513 Steel Tubing, Deduct	-5.33	
		For 12 Gauge A513 Steel Tubing, Deduct	-6.05	
		For 14 Gauge A513 Steel Tubing, Deduct	-7.99	
		For 16 Gauge A513 Steel Tubing, Deduct	-9.44	
		For Additional Off Set Handrail, ADA Attachment, Add	12.10	
		For Aluminum, Satin Finish, Add	10.17	
		For Aluminum, Clear Anodized Finish, Add	15.74	
		For Aluminum, Dark Anodized Finish, Add	18.16	
		For Galvanizing, Add	9.68	
		For Wrought Iron, Add	4.22	
		For Solid Steel Rails, Add	8.45	
		For 304 Stainless Steel, Add	77.47	
		For 316 Stainless Steel, Add	87.16	
		For 2" Wheel Guard, Add	2.30	
		For 4" High Kick Plate, Add	3.03	
		For 6" High Kick Plate, Add	4.84	
		For Curved Rail, Add	19.94	
		For Mounting On Stairs, Add	5.13	
		For Mounting On Slopes, Add	1.80	
		For Post Base Flange With Screws, Add Per Post	19.30	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
		For Custom Design Or Shapes (Square Tops, etc), Add	16.61	
		For Nylon Coating, Add	3.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52	13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	46.41	9.02
			For Schedule 80 Handrail, Add	4.51	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.24	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.10	
			For 14 Gauge A513 Steel Tubing, Deduct	-9.37	
			For 16 Gauge A513 Steel Tubing, Deduct	-11.07	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	11.92	
			For Aluminum, Clear Anodized Finish, Add	18.45	
			For Aluminum, Dark Anodized Finish, Add	21.29	
			For Galvanizing, Add	11.35	
			For Wrought Iron, Add	4.64	
			For Solid Steel Rails, Add	9.28	
			For 304 Stainless Steel, Add	90.82	
			For 316 Stainless Steel, Add	102.17	
			For 2" Wheel Guard, Add	2.70	
			For 4" High Kick Plate, Add	3.55	
			For 6" High Kick Plate, Add	5.68	
			For Curved Rail, Add	22.44	
			For Mounting On Stairs, Add	5.54	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	18.70	
			For Nylon Coating, Add	4.26	
05 52	13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	50.58	9.02
			For Schedule 80 Handrail, Add	4.51	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.16	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.14	
			For 14 Gauge A513 Steel Tubing, Deduct	-10.74	
			For 16 Gauge A513 Steel Tubing, Deduct	-12.69	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	13.67	
			For Aluminum, Clear Anodized Finish, Add	21.16	
			For Aluminum, Dark Anodized Finish, Add	24.41	
			For Galvanizing, Add	13.02	
			For Wrought Iron, Add	5.06	
			For Solid Steel Rails, Add	10.12	
			For 304 Stainless Steel, Add	104.16	
			For 316 Stainless Steel, Add	117.18	
			For 2" Wheel Guard, Add	3.09	
			For 4" High Kick Plate, Add	4.07	
			For 6" High Kick Plate, Add	6.51	
			For Curved Rail, Add	24.94	
			For Mounting On Stairs, Add	5.96	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	20.78	
			For Nylon Coating, Add	4.88	
05 52	13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	57.81	9.02
			For Schedule 80 Handrail, Add	5.09	
			For 11 Gauge A513 Steel Tubing, Deduct	-8.75	
			For 12 Gauge A513 Steel Tubing, Deduct	-9.95	
			For 14 Gauge A513 Steel Tubing, Deduct	-13.13	
			For 16 Gauge A513 Steel Tubing, Deduct	-15.51	
			For Additional Off Set Handrail, ADA Attachment, Add	12.10	
			For Aluminum, Satin Finish, Add	16.71	
			For Aluminum, Clear Anodized Finish, Add	25.86	
			For Aluminum, Dark Anodized Finish, Add	29.84	
			For Galvanizing, Add	15.91	
			For Wrought Iron, Add	5.78	
			For Solid Steel Rails, Add	11.56	
			For 304 Stainless Steel, Add	127.30	
			For 316 Stainless Steel, Add	143.21	
			For 2" Wheel Guard, Add	3.78	
			For 4" High Kick Plate, Add	4.97	
			For 6" High Kick Plate, Add	7.96	
			For Curved Rail, Add	29.28	
			For Mounting On Stairs, Add	6.68	
			For Mounting On Slopes, Add	1.80	
			For Post Base Flange With Screws, Add Per Post	19.30	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.20	
			For Custom Design Or Shapes (Square Tops, etc), Add	24.40	
			For Nylon Coating, Add	5.97	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	66.48	9.02
		<i>For Schedule 80 Handrail, Add</i>	5.67	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-10.66	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-12.11	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-15.99	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-18.90	
		<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	12.10	
		<i>For Aluminum, Satin Finish, Add</i>	20.35	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	31.49	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	36.34	
		<i>For Galvanizing, Add</i>	19.38	
		<i>For Wrought Iron, Add</i>	6.65	
		<i>For Solid Steel Rails, Add</i>	13.30	
		<i>For 304 Stainless Steel, Add</i>	155.04	
		<i>For 316 Stainless Steel, Add</i>	174.42	
		<i>For 2" Wheel Guard, Add</i>	4.60	
		<i>For 4" High Kick Plate, Add</i>	6.06	
		<i>For 6" High Kick Plate, Add</i>	9.69	
		<i>For Curved Rail, Add</i>	34.48	
		<i>For Mounting On Stairs, Add</i>	7.55	
		<i>For Mounting On Slopes, Add</i>	1.80	
		<i>For Post Base Flange With Screws, Add Per Post</i>	19.30	
		<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.20	
		<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	28.73	
		<i>For Nylon Coating, Add</i>	7.27	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	56.24	10.82
		<i>For Schedule 80 Handrail, Add</i>	4.58	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-7.61	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-8.65	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-11.42	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-13.49	
		<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	12.82	
		<i>For Aluminum, Satin Finish, Add</i>	14.53	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	22.49	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	25.95	
		<i>For Galvanizing, Add</i>	13.84	
		<i>For Wrought Iron, Add</i>	5.62	
		<i>For Solid Steel Rails, Add</i>	11.25	
		<i>For 304 Stainless Steel, Add</i>	110.72	
		<i>For 316 Stainless Steel, Add</i>	124.56	
		<i>For 2" Wheel Guard, Add</i>	3.29	
		<i>For 4" High Kick Plate, Add</i>	4.33	
		<i>For 6" High Kick Plate, Add</i>	6.92	
		<i>For Curved Rail, Add</i>	27.25	
		<i>For Mounting On Stairs, Add</i>	6.71	
		<i>For Mounting On Slopes, Add</i>	2.16	
		<i>For Post Base Flange With Screws, Add Per Post</i>	19.66	
		<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.75	
		<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	22.71	
		<i>For Nylon Coating, Add</i>	5.19	
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	62.20	10.82
		<i>For Schedule 80 Handrail, Add</i>	6.48	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-8.92	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-10.14	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-13.38	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-15.82	
		<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	12.82	
		<i>For Aluminum, Satin Finish, Add</i>	17.04	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	26.36	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	30.42	
		<i>For Galvanizing, Add</i>	16.22	
		<i>For Wrought Iron, Add</i>	6.22	
		<i>For Solid Steel Rails, Add</i>	12.44	
		<i>For 304 Stainless Steel, Add</i>	129.79	
		<i>For 316 Stainless Steel, Add</i>	146.02	
		<i>For 2" Wheel Guard, Add</i>	3.85	
		<i>For 4" High Kick Plate, Add</i>	5.07	
		<i>For 6" High Kick Plate, Add</i>	8.11	
		<i>For Curved Rail, Add</i>	30.83	
		<i>For Mounting On Stairs, Add</i>	7.30	
		<i>For Mounting On Slopes, Add</i>	2.16	
		<i>For Post Base Flange With Screws, Add Per Post</i>	19.66	
		<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.75	
		<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	25.69	
		<i>For Nylon Coating, Add</i>	6.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 52 13 00-0017	LF		1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	68.16	10.82
			For Schedule 80 Handrail, Add	6.48	
			For 11 Gauge A513 Steel Tubing, Deduct	-10.23	
			For 12 Gauge A513 Steel Tubing, Deduct	-11.63	
			For 14 Gauge A513 Steel Tubing, Deduct	-15.35	
			For 16 Gauge A513 Steel Tubing, Deduct	-18.14	
			For Additional Off Set Handrail, ADA Attachment, Add	12.82	
			For Aluminum, Satin Finish, Add	19.54	
			For Aluminum, Clear Anodized Finish, Add	30.24	
			For Aluminum, Dark Anodized Finish, Add	34.89	
			For Galvanizing, Add	18.61	
			For Wrought Iron, Add	6.82	
			For Solid Steel Rails, Add	13.63	
			For 304 Stainless Steel, Add	148.86	
			For 316 Stainless Steel, Add	167.47	
			For 2" Wheel Guard, Add	4.42	
			For 4" High Kick Plate, Add	5.82	
			For 6" High Kick Plate, Add	9.30	
			For Curved Rail, Add	34.40	
			For Mounting On Stairs, Add	7.90	
			For Mounting On Slopes, Add	2.16	
			For Post Base Flange With Screws, Add Per Post	19.66	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.75	
			For Custom Design Or Shapes (Square Tops, etc), Add	28.67	
			For Nylon Coating, Add	6.98	
05 52 13 00-0018	LF		2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	78.52	10.82
			For Schedule 80 Handrail, Add	7.25	
			For 11 Gauge A513 Steel Tubing, Deduct	-12.51	
			For 12 Gauge A513 Steel Tubing, Deduct	-14.22	
			For 14 Gauge A513 Steel Tubing, Deduct	-18.77	
			For 16 Gauge A513 Steel Tubing, Deduct	-22.18	
			For Additional Off Set Handrail, ADA Attachment, Add	12.82	
			For Aluminum, Satin Finish, Add	23.89	
			For Aluminum, Clear Anodized Finish, Add	36.97	
			For Aluminum, Dark Anodized Finish, Add	42.66	
			For Galvanizing, Add	22.75	
			For Wrought Iron, Add	7.85	
			For Solid Steel Rails, Add	15.70	
			For 304 Stainless Steel, Add	182.02	
			For 316 Stainless Steel, Add	204.77	
			For 2" Wheel Guard, Add	5.40	
			For 4" High Kick Plate, Add	7.11	
			For 6" High Kick Plate, Add	11.38	
			For Curved Rail, Add	40.62	
			For Mounting On Stairs, Add	8.93	
			For Mounting On Slopes, Add	2.16	
			For Post Base Flange With Screws, Add Per Post	19.66	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.75	
			For Custom Design Or Shapes (Square Tops, etc), Add	33.85	
			For Nylon Coating, Add	8.53	
05 52 13 00-0019	LF		2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	90.85	10.82
			For Schedule 80 Handrail, Add	8.02	
			For 11 Gauge A513 Steel Tubing, Deduct	-15.23	
			For 12 Gauge A513 Steel Tubing, Deduct	-17.30	
			For 14 Gauge A513 Steel Tubing, Deduct	-22.84	
			For 16 Gauge A513 Steel Tubing, Deduct	-26.99	
			For Additional Off Set Handrail, ADA Attachment, Add	12.82	
			For Aluminum, Satin Finish, Add	29.07	
			For Aluminum, Clear Anodized Finish, Add	44.99	
			For Aluminum, Dark Anodized Finish, Add	51.91	
			For Galvanizing, Add	27.68	
			For Wrought Iron, Add	9.09	
			For Solid Steel Rails, Add	18.17	
			For 304 Stainless Steel, Add	221.47	
			For 316 Stainless Steel, Add	249.16	
			For 2" Wheel Guard, Add	6.57	
			For 4" High Kick Plate, Add	8.65	
			For 6" High Kick Plate, Add	13.84	
			For Curved Rail, Add	48.02	
			For Mounting On Stairs, Add	10.17	
			For Mounting On Slopes, Add	2.16	
			For Post Base Flange With Screws, Add Per Post	19.66	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.75	
			For Custom Design Or Shapes (Square Tops, etc), Add	40.02	
			For Nylon Coating, Add	10.38	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)
 Note: Includes factory primed posts and four rails.

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	67.71	12.62
		For Schedule 80 Handrail, Add	6.30	
		For 11 Gauge A513 Steel Tubing, Deduct	-9.34	
		For 12 Gauge A513 Steel Tubing, Deduct	-10.62	
		For 14 Gauge A513 Steel Tubing, Deduct	-14.02	
		For 16 Gauge A513 Steel Tubing, Deduct	-16.56	
		For Additional Off Set Handrail, ADA Attachment, Add	13.54	
		For Aluminum, Satin Finish, Add	17.84	
		For Aluminum, Clear Anodized Finish, Add	27.61	
		For Aluminum, Dark Anodized Finish, Add	31.85	
		For Galvanizing, Add	16.99	
		For Wrought Iron, Add	6.77	
		For Solid Steel Rails, Add	13.54	
		For 304 Stainless Steel, Add	135.90	
		For 316 Stainless Steel, Add	152.89	
		For 2" Wheel Guard, Add	4.03	
		For 4" High Kick Plate, Add	5.31	
		For 6" High Kick Plate, Add	8.49	
		For Curved Rail, Add	33.05	
		For Mounting On Stairs, Add	8.03	
		For Mounting On Slopes, Add	2.52	
		For Post Base Flange With Screws, Add Per Post	20.02	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
		For Custom Design Or Shapes (Square Tops, etc), Add	27.55	
		For Nylon Coating, Add	6.37	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	73.00	12.62
		For Schedule 80 Handrail, Add	8.67	
		For 11 Gauge A513 Steel Tubing, Deduct	-10.51	
		For 12 Gauge A513 Steel Tubing, Deduct	-11.94	
		For 14 Gauge A513 Steel Tubing, Deduct	-15.76	
		For 16 Gauge A513 Steel Tubing, Deduct	-18.63	
		For Additional Off Set Handrail, ADA Attachment, Add	13.54	
		For Aluminum, Satin Finish, Add	20.06	
		For Aluminum, Clear Anodized Finish, Add	31.04	
		For Aluminum, Dark Anodized Finish, Add	35.82	
		For Galvanizing, Add	19.10	
		For Wrought Iron, Add	7.30	
		For Solid Steel Rails, Add	14.60	
		For 304 Stainless Steel, Add	152.83	
		For 316 Stainless Steel, Add	171.94	
		For 2" Wheel Guard, Add	4.54	
		For 4" High Kick Plate, Add	5.97	
		For 6" High Kick Plate, Add	9.55	
		For Curved Rail, Add	36.23	
		For Mounting On Stairs, Add	8.56	
		For Mounting On Slopes, Add	2.52	
		For Post Base Flange With Screws, Add Per Post	20.02	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
		For Custom Design Or Shapes (Square Tops, etc), Add	30.19	
		For Nylon Coating, Add	7.16	
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	78.29	12.62
		For Schedule 80 Handrail, Add	8.67	
		For 11 Gauge A513 Steel Tubing, Deduct	-11.67	
		For 12 Gauge A513 Steel Tubing, Deduct	-13.26	
		For 14 Gauge A513 Steel Tubing, Deduct	-17.51	
		For 16 Gauge A513 Steel Tubing, Deduct	-20.69	
		For Additional Off Set Handrail, ADA Attachment, Add	13.54	
		For Aluminum, Satin Finish, Add	22.28	
		For Aluminum, Clear Anodized Finish, Add	34.48	
		For Aluminum, Dark Anodized Finish, Add	39.79	
		For Galvanizing, Add	21.22	
		For Wrought Iron, Add	7.83	
		For Solid Steel Rails, Add	15.66	
		For 304 Stainless Steel, Add	169.76	
		For 316 Stainless Steel, Add	190.98	
		For 2" Wheel Guard, Add	5.04	
		For 4" High Kick Plate, Add	6.63	
		For 6" High Kick Plate, Add	10.61	
		For Curved Rail, Add	39.40	
		For Mounting On Stairs, Add	9.09	
		For Mounting On Slopes, Add	2.52	
		For Post Base Flange With Screws, Add Per Post	20.02	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
		For Custom Design Or Shapes (Square Tops, etc), Add	32.84	
		For Nylon Coating, Add	7.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 52 13 00-0024	LF		2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	90.08	12.62
			For Schedule 80 Handrail, Add	9.64	
			For 11 Gauge A513 Steel Tubing, Deduct	-14.26	
			For 12 Gauge A513 Steel Tubing, Deduct	-16.21	
			For 14 Gauge A513 Steel Tubing, Deduct	-21.40	
			For 16 Gauge A513 Steel Tubing, Deduct	-25.29	
			For Additional Off Set Handrail, ADA Attachment, Add	13.54	
			For Aluminum, Satin Finish, Add	27.23	
			For Aluminum, Clear Anodized Finish, Add	42.15	
			For Aluminum, Dark Anodized Finish, Add	48.63	
			For Galvanizing, Add	25.94	
			For Wrought Iron, Add	9.01	
			For Solid Steel Rails, Add	18.02	
			For 304 Stainless Steel, Add	207.49	
			For 316 Stainless Steel, Add	233.42	
			For 2" Wheel Guard, Add	6.16	
			For 4" High Kick Plate, Add	8.11	
			For 6" High Kick Plate, Add	12.97	
			For Curved Rail, Add	46.48	
			For Mounting On Stairs, Add	10.27	
			For Mounting On Slopes, Add	2.52	
			For Post Base Flange With Screws, Add Per Post	20.02	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	38.73	
			For Nylon Coating, Add	9.73	
05 52 13 00-0025	LF		2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	103.89	12.62
			For Schedule 80 Handrail, Add	10.61	
			For 11 Gauge A513 Steel Tubing, Deduct	-17.30	
			For 12 Gauge A513 Steel Tubing, Deduct	-19.66	
			For 14 Gauge A513 Steel Tubing, Deduct	-25.95	
			For 16 Gauge A513 Steel Tubing, Deduct	-30.67	
			For Additional Off Set Handrail, ADA Attachment, Add	13.54	
			For Aluminum, Satin Finish, Add	33.03	
			For Aluminum, Clear Anodized Finish, Add	51.12	
			For Aluminum, Dark Anodized Finish, Add	58.99	
			For Galvanizing, Add	31.46	
			For Wrought Iron, Add	10.39	
			For Solid Steel Rails, Add	20.78	
			For 304 Stainless Steel, Add	251.68	
			For 316 Stainless Steel, Add	283.14	
			For 2" Wheel Guard, Add	7.47	
			For 4" High Kick Plate, Add	9.83	
			For 6" High Kick Plate, Add	15.73	
			For Curved Rail, Add	54.76	
			For Mounting On Stairs, Add	11.65	
			For Mounting On Slopes, Add	2.52	
			For Post Base Flange With Screws, Add Per Post	20.02	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	45.64	
			For Nylon Coating, Add	11.80	
05 52 13 00-0026			Railing Infill Panels <small>(05 52 13)</small>		
			Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027			Wire Mesh Or Welded Wire Mesh, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
			Note: Square weave or square welded wire mesh.		
05 52 13 00-0028	SF		Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	8.62	
05 52 13 00-0029	SF		Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	9.15	
05 52 13 00-0030	SF		Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	9.62	
05 52 13 00-0031	SF		Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.27	
05 52 13 00-0032			Perforated Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0033	SF		Powder Coated Steel, Perforated Metal, Railing Infill Panel	8.45	
05 52 13 00-0034	SF		Galvanized Steel, Perforated Metal, Railing Infill Panel	8.74	
05 52 13 00-0035	SF		Aluminum, Perforated Metal, Railing Infill Panel	9.35	
05 52 13 00-0036	SF		Stainless Steel, Perforated Metal, Railing Infill Panel	18.77	
05 52 13 00-0037			Expanded Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0038	SF		Powder Coated Steel, Expanded Metal, Railing Infill Panel	3.81	
05 52 13 00-0039	SF		Galvanized Steel, Expanded Metal, Railing Infill Panel	7.79	
05 52 13 00-0040	SF		Aluminum, Expanded Metal, Railing Infill Panel	10.23	
05 52 13 00-0041	SF		Stainless Steel, Expanded Metal, Railing Infill Panel	15.25	
05 52 13 00-0042			Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>		
			Note: Includes factory primed, fasteners and field touch-up of welds.		

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	32.05	5.41
		<i>For Schedule 80 Handrail, Add</i>	1.85	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.08	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-4.63	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-6.11	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-7.23	
		<i>For Stainless Steel, Add</i>	37.06	
		<i>For Aluminum, Satin Finish, Add</i>	7.78	
		<i>For Curved Rail, Add</i>	9.62	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	12.04	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	13.90	
		<i>For Galvanized Finish, Add</i>	5.56	
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	32.65	5.41
		<i>For Schedule 80 Handrail, Add</i>	2.09	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.21	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-4.78	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-6.31	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-7.46	
		<i>For Stainless Steel, Add</i>	38.26	
		<i>For Aluminum, Satin Finish, Add</i>	8.03	
		<i>For Curved Rail, Add</i>	9.80	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	12.43	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	14.35	
		<i>For Galvanized Finish, Add</i>	5.74	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	33.25	5.41
		<i>For Schedule 80 Handrail, Add</i>	5.26	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.34	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-4.93	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-6.51	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-7.69	
		<i>For Stainless Steel, Add</i>	39.46	
		<i>For Aluminum, Satin Finish, Add</i>	8.29	
		<i>For Curved Rail, Add</i>	9.98	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	12.82	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	14.80	
		<i>For Galvanized Finish, Add</i>	5.92	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	40.12	5.41
		<i>For Schedule 80 Handrail, Add</i>	2.52	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.85	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-6.65	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-8.78	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-10.37	
		<i>For Stainless Steel, Add</i>	53.20	
		<i>For Aluminum, Satin Finish, Add</i>	11.17	
		<i>For Curved Rail, Add</i>	12.04	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	17.29	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	19.95	
		<i>For Galvanized Finish, Add</i>	7.98	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	45.80	5.41
		<i>For Schedule 80 Handrail, Add</i>	2.71	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-7.10	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-8.07	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.65	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.59	
		<i>For Stainless Steel, Add</i>	64.56	
		<i>For Aluminum, Satin Finish, Add</i>	13.56	
		<i>For Curved Rail, Add</i>	13.74	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	20.98	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	24.21	
		<i>For Galvanized Finish, Add</i>	9.68	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	39.08	5.68
		<i>For Schedule 80 Handrail, Add</i>	1.85	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.62	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-6.39	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-8.43	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-9.97	
		<i>For Stainless Steel, Add</i>	51.12	
		<i>For Aluminum, Satin Finish, Add</i>	10.74	
		<i>For Curved Rail, Add</i>	11.72	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	16.61	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	19.17	
		<i>For Galvanized Finish, Add</i>	7.67	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	39.91	5.68
		<i>For Schedule 80 Handrail, Add</i>	2.09	
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.81	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-6.60	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-8.71	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-10.29	
		<i>For Stainless Steel, Add</i>	52.78	
		<i>For Aluminum, Satin Finish, Add</i>	11.08	
		<i>For Curved Rail, Add</i>	11.97	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	17.15	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	19.79	
		<i>For Galvanized Finish, Add</i>	7.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 52 13 00-0051	LF		1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	40.54	5.68
			For Schedule 80 Handrail, Add	5.26	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.94	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.76	
			For 14 Gauge A513 Steel Tubing, Deduct	-8.92	
			For 16 Gauge A513 Steel Tubing, Deduct	-10.54	
			For Stainless Steel, Add	54.04	
			For Aluminum, Satin Finish, Add	11.35	
			For Curved Rail, Add	12.16	
			For Aluminum, Clear Anodized Finish, Add	17.56	
			For Aluminum, Dark Anodized Finish, Add	20.27	
			For Galvanized Finish, Add	8.11	
05 52 13 00-0052	LF		2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	50.13	5.68
			For Schedule 80 Handrail, Add	2.52	
			For 11 Gauge A513 Steel Tubing, Deduct	-8.05	
			For 12 Gauge A513 Steel Tubing, Deduct	-9.15	
			For 14 Gauge A513 Steel Tubing, Deduct	-12.08	
			For 16 Gauge A513 Steel Tubing, Deduct	-14.28	
			For Stainless Steel, Add	73.22	
			For Aluminum, Satin Finish, Add	15.38	
			For Curved Rail, Add	15.04	
			For Aluminum, Clear Anodized Finish, Add	23.80	
			For Aluminum, Dark Anodized Finish, Add	27.46	
			For Galvanized Finish, Add	10.98	
05 52 13 00-0053	LF		2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	56.41	5.68
			For Schedule 80 Handrail, Add	2.71	
			For 11 Gauge A513 Steel Tubing, Deduct	-9.44	
			For 12 Gauge A513 Steel Tubing, Deduct	-10.72	
			For 14 Gauge A513 Steel Tubing, Deduct	-14.15	
			For 16 Gauge A513 Steel Tubing, Deduct	-16.73	
			For Stainless Steel, Add	85.78	
			For Aluminum, Satin Finish, Add	18.01	
			For Curved Rail, Add	16.92	
			For Aluminum, Clear Anodized Finish, Add	27.88	
			For Aluminum, Dark Anodized Finish, Add	32.17	
			For Galvanized Finish, Add	12.87	
05 52 13 00-0054			Remove/Reinstall Pipe Railing (05 52 13)		
05 52 13 00-0055	LF		Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing.....	20.28	
05 52 13 00-0056	LF		Removal And Reinstallation Of Floor Mounted Pipe Railing.....	26.54	
05 52 13 00-0057	EA		Install New Galvanized Steel Pipe Railing Bracket.....	46.01	
			For Stainless Steel, Add	37.92	

05 53 Metal Gratings (05 50)

05 53 13 Bar Gratings (05 53)

05 53 13 00-0001 Welded Grating (05 53 13)

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating (05 53 13 00-0001)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF		3/4" x 1/8" Steel, Welded Grating	7.64	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	0.96	
			For 304 Stainless Steel, Add	18.17	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	1.65	
			For Crossbars At 2" On-Center, Add	0.61	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.47	
05 53 13 00-0004	SF		3/4" x 3/16" Steel, Welded Grating	9.98	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	1.36	
			For 304 Stainless Steel, Add	25.68	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	2.34	
			For Crossbars At 2" On-Center, Add	0.86	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.53	
05 53 13 00-0005	SF		1" x 1/8" Steel, Welded Grating	9.14	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	1.22	
			For 304 Stainless Steel, Add	22.98	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	2.09	
			For Crossbars At 2" On-Center, Add	0.77	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.51	

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating.....	12.32	0.99
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.76	
		For 304 Stainless Steel, Add	33.19	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.02	
		For Crossbars At 2" On-Center, Add	1.12	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.59	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating.....	15.50	0.99
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.30	
		For 304 Stainless Steel, Add	43.40	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.95	
		For Crossbars At 2" On-Center, Add	1.46	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.66	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	10.66	0.99
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.48	
		For 304 Stainless Steel, Add	27.86	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	2.53	
		For Crossbars At 2" On-Center, Add	0.94	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.54	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	14.53	0.99
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.13	
		For 304 Stainless Steel, Add	40.29	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.66	
		For Crossbars At 2" On-Center, Add	1.36	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.64	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	12.19	0.99
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.74	
		For 304 Stainless Steel, Add	32.77	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	2.98	
		For Crossbars At 2" On-Center, Add	1.10	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.58	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	17.31	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.53	
		For 304 Stainless Steel, Add	47.76	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	4.34	
		For Crossbars At 2" On-Center, Add	1.61	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.00	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	22.14	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.35	
		For 304 Stainless Steel, Add	63.27	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.76	
		For Crossbars At 2" On-Center, Add	2.13	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.12	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	19.67	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.93	
		For 304 Stainless Steel, Add	55.34	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.03	
		For Crossbars At 2" On-Center, Add	1.86	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.06	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating.....	21.88	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.31	
		For 304 Stainless Steel, Add	62.43	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.68	
		For Crossbars At 2" On-Center, Add	2.10	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.11	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	24.22	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.70	
		For 304 Stainless Steel, Add	69.95	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	6.36	
		For Crossbars At 2" On-Center, Add	2.35	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0016	SF		2-1/2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	26.43 0.22 4.08 77.04 7.01 2.59 0.16 -2.23	1.22
05 53 13 00-0017			Pressure Locked Grating <small>(05 53 13)</small> Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018			Steel, Pressure Locked Grating <small>(05 53 13 00-0017)</small> Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019	SF		3/4" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	13.78 0.22 1.94 22.08 3.45 1.27 -1.62	0.99
05 53 13 00-0020	SF		3/4" x 3/16" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	16.79 0.22 2.43 27.71 4.32 1.60 -1.70	0.99
05 53 13 00-0021	SF		1" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	15.07 0.22 2.15 24.49 3.82 1.41 0.16 -1.65	0.99
05 53 13 00-0022	SF		1" x 3/16" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 7/16" On-Center, Add For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	20.24 0.22 2.99 34.16 26.48 5.33 1.97 0.16 -1.78	0.99
05 53 13 00-0023	SF		1-1/4" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	16.79 0.22 2.43 27.71 4.32 1.60 0.16 -1.70	0.99
05 53 13 00-0024	SF		1-1/4" x 3/16" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	22.63 0.22 3.39 38.64 6.03 2.23 0.16 -1.84	0.99
05 53 13 00-0025	SF		1-1/2" x 1/8" Steel, Pressure Locked Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	18.60 0.22 2.73 31.10 4.85 1.79 0.16 -1.74	0.99

05 Metals

05 50 Metal Fabrications

05 53 Metal Gratings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	25.59	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.80	
		For 304 Stainless Steel, Add	43.33	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	33.58	
		For Bearing Bars At 15/16" On-Center, Add	6.76	
		For Crossbars At 2" On-Center, Add	2.50	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.21	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	28.12	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.21	
		For 304 Stainless Steel, Add	48.07	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	7.50	
		For Crossbars At 2" On-Center, Add	2.77	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.27	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	30.18	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.55	
		For 304 Stainless Steel, Add	51.92	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	8.10	
		For Crossbars At 2" On-Center, Add	3.00	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.32	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	32.15	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.87	
		For 304 Stainless Steel, Add	55.61	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	8.68	
		For Crossbars At 2" On-Center, Add	3.21	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.37	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	33.86	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.15	
		For 304 Stainless Steel, Add	58.81	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	9.18	
		For Crossbars At 2" On-Center, Add	3.39	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.41	
05 53 13 00-0031		Aluminum, Type 6063, Pressure Locked Grating <small>(05 53 13 00-0017)</small>		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	14.38	0.99
		For Bearing Bars At 15/16" On-Center, Add	3.62	
		For Crossbars At 2" On-Center, Add	1.34	
		For Set In Place Without Bolting, Deduct	-1.64	
		For Powder Coating, Add	1.86	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	19.46	0.99
		For Bearing Bars At 15/16" On-Center, Add	5.10	
		For Crossbars At 2" On-Center, Add	1.89	
		For Set In Place Without Bolting, Deduct	-1.76	
		For Powder Coating, Add	2.62	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	18.37	0.99
		For Bearing Bars At 15/16" On-Center, Add	4.79	
		For Crossbars At 2" On-Center, Add	1.77	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.74	
		For Powder Coating, Add	2.46	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	24.94	0.99
		For Bearing Bars At 7/16" On-Center, Add	33.29	
		For Bearing Bars At 15/16" On-Center, Add	6.70	
		For Crossbars At 2" On-Center, Add	2.48	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.90	
		For Powder Coating, Add	3.44	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating.....	21.26	0.99
		For Bearing Bars At 15/16" On-Center, Add	5.63	
		For Crossbars At 2" On-Center, Add	2.08	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.81	
		For Powder Coating, Add	2.89	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	28.42	0.99
		For Bearing Bars At 15/16" On-Center, Add	7.72	
		For Crossbars At 2" On-Center, Add	2.86	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.99	
		For Powder Coating, Add	3.97	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating.....	23.97	0.99
		For Bearing Bars At 15/16" On-Center, Add	6.42	
		For Crossbars At 2" On-Center, Add	2.37	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.88	
		For Powder Coating, Add	3.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0039	SF		1-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	32.01	0.99
			<i>For Bearing Bars At 7/16" On-Center, Add</i>	43.54	
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	8.77	
			<i>For Crossbars At 2" On-Center, Add</i>	3.24	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.08	
			<i>For Powder Coating, Add</i>	4.50	
05 53 13 00-0040	SF		1-3/4" x 3/16" Aluminum, Pressure Locked Grating.....	35.45	0.99
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	9.77	
			<i>For Crossbars At 2" On-Center, Add</i>	3.61	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.16	
			<i>For Powder Coating, Add</i>	5.02	
05 53 13 00-0041	SF		2" x 3/16" Aluminum, Pressure Locked Grating.....	39.53	0.99
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	10.96	
			<i>For Crossbars At 2" On-Center, Add</i>	4.06	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.27	
			<i>For Powder Coating, Add</i>	5.63	
05 53 13 00-0042	SF		2-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	42.72	0.99
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	11.90	
			<i>For Crossbars At 2" On-Center, Add</i>	4.40	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.35	
			<i>For Powder Coating, Add</i>	6.11	
05 53 13 00-0043	SF		2-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	46.54	0.99
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	13.01	
			<i>For Crossbars At 2" On-Center, Add</i>	4.81	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-2.44	
			<i>For Powder Coating, Add</i>	6.68	
05 53 13 00-0044			Swage Locked Grating <small>(05 53 13)</small> Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05 53 13 00-0045			Steel, Swage Locked Grating <small>(05 53 13 00-0044)</small> Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0046	SF		1" x 3/16" Steel, Swaged Grating.....	22.08	0.99
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	1.85	
			<i>For 304 Stainless Steel, Add</i>	33.33	
			<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>		
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	12.86	
			<i>For Crossbars At 2" On-Center, Add</i>	1.61	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.83	
05 53 13 00-0047	SF		1-1/4" x 3/16" Steel, Swaged Grating.....	24.55	0.99
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.08	
			<i>For 304 Stainless Steel, Add</i>	37.42	
			<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>		
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	14.44	
			<i>For Crossbars At 2" On-Center, Add</i>	1.81	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.89	
05 53 13 00-0048	SF		1-1/2" x 3/16" Steel, Swaged Grating.....	26.95	1.22
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.26	
			<i>For 304 Stainless Steel, Add</i>	40.65	
			<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>		
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	15.69	
			<i>For Crossbars At 2" On-Center, Add</i>	1.96	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.24	
05 53 13 00-0049	SF		1-3/4" x 3/16" Steel, Swaged Grating.....	30.74	1.22
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.60	
			<i>For 304 Stainless Steel, Add</i>	46.94	
			<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>		
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	18.12	
			<i>For Crossbars At 2" On-Center, Add</i>	2.26	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.34	
05 53 13 00-0050	SF		2" x 3/16" Steel, Swaged Grating.....	34.56	1.22
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.96	
			<i>For 304 Stainless Steel, Add</i>	53.27	
			<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>		
			<i>For Bearing Bars At 15/16" On-Center, Add</i>	20.56	
			<i>For Crossbars At 2" On-Center, Add</i>	2.57	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.43	

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 53 13 00-0051	SF 2-1/4" x 3/16" Steel, Swaged Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	38.36 0.22 3.31 59.57 23.00 2.87 0.16 -2.53	1.22
05 53 13 00-0052	SF 2-1/2" x 3/16" Steel, Swaged Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	42.17 0.22 3.66 65.89 25.43 3.18 0.16 -2.62	1.22
05 53 13 00-0053	Aluminum Grating, Type 6063, Swage Locked (05.53 13 00-0044) Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF 1" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	16.96 9.59 1.20 0.16 -1.70 2.25	0.99
05 53 13 00-0055	SF 1" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	21.98 12.80 1.60 0.16 -1.83 3.00	0.99
05 53 13 00-0056	SF 1-1/4" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	19.22 11.03 1.38 0.16 -1.76 2.59	0.99
05 53 13 00-0057	SF 1-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	25.35 14.96 1.87 0.16 -1.91 3.51	0.99
05 53 13 00-0058	SF 1-1/2" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	21.89 12.74 1.59 0.16 -1.82 2.99	0.99
05 53 13 00-0059	SF 1-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	28.97 17.27 2.16 0.16 -2.00 4.05	0.99
05 53 13 00-0060	SF 1-3/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	33.13 19.94 2.49 0.16 -2.11 4.67	0.99
05 53 13 00-0061	SF 2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	37.27 22.59 2.82 0.16 -2.21 5.29	0.99
05 53 13 00-0062	SF 2-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	41.43 25.25 3.16 0.16 -2.31 5.92	0.99
05 53 13 00-0063	SF 2-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	45.57 27.90 3.49 0.16 -2.42 6.54	0.99
05 53 13 00-0064	Riveted Grating (05.53 13) Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 53 13 00-0065			Steel, Riveted Grating <small>(05 53 13 00-0064)</small> Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF		3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating.....	41.29	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	1.89	
			For 304 Stainless Steel, Add	33.77	
			For 5/8" Clear Opening, Add	13.56	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.31	
05 53 13 00-0067	SF		3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....	48.48	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.23	
			For 304 Stainless Steel, Add	39.94	
			For 5/8" Clear Opening, Add	16.04	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.49	
05 53 13 00-0068	SF		1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	44.60	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.05	
			For 304 Stainless Steel, Add	36.61	
			For 5/8" Clear Opening, Add	14.70	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.39	
05 53 13 00-0069	SF		1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	51.23	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.36	
			For 304 Stainless Steel, Add	42.31	
			For 5/8" Clear Opening, Add	16.99	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.56	
05 53 13 00-0070	SF		1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....	47.35	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.18	
			For 304 Stainless Steel, Add	38.97	
			For 5/8" Clear Opening, Add	15.65	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.46	
05 53 13 00-0071	SF		1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating.....	56.33	0.99
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.61	
			For 304 Stainless Steel, Add	46.69	
			For 5/8" Clear Opening, Add	18.75	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.69	
05 53 13 00-0072	SF		1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating.....	50.44	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.30	
			For 304 Stainless Steel, Add	41.24	
			For 5/8" Clear Opening, Add	16.56	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.83	
05 53 13 00-0073	SF		1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating.....	60.05	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.77	
			For 304 Stainless Steel, Add	49.50	
			For 5/8" Clear Opening, Add	19.88	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.07	
05 53 13 00-0074	SF		1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating.....	64.95	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.00	
			For 304 Stainless Steel, Add	53.70	
			For 5/8" Clear Opening, Add	21.57	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.19	
05 53 13 00-0075	SF		2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating.....	75.89	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.53	
			For 304 Stainless Steel, Add	63.10	
			For 5/8" Clear Opening, Add	25.34	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.46	
05 53 13 00-0076	SF		2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating.....	79.71	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.71	
			For 304 Stainless Steel, Add	66.38	
			For 5/8" Clear Opening, Add	26.66	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.56	
05 53 13 00-0077	SF		2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating.....	83.11	1.22
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.87	
			For 304 Stainless Steel, Add	69.30	
			For 5/8" Clear Opening, Add	27.83	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.65	

05 53 13 00-0078			Aluminum, Riveted Grating <small>(05 53 13 00-0064)</small> Note: 1" clear opening, bolted in place and in all sizes.		
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05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating.....	36.20	0.99
		For 5/8" Clear Opening, Add	11.81	
		For Powder Coating, Add	5.13	
		For Set In Place Without Bolting, Deduct	-2.18	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating.....	42.97	0.99
		For 5/8" Clear Opening, Add	14.14	
		For Powder Coating, Add	6.15	
		For Set In Place Without Bolting, Deduct	-2.35	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating.....	39.81	0.99
		For 5/8" Clear Opening, Add	13.05	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	5.67	
		For Set In Place Without Bolting, Deduct	-2.27	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating.....	46.43	0.99
		For 5/8" Clear Opening, Add	15.34	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	6.67	
		For Set In Place Without Bolting, Deduct	-2.44	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating.....	44.65	0.99
		For 5/8" Clear Opening, Add	14.72	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	6.40	
		For Set In Place Without Bolting, Deduct	-2.39	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating.....	53.83	0.99
		For 5/8" Clear Opening, Add	17.89	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	7.78	
		For Set In Place Without Bolting, Deduct	-2.62	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating.....	47.96	0.99
		For 5/8" Clear Opening, Add	15.86	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	6.90	
		For Set In Place Without Bolting, Deduct	-2.48	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	59.61	0.99
		For 5/8" Clear Opening, Add	19.88	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	8.64	
		For Set In Place Without Bolting, Deduct	-2.77	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	65.73	0.99
		For 5/8" Clear Opening, Add	21.99	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	9.56	
		For Set In Place Without Bolting, Deduct	-2.92	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	78.28	0.99
		For 5/8" Clear Opening, Add	26.32	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	11.45	
		For Set In Place Without Bolting, Deduct	-3.23	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	85.40	0.99
		For 5/8" Clear Opening, Add	28.78	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	12.51	
		For Set In Place Without Bolting, Deduct	-3.41	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	94.95	0.99
		For 5/8" Clear Opening, Add	32.07	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	13.95	
		For Set In Place Without Bolting, Deduct	-3.65	

05 54 Metal Floor Plates (05 50)**05 54 00 00-0001 Steel Floor Plates** (05 54)

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	12.40	1.18
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	14.11	1.18
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	17.55	1.18
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates.....	23.42	1.26
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates.....	29.60	1.35

05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	17.96	0.99
		For Powder Coating, Add	2.40	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	20.60	1.18
		For Powder Coating, Add	2.75	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	23.27	1.26
		For Powder Coating, Add	3.11	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	27.07	1.35
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	32.35	1.53
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	41.87	1.80

05 55 Metal Stair Treads And Nosings (05 50)**05 55 13 Metal Stair Treads** (05 55)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 55 13 00-0001	Abrasive Cast Aluminum Stair Treads <small>(05 55 13)</small> Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0002	LF 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread 45.09		5.57
	For 3/8" Thick, Add 9.04		
05 55 13 00-0003	LF 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread 49.34		5.57
	For 3/8" Thick, Add 10.11		
05 55 13 00-0004	LF 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread 53.57		5.57
	For 3/8" Thick, Add 11.16		
05 55 13 00-0005	LF 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread 57.84		5.57
	For 3/8" Thick, Add 12.23		
05 55 13 00-0006	LF 12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread 62.06		5.57
	For 3/8" Thick, Add 13.29		
05 55 13 00-0007	Abrasive Cast Iron Stair Treads <small>(05 55 13)</small> Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF 8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread 61.57		5.57
05 55 13 00-0009	LF 9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread 67.86		5.57
05 55 13 00-0010	LF 10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread 74.17		5.57
05 55 13 00-0011	LF 11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread 80.47		5.57
05 55 13 00-0012	LF 12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread 86.78		5.57
05 55 13 00-0013	Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads <small>(05 55 13)</small> Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF 6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread 25.21		5.57
05 55 13 00-0015	LF 9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread 29.06		5.57
05 55 13 00-0016	LF 11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread 30.76		5.57
05 55 13 00-0017	Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads <small>(05 55 13)</small> Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread 35.84		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
	For Two Color Tread, Add 2.00		
05 55 13 00-0019	LF 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread 36.16		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
	For Two Color Tread, Add 2.00		
05 55 13 00-0020	LF 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread 43.08		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
	For Two Color Tread, Add 2.00		
05 55 13 00-0021	LF 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread 49.15		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
	For Two Color Tread, Add 2.00		
05 55 13 00-0022	LF 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread 57.06		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
	For Two Color Tread, Add 2.00		
05 55 13 00-0023	Stair Landing Treads <small>(05 55 13)</small>		
05 55 13 00-0024	Abrasive Cast Aluminum Stair Landing Treads <small>(05 55 13 00-0023)</small> Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF 5/16" Thick, Abrasive Cast Aluminum Landing Treads 62.06		5.57
	For 3/8" Thick, Add 13.29		
05 55 13 00-0026	Abrasive Cast Iron Stair Landing Treads <small>(05 55 13 00-0023)</small> Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF 3/8" Thick, Abrasive Cast Iron Landing Treads 86.78		5.57
05 55 13 00-0028	Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads <small>(05 55 13 00-0023)</small> Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads 57.76		5.57
	For Epoxy Sealed For Corrosive Environment, Add 2.67		
05 55 13 00-0030	Open Cast Iron Stair Tread <small>(05 55 13)</small> Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR 3'-6" Wide, Open Cast Iron Stair Tread 429.91		36.07
	For Closed Riser, Add 36.63		
05 55 13 00-0032	RSR 4'-0" Wide, Open Cast Iron Stair Tread 485.33		41.48
	For Closed Riser, Add 41.23		
05 55 13 00-0033	RSR 5'-0" Wide, Open Cast Iron Stair Tread 536.34		48.69
	For Closed Riser, Add 45.49		

05 55 16 Metal Stair Nosings (05 55)

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads And Nosings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 55 16 00-0001	Abrasive Cast Aluminum Nosings <small>(05 55 16)</small>		
	Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	19.82	3.80
	For 3/8" Thick, Add	3.44	
05 55 16 00-0003	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	23.92	3.80
	For 3/8" Thick, Add	4.46	
05 55 16 00-0004	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	33.06	3.80
	For 3/8" Thick, Add	6.75	
05 55 16 00-0005	Abrasive Cast Iron Nosings <small>(05 55 16)</small>		
	Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	22.81	3.80
	For 3/8" Thick, Add	4.18	
05 55 16 00-0007	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	27.86	3.80
	For 3/8" Thick, Add	5.45	
05 55 16 00-0008	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	37.85	3.80
	For 3/8" Thick, Add	7.94	
05 55 16 00-0009	Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings <small>(05 55 16)</small>		
	Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.04	3.80
05 55 16 00-0011	LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	19.01	3.80
05 55 16 00-0012	LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	20.52	3.80
05 55 16 00-0013	LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	25.22	3.80
05 55 16 00-0014	LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.57	3.80
05 55 16 00-0015	LF 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	19.26	3.80
05 55 16 00-0016	LF 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	20.93	3.80
05 55 16 00-0017	LF 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	19.91	3.80

05 56 Metal Castings (05 50)

05 56 00 00-0001	Castings <small>(05 56)</small>		
05 56 00 00-0002	LB Up To 150 LB, Miscellaneous Castings, Light Section.....	3.50	0.45
05 56 00 00-0003	LB >150 LB, Miscellaneous Castings, Heavy Section.....	5.75	0.36

05 58 Formed Metal Fabrications (05 50)**05 58 13 Column Covers** (05 58)

05 58 13 00-0001	Architectural Column Cover, Aluminum <small>(05 58 13)</small>		
	Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pitcon Series 1500).		
05 58 13 00-0002	LF 10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	83.75	
	Note: Includes column base and top collar.		
05 58 13 00-0003	LF 12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	98.78	
	Note: Includes column base and top collar.		
05 58 13 00-0004	LF 14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	118.12	
	Note: Includes column base and top collar.		
05 58 13 00-0005	LF 16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	133.14	
	Note: Includes column base and top collar.		
05 58 13 00-0006	LF 18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	149.89	
	Note: Includes column base and top collar.		
05 58 13 00-0007	LF 20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	166.47	
	Note: Includes column base and top collar.		
05 58 13 00-0008	LF 24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	197.69	
	Note: Includes column base and top collar.		
05 58 13 00-0009	LF 30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	243.98	
	Note: Includes column base and top collar.		
05 58 13 00-0010	LF 36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	266.09	
	Note: Includes column base and top collar.		
05 58 13 00-0011	LF 42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	288.21	
	Note: Includes column base and top collar.		
05 58 13 00-0012	LF 48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	324.88	
	Note: Includes column base and top collar.		
05 58 13 00-0013	LF 54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	378.88	
	Note: Includes column base and top collar.		
05 58 13 00-0014	Monolithic Column Cover, Aluminum <small>(05 58 13)</small>		
	Note: Includes painted, and column collars at top and bottom (Pitcon Series 100).		
05 58 13 00-0015	LF 7" Diameter Monolithic Column Cover, Aluminum, Factory.....	32.75	
05 58 13 00-0016	LF 8" Diameter Monolithic Column Cover, Aluminum, Factory.....	37.13	
05 58 13 00-0017	LF 9" Diameter Monolithic Column Cover, Aluminum, Factory.....	41.34	
05 58 13 00-0018	LF 10" Diameter Monolithic Column Cover, Aluminum, Factory.....	45.85	
05 58 13 00-0019	LF 12" Diameter Monolithic Column Cover, Aluminum, Factory Primed.....	54.30	
	Note: Including Column Base And Top Collar		

05 58 16 Formed Metal Enclosures (05 58)

05 58 16 00-0001	Drip Pan <small>(05 58 16)</small>		
05 58 16 00-0002	SF Stainless Steel Drip Pan.....	68.56	5.39

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 58 16 00-0003	SF	Galvanized Steel Drip Pan.....	67.76	5.39
05 58 16 00-0004	SF	Aluminum Drip Pan.....	47.84	4.31
05 58 16 00-0005	SF	Plastic Drip Pan.....	13.82	3.77
05 58 23 Formed Metal Guards (05 58)				
05 58 23 00-0001		Protective Guard Rails (05 58 23) Note: Includes painted finish.		
05 58 23 00-0002		2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Armor Guard.		
05 58 23 00-0003		Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	129.45	18.25
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	150.70	18.25
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	170.74	18.25
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	191.98	18.25
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	212.14	18.25
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	238.27	18.25
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	256.07	18.25
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	283.63	18.25
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	301.72	18.25
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	314.64	18.25
05 58 23 00-0014		Posts For 2-Rib Guard Rails (05 58 23 00-0002) Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails.....	264.35	38.00
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails.....	338.14	38.00
05 58 23 00-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Steel Guard.		
05 58 23 00-0018		Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	142.26	18.25
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	156.38	18.25
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	174.01	18.25
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	190.49	18.25
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	209.56	18.25
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	218.74	18.25
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	240.85	18.25
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	259.51	18.25
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	279.32	18.25
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	299.42	18.25
05 58 23 00-0029		Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017) Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	205.82	18.25
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	221.33	18.25
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	237.41	18.25
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	256.07	18.25
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	274.73	18.25
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	289.95	18.25
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	307.46	18.25
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	327.27	18.25
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	348.52	18.25
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	367.18	18.25
05 58 23 00-0040		Posts For 3-Rib Guard Rails (05 58 23 00-0017) Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails.....	234.95	38.00
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails.....	294.79	38.00
05 58 23 00-0043		All-Welded, Protective Guards (05 58 23) Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards (05 58 23 00-0043)		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	307.20	50.68
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	321.55	50.68
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	329.88	50.68
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	342.22	50.68
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	339.35	50.68
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	354.57	50.68
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	358.88	50.68
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	363.76	50.68
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	387.01	50.68
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	396.20	50.68

05 Metals**05 50 Metal Fabrications****05 58 Formed Metal Fabrications**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	413.43	50.68
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	420.60	50.68
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	455.92	50.68

05 58 23 00-0059 Warehouse Safety Bollards (05 58 23)

Note: Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	200.56	38.00
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	228.93	38.00
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	258.96	38.00
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	267.17	38.00
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	286.12	38.00

05 59 Metal Specialties (05 59)**05 59 65 Metal Chain** (05 59)**05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length** (05 59 65)

Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.

05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	4.29	0.88
		<i>For Plastic Dipped, Add</i>	0.38	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	5.75	1.17
		<i>For Plastic Dipped, Add</i>	0.51	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	9.27	2.33
		<i>For Plastic Dipped, Add</i>	0.69	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	14.95	3.93
		<i>For Plastic Dipped, Add</i>	1.06	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	25.24	6.64
		<i>For Plastic Dipped, Add</i>	1.79	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	35.42	9.33
		<i>For Plastic Dipped, Add</i>	2.52	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	47.91	11.65
		<i>For Plastic Dipped, Add</i>	3.69	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	68.79	15.53
		<i>For Plastic Dipped, Add</i>	5.66	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	111.15	23.31
		<i>For Plastic Dipped, Add</i>	9.68	

05 59 69 Metal Panels (05 59)**05 59 69 00-0001 Woven And Welded Wire Cloth** (05 59 69)

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels (05 59 69 00-0001)**05 59 69 00-0003 2" Square Wire Spacing** (05 59 69 00-0002)

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....	7.05	2.49
		<i>For Up To 2, Add</i>	2.07	
		<i>For >2 To 6, Add</i>	1.20	
		<i>For >15 To 40, Deduct</i>	-0.19	
		<i>For >40, Deduct</i>	-0.56	
		<i>For Galvanized, Add</i>	1.64	
		<i>For Aluminum, Add</i>	2.24	
		<i>For 304 Stainless Steel, Add</i>	8.95	
		<i>For 316 Stainless Steel, Add</i>	10.26	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....	7.56	2.60
		<i>For Up To 2, Add</i>	2.20	
		<i>For >2 To 6, Add</i>	1.28	
		<i>For >15 To 40, Deduct</i>	-0.21	
		<i>For >40, Deduct</i>	-0.62	
		<i>For Galvanized, Add</i>	1.80	
		<i>For Aluminum, Add</i>	2.46	
		<i>For 304 Stainless Steel, Add</i>	9.84	
		<i>For 316 Stainless Steel, Add</i>	11.28	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels.....	8.07	2.87
		<i>For Up To 2, Add</i>	2.38	
		<i>For >2 To 6, Add</i>	1.38	
		<i>For >15 To 40, Deduct</i>	-0.21	
		<i>For >40, Deduct</i>	-0.64	
		<i>For Galvanized, Add</i>	1.87	
		<i>For Aluminum, Add</i>	2.54	
		<i>For 304 Stainless Steel, Add</i>	10.18	
		<i>For 316 Stainless Steel, Add</i>	11.66	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels.....	8.50	2.99
		<i>For Up To 2, Add</i>	2.50	
		<i>For >2 To 6, Add</i>	1.45	
		<i>For >15 To 40, Deduct</i>	-0.23	
		<i>For >40, Deduct</i>	-0.68	
		<i>For Galvanized, Add</i>	1.98	
		<i>For Aluminum, Add</i>	2.71	
		<i>For 304 Stainless Steel, Add</i>	10.82	
		<i>For 316 Stainless Steel, Add</i>	12.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0008	SF		0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	9.32	3.36
			For Up To 2, Add	2.76	
			For >2 To 6, Add	1.60	
			For >15 To 40, Deduct	-0.24	
			For >40, Deduct	-0.73	
			For Galvanized, Add	2.13	
			For Aluminum, Add	2.90	
			For 304 Stainless Steel, Add	11.62	
			For 316 Stainless Steel, Add	13.31	
05 59 69 00-0009	SF		0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	10.67	3.74
			For Up To 2, Add	3.13	
			For >2 To 6, Add	1.82	
			For >15 To 40, Deduct	-0.28	
			For >40, Deduct	-0.85	
			For Galvanized, Add	2.50	
			For Aluminum, Add	3.41	
			For 304 Stainless Steel, Add	13.63	
			For 316 Stainless Steel, Add	15.62	
05 59 69 00-0010	SF		0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	12.06	4.11
			For Up To 2, Add	3.51	
			For >2 To 6, Add	2.03	
			For >15 To 40, Deduct	-0.33	
			For >40, Deduct	-0.99	
			For Galvanized, Add	2.90	
			For Aluminum, Add	3.95	
			For 304 Stainless Steel, Add	15.79	
			For 316 Stainless Steel, Add	18.10	
05 59 69 00-0011	SF		0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	13.77	4.57
			For Up To 2, Add	3.97	
			For >2 To 6, Add	2.29	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.43	
			For 316 Stainless Steel, Add	21.12	
05 59 69 00-0012			1-3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	7.40	2.64
			For Up To 2, Add	2.18	
			For >2 To 6, Add	1.27	
			For >15 To 40, Deduct	-0.19	
			For >40, Deduct	-0.58	
			For Galvanized, Add	1.71	
			For Aluminum, Add	2.33	
			For 304 Stainless Steel, Add	9.34	
			For 316 Stainless Steel, Add	10.70	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	8.11	2.78
			For Up To 2, Add	2.36	
			For >2 To 6, Add	1.37	
			For >15 To 40, Deduct	-0.22	
			For >40, Deduct	-0.66	
			For Galvanized, Add	1.94	
			For Aluminum, Add	2.64	
			For 304 Stainless Steel, Add	10.56	
			For 316 Stainless Steel, Add	12.10	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	8.75	3.12
			For Up To 2, Add	2.58	
			For >2 To 6, Add	1.50	
			For >15 To 40, Deduct	-0.23	
			For >40, Deduct	-0.69	
			For Galvanized, Add	2.02	
			For Aluminum, Add	2.75	
			For 304 Stainless Steel, Add	11.02	
			For 316 Stainless Steel, Add	12.62	
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	9.13	3.22
			For Up To 2, Add	2.68	
			For >2 To 6, Add	1.56	
			For >15 To 40, Deduct	-0.24	
			For >40, Deduct	-0.73	
			For Galvanized, Add	2.13	
			For Aluminum, Add	2.90	
			For 304 Stainless Steel, Add	11.62	
			For 316 Stainless Steel, Add	13.31	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	10.02	3.61
			For Up To 2, Add	2.97	
			For >2 To 6, Add	1.72	
			For >15 To 40, Deduct	-0.26	
			For >40, Deduct	-0.78	
			For Galvanized, Add	2.29	
			For Aluminum, Add	3.13	
			For 304 Stainless Steel, Add	12.50	
			For 316 Stainless Steel, Add	14.33	

05	Metals
05 50	Metal Fabrications
05 59	Metal Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	11.48	4.02
			For Up To 2, Add	3.37	
			For >2 To 6, Add	1.95	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.92	
			For Galvanized, Add	2.69	
			For Aluminum, Add	3.67	
			For 304 Stainless Steel, Add	14.66	
			For 316 Stainless Steel, Add	16.80	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	12.96	4.42
			For Up To 2, Add	3.77	
			For >2 To 6, Add	2.18	
			For >15 To 40, Deduct	-0.35	
			For >40, Deduct	-1.06	
			For Galvanized, Add	3.11	
			For Aluminum, Add	4.24	
			For 304 Stainless Steel, Add	16.94	
			For 316 Stainless Steel, Add	19.42	
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	14.82	4.91
			For Up To 2, Add	4.27	
			For >2 To 6, Add	2.46	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.64	
			For Aluminum, Add	4.96	
			For 304 Stainless Steel, Add	19.85	
			For 316 Stainless Steel, Add	22.74	
05 59 69 00-0021			1-1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	8.19	2.93
			For Up To 2, Add	2.42	
			For >2 To 6, Add	1.40	
			For >15 To 40, Deduct	-0.22	
			For >40, Deduct	-0.65	
			For Galvanized, Add	1.89	
			For Aluminum, Add	2.58	
			For 304 Stainless Steel, Add	10.32	
			For 316 Stainless Steel, Add	11.83	
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	8.97	3.08
			For Up To 2, Add	2.61	
			For >2 To 6, Add	1.51	
			For >15 To 40, Deduct	-0.24	
			For >40, Deduct	-0.73	
			For Galvanized, Add	2.14	
			For Aluminum, Add	2.92	
			For 304 Stainless Steel, Add	11.69	
			For 316 Stainless Steel, Add	13.39	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.58	3.41
			For Up To 2, Add	2.83	
			For >2 To 6, Add	1.64	
			For >15 To 40, Deduct	-0.25	
			For >40, Deduct	-0.75	
			For Galvanized, Add	2.21	
			For Aluminum, Add	3.02	
			For 304 Stainless Steel, Add	12.07	
			For 316 Stainless Steel, Add	13.83	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	10.09	3.55
			For Up To 2, Add	2.97	
			For >2 To 6, Add	1.72	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.80	
			For Galvanized, Add	2.35	
			For Aluminum, Add	3.21	
			For 304 Stainless Steel, Add	12.84	
			For 316 Stainless Steel, Add	14.71	
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	11.02	3.97
			For Up To 2, Add	3.26	
			For >2 To 6, Add	1.90	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.86	
			For Galvanized, Add	2.52	
			For Aluminum, Add	3.44	
			For 304 Stainless Steel, Add	13.75	
			For 316 Stainless Steel, Add	15.76	
05 59 69 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	12.55	4.40
			For Up To 2, Add	3.68	
			For >2 To 6, Add	2.14	
			For >15 To 40, Deduct	-0.33	
			For >40, Deduct	-1.00	
			For Galvanized, Add	2.94	
			For Aluminum, Add	4.01	
			For 304 Stainless Steel, Add	16.03	
			For 316 Stainless Steel, Add	18.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	14.17	4.84
			For Up To 2, Add	4.12	
			For >2 To 6, Add	2.38	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.16	
			For Galvanized, Add	3.40	
			For Aluminum, Add	4.64	
			For 304 Stainless Steel, Add	18.55	
			For 316 Stainless Steel, Add	21.26	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	16.16	5.36
			For Up To 2, Add	4.66	
			For >2 To 6, Add	2.69	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.35	
			For Galvanized, Add	3.97	
			For Aluminum, Add	5.41	
			For 304 Stainless Steel, Add	21.65	
			For 316 Stainless Steel, Add	24.81	
05 59 69 00-0030			1-1/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0031	SF		0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	8.45	3.16
			For Up To 2, Add	2.54	
			For >2 To 6, Add	1.48	
			For >15 To 40, Deduct	-0.21	
			For >40, Deduct	-0.63	
			For Galvanized, Add	1.86	
			For Aluminum, Add	2.53	
			For 304 Stainless Steel, Add	10.13	
			For 316 Stainless Steel, Add	11.61	
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	9.10	3.32
			For Up To 2, Add	2.71	
			For >2 To 6, Add	1.57	
			For >15 To 40, Deduct	-0.23	
			For >40, Deduct	-0.70	
			For Galvanized, Add	2.05	
			For Aluminum, Add	2.80	
			For 304 Stainless Steel, Add	11.21	
			For 316 Stainless Steel, Add	12.84	
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.84	3.46
			For Up To 2, Add	2.89	
			For >2 To 6, Add	1.68	
			For >15 To 40, Deduct	-0.26	
			For >40, Deduct	-0.78	
			For Galvanized, Add	2.30	
			For Aluminum, Add	3.13	
			For 304 Stainless Steel, Add	12.53	
			For 316 Stainless Steel, Add	14.36	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	10.13	3.52
			For Up To 2, Add	2.97	
			For >2 To 6, Add	1.72	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.81	
			For Galvanized, Add	2.39	
			For Aluminum, Add	3.26	
			For 304 Stainless Steel, Add	13.03	
			For 316 Stainless Steel, Add	14.93	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	11.02	3.98
			For Up To 2, Add	3.26	
			For >2 To 6, Add	1.90	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.86	
			For Galvanized, Add	2.52	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	13.73	
			For 316 Stainless Steel, Add	15.73	
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	12.42	4.48
			For Up To 2, Add	3.68	
			For >2 To 6, Add	2.14	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.97	
			For Galvanized, Add	2.84	
			For Aluminum, Add	3.87	
			For 304 Stainless Steel, Add	15.48	
			For 316 Stainless Steel, Add	17.74	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	14.08	4.94
			For Up To 2, Add	4.13	
			For >2 To 6, Add	2.40	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.13	
			For Galvanized, Add	3.30	
			For Aluminum, Add	4.50	
			For 304 Stainless Steel, Add	18.00	
			For 316 Stainless Steel, Add	20.63	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	15.82	5.40
		For Up To 2, Add	4.60	
		For >2 To 6, Add	2.66	
		For >15 To 40, Deduct	-0.43	
		For >40, Deduct	-1.29	
		For Galvanized, Add	3.80	
		For Aluminum, Add	5.18	
		For 304 Stainless Steel, Add	20.71	
		For 316 Stainless Steel, Add	23.73	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	18.08	6.00
		For Up To 2, Add	5.21	
		For >2 To 6, Add	3.01	
		For >15 To 40, Deduct	-0.50	
		For >40, Deduct	-1.51	
		For Galvanized, Add	4.44	
		For Aluminum, Add	6.05	
		For 304 Stainless Steel, Add	24.22	
		For 316 Stainless Steel, Add	27.75	
05 59 69 00-0040		1" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels.....	9.66	3.71
		For Up To 2, Add	2.92	
		For >2 To 6, Add	1.71	
		For >15 To 40, Deduct	-0.24	
		For >40, Deduct	-0.71	
		For Galvanized, Add	2.08	
		For Aluminum, Add	2.83	
		For 304 Stainless Steel, Add	11.33	
		For 316 Stainless Steel, Add	12.98	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	10.33	3.86
		For Up To 2, Add	3.10	
		For >2 To 6, Add	1.81	
		For >15 To 40, Deduct	-0.26	
		For >40, Deduct	-0.78	
		For Galvanized, Add	2.28	
		For Aluminum, Add	3.11	
		For 304 Stainless Steel, Add	12.43	
		For 316 Stainless Steel, Add	14.25	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels.....	10.76	4.02
		For Up To 2, Add	3.23	
		For >2 To 6, Add	1.88	
		For >15 To 40, Deduct	-0.27	
		For >40, Deduct	-0.81	
		For Galvanized, Add	2.37	
		For Aluminum, Add	3.23	
		For 304 Stainless Steel, Add	12.91	
		For 316 Stainless Steel, Add	14.80	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels.....	11.46	4.08
		For Up To 2, Add	3.38	
		For >2 To 6, Add	1.96	
		For >15 To 40, Deduct	-0.30	
		For >40, Deduct	-0.90	
		For Galvanized, Add	2.64	
		For Aluminum, Add	3.61	
		For 304 Stainless Steel, Add	14.42	
		For 316 Stainless Steel, Add	16.53	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels.....	12.77	4.61
		For Up To 2, Add	3.78	
		For >2 To 6, Add	2.20	
		For >15 To 40, Deduct	-0.33	
		For >40, Deduct	-0.99	
		For Galvanized, Add	2.91	
		For Aluminum, Add	3.97	
		For 304 Stainless Steel, Add	15.89	
		For 316 Stainless Steel, Add	18.21	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels.....	14.32	5.15
		For Up To 2, Add	4.24	
		For >2 To 6, Add	2.46	
		For >15 To 40, Deduct	-0.37	
		For >40, Deduct	-1.12	
		For Galvanized, Add	3.27	
		For Aluminum, Add	4.46	
		For 304 Stainless Steel, Add	17.86	
		For 316 Stainless Steel, Add	20.46	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels.....	16.34	5.72
		For Up To 2, Add	4.80	
		For >2 To 6, Add	2.78	
		For >15 To 40, Deduct	-0.44	
		For >40, Deduct	-1.31	
		For Galvanized, Add	3.83	
		For Aluminum, Add	5.22	
		For 304 Stainless Steel, Add	20.88	
		For 316 Stainless Steel, Add	23.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0048	SF		0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	18.33	6.26
			For Up To 2, Add	5.33	
			For >2 To 6, Add	3.08	
			For >15 To 40, Deduct	-0.50	
			For >40, Deduct	-1.50	
			For Galvanized, Add	4.40	
			For Aluminum, Add	6.00	
			For 304 Stainless Steel, Add	24.00	
			For 316 Stainless Steel, Add	27.50	
05 59 69 00-0049	SF		0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	20.86	6.92
			For Up To 2, Add	6.02	
			For >2 To 6, Add	3.47	
			For >15 To 40, Deduct	-0.58	
			For >40, Deduct	-1.75	
			For Galvanized, Add	5.12	
			For Aluminum, Add	6.98	
			For 304 Stainless Steel, Add	27.94	
			For 316 Stainless Steel, Add	32.01	
05 59 69 00-0050			3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0051	SF		0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.76	3.70
			For Up To 2, Add	2.94	
			For >2 To 6, Add	1.72	
			For >15 To 40, Deduct	-0.24	
			For >40, Deduct	-0.72	
			For Galvanized, Add	2.13	
			For Aluminum, Add	2.90	
			For 304 Stainless Steel, Add	11.59	
			For 316 Stainless Steel, Add	13.28	
05 59 69 00-0052	SF		0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	10.91	4.15
			For Up To 2, Add	3.29	
			For >2 To 6, Add	1.92	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.81	
			For Galvanized, Add	2.37	
			For Aluminum, Add	3.23	
			For 304 Stainless Steel, Add	12.91	
			For 316 Stainless Steel, Add	14.80	
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	12.10	4.69
			For Up To 2, Add	3.67	
			For >2 To 6, Add	2.15	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.88	
			For Galvanized, Add	2.57	
			For Aluminum, Add	3.51	
			For 304 Stainless Steel, Add	14.04	
			For 316 Stainless Steel, Add	16.09	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	13.07	5.00
			For Up To 2, Add	3.95	
			For >2 To 6, Add	2.31	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.96	
			For Galvanized, Add	2.82	
			For Aluminum, Add	3.84	
			For 304 Stainless Steel, Add	15.36	
			For 316 Stainless Steel, Add	17.60	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	15.07	5.62
			For Up To 2, Add	4.51	
			For >2 To 6, Add	2.63	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.14	
			For Galvanized, Add	3.33	
			For Aluminum, Add	4.54	
			For 304 Stainless Steel, Add	18.17	
			For 316 Stainless Steel, Add	20.82	
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	17.29	6.29
			For Up To 2, Add	5.13	
			For >2 To 6, Add	2.99	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.34	
			For Galvanized, Add	3.92	
			For Aluminum, Add	5.35	
			For 304 Stainless Steel, Add	21.38	
			For 316 Stainless Steel, Add	24.50	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	19.64	6.94
			For Up To 2, Add	5.78	
			For >2 To 6, Add	3.35	
			For >15 To 40, Deduct	-0.52	
			For >40, Deduct	-1.56	
			For Galvanized, Add	4.56	
			For Aluminum, Add	6.22	
			For 304 Stainless Steel, Add	24.89	
			For 316 Stainless Steel, Add	28.52	

05 Metals

05 50 Metal Fabrications

05 59 Metal Specialties

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels.....	21.93	7.56
		For Up To 2, Add	6.40	
		For >2 To 6, Add	3.70	
		For >15 To 40, Deduct	-0.59	
		For >40, Deduct	-1.78	
		For Galvanized, Add	5.22	
		For Aluminum, Add	7.12	
		For 304 Stainless Steel, Add	28.46	
		For 316 Stainless Steel, Add	32.62	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels.....	24.94	8.35
		For Up To 2, Add	7.21	
		For >2 To 6, Add	4.16	
		For >15 To 40, Deduct	-0.69	
		For >40, Deduct	-2.07	
		For Galvanized, Add	6.08	
		For Aluminum, Add	8.29	
		For 304 Stainless Steel, Add	33.14	
		For 316 Stainless Steel, Add	37.98	
05 59 69 00-0060		1/2" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels.....	10.21	3.96
		For Up To 2, Add	3.10	
		For >2 To 6, Add	1.81	
		For >15 To 40, Deduct	-0.25	
		For >40, Deduct	-0.74	
		For Galvanized, Add	2.17	
		For Aluminum, Add	2.96	
		For 304 Stainless Steel, Add	11.86	
		For 316 Stainless Steel, Add	13.59	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels.....	12.01	4.81
		For Up To 2, Add	3.69	
		For >2 To 6, Add	2.16	
		For >15 To 40, Deduct	-0.28	
		For >40, Deduct	-0.84	
		For Galvanized, Add	2.46	
		For Aluminum, Add	3.35	
		For 304 Stainless Steel, Add	13.42	
		For 316 Stainless Steel, Add	15.37	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels.....	14.48	5.69
		For Up To 2, Add	4.41	
		For >2 To 6, Add	2.59	
		For >15 To 40, Deduct	-0.34	
		For >40, Deduct	-1.03	
		For Galvanized, Add	3.03	
		For Aluminum, Add	4.13	
		For 304 Stainless Steel, Add	16.54	
		For 316 Stainless Steel, Add	18.95	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels.....	16.66	6.39
		For Up To 2, Add	5.04	
		For >2 To 6, Add	2.94	
		For >15 To 40, Deduct	-0.41	
		For >40, Deduct	-1.22	
		For Galvanized, Add	3.58	
		For Aluminum, Add	4.88	
		For 304 Stainless Steel, Add	19.54	
		For 316 Stainless Steel, Add	22.39	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels.....	19.08	7.13
		For Up To 2, Add	5.72	
		For >2 To 6, Add	3.33	
		For >15 To 40, Deduct	-0.48	
		For >40, Deduct	-1.44	
		For Galvanized, Add	4.21	
		For Aluminum, Add	5.74	
		For 304 Stainless Steel, Add	22.97	
		For 316 Stainless Steel, Add	26.32	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels.....	21.82	7.95
		For Up To 2, Add	6.48	
		For >2 To 6, Add	3.77	
		For >15 To 40, Deduct	-0.56	
		For >40, Deduct	-1.68	
		For Galvanized, Add	4.94	
		For Aluminum, Add	6.73	
		For 304 Stainless Steel, Add	26.93	
		For 316 Stainless Steel, Add	30.86	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels.....	24.61	8.73
		For Up To 2, Add	7.25	
		For >2 To 6, Add	4.21	
		For >15 To 40, Deduct	-0.65	
		For >40, Deduct	-1.95	
		For Galvanized, Add	5.71	
		For Aluminum, Add	7.78	
		For 304 Stainless Steel, Add	31.13	
		For 316 Stainless Steel, Add	35.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0068	SF		0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	27.44	9.48
			For Up To 2, Add	8.01	
			For >2 To 6, Add	4.64	
			For >15 To 40, Deduct	-0.74	
			For >40, Deduct	-2.22	
			For Galvanized, Add	6.52	
			For Aluminum, Add	8.89	
			For 304 Stainless Steel, Add	35.54	
			For 316 Stainless Steel, Add	40.73	
05 59 69 00-0069	SF		0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	28.70	10.42
			For Up To 2, Add	8.52	
			For >2 To 6, Add	4.95	
			For >15 To 40, Deduct	-0.74	
			For >40, Deduct	-2.22	
			For Galvanized, Add	6.52	
			For Aluminum, Add	8.89	
			For 304 Stainless Steel, Add	35.54	
			For 316 Stainless Steel, Add	40.73	
05 59 69 00-0070			Expanded Metal Panels <small>(05 59 69)</small>		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0071			Plain Flattened Expanded Metal Diamond Shape Panels <small>(05 59 69 00-0070)</small>		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0072	SF		1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	7.99	3.41
			For Galvanized, Add	1.51	
			For Aluminum, Add	2.06	
			For 304 Stainless Steel, Add	8.26	
			For 316 Stainless Steel, Add	9.46	
05 59 69 00-0073	SF		1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	9.85	3.74
			For Galvanized, Add	2.14	
			For Aluminum, Add	2.92	
			For 304 Stainless Steel, Add	11.66	
			For 316 Stainless Steel, Add	13.37	
05 59 69 00-0074	SF		1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	5.82	2.64
			For Galvanized, Add	1.02	
			For Aluminum, Add	1.39	
			For 304 Stainless Steel, Add	5.54	
			For 316 Stainless Steel, Add	6.35	
05 59 69 00-0075	SF		1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	6.36	2.87
			For Galvanized, Add	1.11	
			For Aluminum, Add	1.52	
			For 304 Stainless Steel, Add	6.07	
			For 316 Stainless Steel, Add	6.96	
05 59 69 00-0076	SF		1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	7.25	3.41
			For Galvanized, Add	1.19	
			For Aluminum, Add	1.62	
			For 304 Stainless Steel, Add	6.48	
			For 316 Stainless Steel, Add	7.43	
05 59 69 00-0077	SF		1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	9.30	4.40
			For Galvanized, Add	1.51	
			For Aluminum, Add	2.06	
			For 304 Stainless Steel, Add	8.23	
			For 316 Stainless Steel, Add	9.43	
05 59 69 00-0078	SF		3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	5.18	2.60
			For Galvanized, Add	0.76	
			For Aluminum, Add	1.03	
			For 304 Stainless Steel, Add	4.13	
			For 316 Stainless Steel, Add	4.73	
05 59 69 00-0079	SF		3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	5.76	2.78
			For Galvanized, Add	0.90	
			For Aluminum, Add	1.23	
			For 304 Stainless Steel, Add	4.92	
			For 316 Stainless Steel, Add	5.64	
05 59 69 00-0080	SF		3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	6.56	3.12
			For Galvanized, Add	1.06	
			For Aluminum, Add	1.44	
			For 304 Stainless Steel, Add	5.76	
			For 316 Stainless Steel, Add	6.60	
05 59 69 00-0081	SF		3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	10.43	5.15
			For Galvanized, Add	1.56	
			For Aluminum, Add	2.13	
			For 304 Stainless Steel, Add	8.52	
			For 316 Stainless Steel, Add	9.76	
05 59 69 00-0082	SF		1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	5.90	3.16
			For Galvanized, Add	0.73	
			For Aluminum, Add	1.00	
			For 304 Stainless Steel, Add	4.01	
			For 316 Stainless Steel, Add	4.59	
05 59 69 00-0083	SF		1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.00	2.49
			For Galvanized, Add	0.74	
			For Aluminum, Add	1.01	
			For 304 Stainless Steel, Add	4.03	
			For 316 Stainless Steel, Add	4.62	
05 59 69 00-0084	SF		1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	5.78	2.93
			For Galvanized, Add	0.83	
			For Aluminum, Add	1.13	
			For 304 Stainless Steel, Add	4.54	
			For 316 Stainless Steel, Add	5.20	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	8.75	3.96
		<i>For Galvanized, Add</i>	1.53	
		<i>For Aluminum, Add</i>	2.09	
		<i>For 304 Stainless Steel, Add</i>	8.35	
		<i>For 316 Stainless Steel, Add</i>	9.57	

05 70 Decorative Metal (05)

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs (05 70)**05 71 13 Fabricated Metal Spiral Stairs** (05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units (05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread (05 71 13 00-0001)

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails.....	294.54	45.09
		<i>For Galvanized, Add</i>	143.06	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails.....	334.45	49.59
		<i>For Galvanized, Add</i>	164.68	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails.....	369.61	54.10
		<i>For Galvanized, Add</i>	182.98	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails.....	396.45	58.61
		<i>For Galvanized, Add</i>	195.46	

05 73 Decorative Metal Railings (05 70)

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings (05 73)**05 73 23 00-0001 Railings; Vertical Square Bars At 6"** (05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	66.96	9.92
		<i>For Rake Or Angle Railings, Add</i>	8.97	
		<i>For Curved Railings, Add</i>	18.68	
		<i>For 4" On Center Standards, Add</i>	2.03	
		<i>For 4-1/2" On Center Standards, Add</i>	1.62	
		<i>For 5" On Center Standards, Add</i>	1.08	
		<i>For 5-1/2" On Center Standards, Add</i>	0.54	
		<i>For Each Field Bending Of Rails, Add</i>	12.49	
		<i>For Galvanized, Add</i>	3.78	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	122.33	13.52
		<i>For Rake Or Angle Railings, Add</i>	14.34	
		<i>For Curved Railings, Add</i>	39.91	
		<i>For 4" On Center Standards, Add</i>	5.05	
		<i>For 4-1/2" On Center Standards, Add</i>	4.04	
		<i>For 5" On Center Standards, Add</i>	2.69	
		<i>For 5-1/2" On Center Standards, Add</i>	1.35	
		<i>For Each Field Bending Of Rails, Add</i>	16.24	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	184.40	22.54
		<i>For Rake Or Angle Railings, Add</i>	21.22	
		<i>For Curved Railings, Add</i>	61.28	
		<i>For 4" On Center Standards, Add</i>	7.88	
		<i>For 4-1/2" On Center Standards, Add</i>	6.30	
		<i>For 5" On Center Standards, Add</i>	4.20	
		<i>For 5-1/2" On Center Standards, Add</i>	2.10	
		<i>For Each Field Bending Of Rails, Add</i>	22.34	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	213.79	18.03
		<i>For Rake Or Angle Railings, Add</i>	22.46	
		<i>For Curved Railings, Add</i>	77.04	
		<i>For 4" On Center Standards, Add</i>	10.54	
		<i>For 4-1/2" On Center Standards, Add</i>	8.43	
		<i>For 5" On Center Standards, Add</i>	5.62	
		<i>For 5-1/2" On Center Standards, Add</i>	2.81	
		<i>For Each Field Bending Of Rails, Add</i>	20.81	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	188.61	27.50
		<i>For Rake Or Angle Railings, Add</i>	18.72	
		<i>For Curved Railings, Add</i>	71.04	
		<i>For 4" On Center Standards, Add</i>	10.02	
		<i>For 4-1/2" On Center Standards, Add</i>	8.02	
		<i>For 5" On Center Standards, Add</i>	5.34	
		<i>For 5-1/2" On Center Standards, Add</i>	2.67	
		<i>For Each Field Bending Of Rails, Add</i>	16.25	
05 73 23 00-0007	LF	Laminated Metal Or Wood Handrails With Metal Supports <small>(05 73 23)</small>	104.47	4.51
05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	104.47	4.51
		<i>For Rake Or Angle Railings, Add</i>	8.72	
		<i>For Curved Railings, Add</i>	43.97	
		<i>For 4" On Center Standards, Add</i>	6.63	
		<i>For 4-1/2" On Center Standards, Add</i>	5.31	
		<i>For 5" On Center Standards, Add</i>	3.54	
		<i>For 5-1/2" On Center Standards, Add</i>	1.77	
		<i>For Each Field Bending Of Rails, Add</i>	6.51	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 73 23 00-0009				Plain Handrails <small>(05 73 23)</small>		
05 73 23 00-0010	LF			2" Brass Handrail	40.89	9.54
05 73 23 00-0011	EA			90 Degree Angle For 2" Brass Handrail	95.47	35.81
05 73 23 00-0012	EA			End Cap For 2" Brass Handrail	43.96	17.95
05 73 23 00-0013	EA			Brass Bracket And Joint For 2" Brass Handrail	72.53	35.81
05 73 23 00-0014	LF			2" Stainless Steel Handrail	52.66	11.92

05 73 23 00-0015				Restoration Of Existing Metal Handrail And Railing <small>(05 73 23)</small>		
<small>Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0367 for painting.</small>						
05 73 23 00-0016	LF			Refinish Metal Handrail	9.17	
05 73 23 00-0017	LF			Refinish Wrought Iron Balustrade	9.12	

05 73 23 00-0018				Remove/Reinstall Ornamental Railing <small>(05 73 23)</small>		
05 73 23 00-0019	LF			Removal And Reinstallation Of Ornamental Handrail And Pickets	82.95	

05 75 Decorative Formed Metal (05 70)

05 75 00 00-0001				Metal Sheets, Installed On Walls <small>(05 75)</small>		
<small>Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.</small>						

05 75 00 00-0002				Copper Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
<small>Note: Includes field fabrication.</small>						
05 75 00 00-0003	SF			0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	19.66	1.98
				<i>For >16 To 200, Deduct</i>	-1.13	
				<i>For >200 To 500, Deduct</i>	-2.26	
				<i>For >500, Deduct</i>	-3.25	
05 75 00 00-0004	SF			0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	24.39	2.21
				<i>For >16 To 200, Deduct</i>	-1.38	
				<i>For >200 To 500, Deduct</i>	-2.77	
				<i>For >500, Deduct</i>	-3.99	
05 75 00 00-0005	SF			0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	26.69	2.38
				<i>For >16 To 200, Deduct</i>	-1.51	
				<i>For >200 To 500, Deduct</i>	-3.03	
				<i>For >500, Deduct</i>	-4.36	
05 75 00 00-0006	SF			0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	28.77	2.50
				<i>For >16 To 200, Deduct</i>	-1.63	
				<i>For >200 To 500, Deduct</i>	-3.25	
				<i>For >500, Deduct</i>	-4.69	
05 75 00 00-0007	SF			0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	32.67	2.61
				<i>For >16 To 200, Deduct</i>	-1.83	
				<i>For >200 To 500, Deduct</i>	-3.66	
				<i>For >500, Deduct</i>	-5.29	
05 75 00 00-0008	SF			0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	41.05	2.73
				<i>For >16 To 200, Deduct</i>	-2.26	
				<i>For >200 To 500, Deduct</i>	-4.52	
				<i>For >500, Deduct</i>	-6.57	
05 75 00 00-0009	SF			0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	47.89	2.85
				<i>For >16 To 200, Deduct</i>	-2.61	
				<i>For >200 To 500, Deduct</i>	-5.22	
				<i>For >500, Deduct</i>	-7.61	
05 75 00 00-0010	SF			0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	57.77	3.09
				<i>For >16 To 200, Deduct</i>	-3.12	
				<i>For >200 To 500, Deduct</i>	-6.24	
				<i>For >500, Deduct</i>	-9.13	
05 75 00 00-0011	SF			0.08" Thick Copper Sheet, Installed On Walls	70.69	3.33
				<i>For >16 To 200, Deduct</i>	-3.78	
				<i>For >200 To 500, Deduct</i>	-7.57	
				<i>For >500, Deduct</i>	-11.10	
05 75 00 00-0012	SF			0.125" Thick Copper Sheet, Installed On Walls	103.03	3.57
				<i>For >16 To 200, Deduct</i>	-5.42	
				<i>For >200 To 500, Deduct</i>	-10.84	
				<i>For >500, Deduct</i>	-15.99	

05 75 00 00-0013				Stainless Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
<small>Note: Includes field fabrication.</small>						
05 75 00 00-0014	SF			0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	10.94	2.01
				<i>For >16 To 200, Deduct</i>	-0.70	
				<i>For >200 To 500, Deduct</i>	-1.40	
				<i>For >500, Deduct</i>	-1.94	
05 75 00 00-0015	SF			0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	12.31	2.17
				<i>For >16 To 200, Deduct</i>	-0.78	
				<i>For >200 To 500, Deduct</i>	-1.56	
				<i>For >500, Deduct</i>	-2.17	
05 75 00 00-0016	SF			0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	13.33	2.28
				<i>For >16 To 200, Deduct</i>	-0.84	
				<i>For >200 To 500, Deduct</i>	-1.68	
				<i>For >500, Deduct</i>	-2.34	
05 75 00 00-0017	SF			0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.40	2.38
				<i>For >16 To 200, Deduct</i>	-0.95	
				<i>For >200 To 500, Deduct</i>	-1.90	
				<i>For >500, Deduct</i>	-2.67	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	17.42	2.49
		<i>For >16 To 200, Deduct</i>	-1.06	
		<i>For >200 To 500, Deduct</i>	-2.12	
		<i>For >500, Deduct</i>	-2.99	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	19.94	2.61
		<i>For >16 To 200, Deduct</i>	-1.19	
		<i>For >200 To 500, Deduct</i>	-2.39	
		<i>For >500, Deduct</i>	-3.38	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	28.15	3.04
		<i>For >16 To 200, Deduct</i>	-1.64	
		<i>For >200 To 500, Deduct</i>	-3.27	
		<i>For >500, Deduct</i>	-4.68	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	37.42	3.23
		<i>For >16 To 200, Deduct</i>	-2.11	
		<i>For >200 To 500, Deduct</i>	-4.23	
		<i>For >500, Deduct</i>	-6.10	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	50.85	3.91
		<i>For >16 To 200, Deduct</i>	-2.84	
		<i>For >200 To 500, Deduct</i>	-5.67	
		<i>For >500, Deduct</i>	-8.22	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls.....	83.24	4.19
		<i>For >16 To 200, Deduct</i>	-4.48	
		<i>For >200 To 500, Deduct</i>	-8.95	
		<i>For >500, Deduct</i>	-13.12	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls.....	106.15	4.89
		<i>For >16 To 200, Deduct</i>	-5.67	
		<i>For >200 To 500, Deduct</i>	-11.35	
		<i>For >500, Deduct</i>	-16.66	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls (05 75 00 00-0001)

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls.....	8.69	1.98
		<i>For >16 To 200, Deduct</i>	-0.58	
		<i>For >200 To 500, Deduct</i>	-1.17	
		<i>For >500, Deduct</i>	-1.60	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls.....	9.84	2.21
		<i>For >16 To 200, Deduct</i>	-0.66	
		<i>For >200 To 500, Deduct</i>	-1.31	
		<i>For >500, Deduct</i>	-1.81	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls.....	10.94	2.38
		<i>For >16 To 200, Deduct</i>	-0.73	
		<i>For >200 To 500, Deduct</i>	-1.45	
		<i>For >500, Deduct</i>	-2.00	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls.....	12.04	2.50
		<i>For >16 To 200, Deduct</i>	-0.79	
		<i>For >200 To 500, Deduct</i>	-1.58	
		<i>For >500, Deduct</i>	-2.18	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls.....	13.14	2.61
		<i>For >16 To 200, Deduct</i>	-0.85	
		<i>For >200 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.36	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls.....	14.34	2.73
		<i>For >16 To 200, Deduct</i>	-0.92	
		<i>For >200 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.56	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls.....	15.79	2.85
		<i>For >16 To 200, Deduct</i>	-1.00	
		<i>For >200 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.80	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls.....	18.74	3.33
		<i>For >16 To 200, Deduct</i>	-1.19	
		<i>For >200 To 500, Deduct</i>	-2.37	
		<i>For >500, Deduct</i>	-3.31	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls (05 75 00 00-0001)

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	7.78	1.98
		<i>For >16 To 200, Deduct</i>	-0.54	
		<i>For >200 To 500, Deduct</i>	-1.08	
		<i>For >500, Deduct</i>	-1.46	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	8.63	2.21
		<i>For >16 To 200, Deduct</i>	-0.60	
		<i>For >200 To 500, Deduct</i>	-1.19	
		<i>For >500, Deduct</i>	-1.63	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	9.22	2.38
		<i>For >16 To 200, Deduct</i>	-0.64	
		<i>For >200 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.74	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	9.76	2.50
		<i>For >16 To 200, Deduct</i>	-0.68	
		<i>For >200 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.84	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	10.44	2.61
		<i>For >16 To 200, Deduct</i>	-0.72	
		<i>For >200 To 500, Deduct</i>	-1.44	
		<i>For >500, Deduct</i>	-1.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0040 SF 0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	11.18	2.73
<i>For >16 To 200, Deduct</i>	-0.76	
<i>For >200 To 500, Deduct</i>	-1.53	
<i>For >500, Deduct</i>	-2.09	
05 75 00 00-0041 SF 0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	12.29	2.85
<i>For >16 To 200, Deduct</i>	-0.83	
<i>For >200 To 500, Deduct</i>	-1.66	
<i>For >500, Deduct</i>	-2.27	
05 75 00 00-0042 SF 0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	13.94	3.09
<i>For >16 To 200, Deduct</i>	-0.93	
<i>For >200 To 500, Deduct</i>	-1.86	
<i>For >500, Deduct</i>	-2.56	
05 75 00 00-0043 SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	16.09	3.57
<i>For >16 To 200, Deduct</i>	-1.07	
<i>For >200 To 500, Deduct</i>	-2.15	
<i>For >500, Deduct</i>	-2.95	
05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
Note: Includes field fabrication.		
05 75 00 00-0045 SF 0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	9.73	1.88
<i>For >16 To 200, Deduct</i>	-0.67	
<i>For >200 To 500, Deduct</i>	-1.35	
<i>For >500, Deduct</i>	-1.83	
05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	11.19	2.13
<i>For >16 To 200, Deduct</i>	-0.77	
<i>For >200 To 500, Deduct</i>	-1.54	
<i>For >500, Deduct</i>	-2.10	
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	12.60	2.36
<i>For >16 To 200, Deduct</i>	-0.87	
<i>For >200 To 500, Deduct</i>	-1.73	
<i>For >500, Deduct</i>	-2.36	
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	13.84	2.55
<i>For >16 To 200, Deduct</i>	-0.95	
<i>For >200 To 500, Deduct</i>	-1.89	
<i>For >500, Deduct</i>	-2.59	

END OF SECTION 05

05 Metals

05 70 Decorative Metal

05 75 Decorative Formed Metal

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites ⁽⁰⁶⁾

06 01 20 Maintenance of Finish Carpentry ^(06 01)

06 01 20 91 Finish Carpentry Restoration ^(06 01 20)

06 01 20 91-0001 Wood Trim Repair ^(06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork.....	7.65	
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.				

06 01 40 Maintenance Of Architectural Woodwork ^(06 01)

06 01 40 91 Architectural Woodwork Restoration ^(06 01 40)

06 01 40 91-0001 Cabinet Hardware Replacement ^(06 01 40 91)

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges.....	32.51	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges.....	32.22	

06 05 Common Work Results For Wood, Plastics, And Composites

06 05 23 Wood, Plastic, And Composite Fastenings ^(06 05)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts ^(06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt.....	12.22	
		For >10 To 50, Deduct	-0.36	
		For >50 To 100, Deduct	-0.85	
		For >100 To 250, Deduct	-1.70	
		For >250 To 500, Deduct	-2.91	
		For >500, Deduct	-4.12	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	16.41	
		For >10 To 50, Deduct	-0.39	
		For >50 To 100, Deduct	-0.99	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-3.37	
		For >500, Deduct	-4.76	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	18.16	
		For >10 To 50, Deduct	-0.39	
		For >50 To 100, Deduct	-1.04	
		For >100 To 250, Deduct	-2.08	
		For >250 To 500, Deduct	-3.50	
		For >500, Deduct	-4.93	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt.....	36.28	
		For >10 To 50, Deduct	-0.53	
		For >50 To 100, Deduct	-1.71	
		For >100 To 250, Deduct	-3.41	
		For >250 To 500, Deduct	-5.65	
		For >500, Deduct	-7.89	

06 05 23 00-0006 Framing Anchors ^(06 05 23)

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2" Galvanized Framing Angle Anchor (Simpson A34).....	6.26	3.04
		For >10 To 50, Deduct	-0.29	
		For >50 To 100, Deduct	-0.59	
		For >100 To 250, Deduct	-1.18	
		For >250 To 500, Deduct	-2.06	
		For >500, Deduct	-2.94	

06 05 23 00-0008 Hold Down Anchors ^(06 05 23)

Note: Including nails.

06 05 23 00-0009	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs (Simpson Strong Tie® HD3B).....	41.42	
		For >10 To 50, Deduct	-1.57	
		For >50 To 100, Deduct	-3.39	
		For >100 To 250, Deduct	-6.78	
		For >250 To 500, Deduct	-11.74	
		For >500, Deduct	-16.71	
06 05 23 00-0010	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD5B).....	56.29	
		For >10 To 50, Deduct	-1.57	
		For >50 To 100, Deduct	-3.76	
		For >100 To 250, Deduct	-7.53	
		For >250 To 500, Deduct	-12.86	
		For >500, Deduct	-18.19	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0011	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD7B)	63.70	
		<i>For >10 To 50, Deduct</i>	-1.72	
		<i>For >50 To 100, Deduct</i>	-4.18	
		<i>For >100 To 250, Deduct</i>	-8.35	
		<i>For >250 To 500, Deduct</i>	-14.25	
		<i>For >500, Deduct</i>	-20.15	
06 05 23 00-0012	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs (Simpson Strong Tie® HD9B)	77.39	
		<i>For >10 To 50, Deduct</i>	-1.93	
		<i>For >50 To 100, Deduct</i>	-4.82	
		<i>For >100 To 250, Deduct</i>	-9.64	
		<i>For >250 To 500, Deduct</i>	-16.39	
		<i>For >500, Deduct</i>	-23.14	
06 05 23 00-0013	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD12)	149.77	
		<i>For >10 To 50, Deduct</i>	-2.43	
		<i>For >50 To 100, Deduct</i>	-7.39	
		<i>For >100 To 250, Deduct</i>	-14.78	
		<i>For >250 To 500, Deduct</i>	-24.61	
		<i>For >500, Deduct</i>	-34.43	
06 05 23 00-0014	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD19)	171.65	
		<i>For >10 To 50, Deduct</i>	-2.53	
		<i>For >50 To 100, Deduct</i>	-8.09	
		<i>For >100 To 250, Deduct</i>	-16.18	
		<i>For >250 To 500, Deduct</i>	-26.81	
		<i>For >500, Deduct</i>	-37.43	
06 05 23 00-0015 Joist And Beam Hangers (06 05 23)				
Note: Including nails.				
06 05 23 00-0016	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	6.27	2.83
		<i>For >10 To 50, Deduct</i>	-0.29	
		<i>For >50 To 100, Deduct</i>	-0.59	
		<i>For >100 To 250, Deduct</i>	-1.18	
		<i>For >250 To 500, Deduct</i>	-2.06	
		<i>For >500, Deduct</i>	-2.94	
06 05 23 00-0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers	7.02	2.83
		<i>For >10 To 50, Deduct</i>	-0.31	
		<i>For >50 To 100, Deduct</i>	-0.64	
		<i>For >100 To 250, Deduct</i>	-1.27	
		<i>For >250 To 500, Deduct</i>	-2.22	
		<i>For >500, Deduct</i>	-3.16	
06 05 23 00-0018	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers	8.47	2.83
		<i>For >10 To 50, Deduct</i>	-0.32	
		<i>For >50 To 100, Deduct</i>	-0.69	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-2.38	
		<i>For >500, Deduct</i>	-3.38	
06 05 23 00-0019	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers	8.60	2.83
		<i>For >10 To 50, Deduct</i>	-0.32	
		<i>For >50 To 100, Deduct</i>	-0.69	
		<i>For >100 To 250, Deduct</i>	-1.38	
		<i>For >250 To 500, Deduct</i>	-2.39	
		<i>For >500, Deduct</i>	-3.39	
06 05 23 00-0020	EA	14 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers	8.72	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.71	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-2.45	
		<i>For >500, Deduct</i>	-3.48	
06 05 23 00-0021	EA	14 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers	9.09	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.72	
		<i>For >100 To 250, Deduct</i>	-1.43	
		<i>For >250 To 500, Deduct</i>	-2.48	
		<i>For >500, Deduct</i>	-3.52	
06 05 23 00-0022 Anchor And Ties (06 05 23)				
Note: Including nails.				
06 05 23 00-0023	EA	Pre-Deflected Hold Down With SDS Screws (Simpson Strong Tie® PHD5-SDS)	36.88	
06 05 23 00-0024	EA	12-3/8" Heavy Tension Tie (Simpson Strong Tie® HTT4)	23.81	
06 05 23 00-0025	EA	16" Heavy Tension Tie (Simpson Strong Tie® HTT5)	34.48	
06 05 23 00-0026	EA	2" x 4" Or 2" x 6" Mudsill Anchor 16 Gauge Zinc Galvanized Finish (Simpson Strong Tie® MAS)	3.49	
06 05 23 00-0027 Hurricane Clips (06 05 23)				
06 05 23 00-0028	EA	18 Gauge Zinc Galvanized Finish Hurricane Clips (Simpson Strong Tie® H2.5A)	2.66	
06 05 23 00-0029	EA	18 Gauge Stainless Steel Hurricane Clips (Simpson Strong Tie® H2.5SS)	6.08	
06 05 23 00-0030	EA	Hurricane Strap (Simpson Strong Tie® H6)	10.01	
06 05 23 00-0031 Post Framing (06 05 23)				
Note: Including nails.				
06 05 23 00-0032	EA	16 Gauge Post Framing With 4" x 4" Base	11.28	3.55
		<i>For >10 To 50, Deduct</i>	-0.39	
		<i>For >50 To 100, Deduct</i>	-0.87	
		<i>For >100 To 250, Deduct</i>	-1.73	
		<i>For >250 To 500, Deduct</i>	-2.99	
		<i>For >500, Deduct</i>	-4.24	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0033	EA	16 Gauge Post Framing With 4" x 4" Cap.....	9.90	3.55
		For >10 To 50, Deduct	-0.39	
		For >50 To 100, Deduct	-0.83	
		For >100 To 250, Deduct	-1.66	
		For >250 To 500, Deduct	-2.88	
		For >500, Deduct	-4.11	
06 05 23 00-0034		Rafter Anchors (06 05 23)		
06 05 23 00-0035	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	7.23	3.15
		For >10 To 50, Deduct	-0.35	
		For >50 To 100, Deduct	-0.70	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-2.46	
		For >500, Deduct	-3.52	
06 05 23 00-0036	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	7.38	3.15
		For >10 To 50, Deduct	-0.35	
		For >50 To 100, Deduct	-0.71	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-2.47	
		For >500, Deduct	-3.53	
06 05 23 00-0037	EA	Galvanized Rigid Rafter Connector, For 2" x 6".....	8.95	3.15
		For >10 To 50, Deduct	-0.35	
		For >50 To 100, Deduct	-0.75	
		For >100 To 250, Deduct	-1.49	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.69	
06 05 23 00-0038		Bolts And Fasteners (06 05 23)		
06 05 23 00-0039		Carriage Bolts (06 05 23 00-0038)		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0040		Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0039)		
06 05 23 00-0041	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	13.54	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.33	
		For >100 To 250, Deduct	-2.65	
		For >250 To 500, Deduct	-4.64	
		For >500, Deduct	-6.62	
06 05 23 00-0042	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	13.70	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.33	
		For >100 To 250, Deduct	-2.66	
		For >250 To 500, Deduct	-4.65	
		For >500, Deduct	-6.64	
06 05 23 00-0043	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	13.80	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.33	
		For >100 To 250, Deduct	-2.67	
		For >250 To 500, Deduct	-4.66	
		For >500, Deduct	-6.65	
06 05 23 00-0044	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.12	
		For >10 To 50, Deduct	-0.76	
		For >50 To 100, Deduct	-1.54	
		For >100 To 250, Deduct	-3.09	
		For >250 To 500, Deduct	-5.39	
		For >500, Deduct	-7.69	
06 05 23 00-0045	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.98	
		For >10 To 50, Deduct	-0.71	
		For >50 To 100, Deduct	-1.44	
		For >100 To 250, Deduct	-2.88	
		For >250 To 500, Deduct	-5.02	
		For >500, Deduct	-7.17	
06 05 23 00-0046	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.26	
		For >10 To 50, Deduct	-0.76	
		For >50 To 100, Deduct	-1.55	
		For >100 To 250, Deduct	-3.09	
		For >250 To 500, Deduct	-5.40	
		For >500, Deduct	-7.71	
06 05 23 00-0047	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.53	
		For >10 To 50, Deduct	-0.76	
		For >50 To 100, Deduct	-1.55	
		For >100 To 250, Deduct	-3.11	
		For >250 To 500, Deduct	-5.42	
		For >500, Deduct	-7.73	
06 05 23 00-0048	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	19.75	
		For >10 To 50, Deduct	-0.91	
		For >50 To 100, Deduct	-1.86	
		For >100 To 250, Deduct	-3.72	
		For >250 To 500, Deduct	-6.50	
		For >500, Deduct	-9.27	
06 05 23 00-0049	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	21.54	
		For >10 To 50, Deduct	-0.96	
		For >50 To 100, Deduct	-1.98	
		For >100 To 250, Deduct	-3.96	
		For >250 To 500, Deduct	-6.91	
		For >500, Deduct	-9.85	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0050	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.33	
		<i>For >10 To 50, Deduct</i>	-1.06	
		<i>For >50 To 100, Deduct</i>	-2.20	
		<i>For >100 To 250, Deduct</i>	-4.41	
		<i>For >250 To 500, Deduct</i>	-7.67	
		<i>For >500, Deduct</i>	-10.94	
06 05 23 00-0051	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.82	
		<i>For >10 To 50, Deduct</i>	-0.76	
		<i>For >50 To 100, Deduct</i>	-1.56	
		<i>For >100 To 250, Deduct</i>	-3.12	
		<i>For >250 To 500, Deduct</i>	-5.44	
		<i>For >500, Deduct</i>	-7.76	
06 05 23 00-0052	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.50	
		<i>For >10 To 50, Deduct</i>	-0.81	
		<i>For >50 To 100, Deduct</i>	-1.68	
		<i>For >100 To 250, Deduct</i>	-3.36	
		<i>For >250 To 500, Deduct</i>	-5.85	
		<i>For >500, Deduct</i>	-8.33	
06 05 23 00-0053	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.72	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.78	
		<i>For >100 To 250, Deduct</i>	-3.57	
		<i>For >250 To 500, Deduct</i>	-6.21	
		<i>For >500, Deduct</i>	-8.86	
06 05 23 00-0054	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.12	
		<i>For >10 To 50, Deduct</i>	-0.96	
		<i>For >50 To 100, Deduct</i>	-2.00	
		<i>For >100 To 250, Deduct</i>	-3.99	
		<i>For >250 To 500, Deduct</i>	-6.95	
		<i>For >500, Deduct</i>	-9.91	
06 05 23 00-0055	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.06	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.32	
		<i>For >100 To 250, Deduct</i>	-4.65	
		<i>For >250 To 500, Deduct</i>	-8.08	
		<i>For >500, Deduct</i>	-11.52	
06 05 23 00-0056	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.31	
		<i>For >10 To 50, Deduct</i>	-1.22	
		<i>For >50 To 100, Deduct</i>	-2.56	
		<i>For >100 To 250, Deduct</i>	-5.11	
		<i>For >250 To 500, Deduct</i>	-8.89	
		<i>For >500, Deduct</i>	-12.66	
06 05 23 00-0057	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.38	
		<i>For >10 To 50, Deduct</i>	-0.91	
		<i>For >50 To 100, Deduct</i>	-1.95	
		<i>For >100 To 250, Deduct</i>	-3.91	
		<i>For >250 To 500, Deduct</i>	-6.77	
		<i>For >500, Deduct</i>	-9.63	
06 05 23 00-0058	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.43	
		<i>For >10 To 50, Deduct</i>	-0.96	
		<i>For >50 To 100, Deduct</i>	-2.08	
		<i>For >100 To 250, Deduct</i>	-4.16	
		<i>For >250 To 500, Deduct</i>	-7.20	
		<i>For >500, Deduct</i>	-10.24	
06 05 23 00-0059	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.61	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.44	
		<i>For >100 To 250, Deduct</i>	-4.87	
		<i>For >250 To 500, Deduct</i>	-8.43	
		<i>For >500, Deduct</i>	-11.98	
06 05 23 00-0060	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	34.70	
		<i>For >10 To 50, Deduct</i>	-1.17	
		<i>For >50 To 100, Deduct</i>	-2.62	
		<i>For >100 To 250, Deduct</i>	-5.23	
		<i>For >250 To 500, Deduct</i>	-9.01	
		<i>For >500, Deduct</i>	-12.79	
06 05 23 00-0061	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	37.66	
		<i>For >10 To 50, Deduct</i>	-1.27	
		<i>For >50 To 100, Deduct</i>	-2.84	
		<i>For >100 To 250, Deduct</i>	-5.68	
		<i>For >250 To 500, Deduct</i>	-9.79	
		<i>For >500, Deduct</i>	-13.89	
06 05 23 00-0062	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	38.32	
		<i>For >10 To 50, Deduct</i>	-1.32	
		<i>For >50 To 100, Deduct</i>	-2.93	
		<i>For >100 To 250, Deduct</i>	-5.87	
		<i>For >250 To 500, Deduct</i>	-10.12	
		<i>For >500, Deduct</i>	-14.37	
06 05 23 00-0063		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts <small>(06 05 23 00-0039)</small>		
06 05 23 00-0064	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.83	
		<i>For >10 To 50, Deduct</i>	-0.66	
		<i>For >50 To 100, Deduct</i>	-1.33	
		<i>For >100 To 250, Deduct</i>	-2.67	
		<i>For >250 To 500, Deduct</i>	-4.66	
		<i>For >500, Deduct</i>	-6.65	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0065	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.13	
		<i>For >10 To 50, Deduct</i>	-0.66	
		<i>For >50 To 100, Deduct</i>	-1.34	
		<i>For >100 To 250, Deduct</i>	-2.68	
		<i>For >250 To 500, Deduct</i>	-4.68	
		<i>For >500, Deduct</i>	-6.68	
06 05 23 00-0066	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.47	
		<i>For >10 To 50, Deduct</i>	-0.66	
		<i>For >50 To 100, Deduct</i>	-1.35	
		<i>For >100 To 250, Deduct</i>	-2.70	
		<i>For >250 To 500, Deduct</i>	-4.71	
		<i>For >500, Deduct</i>	-6.72	
06 05 23 00-0067	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.25	
		<i>For >10 To 50, Deduct</i>	-0.76	
		<i>For >50 To 100, Deduct</i>	-1.57	
		<i>For >100 To 250, Deduct</i>	-3.14	
		<i>For >250 To 500, Deduct</i>	-5.47	
		<i>For >500, Deduct</i>	-7.81	
06 05 23 00-0068	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.39	
		<i>For >10 To 50, Deduct</i>	-0.71	
		<i>For >50 To 100, Deduct</i>	-1.45	
		<i>For >100 To 250, Deduct</i>	-2.90	
		<i>For >250 To 500, Deduct</i>	-5.05	
		<i>For >500, Deduct</i>	-7.21	
06 05 23 00-0069	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.90	
		<i>For >10 To 50, Deduct</i>	-0.76	
		<i>For >50 To 100, Deduct</i>	-1.56	
		<i>For >100 To 250, Deduct</i>	-3.13	
		<i>For >250 To 500, Deduct</i>	-5.45	
		<i>For >500, Deduct</i>	-7.77	
06 05 23 00-0070	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.27	
		<i>For >10 To 50, Deduct</i>	-0.76	
		<i>For >50 To 100, Deduct</i>	-1.57	
		<i>For >100 To 250, Deduct</i>	-3.14	
		<i>For >250 To 500, Deduct</i>	-5.48	
		<i>For >500, Deduct</i>	-7.81	
06 05 23 00-0071	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.88	
		<i>For >10 To 50, Deduct</i>	-0.91	
		<i>For >50 To 100, Deduct</i>	-1.89	
		<i>For >100 To 250, Deduct</i>	-3.78	
		<i>For >250 To 500, Deduct</i>	-6.58	
		<i>For >500, Deduct</i>	-9.38	
06 05 23 00-0072	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.80	
		<i>For >10 To 50, Deduct</i>	-0.96	
		<i>For >50 To 100, Deduct</i>	-2.01	
		<i>For >100 To 250, Deduct</i>	-4.03	
		<i>For >250 To 500, Deduct</i>	-7.00	
		<i>For >500, Deduct</i>	-9.98	
06 05 23 00-0073	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.51	
		<i>For >10 To 50, Deduct</i>	-1.06	
		<i>For >50 To 100, Deduct</i>	-2.23	
		<i>For >100 To 250, Deduct</i>	-4.47	
		<i>For >250 To 500, Deduct</i>	-7.76	
		<i>For >500, Deduct</i>	-11.06	
06 05 23 00-0074	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.76	
		<i>For >10 To 50, Deduct</i>	-0.76	
		<i>For >50 To 100, Deduct</i>	-1.58	
		<i>For >100 To 250, Deduct</i>	-3.17	
		<i>For >250 To 500, Deduct</i>	-5.51	
		<i>For >500, Deduct</i>	-7.86	
06 05 23 00-0075	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.24	
		<i>For >10 To 50, Deduct</i>	-0.81	
		<i>For >50 To 100, Deduct</i>	-1.70	
		<i>For >100 To 250, Deduct</i>	-3.39	
		<i>For >250 To 500, Deduct</i>	-5.90	
		<i>For >500, Deduct</i>	-8.41	
06 05 23 00-0076	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.61	
		<i>For >10 To 50, Deduct</i>	-0.86	
		<i>For >50 To 100, Deduct</i>	-1.81	
		<i>For >100 To 250, Deduct</i>	-3.61	
		<i>For >250 To 500, Deduct</i>	-6.28	
		<i>For >500, Deduct</i>	-8.95	
06 05 23 00-0077	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.40	
		<i>For >10 To 50, Deduct</i>	-0.96	
		<i>For >50 To 100, Deduct</i>	-2.03	
		<i>For >100 To 250, Deduct</i>	-4.06	
		<i>For >250 To 500, Deduct</i>	-7.05	
		<i>For >500, Deduct</i>	-10.04	
06 05 23 00-0078	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.31	
		<i>For >10 To 50, Deduct</i>	-1.11	
		<i>For >50 To 100, Deduct</i>	-2.35	
		<i>For >100 To 250, Deduct</i>	-4.71	
		<i>For >250 To 500, Deduct</i>	-8.18	
		<i>For >500, Deduct</i>	-11.65	
06 05 23 00-0079	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.27	
		<i>For >10 To 50, Deduct</i>	-1.22	
		<i>For >50 To 100, Deduct</i>	-2.58	
		<i>For >100 To 250, Deduct</i>	-5.16	
		<i>For >250 To 500, Deduct</i>	-8.96	
		<i>For >500, Deduct</i>	-12.76	

06 Wood, Plastics, and Composites
06 05 Common Work Results For Wood, Plastics, And Composites
06 05 23 Wood, Plastic, And Composite Fastenings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0080	EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.23	
	<i>For >10 To 50, Deduct</i>	-0.91	
	<i>For >50 To 100, Deduct</i>	-2.02	
	<i>For >100 To 250, Deduct</i>	-4.05	
	<i>For >250 To 500, Deduct</i>	-6.98	
	<i>For >500, Deduct</i>	-9.92	
06 05 23 00-0081	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.42	
	<i>For >10 To 50, Deduct</i>	-0.96	
	<i>For >50 To 100, Deduct</i>	-2.13	
	<i>For >100 To 250, Deduct</i>	-4.26	
	<i>For >250 To 500, Deduct</i>	-7.35	
	<i>For >500, Deduct</i>	-10.44	
06 05 23 00-0082	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	32.02	
	<i>For >10 To 50, Deduct</i>	-1.11	
	<i>For >50 To 100, Deduct</i>	-2.47	
	<i>For >100 To 250, Deduct</i>	-4.94	
	<i>For >250 To 500, Deduct</i>	-8.53	
	<i>For >500, Deduct</i>	-12.12	
06 05 23 00-0083	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	34.59	
	<i>For >10 To 50, Deduct</i>	-1.17	
	<i>For >50 To 100, Deduct</i>	-2.61	
	<i>For >100 To 250, Deduct</i>	-5.23	
	<i>For >250 To 500, Deduct</i>	-9.00	
	<i>For >500, Deduct</i>	-12.78	
06 05 23 00-0084	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	39.49	
	<i>For >10 To 50, Deduct</i>	-1.27	
	<i>For >50 To 100, Deduct</i>	-2.89	
	<i>For >100 To 250, Deduct</i>	-5.77	
	<i>For >250 To 500, Deduct</i>	-9.92	
	<i>For >500, Deduct</i>	-14.08	
06 05 23 00-0085	EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	42.15	
	<i>For >10 To 50, Deduct</i>	-1.32	
	<i>For >50 To 100, Deduct</i>	-3.03	
	<i>For >100 To 250, Deduct</i>	-6.06	
	<i>For >250 To 500, Deduct</i>	-10.40	
	<i>For >500, Deduct</i>	-14.75	
06 05 23 00-0086	304/18-8 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0039)</small>	14.30	
06 05 23 00-0087	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.30	
	<i>For >10 To 50, Deduct</i>	-0.66	
	<i>For >50 To 100, Deduct</i>	-1.35	
	<i>For >100 To 250, Deduct</i>	-2.69	
	<i>For >250 To 500, Deduct</i>	-4.69	
	<i>For >500, Deduct</i>	-6.70	
06 05 23 00-0088	EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.54	
	<i>For >10 To 50, Deduct</i>	-0.66	
	<i>For >50 To 100, Deduct</i>	-1.38	
	<i>For >100 To 250, Deduct</i>	-2.75	
	<i>For >250 To 500, Deduct</i>	-4.79	
	<i>For >500, Deduct</i>	-6.82	
06 05 23 00-0089	EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.35	
	<i>For >10 To 50, Deduct</i>	-0.66	
	<i>For >50 To 100, Deduct</i>	-1.40	
	<i>For >100 To 250, Deduct</i>	-2.79	
	<i>For >250 To 500, Deduct</i>	-4.85	
	<i>For >500, Deduct</i>	-6.90	
06 05 23 00-0090	EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.10	
	<i>For >10 To 50, Deduct</i>	-0.76	
	<i>For >50 To 100, Deduct</i>	-1.82	
	<i>For >100 To 250, Deduct</i>	-3.64	
	<i>For >250 To 500, Deduct</i>	-6.21	
	<i>For >500, Deduct</i>	-8.79	
06 05 23 00-0091	EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.46	
	<i>For >10 To 50, Deduct</i>	-0.71	
	<i>For >50 To 100, Deduct</i>	-1.48	
	<i>For >100 To 250, Deduct</i>	-2.95	
	<i>For >250 To 500, Deduct</i>	-5.13	
	<i>For >500, Deduct</i>	-7.32	
06 05 23 00-0092	EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.27	
	<i>For >10 To 50, Deduct</i>	-0.76	
	<i>For >50 To 100, Deduct</i>	-1.62	
	<i>For >100 To 250, Deduct</i>	-3.24	
	<i>For >250 To 500, Deduct</i>	-5.63	
	<i>For >500, Deduct</i>	-8.01	
06 05 23 00-0093	EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.66	
	<i>For >10 To 50, Deduct</i>	-0.76	
	<i>For >50 To 100, Deduct</i>	-1.63	
	<i>For >100 To 250, Deduct</i>	-3.26	
	<i>For >250 To 500, Deduct</i>	-5.65	
	<i>For >500, Deduct</i>	-8.05	
06 05 23 00-0094	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	35.62	
	<i>For >10 To 50, Deduct</i>	-0.91	
	<i>For >50 To 100, Deduct</i>	-2.26	
	<i>For >100 To 250, Deduct</i>	-4.52	
	<i>For >250 To 500, Deduct</i>	-7.69	
	<i>For >500, Deduct</i>	-10.86	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0095	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	43.07	
		For >10 To 50, Deduct	-0.96	
		For >50 To 100, Deduct	-2.52	
		For >100 To 250, Deduct	-5.04	
		For >250 To 500, Deduct	-8.52	
		For >500, Deduct	-12.01	
06 05 23 00-0096	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	48.22	
		For >10 To 50, Deduct	-1.06	
		For >50 To 100, Deduct	-2.80	
		For >100 To 250, Deduct	-5.60	
		For >250 To 500, Deduct	-9.47	
		For >500, Deduct	-13.33	
06 05 23 00-0097	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.72	
		For >10 To 50, Deduct	-0.76	
		For >50 To 100, Deduct	-1.66	
		For >100 To 250, Deduct	-3.32	
		For >250 To 500, Deduct	-5.73	
		For >500, Deduct	-8.15	
06 05 23 00-0098	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.45	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.80	
		For >100 To 250, Deduct	-3.60	
		For >250 To 500, Deduct	-6.22	
		For >500, Deduct	-8.83	
06 05 23 00-0099	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	28.22	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-2.00	
		For >100 To 250, Deduct	-3.99	
		For >250 To 500, Deduct	-6.85	
		For >500, Deduct	-9.71	
06 05 23 00-0100	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	44.21	
		For >10 To 50, Deduct	-0.96	
		For >50 To 100, Deduct	-2.55	
		For >100 To 250, Deduct	-5.10	
		For >250 To 500, Deduct	-8.61	
		For >500, Deduct	-12.12	
06 05 23 00-0101	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	49.98	
		For >10 To 50, Deduct	-1.11	
		For >50 To 100, Deduct	-2.92	
		For >100 To 250, Deduct	-5.84	
		For >250 To 500, Deduct	-9.88	
		For >500, Deduct	-13.91	
06 05 23 00-0102	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	77.60	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-3.76	
		For >100 To 250, Deduct	-7.53	
		For >250 To 500, Deduct	-12.51	
		For >500, Deduct	-17.49	
06 05 23 00-0103	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	60.29	
		For >10 To 50, Deduct	-0.96	
		For >50 To 100, Deduct	-2.95	
		For >100 To 250, Deduct	-5.90	
		For >250 To 500, Deduct	-9.82	
		For >500, Deduct	-13.73	
06 05 23 00-0104	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	84.96	
		For >10 To 50, Deduct	-1.11	
		For >50 To 100, Deduct	-3.80	
		For >100 To 250, Deduct	-7.59	
		For >250 To 500, Deduct	-12.50	
		For >500, Deduct	-17.41	
06 05 23 00-0105	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	94.04	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-4.10	
		For >100 To 250, Deduct	-8.20	
		For >250 To 500, Deduct	-13.46	
		For >500, Deduct	-18.73	
06 05 23 00-0106	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	138.05	
		For >10 To 50, Deduct	-1.27	
		For >50 To 100, Deduct	-5.35	
		For >100 To 250, Deduct	-10.70	
		For >250 To 500, Deduct	-17.32	
		For >500, Deduct	-23.93	
06 05 23 00-0107	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	145.20	
		For >10 To 50, Deduct	-1.32	
		For >50 To 100, Deduct	-5.61	
		For >100 To 250, Deduct	-11.21	
		For >250 To 500, Deduct	-18.13	
		For >500, Deduct	-25.06	
06 05 23 00-0108 316 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0039)</small>				
06 05 23 00-0109	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	20.02	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.49	
		For >100 To 250, Deduct	-2.98	
		For >250 To 500, Deduct	-5.12	
		For >500, Deduct	-7.27	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0110	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	22.19
		<i>For >10 To 50, Deduct</i>	-0.66
		<i>For >50 To 100, Deduct</i>	-1.54
		<i>For >100 To 250, Deduct</i>	-3.09
		<i>For >250 To 500, Deduct</i>	-5.29
		<i>For >500, Deduct</i>	-7.49
06 05 23 00-0111	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	23.94
		<i>For >10 To 50, Deduct</i>	-0.71
		<i>For >50 To 100, Deduct</i>	-1.66
		<i>For >100 To 250, Deduct</i>	-3.32
		<i>For >250 To 500, Deduct</i>	-5.70
		<i>For >500, Deduct</i>	-8.07
06 05 23 00-0112	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	27.98
		<i>For >10 To 50, Deduct</i>	-0.76
		<i>For >50 To 100, Deduct</i>	-1.84
		<i>For >100 To 250, Deduct</i>	-3.68
		<i>For >250 To 500, Deduct</i>	-6.28
		<i>For >500, Deduct</i>	-8.88
06 05 23 00-0113	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	37.65
		<i>For >10 To 50, Deduct</i>	-0.76
		<i>For >50 To 100, Deduct</i>	-2.08
		<i>For >100 To 250, Deduct</i>	-4.16
		<i>For >250 To 500, Deduct</i>	-7.00
		<i>For >500, Deduct</i>	-9.85
06 05 23 00-0114	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	41.00
		<i>For >10 To 50, Deduct</i>	-0.81
		<i>For >50 To 100, Deduct</i>	-2.24
		<i>For >100 To 250, Deduct</i>	-4.48
		<i>For >250 To 500, Deduct</i>	-7.53
		<i>For >500, Deduct</i>	-10.58
06 05 23 00-0115	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	44.17
		<i>For >10 To 50, Deduct</i>	-0.86
		<i>For >50 To 100, Deduct</i>	-2.40
		<i>For >100 To 250, Deduct</i>	-4.79
		<i>For >250 To 500, Deduct</i>	-8.05
		<i>For >500, Deduct</i>	-11.31

06 05 23 00-0116 Hex Lag Bolts (06 05 23 00-0038)
 Note: Includes drilling of holes in any material.

06 05 23 00-0117 Zinc Plated Steel, Hex Lag Bolts (06 05 23 00-0116)

06 05 23 00-0118	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	12.88
		<i>For >10 To 50, Deduct</i>	-0.63
		<i>For >50 To 100, Deduct</i>	-1.27
		<i>For >100 To 250, Deduct</i>	-2.54
		<i>For >250 To 500, Deduct</i>	-4.45
		<i>For >500, Deduct</i>	-6.35
06 05 23 00-0119	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.02
		<i>For >10 To 50, Deduct</i>	-0.63
		<i>For >50 To 100, Deduct</i>	-1.28
		<i>For >100 To 250, Deduct</i>	-2.55
		<i>For >250 To 500, Deduct</i>	-4.46
		<i>For >500, Deduct</i>	-6.37
06 05 23 00-0120	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.31
		<i>For >10 To 50, Deduct</i>	-0.63
		<i>For >50 To 100, Deduct</i>	-1.28
		<i>For >100 To 250, Deduct</i>	-2.56
		<i>For >250 To 500, Deduct</i>	-4.48
		<i>For >500, Deduct</i>	-6.40
06 05 23 00-0121	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.23
		<i>For >10 To 50, Deduct</i>	-0.69
		<i>For >50 To 100, Deduct</i>	-1.39
		<i>For >100 To 250, Deduct</i>	-2.78
		<i>For >250 To 500, Deduct</i>	-4.86
		<i>For >500, Deduct</i>	-6.94
06 05 23 00-0122	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.48
		<i>For >10 To 50, Deduct</i>	-0.74
		<i>For >50 To 100, Deduct</i>	-1.50
		<i>For >100 To 250, Deduct</i>	-2.99
		<i>For >250 To 500, Deduct</i>	-5.23
		<i>For >500, Deduct</i>	-7.46
06 05 23 00-0123	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.79
		<i>For >10 To 50, Deduct</i>	-0.74
		<i>For >50 To 100, Deduct</i>	-1.50
		<i>For >100 To 250, Deduct</i>	-3.01
		<i>For >250 To 500, Deduct</i>	-5.25
		<i>For >500, Deduct</i>	-7.49
06 05 23 00-0124	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	19.41
		<i>For >10 To 50, Deduct</i>	-0.89
		<i>For >50 To 100, Deduct</i>	-1.82
		<i>For >100 To 250, Deduct</i>	-3.63
		<i>For >250 To 500, Deduct</i>	-6.34
		<i>For >500, Deduct</i>	-9.04
06 05 23 00-0125	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.57
		<i>For >10 To 50, Deduct</i>	-0.94
		<i>For >50 To 100, Deduct</i>	-1.92
		<i>For >100 To 250, Deduct</i>	-3.84
		<i>For >250 To 500, Deduct</i>	-6.69
		<i>For >500, Deduct</i>	-9.55

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0126	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.79	
		<i>For >10 To 50, Deduct</i>	-0.74	
		<i>For >50 To 100, Deduct</i>	-1.51	
		<i>For >100 To 250, Deduct</i>	-3.02	
		<i>For >250 To 500, Deduct</i>	-5.28	
		<i>For >500, Deduct</i>	-7.54	
06 05 23 00-0127	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.25	
		<i>For >10 To 50, Deduct</i>	-0.79	
		<i>For >50 To 100, Deduct</i>	-1.62	
		<i>For >100 To 250, Deduct</i>	-3.25	
		<i>For >250 To 500, Deduct</i>	-5.66	
		<i>For >500, Deduct</i>	-8.08	
06 05 23 00-0128	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	18.82	
		<i>For >10 To 50, Deduct</i>	-0.84	
		<i>For >50 To 100, Deduct</i>	-1.74	
		<i>For >100 To 250, Deduct</i>	-3.47	
		<i>For >250 To 500, Deduct</i>	-6.05	
		<i>For >500, Deduct</i>	-8.63	
06 05 23 00-0129	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	21.48	
		<i>For >10 To 50, Deduct</i>	-0.94	
		<i>For >50 To 100, Deduct</i>	-1.95	
		<i>For >100 To 250, Deduct</i>	-3.90	
		<i>For >250 To 500, Deduct</i>	-6.80	
		<i>For >500, Deduct</i>	-9.70	
06 05 23 00-0130	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	25.36	
		<i>For >10 To 50, Deduct</i>	-1.09	
		<i>For >50 To 100, Deduct</i>	-2.27	
		<i>For >100 To 250, Deduct</i>	-4.55	
		<i>For >250 To 500, Deduct</i>	-7.91	
		<i>For >500, Deduct</i>	-11.28	
06 05 23 00-0131	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	27.68	
		<i>For >10 To 50, Deduct</i>	-1.19	
		<i>For >50 To 100, Deduct</i>	-2.48	
		<i>For >100 To 250, Deduct</i>	-4.96	
		<i>For >250 To 500, Deduct</i>	-8.63	
		<i>For >500, Deduct</i>	-12.30	
06 05 23 00-0132	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	23.39	
		<i>For >10 To 50, Deduct</i>	-0.94	
		<i>For >50 To 100, Deduct</i>	-2.00	
		<i>For >100 To 250, Deduct</i>	-4.00	
		<i>For >250 To 500, Deduct</i>	-6.94	
		<i>For >500, Deduct</i>	-9.89	
06 05 23 00-0133	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	28.00	
		<i>For >10 To 50, Deduct</i>	-1.09	
		<i>For >50 To 100, Deduct</i>	-2.34	
		<i>For >100 To 250, Deduct</i>	-4.68	
		<i>For >250 To 500, Deduct</i>	-8.11	
		<i>For >500, Deduct</i>	-11.54	
06 05 23 00-0134	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	31.16	
		<i>For >10 To 50, Deduct</i>	-1.14	
		<i>For >50 To 100, Deduct</i>	-2.49	
		<i>For >100 To 250, Deduct</i>	-4.98	
		<i>For >250 To 500, Deduct</i>	-8.62	
		<i>For >500, Deduct</i>	-12.25	
06 05 23 00-0135	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	35.13	
		<i>For >10 To 50, Deduct</i>	-1.24	
		<i>For >50 To 100, Deduct</i>	-2.74	
		<i>For >100 To 250, Deduct</i>	-5.48	
		<i>For >250 To 500, Deduct</i>	-9.46	
		<i>For >500, Deduct</i>	-13.45	
06 05 23 00-0136	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	39.62	
		<i>For >10 To 50, Deduct</i>	-1.29	
		<i>For >50 To 100, Deduct</i>	-2.93	
		<i>For >100 To 250, Deduct</i>	-5.86	
		<i>For >250 To 500, Deduct</i>	-10.07	
		<i>For >500, Deduct</i>	-14.29	
06 05 23 00-0137		Hot Dipped Galvanized Steel, Hex Lag Bolts <small>(06 05 23 00-0116)</small>		
06 05 23 00-0138	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.95	
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.27	
		<i>For >100 To 250, Deduct</i>	-2.55	
		<i>For >250 To 500, Deduct</i>	-4.45	
		<i>For >500, Deduct</i>	-6.36	
06 05 23 00-0139	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.17	
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100 To 250, Deduct</i>	-2.56	
		<i>For >250 To 500, Deduct</i>	-4.47	
		<i>For >500, Deduct</i>	-6.38	
06 05 23 00-0140	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.39	
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100 To 250, Deduct</i>	-2.57	
		<i>For >250 To 500, Deduct</i>	-4.49	
		<i>For >500, Deduct</i>	-6.40	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0141	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.35	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.39	
	For >100 To 250, Deduct	-2.79	
	For >250 To 500, Deduct	-4.87	
	For >500, Deduct	-6.96	
06 05 23 00-0142	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.67	
	For >10 To 50, Deduct	-0.74	
	For >50 To 100, Deduct	-1.50	
	For >100 To 250, Deduct	-3.00	
	For >250 To 500, Deduct	-5.24	
	For >500, Deduct	-7.48	
06 05 23 00-0143	EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.02	
	For >10 To 50, Deduct	-0.74	
	For >50 To 100, Deduct	-1.51	
	For >100 To 250, Deduct	-3.02	
	For >250 To 500, Deduct	-5.27	
	For >500, Deduct	-7.51	
06 05 23 00-0144	EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.83	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-1.83	
	For >100 To 250, Deduct	-3.65	
	For >250 To 500, Deduct	-6.37	
	For >500, Deduct	-9.08	
06 05 23 00-0145	EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.28	
	For >10 To 50, Deduct	-0.94	
	For >50 To 100, Deduct	-1.94	
	For >100 To 250, Deduct	-3.87	
	For >250 To 500, Deduct	-6.75	
	For >500, Deduct	-9.62	
06 05 23 00-0146	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.12	
	For >10 To 50, Deduct	-0.74	
	For >50 To 100, Deduct	-1.52	
	For >100 To 250, Deduct	-3.04	
	For >250 To 500, Deduct	-5.30	
	For >500, Deduct	-7.57	
06 05 23 00-0147	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.43	
	For >10 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-1.63	
	For >100 To 250, Deduct	-3.26	
	For >250 To 500, Deduct	-5.68	
	For >500, Deduct	-8.10	
06 05 23 00-0148	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.14	
	For >10 To 50, Deduct	-0.84	
	For >50 To 100, Deduct	-1.74	
	For >100 To 250, Deduct	-3.49	
	For >250 To 500, Deduct	-6.08	
	For >500, Deduct	-8.67	
06 05 23 00-0149	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	22.45	
	For >10 To 50, Deduct	-0.94	
	For >50 To 100, Deduct	-1.98	
	For >100 To 250, Deduct	-3.95	
	For >250 To 500, Deduct	-6.87	
	For >500, Deduct	-9.79	
06 05 23 00-0150	EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	25.83	
	For >10 To 50, Deduct	-1.09	
	For >50 To 100, Deduct	-2.28	
	For >100 To 250, Deduct	-4.57	
	For >250 To 500, Deduct	-7.95	
	For >500, Deduct	-11.32	
06 05 23 00-0151	EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.84	
	For >10 To 50, Deduct	-1.19	
	For >50 To 100, Deduct	-2.51	
	For >100 To 250, Deduct	-5.02	
	For >250 To 500, Deduct	-8.72	
	For >500, Deduct	-12.42	
06 05 23 00-0152	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.10	
	For >10 To 50, Deduct	-0.94	
	For >50 To 100, Deduct	-2.02	
	For >100 To 250, Deduct	-4.04	
	For >250 To 500, Deduct	-7.00	
	For >500, Deduct	-9.96	
06 05 23 00-0153	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.65	
	For >10 To 50, Deduct	-1.09	
	For >50 To 100, Deduct	-2.36	
	For >100 To 250, Deduct	-4.71	
	For >250 To 500, Deduct	-8.16	
	For >500, Deduct	-11.61	
06 05 23 00-0154	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	32.24	
	For >10 To 50, Deduct	-1.14	
	For >50 To 100, Deduct	-2.52	
	For >100 To 250, Deduct	-5.04	
	For >250 To 500, Deduct	-8.70	
	For >500, Deduct	-12.36	
06 05 23 00-0155	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	37.68	
	For >10 To 50, Deduct	-1.24	
	For >50 To 100, Deduct	-2.80	
	For >100 To 250, Deduct	-5.61	
	For >250 To 500, Deduct	-9.65	
	For >500, Deduct	-13.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
06 05 23 00-0156	EA		3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	42.35	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-3.00	
			<i>For >100 To 250, Deduct</i>	-5.99	
			<i>For >250 To 500, Deduct</i>	-10.28	
			<i>For >500, Deduct</i>	-14.57	
06 05 23 00-0157			304/18-8 Stainless Steel, Hex Lag Bolts <small>(06 05 23 00-0116)</small>		
06 05 23 00-0158	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	13.44	
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.29	
			<i>For >100 To 250, Deduct</i>	-2.57	
			<i>For >250 To 500, Deduct</i>	-4.49	
			<i>For >500, Deduct</i>	-6.41	
06 05 23 00-0159	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.02	
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.30	
			<i>For >100 To 250, Deduct</i>	-2.60	
			<i>For >250 To 500, Deduct</i>	-4.53	
			<i>For >500, Deduct</i>	-6.47	
06 05 23 00-0160	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.60	
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.34	
			<i>For >100 To 250, Deduct</i>	-2.68	
			<i>For >250 To 500, Deduct</i>	-4.65	
			<i>For >500, Deduct</i>	-6.62	
06 05 23 00-0161	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.79	
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 250, Deduct</i>	-2.86	
			<i>For >250 To 500, Deduct</i>	-4.98	
			<i>For >500, Deduct</i>	-7.10	
06 05 23 00-0162	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	17.65	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-1.55	
			<i>For >100 To 250, Deduct</i>	-3.10	
			<i>For >250 To 500, Deduct</i>	-5.39	
			<i>For >500, Deduct</i>	-7.68	
06 05 23 00-0163	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.65	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 250, Deduct</i>	-3.15	
			<i>For >250 To 500, Deduct</i>	-5.46	
			<i>For >500, Deduct</i>	-7.78	
06 05 23 00-0164	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	35.66	
			<i>For >10 To 50, Deduct</i>	-0.89	
			<i>For >50 To 100, Deduct</i>	-2.22	
			<i>For >100 To 250, Deduct</i>	-4.45	
			<i>For >250 To 500, Deduct</i>	-7.56	
			<i>For >500, Deduct</i>	-10.67	
06 05 23 00-0165	EA		3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	48.92	
			<i>For >10 To 50, Deduct</i>	-0.94	
			<i>For >50 To 100, Deduct</i>	-2.63	
			<i>For >100 To 250, Deduct</i>	-5.26	
			<i>For >250 To 500, Deduct</i>	-8.82	
			<i>For >500, Deduct</i>	-12.38	
06 05 23 00-0166	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.80	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-1.59	
			<i>For >100 To 250, Deduct</i>	-3.17	
			<i>For >250 To 500, Deduct</i>	-5.50	
			<i>For >500, Deduct</i>	-7.84	
06 05 23 00-0167	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	21.90	
			<i>For >10 To 50, Deduct</i>	-0.79	
			<i>For >50 To 100, Deduct</i>	-1.74	
			<i>For >100 To 250, Deduct</i>	-3.48	
			<i>For >250 To 500, Deduct</i>	-6.01	
			<i>For >500, Deduct</i>	-8.55	
06 05 23 00-0168	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	26.53	
			<i>For >10 To 50, Deduct</i>	-0.84	
			<i>For >50 To 100, Deduct</i>	-1.93	
			<i>For >100 To 250, Deduct</i>	-3.86	
			<i>For >250 To 500, Deduct</i>	-6.63	
			<i>For >500, Deduct</i>	-9.41	
06 05 23 00-0169	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	51.91	
			<i>For >10 To 50, Deduct</i>	-0.94	
			<i>For >50 To 100, Deduct</i>	-2.71	
			<i>For >100 To 250, Deduct</i>	-5.43	
			<i>For >250 To 500, Deduct</i>	-9.08	
			<i>For >500, Deduct</i>	-12.74	
06 05 23 00-0170	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	69.93	
			<i>For >10 To 50, Deduct</i>	-1.09	
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-6.77	
			<i>For >250 To 500, Deduct</i>	-11.25	
			<i>For >500, Deduct</i>	-15.73	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
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 UNIT COST UNIT COST

06 05 23 00-0171	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	81.37	
		<i>For >10 To 50, Deduct</i>	-1.19	
		<i>For >50 To 100, Deduct</i>	-3.82	
		<i>For >100 To 250, Deduct</i>	-7.64	
		<i>For >250 To 500, Deduct</i>	-12.66	
		<i>For >500, Deduct</i>	-17.67	
06 05 23 00-0172	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	74.87	
		<i>For >10 To 50, Deduct</i>	-0.94	
		<i>For >50 To 100, Deduct</i>	-3.29	
		<i>For >100 To 250, Deduct</i>	-6.57	
		<i>For >250 To 500, Deduct</i>	-10.80	
		<i>For >500, Deduct</i>	-15.04	
06 05 23 00-0173	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	85.63	
		<i>For >10 To 50, Deduct</i>	-1.09	
		<i>For >50 To 100, Deduct</i>	-3.78	
		<i>For >100 To 250, Deduct</i>	-7.56	
		<i>For >250 To 500, Deduct</i>	-12.43	
		<i>For >500, Deduct</i>	-17.30	
06 05 23 00-0174	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	89.13	
		<i>For >10 To 50, Deduct</i>	-1.14	
		<i>For >50 To 100, Deduct</i>	-3.94	
		<i>For >100 To 250, Deduct</i>	-7.88	
		<i>For >250 To 500, Deduct</i>	-12.97	
		<i>For >500, Deduct</i>	-18.05	
06 05 23 00-0175	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	122.20	
		<i>For >10 To 50, Deduct</i>	-1.24	
		<i>For >50 To 100, Deduct</i>	-4.92	
		<i>For >100 To 250, Deduct</i>	-9.83	
		<i>For >250 To 500, Deduct</i>	-15.99	
		<i>For >500, Deduct</i>	-22.15	
06 05 23 00-0176	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	133.11	
		<i>For >10 To 50, Deduct</i>	-1.29	
		<i>For >50 To 100, Deduct</i>	-5.27	
		<i>For >100 To 250, Deduct</i>	-10.53	
		<i>For >250 To 500, Deduct</i>	-17.09	
		<i>For >500, Deduct</i>	-23.64	

06 05 23 00-0177 Timber Bolts (06 05 23 00-0038)

Note: Includes drilling of holes in any material.

06 05 23 00-0178	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914).....	30.06	
		<i>For >10 To 50, Deduct</i>	-1.05	
		<i>For >50 To 100, Deduct</i>	-2.32	
		<i>For >100 To 250, Deduct</i>	-4.65	
		<i>For >250 To 500, Deduct</i>	-8.02	
		<i>For >500, Deduct</i>	-11.39	
06 05 23 00-0179	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915).....	33.92	
		<i>For >10 To 50, Deduct</i>	-1.17	
		<i>For >50 To 100, Deduct</i>	-2.61	
		<i>For >100 To 250, Deduct</i>	-5.22	
		<i>For >250 To 500, Deduct</i>	-9.00	
		<i>For >500, Deduct</i>	-12.78	
06 05 23 00-0180	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916).....	36.58	
		<i>For >10 To 50, Deduct</i>	-1.25	
		<i>For >50 To 100, Deduct</i>	-2.79	
		<i>For >100 To 250, Deduct</i>	-5.58	
		<i>For >250 To 500, Deduct</i>	-9.62	
		<i>For >500, Deduct</i>	-13.66	
06 05 23 00-0181	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917).....	40.52	
		<i>For >10 To 50, Deduct</i>	-1.32	
		<i>For >50 To 100, Deduct</i>	-3.00	
		<i>For >100 To 250, Deduct</i>	-5.99	
		<i>For >250 To 500, Deduct</i>	-10.31	
		<i>For >500, Deduct</i>	-14.62	
06 05 23 00-0182	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918).....	43.08	
		<i>For >10 To 50, Deduct</i>	-1.39	
		<i>For >50 To 100, Deduct</i>	-3.17	
		<i>For >100 To 250, Deduct</i>	-6.33	
		<i>For >250 To 500, Deduct</i>	-10.89	
		<i>For >500, Deduct</i>	-15.45	
06 05 23 00-0183	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919).....	44.76	
		<i>For >10 To 50, Deduct</i>	-1.45	
		<i>For >50 To 100, Deduct</i>	-3.30	
		<i>For >100 To 250, Deduct</i>	-6.60	
		<i>For >250 To 500, Deduct</i>	-11.35	
		<i>For >500, Deduct</i>	-16.11	
06 05 23 00-0184	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920).....	39.96	
		<i>For >10 To 50, Deduct</i>	-1.25	
		<i>For >50 To 100, Deduct</i>	-2.87	
		<i>For >100 To 250, Deduct</i>	-5.75	
		<i>For >250 To 500, Deduct</i>	-9.87	
		<i>For >500, Deduct</i>	-14.00	
06 05 23 00-0185	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921).....	41.79	
		<i>For >10 To 50, Deduct</i>	-1.30	
		<i>For >50 To 100, Deduct</i>	-3.00	
		<i>For >100 To 250, Deduct</i>	-5.99	
		<i>For >250 To 500, Deduct</i>	-10.29	
		<i>For >500, Deduct</i>	-14.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0186 EA 3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	46.06	
For >10 To 50, Deduct	-1.38	
For >50 To 100, Deduct	-3.22	
For >100 To 250, Deduct	-6.44	
For >250 To 500, Deduct	-11.03	
For >500, Deduct	-15.63	
06 05 23 00-0187 EA 3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	49.35	
For >10 To 50, Deduct	-1.45	
For >50 To 100, Deduct	-3.41	
For >100 To 250, Deduct	-6.81	
For >250 To 500, Deduct	-11.67	
For >500, Deduct	-16.53	
06 05 23 00-0188 EA 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	52.90	
For >10 To 50, Deduct	-1.52	
For >50 To 100, Deduct	-3.60	
For >100 To 250, Deduct	-7.21	
For >250 To 500, Deduct	-12.33	
For >500, Deduct	-17.45	
06 05 23 00-0189 Supports <small>(06 05 23)</small>		
06 05 23 00-0190 Shear Plates <small>(06 05 23 00-0189)</small>		
06 05 23 00-0191 EA 2-5/8" Diameter, Shear Plate	10.02	3.75
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-0.88	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-3.07	
For >500, Deduct	-4.38	
06 05 23 00-0192 EA 4" Diameter, Shear Plate	12.47	3.95
For >10 To 50, Deduct	-0.44	
For >50 To 100, Deduct	-0.97	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-3.36	
For >500, Deduct	-4.77	
06 05 23 00-0193 Sill Anchors <small>(06 05 23 00-0189)</small>		
06 05 23 00-0194 EA Sill Anchor Embedded In Concrete	9.24	3.95
For >10 To 50, Deduct	-0.44	
For >50 To 100, Deduct	-0.89	
For >100 To 250, Deduct	-1.78	
For >250 To 500, Deduct	-3.12	
For >500, Deduct	-4.45	
06 05 23 00-0195 Spike Grids <small>(06 05 23 00-0189)</small>		
06 05 23 00-0196 EA 4" x 4" Flat Or Curved Spike Grid	9.01	3.75
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-0.86	
For >100 To 250, Deduct	-1.72	
For >250 To 500, Deduct	-3.00	
For >500, Deduct	-4.28	
06 05 23 00-0197 Split Rings <small>(06 05 23 00-0189)</small>		
06 05 23 00-0198 EA 2-1/2" Diameter Split Ring	9.36	3.75
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-0.87	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-3.02	
For >500, Deduct	-4.31	
06 05 23 00-0199 EA 4" Diameter Split Ring	10.74	4.15
For >10 To 50, Deduct	-0.46	
For >50 To 100, Deduct	-0.96	
For >100 To 250, Deduct	-1.92	
For >250 To 500, Deduct	-3.34	
For >500, Deduct	-4.76	
06 05 23 00-0200 Toothed Rings <small>(06 05 23 00-0189)</small>		
06 05 23 00-0201 EA 2-5/8" Or 4" Toothed Ring	10.69	3.75
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-0.90	
For >100 To 250, Deduct	-1.80	
For >250 To 500, Deduct	-3.12	
For >500, Deduct	-4.45	
06 05 23 00-0202 Straps And Shields <small>(06 05 23)</small>		
06 05 23 00-0203 Shield Plate <small>(06 05 23 00-0202)</small>		
06 05 23 00-0204 EA 5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z)	6.10	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.22	
For >100 To 250, Deduct	-0.43	
For >250 To 500, Deduct	-0.77	
For >500, Deduct	-1.19	

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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0205	EA	5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z)	9.07
		<i>For >10 To 50, Deduct</i>	-0.08
		<i>For >50 To 100, Deduct</i>	-0.30
		<i>For >100 To 250, Deduct</i>	-0.61
		<i>For >250 To 500, Deduct</i>	-1.06
		<i>For >500, Deduct</i>	-1.61
06 05 23 00-0206		Strap Ties <small>(06 05 23 00-0202)</small>	
06 05 23 00-0207	EA	1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9)	2.62
		<i>For >10 To 50, Deduct</i>	-0.05
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.23
		<i>For >250 To 500, Deduct</i>	-0.45
		<i>For >500, Deduct</i>	-0.73
06 05 23 00-0208	EA	1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12)	2.68
		<i>For >10 To 50, Deduct</i>	-0.05
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.24
		<i>For >250 To 500, Deduct</i>	-0.45
		<i>For >500, Deduct</i>	-0.73
06 05 23 00-0209	EA	1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15)	3.51
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.15
		<i>For >100 To 250, Deduct</i>	-0.30
		<i>For >250 To 500, Deduct</i>	-0.58
		<i>For >500, Deduct</i>	-0.93
06 05 23 00-0210	EA	1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18)	3.68
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.31
		<i>For >250 To 500, Deduct</i>	-0.59
		<i>For >500, Deduct</i>	-0.95
06 05 23 00-0211	EA	1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21)	3.82
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.32
		<i>For >250 To 500, Deduct</i>	-0.60
		<i>For >500, Deduct</i>	-0.96
06 05 23 00-0212	EA	1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24)	4.48
		<i>For >10 To 50, Deduct</i>	-0.08
		<i>For >50 To 100, Deduct</i>	-0.19
		<i>For >100 To 250, Deduct</i>	-0.38
		<i>For >250 To 500, Deduct</i>	-0.72
		<i>For >500, Deduct</i>	-1.15
06 05 23 00-0213	EA	1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30)	4.88
		<i>For >10 To 50, Deduct</i>	-0.08
		<i>For >50 To 100, Deduct</i>	-0.20
		<i>For >100 To 250, Deduct</i>	-0.40
		<i>For >250 To 500, Deduct</i>	-0.75
		<i>For >500, Deduct</i>	-1.19
06 05 23 00-0214	EA	1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36)	5.80
		<i>For >10 To 50, Deduct</i>	-0.09
		<i>For >50 To 100, Deduct</i>	-0.23
		<i>For >100 To 250, Deduct</i>	-0.47
		<i>For >250 To 500, Deduct</i>	-0.88
		<i>For >500, Deduct</i>	-1.40
06 05 23 00-0215	EA	1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A9)	2.68
		<i>For >10 To 50, Deduct</i>	-0.05
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.24
		<i>For >250 To 500, Deduct</i>	-0.45
		<i>For >500, Deduct</i>	-0.73
06 05 23 00-0216	EA	1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A12)	2.87
		<i>For >10 To 50, Deduct</i>	-0.05
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.25
		<i>For >250 To 500, Deduct</i>	-0.47
		<i>For >500, Deduct</i>	-0.75
06 05 23 00-0217	EA	1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A15)	3.63
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.15
		<i>For >100 To 250, Deduct</i>	-0.31
		<i>For >250 To 500, Deduct</i>	-0.59
		<i>For >500, Deduct</i>	-0.94
06 05 23 00-0218	EA	1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A18)	3.85
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.32
		<i>For >250 To 500, Deduct</i>	-0.61
		<i>For >500, Deduct</i>	-0.97
06 05 23 00-0219	EA	1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A21)	4.06
		<i>For >10 To 50, Deduct</i>	-0.06
		<i>For >50 To 100, Deduct</i>	-0.16
		<i>For >100 To 250, Deduct</i>	-0.33
		<i>For >250 To 500, Deduct</i>	-0.62
		<i>For >500, Deduct</i>	-0.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0220	EA	1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST24)	4.79		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.20		
		For >100 To 250, Deduct	-0.39		
		For >250 To 500, Deduct	-0.74		
		For >500, Deduct	-1.18		
06 05 23 00-0221	EA	1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST30)	5.12		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.20		
		For >100 To 250, Deduct	-0.41		
		For >250 To 500, Deduct	-0.76		
		For >500, Deduct	-1.21		
06 05 23 00-0222	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST36)	6.18		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.24		
		For >100 To 250, Deduct	-0.49		
		For >250 To 500, Deduct	-0.91		
		For >500, Deduct	-1.43		
06 05 23 00-0223	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST49)	7.89		
		For >10 To 50, Deduct	-0.10		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.60		
		For >250 To 500, Deduct	-1.10		
		For >500, Deduct	-1.72		
06 05 23 00-0224	EA	1-1/4" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9)	2.94		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.12		
		For >100 To 250, Deduct	-0.25		
		For >250 To 500, Deduct	-0.47		
		For >500, Deduct	-0.76		
06 05 23 00-0225	EA	1-1/4" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12)	3.17		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.13		
		For >100 To 250, Deduct	-0.26		
		For >250 To 500, Deduct	-0.49		
		For >500, Deduct	-0.78		
06 05 23 00-0226	EA	1-1/4" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18)	4.23		
		For >10 To 50, Deduct	-0.06		
		For >50 To 100, Deduct	-0.17		
		For >100 To 250, Deduct	-0.34		
		For >250 To 500, Deduct	-0.63		
		For >500, Deduct	-1.00		
06 05 23 00-0227	EA	1-1/4" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22)	5.45		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.21		
		For >100 To 250, Deduct	-0.42		
		For >250 To 500, Deduct	-0.79		
		For >500, Deduct	-1.24		
06 05 23 00-0228	EA	1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6)	3.62		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.14		
		For >100 To 250, Deduct	-0.28		
		For >250 To 500, Deduct	-0.53		
		For >500, Deduct	-0.83		
06 05 23 00-0229	EA	1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8)	3.80		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.15		
		For >100 To 250, Deduct	-0.29		
		For >250 To 500, Deduct	-0.54		
		For >500, Deduct	-0.85		
06 05 23 00-0230	EA	1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12)	5.11		
		For >10 To 50, Deduct	-0.06		
		For >50 To 100, Deduct	-0.19		
		For >100 To 250, Deduct	-0.38		
		For >250 To 500, Deduct	-0.70		
		For >500, Deduct	-1.09		
06 05 23 00-0231	EA	2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27)	8.83		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.59		
		For >250 To 500, Deduct	-1.04		
		For >500, Deduct	-1.58		
06 05 23 00-0232	EA	2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37)	11.82		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.38		
		For >100 To 250, Deduct	-0.77		
		For >250 To 500, Deduct	-1.33		
		For >500, Deduct	-2.00		
06 05 23 00-0233	EA	2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48)	15.49		
		For >10 To 50, Deduct	-0.10		
		For >50 To 100, Deduct	-0.49		
		For >100 To 250, Deduct	-0.98		
		For >250 To 500, Deduct	-1.67		
		For >500, Deduct	-2.48		
06 05 23 00-0234	EA	2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60)	22.17		
		For >10 To 50, Deduct	-0.11		
		For >50 To 100, Deduct	-0.67		
		For >100 To 250, Deduct	-1.34		
		For >250 To 500, Deduct	-2.23		
		For >500, Deduct	-3.27		

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0235	EA		2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72)	28.40	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.84	
			<i>For >100 To 250, Deduct</i>	-1.67	
			<i>For >250 To 500, Deduct</i>	-2.76	
			<i>For >500, Deduct</i>	-4.00	
06 05 23 00-0236	EA		3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28)	9.41	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100 To 250, Deduct</i>	-0.62	
			<i>For >250 To 500, Deduct</i>	-1.09	
			<i>For >500, Deduct</i>	-1.64	
06 05 23 00-0237	EA		3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40)	12.68	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 250, Deduct</i>	-0.81	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-2.08	
06 05 23 00-0238	EA		3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52)	15.73	
			<i>For >10 To 50, Deduct</i>	-0.10	
			<i>For >50 To 100, Deduct</i>	-0.49	
			<i>For >100 To 250, Deduct</i>	-0.99	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500, Deduct</i>	-2.50	
06 05 23 00-0239	EA		3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66)	22.63	
			<i>For >10 To 50, Deduct</i>	-0.11	
			<i>For >50 To 100, Deduct</i>	-0.68	
			<i>For >100 To 250, Deduct</i>	-1.36	
			<i>For >250 To 500, Deduct</i>	-2.27	
			<i>For >500, Deduct</i>	-3.31	
06 05 23 00-0240			Twist Strap Ties <small>(06 05 23 00-0202)</small>		
06 05 23 00-0241	EA		1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9)	3.26	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >100 To 250, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.50	
			<i>For >500, Deduct</i>	-0.79	
06 05 23 00-0242	EA		1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12)	3.69	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.29	
			<i>For >250 To 500, Deduct</i>	-0.53	
			<i>For >500, Deduct</i>	-0.84	
06 05 23 00-0243	EA		1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18)	4.94	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500, Deduct</i>	-1.08	
06 05 23 00-0244	EA		1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22)	5.86	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >100 To 250, Deduct</i>	-0.45	
			<i>For >250 To 500, Deduct</i>	-0.82	
			<i>For >500, Deduct</i>	-1.29	
06 05 23 00-0245			Retrofit Plate Strap <small>(06 05 23 00-0202)</small>		
06 05 23 00-0246	EA		1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18)	4.45	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-0.65	
			<i>For >500, Deduct</i>	-1.03	
06 05 23 00-0247	EA		1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22)	4.86	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.68	
			<i>For >500, Deduct</i>	-1.07	
06 05 23 00-0248	EA		1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28)	5.50	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >100 To 250, Deduct</i>	-0.40	
			<i>For >250 To 500, Deduct</i>	-0.73	
			<i>For >500, Deduct</i>	-1.13	
06 05 23 00-0249			Stud Shoe <small>(06 05 23 00-0202)</small>		
06 05 23 00-0250	EA		6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5)	7.85	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100 To 250, Deduct</i>	-0.54	
			<i>For >250 To 500, Deduct</i>	-0.97	
			<i>For >500, Deduct</i>	-1.48	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 05 23 00-0251	EA 6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5).....	11.50		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.36		
	For >100 To 250, Deduct	-0.73		
	For >250 To 500, Deduct	-1.24		
	For >500, Deduct	-1.85		
06 05 23 00-0252	EA 6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3).....	12.55		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.39		
	For >100 To 250, Deduct	-0.78		
	For >250 To 500, Deduct	-1.32		
	For >500, Deduct	-1.95		
06 05 23 00-0253	EA 6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5).....	16.04		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.48		
	For >100 To 250, Deduct	-0.95		
	For >250 To 500, Deduct	-1.58		
	For >500, Deduct	-2.30		
06 05 23 00-0254	EA 7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-SDS1.5).....	17.93		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.52		
	For >100 To 250, Deduct	-1.05		
	For >250 To 500, Deduct	-1.72		
	For >500, Deduct	-2.49		
06 05 23 00-0255	EA 7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-2-SDS3).....	21.99		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.63		
	For >100 To 250, Deduct	-1.25		
	For >250 To 500, Deduct	-2.03		
	For >500, Deduct	-2.90		
06 05 23 00-0256	EA 7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-3-SDS3).....	21.99		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.63		
	For >100 To 250, Deduct	-1.25		
	For >250 To 500, Deduct	-2.03		
	For >500, Deduct	-2.90		
06 05 23 00-0257	EA 7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS4-SDS3).....	21.99		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.63		
	For >100 To 250, Deduct	-1.25		
	For >250 To 500, Deduct	-2.03		
	For >500, Deduct	-2.90		
06 05 23 00-0258	Nail Stops (06 05 23 00-0202)			
06 05 23 00-0259	EA 1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1).....	2.48		
	For >10 To 50, Deduct	-0.05		
	For >50 To 100, Deduct	-0.11		
	For >100 To 250, Deduct	-0.23		
	For >250 To 500, Deduct	-0.44		
	For >500, Deduct	-0.71		
06 05 23 00-0260	EA 1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2).....	2.80		
	For >10 To 50, Deduct	-0.05		
	For >50 To 100, Deduct	-0.12		
	For >100 To 250, Deduct	-0.24		
	For >250 To 500, Deduct	-0.46		
	For >500, Deduct	-0.75		
06 05 73	Wood Treatment (06 05)			
06 05 73 13	Fire-Retardant Wood Treatment (06 05 73)			
06 05 73 13-0001	Preservative Treated Lumber (06 05 73 13)			
06 05 73 13-0002	Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)			
06 05 73 13-0003	MBF Fire Retardant Treatment (FRT) For Lumber.....	444.10		
06 05 73 33	Preservative Wood Treatment (06 05 73)			
06 05 73 33-0001	Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)			
06 05 73 33-0002	MBF Preservative Treatment For Marine And Fresh Water Lumber.....	117.95		
06 10	Rough Carpentry (06)			
06 11	Wood Framing (06 10)			
Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.				
06 11 13	Engineered Wood Products (06 11)			
Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.				
06 11 13 00-0001	Built-Up Members (06 11 13)			
Note: A structural framing member made from fastening separate pieces of lumber together.				
06 11 13 00-0002	Built-Up Beams Or Joists (06 11 13 00-0001)			
06 11 13 00-0003	LF Two 2" x 6" Built-up Wood Beam Or Joist.....	4.10		1.73
	For Each Additional 2" x_ " In The Built Up Member, Add	0.73		

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0004	LF		Two 2" x 8" Built-up Wood Beam Or Joist..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	5.12 1.03	2.05
06 11 13 00-0005	LF		Two 2" x 10" Built-up Wood Beam Or Joist..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	6.54 1.43	2.45
06 11 13 00-0006			Built-Up Posts (06 11 13 00-0001)		
06 11 13 00-0007	LF		Two 2" x 6" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	4.10 0.73	1.73
06 11 13 00-0008	LF		Two 2" x 8" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	5.12 1.03	2.05
06 11 13 00-0009	LF		Two 2" x 10" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	6.54 1.43	2.45
06 11 16			Mechanically Graded Lumber (06 11)		
06 11 16 00-0001			Sills And Plates (06 11 16)		
06 11 16 00-0002			Sills (06 11 16 00-0001) Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0003	LF		2" x 4" Wood Sill.....	2.72	1.53
06 11 16 00-0004	LF		2" x 6" Wood Sill.....	3.28	1.73
06 11 16 00-0005	LF		2" x 8" Wood Sill.....	3.91	1.93
06 11 16 00-0006	LF		2" x 4" Pressure Treated Wood Sill.....	3.04	1.53
06 11 16 00-0007	LF		2" x 6" Pressure Treated Wood Sill.....	3.80	1.73
06 11 16 00-0008	LF		2" x 8" Pressure Treated Wood Sill.....	4.64	1.93
06 11 16 00-0009			Plates (06 11 16 00-0001) Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0010	LF		2" x 4" Wood Plate.....	2.72	1.53
06 11 16 00-0011	LF		2" x 6" Wood Plate.....	3.28	1.73
06 11 16 00-0012	LF		2" x 8" Wood Plate.....	3.89	1.93
06 11 16 00-0013	LF		2" x 4" Pressure Treated Wood Plate.....	3.04	1.53
06 11 16 00-0014	LF		2" x 6" Pressure Treated Wood Plate.....	3.80	1.73
06 11 16 00-0015	LF		2" x 8" Pressure Treated Wood Plate.....	4.62	1.93
06 11 16 00-0016			Sills And Plates From Redwood (06 11 16 00-0001)		
06 11 16 00-0017			Construction Grade/Rough (06 11 16 00-0016)		
06 11 16 00-0018	LF		2" x 6" Redwood, Construction Grade/Rough.....	4.42	1.73
06 11 16 00-0019	LF		2" x 8" Redwood, Construction Grade/Rough.....	5.74	1.93
06 11 16 00-0020	LF		2" x 10" Redwood, Construction Grade/Rough.....	6.96	2.15
06 11 16 00-0021	LF		2" x 12" Redwood, Construction Grade/Rough.....	8.39	2.35
06 11 16 00-0022			Con Heart/Smooth (06 11 16 00-0016)		
06 11 16 00-0023	LF		2" x 6" Redwood, Con Heart/Smooth.....	5.22	1.73
06 11 16 00-0024	LF		2" x 8" Redwood, Con Heart/Smooth.....	6.93	1.93
06 11 16 00-0025	LF		2" x 10" Redwood, Con Heart/Smooth.....	8.98	2.15
06 11 16 00-0026	LF		2" x 12" Redwood, Con Heart/Smooth.....	10.80	2.35
06 11 16 00-0027			Suspended Ceiling Framing (06 11 16)		
06 11 16 00-0028	LF		1" x 2" Wood Suspended Ceiling Framing.....	2.25	1.33
06 11 16 00-0029	LF		1" x 3" Wood Suspended Ceiling Framing.....	2.45	1.43
06 11 16 00-0030	LF		2" x 2" Wood Suspended Ceiling Framing.....	2.64	1.53
06 11 16 00-0031	LF		2" x 4" Wood Suspended Ceiling Framing.....	3.13	1.73
06 11 16 00-0032	LF		1" x 2" Pressure Treated Wood Suspended Ceiling Framing.....	2.50	1.33
06 11 16 00-0033	LF		1" x 3" Pressure Treated Wood Suspended Ceiling Framing.....	2.43	1.43
06 11 16 00-0034	LF		2" x 2" Pressure Treated Wood Suspended Ceiling Framing.....	2.92	1.53
06 11 16 00-0035	LF		2" x 4" Pressure Treated Wood Suspended Ceiling Framing.....	3.40	1.73
06 11 16 00-0036			Posts And Girts (06 11 16)		
06 11 16 00-0037			Posts (06 11 16 00-0036) Note: A vertical, upright framing member.		
06 11 16 00-0038	LF		4" x 4" Wood Post.....	3.80	1.93
06 11 16 00-0039	LF		4" x 5" Wood Post.....	4.33	2.25
06 11 16 00-0040	LF		4" x 6" Wood Post.....	4.79	2.45
06 11 16 00-0041	LF		6" x 6" Wood Post.....	5.32	2.65
06 11 16 00-0042	LF		8" x 8" Wood Post.....	5.85	2.75
06 11 16 00-0043	LF		10" x 10" Wood Post.....	6.37	3.16
06 11 16 00-0044	LF		4" x 4" Pressure Treated Wood Post.....	4.85	1.93
06 11 16 00-0045	LF		3" x 6" Pressure Treated Wood Post.....	5.47	2.45
06 11 16 00-0046	LF		4" x 6" Pressure Treated Wood Post.....	6.29	2.45
06 11 16 00-0047	LF		6" x 6" Pressure Treated Wood Post.....	7.96	2.65
06 11 16 00-0048			Girts (06 11 16 00-0036) Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0049	LF		2" x 4" Wood Girt.....	1.90	0.74

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0050	LF	2" x 6" Wood Girt	2.34	0.81
06 11 16 00-0051	LF	2" x 8" Wood Girt.....	2.80	0.89
06 11 16 00-0052	LF	2" x 10" Wood Girt.....	3.38	0.98
06 11 16 00-0053	LF	4" x 4" Wood Girt	3.70	1.47
06 11 16 00-0054	LF	4" x 5" Wood Girt	4.23	1.65
06 11 16 00-0055	LF	4" x 6" Wood Girt.....	4.77	1.83
06 11 16 00-0056	LF	6" x 6" Wood Girt	5.30	2.03
06 11 16 00-0057	LF	8" x 8" Wood Girt	5.83	2.21
06 11 16 00-0058	LF	10" x 10" Wood Girt	6.36	2.40
06 11 16 00-0059	LF	2" x 4" Pressure Treated Wood Girt.....	2.22	0.74
06 11 16 00-0060	LF	2" x 6" Pressure Treated Wood Girt.....	2.86	0.81
06 11 16 00-0061	LF	2" x 8" Pressure Treated Wood Girt.....	3.53	0.89
06 11 16 00-0062	LF	2" x 10" Pressure Treated Wood Girt.....	4.13	0.98
06 11 16 00-0063	LF	4" x 4" Pressure Treated Wood Girt.....	4.85	1.47
06 11 16 00-0064	LF	3" x 6" Pressure Treated Wood Girt.....	5.47	1.83
06 11 16 00-0065	LF	4" x 6" Pressure Treated Wood Girt.....	6.29	1.83
06 11 16 00-0066	LF	6" x 6" Pressure Treated Wood Girt.....	7.96	2.03
06 11 16 00-0067 Construction Grade/Rough Redwood Posts (06 11 16 00-0036)				
06 11 16 00-0068	LF	4" x 4" Redwood, Construction Grade/Rough Post.....	6.55	1.93
		<i>For Smooth "Clear", Add</i>	0.72	
06 11 16 00-0069	LF	4" x 5" Redwood, Construction Grade/Rough Post.....	7.81	2.25
		<i>For Smooth "Clear", Add</i>	0.90	
06 11 16 00-0070	LF	4" x 6" Redwood, Construction Grade/Rough Post.....	9.11	2.45
		<i>For Smooth "Clear", Add</i>	1.09	
06 11 16 00-0071	LF	4" x 8" Redwood, Construction Grade/Rough Post.....	11.07	2.52
		<i>For Smooth "Clear", Add</i>	1.45	
06 11 16 00-0072	LF	4" x 10" Redwood, Construction Grade/Rough Post.....	13.12	2.68
		<i>For Smooth "Clear", Add</i>	1.81	
06 11 16 00-0073	LF	6" x 6" Redwood, Construction Grade/Rough Post.....	12.19	2.65
		<i>For Smooth "Clear", Add</i>	1.63	
06 11 16 00-0074	LF	6" x 8" Redwood, Construction Grade/Rough Post.....	15.06	2.75
		<i>For Smooth "Clear", Add</i>	2.17	
06 11 16 00-0075	LF	6" x 10" Redwood, Construction Grade/Rough Post.....	17.87	2.58
		<i>For Smooth "Clear", Add</i>	2.71	
06 11 16 00-0076	LF	8" x 8" Redwood, Construction Grade/Rough Post.....	18.89	2.75
		<i>For Smooth "Clear", Add</i>	2.89	
06 11 16 00-0077 Stair Stringers (06 11 16)				
		See CSI section 06 43 13 00-0001 for treads and risers.		
06 11 16 00-0078	LF	2" x 10" Wood Stair Stringer	7.53	4.08
06 11 16 00-0079	LF	2" x 12" Wood Stair Stringer	8.89	4.80
06 11 16 00-0080	LF	2" x 10" Pressure Treated Wood Stair Stringer.....	8.31	4.08
06 11 16 00-0081	LF	2" x 12" Pressure Treated Wood Stair Stringer.....	9.98	4.80
06 11 16 00-0082 Blocking (06 11 16)				
06 11 16 00-0083 Blocking (06 11 16 00-0082)				
06 11 16 00-0084 Blocking To Wood (06 11 16 00-0083)				
06 11 16 00-0085	LF	2" x 4" Pressure Treated Wood Blocking To Wood	5.98	2.45
06 11 16 00-0086	LF	2" x 6" Pressure Treated Wood Blocking To Wood	7.19	2.69
06 11 16 00-0087	LF	2" x 8" Pressure Treated Wood Blocking To Wood	8.26	2.96
06 11 16 00-0088	LF	4" x 4" Pressure Treated Wood Blocking To Wood	9.65	3.26
06 11 16 00-0089	LF	4" x 6" Pressure Treated Wood Blocking To Wood	10.37	3.58
06 11 16 00-0090	LF	2" x 4" Wood Blocking To Wood.....	5.33	2.45
06 11 16 00-0091	LF	2" x 6" Wood Blocking To Wood.....	6.12	2.69
06 11 16 00-0092	LF	2" x 8" Wood Blocking To Wood.....	6.96	2.96
06 11 16 00-0093	LF	4" x 4" Wood Blocking To Wood.....	7.39	3.26
06 11 16 00-0094	LF	4" x 6" Wood Blocking To Wood.....	8.29	3.58
06 11 16 00-0095 Blocking To Steel (06 11 16 00-0083)				
06 11 16 00-0096	LF	2" x 4" Pressure Treated Wood Blocking To Steel.....	6.82	2.81
06 11 16 00-0097	LF	2" x 6" Pressure Treated Wood Blocking To Steel.....	8.19	3.10
06 11 16 00-0098	LF	2" x 8" Pressure Treated Wood Blocking To Steel.....	9.37	3.41
06 11 16 00-0099	LF	2" x 4" Wood Blocking To Steel	6.11	2.81
06 11 16 00-0100	LF	2" x 6" Wood Blocking To Steel	7.00	3.10
06 11 16 00-0101	LF	2" x 8" Wood Blocking To Steel	7.94	3.41
06 11 16 00-0102 Blocking To Concrete (06 11 16 00-0083)				
06 11 16 00-0103	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	6.82	2.81
06 11 16 00-0104	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	8.19	3.10
06 11 16 00-0105	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	9.37	3.41
06 11 16 00-0106	LF	2" x 4" Wood Blocking To Concrete	6.11	2.81
06 11 16 00-0107	LF	2" x 6" Wood Blocking To Concrete	7.00	3.10
06 11 16 00-0108	LF	2" x 8" Wood Blocking To Concrete	7.94	3.41
06 11 16 00-0109 Pressure Treated Lattice (06 11 16 00-0082)				
06 11 16 00-0110	SF	3/4" Thick Pressure Treated Wood Lattice	6.08	2.15

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**
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06 11 16 00-0111		Roofing Nailers <small>(06 11 16)</small>		
06 11 16 00-0112	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers.....	3.10	0.82
06 11 16 00-0113	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers.....	3.70	0.87
06 11 16 00-0114	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers.....	4.31	0.92
06 11 16 00-0115		Roofing Sleepers <small>(06 11 16)</small>		
06 11 16 00-0116	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	1.52	
06 11 16 00-0117	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	3.40	
06 11 16 00-0118	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	4.44	
06 11 16 00-0119	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	5.96	
06 11 16 00-0120		Canopy Framing, Bridging, And Furring <small>(06 11 16)</small>		
06 11 16 00-0121		Wood And Steel Bridging <small>(06 11 16 00-0120)</small>		
06 11 16 00-0122		Wood Bridging <small>(06 11 16 00-0121)</small>		
06 11 16 00-0123	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	8.23	3.57
06 11 16 00-0124	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	8.46	3.57
06 11 16 00-0125		Steel Bridging <small>(06 11 16 00-0121)</small>		
06 11 16 00-0126	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center.....	9.37	3.57
06 11 16 00-0127	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center.....	9.35	3.57
06 11 16 00-0128		Light Framing, Trim And Furring <small>(06 11 16 00-0120)</small>		
06 11 16 00-0129		Pine/Spruce/Fir Light Framing, Trim And Furring <small>(06 11 16 00-0128)</small>		
06 11 16 00-0130	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....	1.81	0.84
06 11 16 00-0131	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.03	0.92
06 11 16 00-0132	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.35	1.01
06 11 16 00-0133	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.61	1.11
06 11 16 00-0134	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.89	1.23
06 11 16 00-0135	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.19	1.35
06 11 16 00-0136	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.62	1.11
06 11 16 00-0137	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.93	1.23
06 11 16 00-0138	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.42	1.35
06 11 16 00-0139	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.99	1.48
06 11 16 00-0140	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	4.68	1.63
06 11 16 00-0141		Cedar Light Framing, Trim And Furring <small>(06 11 16 00-0128)</small>		
06 11 16 00-0142	LF	1" x 1" Cedar Light Framing, Trim And Furring.....	1.83	0.84
06 11 16 00-0143	LF	1" x 2" Cedar Light Framing, Trim And Furring.....	2.15	0.92
06 11 16 00-0144	LF	1" x 4" Cedar Light Framing, Trim And Furring.....	2.81	1.01
06 11 16 00-0145	LF	1" x 6" Cedar Light Framing, Trim And Furring.....	3.40	1.11
06 11 16 00-0146	LF	1" x 8" Cedar Light Framing, Trim And Furring.....	4.97	1.23
06 11 16 00-0147	LF	1" x 10" Cedar Light Framing, Trim And Furring.....	5.84	1.35
06 11 16 00-0148	LF	2" x 2" Cedar Light Framing, Trim And Furring.....	2.92	1.11
06 11 16 00-0149	LF	2" x 4" Cedar Light Framing, Trim And Furring.....	3.37	1.23
06 11 16 00-0150		Oak Light Framing, Trim And Furring <small>(06 11 16 00-0128)</small>		
06 11 16 00-0151	LF	1" x 1" Oak Light Framing, Trim And Furring.....	1.84	0.84
06 11 16 00-0152	LF	1" x 2" Oak Light Framing, Trim And Furring.....	2.16	0.92
06 11 16 00-0153	LF	1" x 4" Oak Light Framing, Trim And Furring.....	2.69	1.01
06 11 16 00-0154	LF	1" x 6" Oak Light Framing, Trim And Furring.....	3.23	1.11
06 11 16 00-0155	LF	1" x 8" Oak Light Framing, Trim And Furring.....	3.78	1.23
06 11 16 00-0156	LF	1" x 10" Oak Light Framing, Trim And Furring.....	4.35	1.35
06 11 16 00-0157	LF	2" x 2" Oak Light Framing, Trim And Furring.....	2.90	1.11
06 11 16 00-0158	LF	2" x 4" Oak Light Framing, Trim And Furring.....	3.78	1.23
06 11 16 00-0159		Redwood Light Framing, Trim And Furring <small>(06 11 16 00-0128)</small>		
06 11 16 00-0160	LF	1" x 1" Redwood Light Framing, Trim And Furring.....	1.79	0.84
06 11 16 00-0161	LF	1" x 2" Redwood Light Framing, Trim And Furring.....	2.07	0.92
06 11 16 00-0162	LF	1" x 4" Redwood Light Framing, Trim And Furring.....	2.53	1.01
06 11 16 00-0163	LF	1" x 6" Redwood Light Framing, Trim And Furring.....	3.03	1.11
06 11 16 00-0164	LF	1" x 8" Redwood Light Framing, Trim And Furring.....	3.57	1.23
06 11 16 00-0165	LF	1" x 10" Redwood Light Framing, Trim And Furring.....	4.16	1.35
06 11 16 00-0166	LF	2" x 2" Redwood Light Framing, Trim And Furring.....	3.04	1.11
06 11 16 00-0167	LF	2" x 4" Redwood Light Framing, Trim And Furring.....	3.59	1.23
06 11 16 00-0168		Poplar Light Framing, Trim And Furring <small>(06 11 16 00-0128)</small>		
06 11 16 00-0169	LF	1" x 1" Poplar Light Framing, Trim And Furring.....	2.07	0.84
06 11 16 00-0170	LF	1" x 2" Poplar Light Framing, Trim And Furring.....	2.51	0.92
06 11 16 00-0171	LF	1" x 4" Poplar Light Framing, Trim And Furring.....	3.16	1.01

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0172	LF	1" x 6" Poplar Light Framing, Trim And Furring	3.99	1.11
06 11 16 00-0173	LF	1" x 8" Poplar Light Framing, Trim And Furring	4.62	1.23
06 11 16 00-0174	LF	1" x 10" Poplar Light Framing, Trim And Furring	6.05	1.35
06 11 16 00-0175	LF	1" x 12" Poplar Light Framing, Trim And Furring	6.53	1.35
06 11 16 00-0176	LF	2" x 2" Poplar Light Framing, Trim And Furring	5.18	1.11
06 11 16 00-0177	LF	2" x 4" Poplar Light Framing, Trim And Furring	5.81	1.23
06 11 16 00-0178	LF	2" x 6" Poplar Light Framing, Trim And Furring	7.72	1.35
06 11 16 00-0179		Maple Light Framing, Trim And Furring (06 11 16 00-0128)		
06 11 16 00-0180	LF	1" x 4" Maple Light Framing, Trim And Furring	4.37	1.01
06 11 16 00-0181	LF	1" x 6" Maple Light Framing, Trim And Furring	5.88	1.11
06 11 16 00-0182	LF	1" x 8" Maple Light Framing, Trim And Furring	7.42	1.23
06 11 16 00-0183		Rafters And Joists (06 11 16)		
06 11 16 00-0184		Rafters (06 11 16 00-0183)		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0185	LF	2" x 6" Wood Rafter	2.36	1.23
06 11 16 00-0186	LF	2" x 8" Wood Rafter	2.76	1.33
06 11 16 00-0187	LF	2" x 10" Wood Rafter	3.98	1.93
06 11 16 00-0188	LF	2" x 12" Wood Rafter	4.59	2.15
06 11 16 00-0189	LF	2" x 14" Wood Rafter	4.98	2.35
06 11 16 00-0190	LF	2" x 6" Pressure Treated Wood Rafter.....	2.88	1.23
06 11 16 00-0191	LF	2" x 8" Pressure Treated Wood Rafter.....	3.49	1.33
06 11 16 00-0192	LF	2" x 10" Pressure Treated Wood Rafter.....	4.73	1.93
06 11 16 00-0193	LF	2" x 12" Pressure Treated Wood Rafter.....	5.70	2.15
06 11 16 00-0194		Joists (06 11 16 00-0183)		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0195	LF	2" x 6" Wood Floor Joist.....	2.06	1.02
06 11 16 00-0196	LF	2" x 8" Wood Floor Joist.....	2.56	1.12
06 11 16 00-0197	LF	2" x 10" Wood Floor Joist.....	3.26	1.43
06 11 16 00-0198	LF	2" x 12" Wood Floor Joist.....	3.88	1.63
06 11 16 00-0199	LF	2" x 14" Wood Floor Joist.....	4.27	1.73
06 11 16 00-0200	LF	2" x 6" Pressure Treated Wood Floor Joist.....	2.58	1.02
06 11 16 00-0201	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.29	1.12
06 11 16 00-0202	LF	2" x 10" Pressure Treated Wood Floor Joist.....	4.01	1.43
06 11 16 00-0203	LF	2" x 12" Pressure Treated Wood Floor Joist.....	4.99	1.63
06 11 16 00-0204		Purlins (06 11 16 00-0183)		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0205	LF	2" x 4" Wood Purlin	1.66	0.61
06 11 16 00-0206	LF	2" x 6" Wood Purlin	2.08	0.68
06 11 16 00-0207	LF	2" x 8" Wood Purlin	2.51	0.75
06 11 16 00-0208	LF	2" x 10" Wood Purlin.....	3.06	0.82
06 11 16 00-0209	LF	2" x 4" Pressure Treated Wood Purlin	1.98	0.61
06 11 16 00-0210	LF	2" x 6" Pressure Treated Wood Purlin	2.60	0.68
06 11 16 00-0211	LF	2" x 8" Pressure Treated Wood Purlin	3.24	0.75
06 11 16 00-0212	LF	2" x 10" Pressure Treated Wood Purlin	3.81	0.82
06 11 16 00-0213		Exposed Rafters Or Joists (06 11 16 00-0183)		
06 11 16 00-0214		Redwood Rafters Or Joists (06 11 16 00-0213)		
06 11 16 00-0215	LF	2" x 6" Redwood Rafter Or Joist	3.12	1.02
06 11 16 00-0216	LF	2" x 8" Redwood Rafter Or Joist	3.80	1.12
06 11 16 00-0217	LF	2" x 10" Redwood Rafter Or Joist	4.73	1.43
06 11 16 00-0218	LF	2" x 12" Redwood Rafter Or Joist	5.74	1.63
06 11 16 00-0219		Cedar Rafters Or Joists (06 11 16 00-0213)		
06 11 16 00-0220	LF	2" x 6" Cedar Rafter Or Joist.....	2.06	1.02
06 11 16 00-0221	LF	2" x 8" Cedar Rafter Or Joist.....	2.31	1.12
06 11 16 00-0222	LF	2" x 10" Cedar Rafter Or Joist.....	2.66	1.43
06 11 16 00-0223	LF	2" x 12" Cedar Rafter Or Joist.....	3.03	1.63
06 11 16 00-0224		Oak Rafters Or Joists (06 11 16 00-0213)		
06 11 16 00-0225	LF	2" x 6" Oak Rafter Or Joist.....	2.50	1.02
06 11 16 00-0226	LF	2" x 8" Oak Rafter Or Joist.....	3.41	1.12
06 11 16 00-0227	LF	2" x 10" Oak Rafter Or Joist.....	4.42	1.43
06 11 16 00-0228	LF	2" x 12" Oak Rafter Or Joist.....	5.45	1.63
06 11 16 00-0229		Framing (06 11 16)		
06 11 16 00-0230		Partition Framing (06 11 16 00-0229)		
06 11 16 00-0231	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.60	0.82
06 11 16 00-0232	LF	2" x 6" Wood Stud Framing, For Partition Walls	1.96	0.87
06 11 16 00-0233	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.31	0.92
06 11 16 00-0234	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.92	0.82

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06 11 16 00-0235	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.48	0.87
06 11 16 00-0236	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	3.04	0.92

06 11 16 00-0237 Wall Framing Assemblies By The SF (06 11 16 00-0229)

Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

06 11 16 00-0238 Wall Framing By The SF, 12" On Center (06 11 16 00-0237)

06 11 16 00-0239	SF	2" x 4" Wood Wall Framing At 12" On Center.....	2.08	0.98
		For Up To 200, Add	0.71	
		For >200 To 500, Add	0.35	
06 11 16 00-0240	SF	2" x 6" Wood Wall Framing At 12" On Center.....	2.79	1.27
		For Up To 200, Add	0.93	
		For >200 To 500, Add	0.47	
06 11 16 00-0241	SF	2" x 8" Wood Wall Framing At 12" On Center.....	3.73	1.69
		For Up To 200, Add	1.24	
		For >200 To 500, Add	0.62	

06 11 16 00-0242 Wall Framing By The SF, 16" On Center (06 11 16 00-0237)

06 11 16 00-0243	SF	2" x 4" Wood Wall Framing At 16" On Center.....	1.69	0.80
		For Up To 200, Add	0.57	
		For >200 To 500, Add	0.29	
06 11 16 00-0244	SF	2" x 6" Wood Wall Framing At 16" On Center.....	2.32	1.05
		For Up To 200, Add	0.77	
		For >200 To 500, Add	0.39	
06 11 16 00-0245	SF	2" x 8" Wood Wall Framing At 16" On Center.....	3.11	1.41
		For Up To 200, Add	1.04	
		For >200 To 500, Add	0.52	

06 11 16 00-0246 Wall Framing By The SF, 24" On Center (06 11 16 00-0237)

06 11 16 00-0247	SF	2" x 4" Wood Wall Framing At 24" On Center.....	1.33	0.62
		For Up To 200, Add	0.45	
		For >200 To 500, Add	0.23	
06 11 16 00-0248	SF	2" x 6" Wood Wall Framing At 24" On Center.....	1.83	0.82
		For Up To 200, Add	0.61	
		For >200 To 500, Add	0.31	
06 11 16 00-0249	SF	2" x 8" Wood Wall Framing At 24" On Center.....	2.44	1.09
		For Up To 200, Add	0.81	
		For >200 To 500, Add	0.41	

06 13 Heavy Timber Construction (06 10)**06 13 23 Heavy Timber Framing** (06 13)**06 13 23 00-0001 Heavy Timber Framing** (06 13 23)

Note: Excludes fasteners.

06 13 23 00-0002 Heavy Timber Beams (06 13 23 00-0001)**06 13 23 00-0003 Pine, Heavy Timber Beams** (06 13 23 00-0002)

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam.....	5.57	1.81
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam.....	6.69	1.88
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam.....	7.81	1.96
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam.....	10.07	2.10
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam.....	11.93	2.22
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam.....	8.41	2.05
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam.....	10.04	2.15
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam.....	13.42	2.30
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam.....	15.92	2.35
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam.....	12.20	2.22
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam.....	16.37	2.30
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam.....	19.74	2.35
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam.....	19.51	2.35
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam.....	23.81	2.55
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam.....	28.06	2.81

06 13 23 00-0019 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)

06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam.....	5.77	1.81
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam.....	6.98	1.88
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam.....	8.20	1.96
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam.....	10.66	2.10
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam.....	12.67	2.22
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam.....	8.85	2.05
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam.....	10.61	2.15
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam.....	14.30	2.30
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam.....	17.05	2.35
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam.....	12.97	2.22
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam.....	17.55	2.30
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam.....	21.24	2.35
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam.....	20.98	2.35
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam.....	25.66	2.55
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam.....	30.29	2.81

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06 13 23 00-0035		Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	6.41	1.81
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	8.21	1.88
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	9.77	1.96
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	13.04	2.10
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	15.69	2.22
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	11.52	2.05
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	14.22	2.15
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	17.12	2.30
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	21.15	2.35
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	21.40	2.22
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	24.94	2.30
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	29.46	2.35
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	29.59	2.35
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	39.34	2.55
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	46.71	2.81

06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)

06 13 23 00-0052		Pine, Heavy Timber Columns (06 13 23 00-0051)		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	3.84	0.95
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	4.93	1.00
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	5.95	1.03
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	8.09	1.10
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	9.83	1.16
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	6.49	1.06
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	8.05	1.11
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	11.25	1.21
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	13.69	1.24
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	10.10	1.16
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	14.20	1.21
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	17.48	1.26
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	17.24	1.26
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	21.39	1.35
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	25.41	1.48

06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0051)

06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	4.04	0.95
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	5.22	1.00
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	6.34	1.03
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	8.68	1.10
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	10.57	1.16
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	6.93	1.06
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	8.62	1.11
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	12.13	1.21
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	14.82	1.24
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	10.87	1.16
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	15.38	1.21
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	18.98	1.26
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	18.71	1.26
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	23.24	1.35
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	27.64	1.48

06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0051)

06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.68	0.95
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.45	1.00
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	7.91	1.03
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	11.06	1.10
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	13.59	1.16
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.60	1.06
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	12.23	1.11
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	14.95	1.21
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	18.92	1.24
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	19.30	1.16
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	22.77	1.21
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	27.20	1.26
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	27.32	1.26
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	36.92	1.35
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	44.06	1.48

06 15 Wood Decking (06 10)

06 15 13 Wood Floor Decking (06 15)

06 15 13 00-0001	Wood Deck Systems (06 15 13)	Note: Includes the deck, joists, girders, posts 8' on-center, pickets and railing.
06 15 13 00-0002	Pressure Treated Wood Deck System (06 15 13 00-0001)	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 15 13 00-0003		2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	32.76		6.33
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	31.74		6.02
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	33.99		6.50
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	32.98		6.17
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	33.86		6.50
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	32.81		6.16
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.13		6.65
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center.....	34.10		6.32
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	32.76		6.33
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	31.74		6.02
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	33.99		6.50
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	32.98		6.17
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.08		6.33
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	34.17		6.19
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.91		6.50
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.72		6.17
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.51		6.50
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.57		6.16
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	39.49		6.65
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.32		6.32
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	36.01		6.33
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	35.10		6.02
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	37.89		6.50
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	37.46		6.17
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>			
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	34.03		6.33
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	33.07		6.02
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.72		6.50
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	34.52		6.17
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>			
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.25		6.50
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.26		6.16
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.09		6.65
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.31		6.32
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>			
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	35.57		6.33
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	33.90		6.02
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	36.60		6.50
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	35.81		6.17
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0050)</small>			
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	33.60		6.33
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	32.61		6.02
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	34.90		6.50
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	33.93		6.17

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with columns for Item ID, Description, and Unit Cost. Includes entries for Wood Deck Systems, Wood Stair Systems, and Wood Stair Systems with various joist and decking specifications.

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	112.62	14.79
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	119.01	15.97
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	116.49	15.18
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	120.97	16.35
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	118.26	15.54
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	124.96	16.77
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.32	15.93
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.84	17.17
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.98	16.31
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	131.02	17.60
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.23	16.73
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	135.12	18.03
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.19	17.13
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.59	18.49
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.76	17.56
06 15 13 00-0137		Wood Deck And Ramp Systems Repairs <small>(06 15 13)</small>		
		Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0138		Deck Joist Or Girt <small>(06 15 13 00-0137)</small>		
		See CSI section 06 11 16 00-0194 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0139		Deck Boards <small>(06 15 13 00-0137)</small>		
		See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0140	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.05	0.79
06 15 13 00-0141	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.26	0.93
06 15 13 00-0142	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.16	0.93
06 15 13 00-0143	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.86	1.07
06 15 13 00-0144	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.66	1.29
06 15 13 00-0145	LF	2" x 10" Round Edge Pressure Treated Deck Boards	4.50	1.57
06 15 13 00-0146	LF	2" x 12" Round Edge Pressure Treated Deck Boards	5.56	1.85
06 15 13 00-0147	LF	2" x 4" Round Edge Cedar Deck Boards	2.33	0.93
06 15 13 00-0148	LF	2" x 6" Round Edge Cedar Deck Boards	2.99	1.07
06 15 13 00-0149	LF	2" x 4" Round Edge Redwood Deck Boards	2.55	0.93
06 15 13 00-0150	LF	2" x 6" Round Edge Redwood Deck Boards	3.32	1.07
06 15 13 00-0151		Deck Posts <small>(06 15 13 00-0137)</small>		
		See CSI section 06 11 16 00-0036 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0152		Deck Railing And Pickets <small>(06 15 13 00-0137)</small>		
		See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0153	LF	2" x 4" Pressure Treated Deck Railing	2.16	0.93
06 15 13 00-0154	LF	2" x 2" Pressure Treated Deck Railing Picket	1.45	0.72
06 15 13 00-0155	LF	2" x 4" Cedar Deck Railing	2.33	0.93
06 15 13 00-0156	LF	2" x 2" Cedar Deck Railing Picket	1.75	0.72
06 15 13 00-0157	LF	2" x 4" Redwood Deck Railing	2.55	0.93
06 15 13 00-0158	LF	2" x 2" Redwood Deck Railing Picket	1.91	0.72
06 15 13 00-0159		Wood Ramp Systems <small>(06 15 13)</small>		
		Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.		
06 15 13 00-0160		Pressure Treated Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0161		2" x 6" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0162	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.04	6.17
06 15 13 00-0163	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	36.72	5.86
06 15 13 00-0164	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.40	6.33
06 15 13 00-0165	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.08	6.02
06 15 13 00-0166		2" x 8" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0167	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.26	6.33
06 15 13 00-0168	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.92	6.02
06 15 13 00-0169	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.67	6.50
06 15 13 00-0170	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.33	6.17
06 15 13 00-0171		2" x 10" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0172	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.52	6.49
06 15 13 00-0173	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	39.15	6.16
06 15 13 00-0174	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.97	6.65
06 15 13 00-0175	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.61	6.32
06 15 13 00-0176		Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0177		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0176)</small>		
06 15 13 00-0178	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.23	6.17
06 15 13 00-0179	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.00	5.86
06 15 13 00-0180	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.13	6.33
06 15 13 00-0181	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.66	6.02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 15 13 00-0182			2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0176)</small>		
06 15 13 00-0183	SF		5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	41.58	6.33
06 15 13 00-0184	SF		5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	40.35	6.02
06 15 13 00-0185	SF		2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	43.59	6.50
06 15 13 00-0186	SF		2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	42.07	6.17
06 15 13 00-0187			2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0176)</small>		
06 15 13 00-0188	SF		5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	44.18	6.49
06 15 13 00-0189	SF		5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	42.91	6.16
06 15 13 00-0190	SF		2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	46.34	6.65
06 15 13 00-0191	SF		2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	45.31	6.32
06 15 13 00-0192			Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0193			2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0194	SF		5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	38.82	6.17
06 15 13 00-0195	SF		5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	37.52	5.86
06 15 13 00-0196	SF		2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	40.24	6.33
06 15 13 00-0197	SF		2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	38.96	6.02
06 15 13 00-0198			2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0199	SF		5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	40.08	6.33
06 15 13 00-0200	SF		5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	38.77	6.02
06 15 13 00-0201	SF		2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	41.57	6.50
06 15 13 00-0202	SF		2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	40.26	6.17
06 15 13 00-0203			2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0192)</small>		
06 15 13 00-0204	SF		5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	41.41	6.49
06 15 13 00-0205	SF		5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	40.07	6.16
06 15 13 00-0206	SF		2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	42.92	6.65
06 15 13 00-0207	SF		2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	41.61	6.32

06 16 Sheathing
(06 10)

06 16 23 Subflooring
(06 16)

06 16 23 00-0001			Board Type Subflooring <small>(06 16 23)</small>		
06 16 23 00-0002	SF		1" x 8" Regular Surface Board Type Subfloor..... Note: 4 Sides Laid In A Regular Pattern. For Water Resistant Coating Or Treatment, Add For Foil Backing, Add For Tongue And Groove, Add	2.58 0.05 0.08 0.05	0.82
06 16 23 00-0003	SF		1" x 8" Diagonal Surface Board Type Subfloor..... Note: 4 Sides Laid In A Diagonal Pattern. For Water Resistant Coating Or Treatment, Add For Foil Backing, Add For Tongue And Groove, Add	2.91 0.05 0.08 0.05	1.02
06 16 23 00-0004	SF		1" x 10" Regular Surface Board Type Subfloor..... Note: 4 sides laid in a regular pattern. For Water Resistant Coating Or Treatment, Add For Foil Backing, Add For Tongue And Groove, Add	2.45 0.05 0.08 0.05	0.72
06 16 23 00-0005	SF		1" x 10" Diagonal Surface Board Type Subfloor..... Note: 4 sides laid in a diagonal pattern. For Water Resistant Coating Or Treatment, Add For Foil Backing, Add For Tongue And Groove, Add	2.69 0.05 0.08 0.05	0.82

06 16 33 Wood Board Sheathing
(06 16)

06 16 33 00-0001			Plywood <small>(06 16 33)</small>		
06 16 33 00-0002			Roof Decking <small>(06 16 33 00-0001)</small>		
06 16 33 00-0003	SF		3/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For ACQ Preservative Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	1.70 0.24 0.07 0.24 0.24 1.82 0.39 -0.03 -0.04 -0.08 -0.12	0.51

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking.....	1.91	0.61
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.26	
		For Exterior CC Grade Plywood, Add	0.09	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.26	
		For ACQ Preservative Treatment, Add	0.28	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.98	
		For Fire Retardant Treatment, Add	0.47	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.05	
		For >6,400 To 12,800, Deduct	-0.10	
		For >12,800, Deduct	-0.14	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking.....	2.16	0.61
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.28	
		For Exterior CC Grade Plywood, Add	0.11	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.28	
		For ACQ Preservative Treatment, Add	0.36	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.12	
		For Fire Retardant Treatment, Add	0.59	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.07	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.16	
		For Tongue And Groove, Add	0.05	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking.....	2.39	0.72
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.30	
		For Exterior CC Grade Plywood, Add	0.13	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
		For ACQ Preservative Treatment, Add	0.42	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.28	
		For Fire Retardant Treatment, Add	0.69	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.13	
		For >12,800, Deduct	-0.18	
		For Tongue And Groove, Add	0.06	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking.....	2.83	0.82
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.33	
		For Exterior CC Grade Plywood, Add	0.18	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33	
		For ACQ Preservative Treatment, Add	0.56	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.49	
		For Fire Retardant Treatment, Add	0.92	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.11	
		For >6,400 To 12,800, Deduct	-0.17	
		For >12,800, Deduct	-0.22	
		For Tongue And Groove, Add	0.08	
06 16 33 00-0008		Wall Sheathing <small>(06 16 33 00-0001)</small>		
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing.....	2.00	0.72
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.30	
		For Exterior CC Grade Plywood, Add	0.07	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
		For Ceiling Installation, Add	0.15	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.28	
		For Fire Retardant Treatment, Add	0.38	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.04	
		For >6,400 To 12,800, Deduct	-0.09	
		For >12,800, Deduct	-0.13	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing.....	2.03	0.72
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.30	
		For Exterior CC Grade Plywood, Add	0.08	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
		For Ceiling Installation, Add	0.15	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.28	
		For Fire Retardant Treatment, Add	0.40	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.05	
		For >6,400 To 12,800, Deduct	-0.09	
		For >12,800, Deduct	-0.14	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.07	0.82
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.30	
		For Exterior CC Grade Plywood, Add	0.08	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
		For Ceiling Installation, Add	0.15	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.28	
		For Fire Retardant Treatment, Add	0.43	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.05	
		For >6,400 To 12,800, Deduct	-0.10	
		For >12,800, Deduct	-0.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0012	SF		1/2" Interior BC Plywood Wall Sheathing.....	2.33	0.82
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.33	
			For Exterior CC Grade Plywood, Add	0.11	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.33	
			For Ceiling Installation, Add	0.16	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45	
			For Fire Retardant Treatment, Add	0.55	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.17	
06 16 33 00-0013	SF		5/8" Interior BC Plywood Wall Sheathing.....	2.60	0.92
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.35	
			For Exterior CC Grade Plywood, Add	0.13	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
			For Ceiling Installation, Add	0.18	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
			For Fire Retardant Treatment, Add	0.67	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.19	
06 16 33 00-0014	SF		3/4" Interior BC Plywood Wall Sheathing.....	2.85	1.02
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.38	
			For Exterior CC Grade Plywood, Add	0.15	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.38	
			For Ceiling Installation, Add	0.19	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.82	
			For Fire Retardant Treatment, Add	0.77	
			For >1,696 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.09	
			For >6,400 To 12,800, Deduct	-0.15	
			For >12,800, Deduct	-0.21	
06 16 33 00-0015			Floor Decking <small>(06 16 33 00-0001)</small>		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF		5/16" CD Grade Plywood Floor Decking.....	1.51	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.71	
			For Fire Retardant Treatment, Add	0.29	
			For >1,696 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.10	
			For ACQ Preservative Treatment, Add	0.18	
			For Fir Plywood, Add	0.07	
			For BC Grade Plywood, Add	0.05	
			For Exterior Glue, Add	0.03	
			For Marine Grade, Add	0.29	
06 16 33 00-0017	SF		3/8" CD Grade Plywood Floor Decking.....	1.61	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.82	
			For Fire Retardant Treatment, Add	0.32	
			For >1,696 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.11	
			For ACQ Preservative Treatment, Add	0.19	
			For Fir Plywood, Add	0.07	
			For BC Grade Plywood, Add	0.06	
			For Exterior Glue, Add	0.04	
			For Marine Grade, Add	0.31	
06 16 33 00-0018	SF		1/2" CD Grade Plywood Floor Decking.....	1.81	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.92	
			For Fire Retardant Treatment, Add	0.42	
			For >1,696 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.05	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.13	
			For ACQ Preservative Treatment, Add	0.25	
			For Fir Plywood, Add	0.10	
			For BC Grade Plywood, Add	0.08	
			For Exterior Glue, Add	0.05	
			For Marine Grade, Add	0.41	
06 16 33 00-0019	SF		5/8" CD Grade Plywood Floor Decking.....	2.04	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.09	
			For Fire Retardant Treatment, Add	0.51	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.11	
			For >12,800, Deduct	-0.15	
			For ACQ Preservative Treatment, Add	0.31	
			For Fir Plywood, Add	0.12	
			For BC Grade Plywood, Add	0.10	
			For Exterior Glue, Add	0.06	
			For Marine Grade, Add	0.51	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0020	SF		3/4" CD Grade Plywood Floor Decking.....	2.30	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.21	
			For Fire Retardant Treatment, Add	0.66	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.13	
			For >12,800, Deduct	-0.17	
			For ACQ Preservative Treatment, Add	0.40	
			For Fir Plywood, Add	0.15	
			For BC Grade Plywood, Add	0.12	
			For Exterior Glue, Add	0.08	
			For Marine Grade, Add	0.65	
06 16 33 00-0021	SF		1-1/8" CD Grade Plywood Floor Decking.....	3.32	0.92
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.63	
			For Fire Retardant Treatment, Add	1.24	
			For >1,696 To 3,200, Deduct	-0.09	
			For >3,200 To 6,400, Deduct	-0.14	
			For >6,400 To 12,800, Deduct	-0.22	
			For >12,800, Deduct	-0.28	
			For ACQ Preservative Treatment, Add	0.75	
			For Fir Plywood, Add	0.29	
			For BC Grade Plywood, Add	0.23	
			For Exterior Glue, Add	0.15	
			For Marine Grade, Add	1.23	
06 16 33 00-0022	SF		1/2" AC Fir Plywood Floor Decking.....	2.13	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.92	
			For Fire Retardant Treatment, Add	0.67	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.13	
			For >12,800, Deduct	-0.17	
			For ACQ Preservative Treatment, Add	0.41	
			For Exterior Glue, Add	0.08	
			For Marine Grade, Add	0.67	
			For Tongue And Groove, Add	0.06	
06 16 33 00-0023	SF		5/8" AC Fir Plywood Floor Decking.....	2.40	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.09	
			For Fire Retardant Treatment, Add	0.80	
			For >1,696 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.09	
			For >6,400 To 12,800, Deduct	-0.15	
			For >12,800, Deduct	-0.19	
			For ACQ Preservative Treatment, Add	0.48	
			For Exterior Glue, Add	0.09	
			For Marine Grade, Add	0.79	
			For Tongue And Groove, Add	0.07	
06 16 33 00-0024	SF		3/4" AC Fir Plywood Floor Decking.....	2.56	0.61
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.21	
			For Fire Retardant Treatment, Add	0.86	
			For >1,696 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.10	
			For >6,400 To 12,800, Deduct	-0.16	
			For >12,800, Deduct	-0.20	
			For ACQ Preservative Treatment, Add	0.52	
			For Exterior Glue, Add	0.10	
			For Marine Grade, Add	0.85	
			For Tongue And Groove, Add	0.08	
06 16 33 00-0025			Underlayment Grade (06 16 33 00-0001)		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0026	SF		1/4" Thick Plywood Underlayment BC Grade.....	1.61	0.61
			For Fire Retardant Treatment, Add	0.35	
			For >1,696 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.11	
06 16 33 00-0027	SF		3/8" Thick Plywood Underlayment BC Grade.....	1.73	0.61
			For Fire Retardant Treatment, Add	0.38	
			For >1,696 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.12	
06 16 33 00-0028	SF		1/2" Thick Plywood Underlayment BC Grade.....	1.79	0.72
			For Fire Retardant Treatment, Add	0.41	
			For >1,696 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.05	
			For >6,400 To 12,800, Deduct	-0.08	
			For >12,800, Deduct	-0.13	
06 16 33 00-0029	SF		5/8" Thick Plywood Underlayment BC Grade.....	2.03	0.72
			For Fire Retardant Treatment, Add	0.49	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.14	
			For Tongue And Groove, Add	0.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0030	SF		3/4" Thick Plywood Underlayment BC Grade	2.16	0.72
			For Fire Retardant Treatment, Add	0.59	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.16	
			For Tongue And Groove, Add	0.05	
06 16 33 00-0031	SF		1-1/8" Thick Plywood Underlayment BC Grade	2.72	0.82
			For Fire Retardant Treatment, Add	0.90	
			For >1,696 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.10	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.22	
			For Tongue And Groove, Add	0.08	
06 16 33 00-0032	SF		3/8" Thick Plywood CDX Grade	1.84	0.61
			For Fire Retardant Treatment, Add	0.47	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.05	
			For >6,400 To 12,800, Deduct	-0.08	
			For >12,800, Deduct	-0.13	
06 16 33 00-0033	SF		5/8" Thick Plywood CDX Grade	2.28	0.72
			For Fire Retardant Treatment, Add	0.70	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.11	
			For >12,800, Deduct	-0.18	
06 16 33 00-0034			Oriented Strand Board <small>(06 16 33)</small>		
06 16 33 00-0035			On Roof <small>(06 16 33 00-0034)</small>		
06 16 33 00-0036	SF		3/8" Thick Structural Oriented Strand Board On Roof.....	1.49	0.61
			For >1,408 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.06	
			For >12,800, Deduct	-0.09	
			For Fire Retardant Treatment, Add	0.22	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.82	
06 16 33 00-0037	SF		1/2" Thick Structural Oriented Strand Board On Roof.....	1.65	0.61
			For >1,408 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.11	
			For Fire Retardant Treatment, Add	0.26	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.98	
06 16 33 00-0038	SF		5/8" Thick Structural Oriented Strand Board On Roof.....	1.89	0.72
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.13	
			For Fire Retardant Treatment, Add	0.38	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.12	
06 16 33 00-0039	SF		3/4" Thick Structural Oriented Strand Board On Roof.....	2.15	0.72
			For >1,408 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.11	
			For >12,800, Deduct	-0.15	
			For Fire Retardant Treatment, Add	0.50	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.28	
06 16 33 00-0040			On Walls <small>(06 16 33 00-0034)</small>		
06 16 33 00-0041	SF		3/8" Thick Structural Oriented Strand Board On Walls	1.80	0.72
			For >1,408 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.07	
			For >12,800, Deduct	-0.11	
			For Fire Retardant Treatment, Add	0.22	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.28	
06 16 33 00-0042	SF		1/2" Thick Structural Oriented Strand Board On Walls	1.96	0.82
			For >1,408 To 3,200, Deduct	-0.02	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.08	
			For >12,800, Deduct	-0.12	
			For Fire Retardant Treatment, Add	0.26	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.45	
06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board On Walls	2.23	0.92
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.15	
			For Fire Retardant Treatment, Add	0.38	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.63	
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board On Walls	2.51	0.92
			For >1,408 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.17	
			For Fire Retardant Treatment, Add	0.50	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.82	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
06 16 33 00-0045 On Floors <small>(06 16 33 00-0034)</small>			
Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0046	SF 3/8" Thick Structural Oriented Strand Board On Floors	1.51	0.61
	For >1,408 To 3,200, Deduct	-0.02	
	For >3,200 To 6,400, Deduct	-0.03	
	For >6,400 To 12,800, Deduct	-0.06	
	For >12,800, Deduct	-0.10	
	For Fire Retardant Treatment, Add	0.22	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.85	
06 16 33 00-0047	SF 1/2" Thick Structural Oriented Strand Board On Floors	1.80	0.72
	For >1,408 To 3,200, Deduct	-0.02	
	For >3,200 To 6,400, Deduct	-0.03	
	For >6,400 To 12,800, Deduct	-0.07	
	For >12,800, Deduct	-0.11	
	For Fire Retardant Treatment, Add	0.26	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.21	
06 16 33 00-0048	SF 5/8" Thick Structural Oriented Strand Board On Floors	2.08	0.82
	For >1,408 To 3,200, Deduct	-0.03	
	For >3,200 To 6,400, Deduct	-0.04	
	For >6,400 To 12,800, Deduct	-0.09	
	For >12,800, Deduct	-0.14	
	For Fire Retardant Treatment, Add	0.38	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.40	
06 16 33 00-0049	SF 3/4" Thick Structural Oriented Strand Board On Floors	2.38	0.92
	For >1,408 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.11	
	For >12,800, Deduct	-0.16	
	For Fire Retardant Treatment, Add	0.50	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.63	
06 16 33 00-0050 Particle Board <small>(06 16 33)</small>			
06 16 33 00-0051 Particle Board Floor Decking <small>(06 16 33 00-0050)</small>			
Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0052	SF 3/8" Particle Board Floor Decking	1.57	0.51
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.28	
	For >1,536 To 3,200, Deduct	-0.02	
	For >3,200 To 6,400, Deduct	-0.03	
	For >6,400 To 12,800, Deduct	-0.07	
	For >12,800, Deduct	-0.10	
	For Tongue And Groove, Add	0.03	
06 16 33 00-0053	SF 1/2" Particle Board Floor Decking	1.77	0.51
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.39	
	For >1,536 To 3,200, Deduct	-0.03	
	For >3,200 To 6,400, Deduct	-0.04	
	For >6,400 To 12,800, Deduct	-0.09	
	For >12,800, Deduct	-0.12	
	For Tongue And Groove, Add	0.03	
06 16 33 00-0054	SF 5/8" Particle Board Floor Decking	1.96	0.61
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.49	
	For >1,536 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.10	
	For >12,800, Deduct	-0.14	
	For Tongue And Groove, Add	0.04	
06 16 33 00-0055	SF 3/4" Particle Board Floor Decking	2.15	0.61
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.57	
	For >1,536 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.11	
	For >12,800, Deduct	-0.16	
	For Tongue And Groove, Add	0.05	
06 16 43 Gypsum Sheathing <small>(06 16)</small>			
06 16 43 00-0001 Exterior Gypsum Sheathing <small>(06 16 43)</small>			
Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.			
06 16 43 00-0002	SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.49	0.82
	For Application To Metal Studs, Joists, Or Rafters, Add	0.33	
	For Ceiling Installation, Add	0.16	
	For >1,696 To 3,200, Deduct	-0.05	
	For >3,200 To 6,400, Deduct	-0.08	
	For >6,400 To 12,800, Deduct	-0.14	
	For >12,800, Deduct	-0.18	
	For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	2.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 16 43 00-0003	SF		5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	2.69	1.02
			<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.35	
			<i>For Ceiling Installation, Add</i>	0.18	
			<i>For >1,696 To 3,200, Deduct</i>	-0.06	
			<i>For >3,200 To 6,400, Deduct</i>	-0.08	
			<i>For >6,400 To 12,800, Deduct</i>	-0.15	
			<i>For >12,800, Deduct</i>	-0.20	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	2.63	

06 17 Shop-Fabricated Structural Wood (06 10)

06 17 13 Laminated Veneer Lumber (06 17)

06 17 13 00-0001 Laminated Veneer Lumber (LVL) (06 17 13)

06 17 13 00-0002	LF		1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL).....	6.68	1.76
06 17 13 00-0003	LF		1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL).....	7.31	1.79
06 17 13 00-0004	LF		1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL).....	8.02	1.82
06 17 13 00-0005	LF		1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL).....	8.93	1.85
06 17 13 00-0006	LF		1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL).....	9.60	1.88
06 17 13 00-0007	LF		1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL).....	10.55	1.94
06 17 13 00-0008	LF		1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL).....	11.91	1.97
06 17 13 00-0009	LF		1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL).....	16.21	2.25

06 17 23 Parallel Strand Lumber (06 17)

06 17 23 00-0001 Laminated Strand Lumber (LSL) (06 17 23)

06 17 23 00-0002	LF		2" x 4" Laminated Strand Lumber (LSL).....	2.30	0.82
06 17 23 00-0003	LF		2" x 6" Laminated Strand Lumber (LSL).....	3.08	0.87

06 17 33 Wood I-Joists (06 17)

06 17 33 00-0001 Prefabricated Wood I-Joists (06 17 33)

06 17 33 00-0002	LF		9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	3.96	1.06
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.46	
			<i>For I-Joists >40' In Length, Add</i>	1.13	
06 17 33 00-0003	LF		11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	4.26	1.18
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.51	
			<i>For I-Joists >40' In Length, Add</i>	1.26	
06 17 33 00-0004	LF		14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	5.00	1.32
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.58	
			<i>For I-Joists >40' In Length, Add</i>	1.43	
06 17 33 00-0005	LF		16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	5.63	1.46
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.64	
			<i>For I-Joists >40' In Length, Add</i>	1.58	

06 17 43 Rim Boards (06 17)

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board (06 17 43)

06 17 43 00-0002	LF		1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board.....	5.52	1.82
06 17 43 00-0003	LF		1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board.....	6.00	1.85
06 17 43 00-0004	LF		1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board.....	6.57	1.88

06 17 53 Shop-Fabricated Wood Trusses (06 17)

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses (06 17 53)

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA		10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	157.28	61.51
			<i>For Up To 15, Add</i>	2.57	
			<i>For >35, Deduct</i>	-1.71	
			<i>For 3 In 12 Slope, Add</i>	1.03	
			<i>For 5 In 12 Slope, Add</i>	2.74	
			<i>For 6 In 12 Slope, Add</i>	5.14	
			<i>For 7 In 12 Slope, Add</i>	6.85	
			<i>For 8 In 12 Slope, Add</i>	8.22	
06 17 53 00-0003	EA		12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	174.74	67.37
			<i>For Up To 15, Add</i>	3.00	
			<i>For >35, Deduct</i>	-2.00	
			<i>For 3 In 12 Slope, Add</i>	1.20	
			<i>For 5 In 12 Slope, Add</i>	3.20	
			<i>For 6 In 12 Slope, Add</i>	6.00	
			<i>For 7 In 12 Slope, Add</i>	8.00	
			<i>For 8 In 12 Slope, Add</i>	9.60	
06 17 53 00-0004	EA		14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	194.58	73.22
			<i>For Up To 15, Add</i>	3.61	
			<i>For >35, Deduct</i>	-2.41	
			<i>For 3 In 12 Slope, Add</i>	1.44	
			<i>For 5 In 12 Slope, Add</i>	3.85	
			<i>For 6 In 12 Slope, Add</i>	7.22	
			<i>For 7 In 12 Slope, Add</i>	9.63	
			<i>For 8 In 12 Slope, Add</i>	11.55	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 17 53 00-0005	EA	16'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	220.73	79.08
			For Up To 15, Add	4.69	
			For >35, Deduct	-3.13	
			For 3 In 12 Slope, Add	1.88	
			For 5 In 12 Slope, Add	5.00	
			For 6 In 12 Slope, Add	9.38	
			For 7 In 12 Slope, Add	12.51	
			For 8 In 12 Slope, Add	15.01	
06 17 53 00-0006	EA	18'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	243.25	84.94
			For Up To 15, Add	5.50	
			For >35, Deduct	-3.67	
			For 3 In 12 Slope, Add	2.20	
			For 5 In 12 Slope, Add	5.87	
			For 6 In 12 Slope, Add	11.01	
			For 7 In 12 Slope, Add	14.67	
			For 8 In 12 Slope, Add	17.61	
06 17 53 00-0007	EA	20'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	255.96	93.73
			For Up To 15, Add	5.14	
			For >35, Deduct	-3.43	
			For 3 In 12 Slope, Add	2.06	
			For 5 In 12 Slope, Add	5.48	
			For 6 In 12 Slope, Add	10.28	
			For 7 In 12 Slope, Add	13.70	
			For 8 In 12 Slope, Add	16.44	
06 17 53 00-0008	EA	22'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	269.68	149.38
			For Up To 15, Add	5.29	
			For >35, Deduct	-3.53	
			For 3 In 12 Slope, Add	2.12	
			For 5 In 12 Slope, Add	5.64	
			For 6 In 12 Slope, Add	10.58	
			For 7 In 12 Slope, Add	14.10	
			For 8 In 12 Slope, Add	16.92	
06 17 53 00-0009	EA	24'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	287.37	105.44
			For Up To 15, Add	5.74	
			For >35, Deduct	-3.82	
			For 3 In 12 Slope, Add	2.29	
			For 5 In 12 Slope, Add	6.12	
			For 6 In 12 Slope, Add	11.47	
			For 7 In 12 Slope, Add	15.30	
			For 8 In 12 Slope, Add	18.36	
06 17 53 00-0010	EA	26'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	305.71	166.95
			For Up To 15, Add	6.23	
			For >35, Deduct	-4.16	
			For 3 In 12 Slope, Add	2.49	
			For 5 In 12 Slope, Add	6.65	
			For 6 In 12 Slope, Add	12.47	
			For 7 In 12 Slope, Add	16.62	
			For 8 In 12 Slope, Add	19.95	
06 17 53 00-0011	EA	28'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	324.91	117.16
			For Up To 15, Add	6.80	
			For >35, Deduct	-4.53	
			For 3 In 12 Slope, Add	2.72	
			For 5 In 12 Slope, Add	7.25	
			For 6 In 12 Slope, Add	13.59	
			For 7 In 12 Slope, Add	18.12	
			For 8 In 12 Slope, Add	21.74	
06 17 53 00-0012	EA	30'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	339.51	184.53
			For Up To 15, Add	7.01	
			For >35, Deduct	-4.67	
			For 3 In 12 Slope, Add	2.80	
			For 5 In 12 Slope, Add	7.48	
			For 6 In 12 Slope, Add	14.02	
			For 7 In 12 Slope, Add	18.69	
			For 8 In 12 Slope, Add	22.43	
06 17 53 00-0013	EA	32'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	354.70	125.94
			For Up To 15, Add	7.71	
			For >35, Deduct	-5.14	
			For 3 In 12 Slope, Add	3.08	
			For 5 In 12 Slope, Add	8.22	
			For 6 In 12 Slope, Add	15.42	
			For 7 In 12 Slope, Add	20.56	
			For 8 In 12 Slope, Add	24.67	
06 17 53 00-0014	EA	34'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	386.89	197.77
			For Up To 15, Add	9.25	
			For >35, Deduct	-6.16	
			For 3 In 12 Slope, Add	3.70	
			For 5 In 12 Slope, Add	9.86	
			For 6 In 12 Slope, Add	18.49	
			For 7 In 12 Slope, Add	24.66	
			For 8 In 12 Slope, Add	29.59	
06 17 53 00-0015	EA	36'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	402.44	134.73
			For Up To 15, Add	9.97	
			For >35, Deduct	-6.65	
			For 3 In 12 Slope, Add	3.99	
			For 5 In 12 Slope, Add	10.64	
			For 6 In 12 Slope, Add	19.95	
			For 7 In 12 Slope, Add	26.60	
			For 8 In 12 Slope, Add	31.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	423.24	210.89
			For Up To 15, Add	10.65	
			For >35, Deduct	-7.10	
			For 3 In 12 Slope, Add	4.26	
			For 5 In 12 Slope, Add	11.36	
			For 6 In 12 Slope, Add	21.31	
			For 7 In 12 Slope, Add	28.41	
			For 8 In 12 Slope, Add	34.09	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	438.01	146.44
			For Up To 15, Add	10.88	
			For >35, Deduct	-7.26	
			For 3 In 12 Slope, Add	4.35	
			For 5 In 12 Slope, Add	11.61	
			For 6 In 12 Slope, Add	21.77	
			For 7 In 12 Slope, Add	29.02	
			For 8 In 12 Slope, Add	34.83	
06 17 53 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	480.40	228.46
			For Up To 15, Add	13.18	
			For >35, Deduct	-8.79	
			For 3 In 12 Slope, Add	5.27	
			For 5 In 12 Slope, Add	14.06	
			For 6 In 12 Slope, Add	26.37	
			For 7 In 12 Slope, Add	35.16	
			For 8 In 12 Slope, Add	42.19	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	521.97	158.17
			For Up To 15, Add	15.42	
			For >35, Deduct	-10.28	
			For 3 In 12 Slope, Add	6.17	
			For 5 In 12 Slope, Add	16.45	
			For 6 In 12 Slope, Add	30.85	
			For 7 In 12 Slope, Add	41.13	
			For 8 In 12 Slope, Add	49.35	
06 17 53 00-0020	EA		46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	540.30	164.02
			For Up To 15, Add	15.92	
			For >35, Deduct	-10.61	
			For 3 In 12 Slope, Add	6.37	
			For 5 In 12 Slope, Add	16.98	
			For 6 In 12 Slope, Add	31.84	
			For 7 In 12 Slope, Add	42.45	
			For 8 In 12 Slope, Add	50.94	
06 17 53 00-0021	EA		48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	566.66	169.88
			For Up To 15, Add	17.02	
			For >35, Deduct	-11.35	
			For 3 In 12 Slope, Add	6.81	
			For 5 In 12 Slope, Add	18.15	
			For 6 In 12 Slope, Add	34.04	
			For 7 In 12 Slope, Add	45.38	
			For 8 In 12 Slope, Add	54.46	
06 17 53 00-0022	EA		50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	641.92	175.74
			For Up To 15, Add	21.78	
			For >35, Deduct	-14.52	
			For 3 In 12 Slope, Add	8.71	
			For 5 In 12 Slope, Add	23.24	
			For 6 In 12 Slope, Add	43.57	
			For 7 In 12 Slope, Add	58.09	
			For 8 In 12 Slope, Add	69.71	
06 17 53 00-0023	EA		52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	611.25	158.05
			For Up To 15, Add	19.48	
			For >35, Deduct	-12.99	
			For 3 In 12 Slope, Add	7.79	
			For 5 In 12 Slope, Add	20.78	
			For 6 In 12 Slope, Add	38.97	
			For 7 In 12 Slope, Add	51.95	
			For 8 In 12 Slope, Add	62.34	
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	641.36	184.53
			For Up To 15, Add	20.42	
			For >35, Deduct	-13.62	
			For 3 In 12 Slope, Add	8.17	
			For 5 In 12 Slope, Add	21.78	
			For 6 In 12 Slope, Add	40.85	
			For 7 In 12 Slope, Add	54.46	
			For 8 In 12 Slope, Add	65.35	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	666.47	171.05
			For Up To 15, Add	21.43	
			For >35, Deduct	-14.29	
			For 3 In 12 Slope, Add	8.57	
			For 5 In 12 Slope, Add	22.86	
			For 6 In 12 Slope, Add	42.86	
			For 7 In 12 Slope, Add	57.14	
			For 8 In 12 Slope, Add	68.57	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	688.19	193.31
			For Up To 15, Add	22.62	
			For >35, Deduct	-15.08	
			For 3 In 12 Slope, Add	9.05	
			For 5 In 12 Slope, Add	24.12	
			For 6 In 12 Slope, Add	45.23	
			For 7 In 12 Slope, Add	60.31	
			For 8 In 12 Slope, Add	72.37	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 17 53 00-0027	EA	60'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	702.21	196.24
			<i>For Up To 15, Add</i>	23.23	
			<i>For >35, Deduct</i>	-15.49	
			<i>For 3 In 12 Slope, Add</i>	9.29	
			<i>For 5 In 12 Slope, Add</i>	24.78	
			<i>For 6 In 12 Slope, Add</i>	46.46	
			<i>For 7 In 12 Slope, Add</i>	61.95	
			<i>For 8 In 12 Slope, Add</i>	74.34	
06 17 53 00-0028			Pre-Assembled Wood Gable End Roof Trusses <small>(06 17 53)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA	10'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	161.63	61.51
			<i>For 3 In 12 Slope, Add</i>	1.16	
			<i>For 5 In 12 Slope, Add</i>	3.09	
			<i>For 6 In 12 Slope, Add</i>	5.79	
			<i>For 7 In 12 Slope, Add</i>	7.72	
			<i>For 8 In 12 Slope, Add</i>	9.27	
			<i>For 16" On Center Gable Studs, Add</i>	7.72	
06 17 53 00-0030	EA	12'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	179.83	67.37
			<i>For 3 In 12 Slope, Add</i>	1.35	
			<i>For 5 In 12 Slope, Add</i>	3.61	
			<i>For 6 In 12 Slope, Add</i>	6.77	
			<i>For 7 In 12 Slope, Add</i>	9.02	
			<i>For 8 In 12 Slope, Add</i>	10.82	
			<i>For 16" On Center Gable Studs, Add</i>	9.02	
06 17 53 00-0031	EA	14'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	200.71	73.22
			<i>For 3 In 12 Slope, Add</i>	1.63	
			<i>For 5 In 12 Slope, Add</i>	4.34	
			<i>For 6 In 12 Slope, Add</i>	8.14	
			<i>For 7 In 12 Slope, Add</i>	10.85	
			<i>For 8 In 12 Slope, Add</i>	13.02	
			<i>For 16" On Center Gable Studs, Add</i>	10.85	
06 17 53 00-0032	EA	16'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	228.69	79.08
			<i>For 3 In 12 Slope, Add</i>	2.12	
			<i>For 5 In 12 Slope, Add</i>	5.64	
			<i>For 6 In 12 Slope, Add</i>	10.58	
			<i>For 7 In 12 Slope, Add</i>	14.10	
			<i>For 8 In 12 Slope, Add</i>	16.92	
			<i>For 16" On Center Gable Studs, Add</i>	14.10	
06 17 53 00-0033	EA	18'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	252.58	84.94
			<i>For 3 In 12 Slope, Add</i>	2.48	
			<i>For 5 In 12 Slope, Add</i>	6.62	
			<i>For 6 In 12 Slope, Add</i>	12.41	
			<i>For 7 In 12 Slope, Add</i>	16.54	
			<i>For 8 In 12 Slope, Add</i>	19.85	
			<i>For 16" On Center Gable Studs, Add</i>	16.54	
06 17 53 00-0034	EA	20'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	274.47	93.73
			<i>For 3 In 12 Slope, Add</i>	2.61	
			<i>For 5 In 12 Slope, Add</i>	6.96	
			<i>For 6 In 12 Slope, Add</i>	13.05	
			<i>For 7 In 12 Slope, Add</i>	17.40	
			<i>For 8 In 12 Slope, Add</i>	20.88	
			<i>For 16" On Center Gable Studs, Add</i>	17.40	
06 17 53 00-0035	EA	22'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	288.72	99.58
			<i>For 3 In 12 Slope, Add</i>	2.69	
			<i>For 5 In 12 Slope, Add</i>	7.16	
			<i>For 6 In 12 Slope, Add</i>	13.43	
			<i>For 7 In 12 Slope, Add</i>	17.91	
			<i>For 8 In 12 Slope, Add</i>	21.49	
			<i>For 16" On Center Gable Studs, Add</i>	17.91	
06 17 53 00-0036	EA	24'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	308.03	105.44
			<i>For 3 In 12 Slope, Add</i>	2.91	
			<i>For 5 In 12 Slope, Add</i>	7.77	
			<i>For 6 In 12 Slope, Add</i>	14.57	
			<i>For 7 In 12 Slope, Add</i>	19.43	
			<i>For 8 In 12 Slope, Add</i>	23.31	
			<i>For 16" On Center Gable Studs, Add</i>	19.43	
06 17 53 00-0037	EA	26'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	328.15	111.31
			<i>For 3 In 12 Slope, Add</i>	3.17	
			<i>For 5 In 12 Slope, Add</i>	8.44	
			<i>For 6 In 12 Slope, Add</i>	15.83	
			<i>For 7 In 12 Slope, Add</i>	21.11	
			<i>For 8 In 12 Slope, Add</i>	25.33	
			<i>For 16" On Center Gable Studs, Add</i>	21.11	
06 17 53 00-0038	EA	28'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	349.38	117.16
			<i>For 3 In 12 Slope, Add</i>	3.45	
			<i>For 5 In 12 Slope, Add</i>	9.21	
			<i>For 6 In 12 Slope, Add</i>	17.26	
			<i>For 7 In 12 Slope, Add</i>	23.01	
			<i>For 8 In 12 Slope, Add</i>	27.62	
			<i>For 16" On Center Gable Studs, Add</i>	23.01	
06 17 53 00-0039	EA	30'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	365.77	123.02
			<i>For 3 In 12 Slope, Add</i>	3.59	
			<i>For 5 In 12 Slope, Add</i>	9.58	
			<i>For 6 In 12 Slope, Add</i>	17.96	
			<i>For 7 In 12 Slope, Add</i>	23.95	
			<i>For 8 In 12 Slope, Add</i>	28.74	
			<i>For 16" On Center Gable Studs, Add</i>	23.95	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	383.60	125.94
		For 3 In 12 Slope, Add	3.95	
		For 5 In 12 Slope, Add	10.54	
		For 6 In 12 Slope, Add	19.76	
		For 7 In 12 Slope, Add	26.34	
		For 8 In 12 Slope, Add	31.61	
		For 16" On Center Gable Studs, Add	26.34	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	421.52	131.81
		For 3 In 12 Slope, Add	4.74	
		For 5 In 12 Slope, Add	12.63	
		For 6 In 12 Slope, Add	23.69	
		For 7 In 12 Slope, Add	31.58	
		For 8 In 12 Slope, Add	37.90	
		For 16" On Center Gable Studs, Add	31.58	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	439.81	134.73
		For 3 In 12 Slope, Add	5.11	
		For 5 In 12 Slope, Add	13.63	
		For 6 In 12 Slope, Add	25.55	
		For 7 In 12 Slope, Add	34.07	
		For 8 In 12 Slope, Add	40.88	
		For 16" On Center Gable Studs, Add	34.07	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	463.16	140.59
		For 3 In 12 Slope, Add	5.46	
		For 5 In 12 Slope, Add	14.56	
		For 6 In 12 Slope, Add	27.30	
		For 7 In 12 Slope, Add	36.40	
		For 8 In 12 Slope, Add	43.68	
		For 16" On Center Gable Studs, Add	36.40	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	490.49	146.44
		For 3 In 12 Slope, Add	5.93	
		For 5 In 12 Slope, Add	15.81	
		For 6 In 12 Slope, Add	29.64	
		For 7 In 12 Slope, Add	39.52	
		For 8 In 12 Slope, Add	47.42	
		For 16" On Center Gable Studs, Add	39.52	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	543.98	152.30
		For 3 In 12 Slope, Add	7.18	
		For 5 In 12 Slope, Add	19.15	
		For 6 In 12 Slope, Add	35.91	
		For 7 In 12 Slope, Add	47.87	
		For 8 In 12 Slope, Add	57.45	
		For 16" On Center Gable Studs, Add	47.87	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	596.35	158.17
		For 3 In 12 Slope, Add	8.40	
		For 5 In 12 Slope, Add	22.40	
		For 6 In 12 Slope, Add	42.00	
		For 7 In 12 Slope, Add	56.00	
		For 8 In 12 Slope, Add	67.20	
		For 16" On Center Gable Studs, Add	56.00	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	617.08	164.02
		For 3 In 12 Slope, Add	8.67	
		For 5 In 12 Slope, Add	23.12	
		For 6 In 12 Slope, Add	43.36	
		For 7 In 12 Slope, Add	57.81	
		For 8 In 12 Slope, Add	69.37	
		For 16" On Center Gable Studs, Add	57.81	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	648.72	169.88
		For 3 In 12 Slope, Add	9.27	
		For 5 In 12 Slope, Add	24.72	
		For 6 In 12 Slope, Add	46.34	
		For 7 In 12 Slope, Add	61.79	
		For 8 In 12 Slope, Add	74.15	
		For 16" On Center Gable Studs, Add	61.79	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	706.01	175.74
		For 3 In 12 Slope, Add	10.64	
		For 5 In 12 Slope, Add	28.36	
		For 6 In 12 Slope, Add	53.18	
		For 7 In 12 Slope, Add	70.91	
		For 8 In 12 Slope, Add	85.09	
		For 16" On Center Gable Studs, Add	70.91	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	722.44	181.59
		For 3 In 12 Slope, Add	10.78	
		For 5 In 12 Slope, Add	28.74	
		For 6 In 12 Slope, Add	53.89	
		For 7 In 12 Slope, Add	71.85	
		For 8 In 12 Slope, Add	86.22	
		For 16" On Center Gable Studs, Add	71.85	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	745.67	184.53
		For 3 In 12 Slope, Add	11.30	
		For 5 In 12 Slope, Add	30.13	
		For 6 In 12 Slope, Add	56.49	
		For 7 In 12 Slope, Add	75.32	
		For 8 In 12 Slope, Add	90.39	
		For 16" On Center Gable Studs, Add	75.32	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	775.88	190.38
		For 3 In 12 Slope, Add	11.85	
		For 5 In 12 Slope, Add	31.61	
		For 6 In 12 Slope, Add	59.27	
		For 7 In 12 Slope, Add	79.02	
		For 8 In 12 Slope, Add	94.83	
		For 16" On Center Gable Studs, Add	79.02	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	803.67	193.31
		<i>For 3 In 12 Slope, Add</i>	12.51	
		<i>For 5 In 12 Slope, Add</i>	33.36	
		<i>For 6 In 12 Slope, Add</i>	62.56	
		<i>For 7 In 12 Slope, Add</i>	83.41	
		<i>For 8 In 12 Slope, Add</i>	100.09	
		<i>For 16" On Center Gable Studs, Add</i>	83.41	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	820.83	196.24
		<i>For 3 In 12 Slope, Add</i>	12.85	
		<i>For 5 In 12 Slope, Add</i>	34.27	
		<i>For 6 In 12 Slope, Add</i>	64.25	
		<i>For 7 In 12 Slope, Add</i>	85.67	
		<i>For 8 In 12 Slope, Add</i>	102.80	
		<i>For 16" On Center Gable Studs, Add</i>	85.67	

06 18 Glued-Laminated Construction (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	8.36	2.65
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	10.45	3.32
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	12.54	3.97
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	13.24	4.20
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	14.62	4.64
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	16.72	5.30
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	18.82	5.96
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	19.51	6.19
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	20.91	6.62
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	22.28	7.07
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	22.99	7.30
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	25.07	7.96
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	27.17	8.62
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	29.25	9.28
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	31.36	9.95
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	13.14	4.16
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	16.42	5.21
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	19.71	6.25
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	20.80	6.60
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	22.99	7.30
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	26.27	8.34
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	29.56	9.38
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	30.65	9.73
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	32.85	10.42
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	35.02	11.11
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	36.13	11.46
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	39.41	12.50
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	42.69	13.54
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	45.98	14.58
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	49.27	15.63
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	52.55	16.66
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	24.20	7.67
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	25.52	8.10
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	28.21	8.95
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	32.25	10.23
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	36.29	11.51
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	37.61	11.93
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	40.31	12.79
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	42.99	13.63
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	44.34	14.06
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	48.35	15.34
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	52.39	16.63
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	56.43	17.90
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	60.44	19.18
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	64.48	20.46
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	31.36	9.95
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	33.08	10.49
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	36.57	11.60
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	41.79	13.26
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	47.03	14.91
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	48.75	15.47
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	52.24	16.57
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	55.72	17.68
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	57.48	18.23
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	62.69	19.88
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	67.92	21.54
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	73.14	23.20
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	78.37	24.86
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	83.59	26.52

06 18 13 00-0061 Glue Laminated Decking (06 18 13)

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	4.36	1.74
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	4.49	1.74

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	4.63	1.65
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06 18 16 Glued-Laminated Columns (06 18)

06 18 16 00-0001		Glue Laminated Structural Units (06 18 16) Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	12.73	3.58
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	14.34	3.96
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	27.05	8.47
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column.....	29.68	8.88

06 20 Finish Carpentry (06)
06 22 Millwork (06 20)
06 22 13 Standard Pattern Wood Trim (06 22)

06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) (06 22 13)		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	2.73	1.01
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	2.86	0.81
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	3.56	0.81
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	3.98	0.81
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) (06 22 13)

06 22 13 00-0007		White Pine (06 22 13 00-0006)		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	12.47	3.55
		<i>For Birch, Add</i>	2.67	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.84	
		<i>For Poplar, Add</i>	1.48	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.96	
06 22 13 00-0009	LF	1 1/16" x 4-5/8" White Pine Crown Or Bed Molding.....	16.65	4.25
		<i>For Birch, Add</i>	3.81	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	5.36	
		<i>For Poplar, Add</i>	2.11	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.40	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	1.37	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding.....	6.26	2.43
		<i>For Birch, Add</i>	0.80	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.40	
		<i>For Poplar, Add</i>	0.44	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.29	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding.....	7.06	2.43
		<i>For Birch, Add</i>	1.08	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.76	
		<i>For Poplar, Add</i>	0.60	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.39	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding.....	9.23	3.04
		<i>For Birch, Add</i>	1.50	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.38	
		<i>For Poplar, Add</i>	0.83	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.54	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding.....	10.55	3.04
		<i>For Birch, Add</i>	1.98	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.98	
		<i>For Poplar, Add</i>	1.10	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.71	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding.....	13.10	3.65
		<i>For Birch, Add</i>	2.53	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.77	
		<i>For Poplar, Add</i>	1.40	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.40	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.91	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	6.46	2.83
		<i>For Birch, Add</i>	0.87	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.49	
		<i>For Poplar, Add</i>	0.48	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.31	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	5.41	2.13
		<i>For Birch, Add</i>	0.85	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.37	
		<i>For Poplar, Add</i>	0.47	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.31	

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0017	LF		11/16" x 2-3/4" White Pine Cove Molding	7.95	2.13
			For Birch, Add	1.77	
			For Mahogany, Oak, Maple Or Walnut, Add	2.51	
			For Poplar, Add	0.98	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
			For Stain Grade Material (No Finger Joints), Add	0.64	
06 22 13 00-0018	LF		3/8" x 3/8" White Pine Cove Molding	3.23	1.22
			For Birch, Add	0.40	
			For Mahogany, Oak, Maple Or Walnut, Add	0.72	
			For Poplar, Add	0.22	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.49	
			For Stain Grade Material (No Finger Joints), Add	0.15	
06 22 13 00-0019	LF		1/2" x 1/2" White Pine Cove Molding	3.51	1.22
			For Birch, Add	0.50	
			For Mahogany, Oak, Maple Or Walnut, Add	0.84	
			For Poplar, Add	0.28	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.49	
			For Stain Grade Material (No Finger Joints), Add	0.18	
06 22 13 00-0020	LF		5/8" x 5/8" White Pine Cove Molding	4.66	1.52
			For Birch, Add	0.77	
			For Mahogany, Oak, Maple Or Walnut, Add	1.21	
			For Poplar, Add	0.43	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
			For Stain Grade Material (No Finger Joints), Add	0.28	
06 22 13 00-0021	LF		3/4" x 3/4" White Pine Cove Molding	4.66	1.52
			For Birch, Add	0.77	
			For Mahogany, Oak, Maple Or Walnut, Add	1.21	
			For Poplar, Add	0.43	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
			For Stain Grade Material (No Finger Joints), Add	0.28	
06 22 13 00-0022	LF		15/16" x 15/16" White Pine Cove Molding	5.94	1.52
			For Birch, Add	1.23	
			For Mahogany, Oak, Maple Or Walnut, Add	1.79	
			For Poplar, Add	0.68	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
			For Stain Grade Material (No Finger Joints), Add	0.44	
06 22 13 00-0023	LF		7-1/2" Wide Mullion Covers.....	37.08	1.82
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.83	
06 22 13 00-0024	LF		Three Piece Mullion Trim, 2 Cove Moldings	46.82	1.82
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.83	
06 22 13 00-0025			Cedar Trim (06 22 13 00-0006)		
06 22 13 00-0026	LF		2" x 4" Cedar Ceiling Trim.....	10.97	5.10
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.69	
06 22 13 00-0027			Oak Trim (06 22 13 00-0006)		
06 22 13 00-0028	LF		1" x 8" Clear Oak Ceiling Trim	11.29	4.70
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.56	
06 22 13 00-0029			Closet Poles (06 22 13)		
06 22 13 00-0030	LF		1-1/8" Diameter Pine Closet Poles.....	7.95	2.63
06 22 13 00-0031	LF		1-5/8" Diameter Pine Closet Poles.....	11.41	2.63
06 22 13 00-0032	LF		2" Diameter Pine Closet Poles.....	15.32	2.93
06 25			Prefinished Paneling (06 25)		
06 25 16			Prefinished Plywood Paneling (06 25)		
06 25 16 00-0001			Hardboard Panels (06 25 16) Note: Excludes furring and trim.		
06 25 16 00-0002			Tempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0003	SF		1/4" Tempered Hardboard Panels	4.96	1.83
			For Waterproof Glue, Add	0.06	
			For Ceiling Installation, Add	1.25	
			For Glue Laminated Installation, Add	0.25	
			For 1/8" Thick Paneling, Deduct	-0.42	
			For 1/2" Thick Paneling, Add	0.93	
			For 5/8" Thick Paneling, Add	1.09	
			For 3/4" Thick Paneling, Add	1.31	
			For Fire Retardant Treatment (Class I), Add	0.62	
06 25 16 00-0004	SF		1/4" Plastic Faced Tempered Hardboard Panels	5.62	2.25
			For Waterproof Glue, Add	0.05	
			For Ceiling Installation, Add	1.47	
			For Glue Laminated Installation, Add	0.28	
			For 1/8" Thick Paneling, Deduct	-0.46	
			For 1/2" Thick Paneling, Add	0.98	
			For 5/8" Thick Paneling, Add	1.13	
			For 3/4" Thick Paneling, Add	1.32	
			For Fire Retardant Treatment (Class I), Add	0.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0005	SF		1/4" Pegboard Tempered Hardboard Panels.....	5.49	1.83
			For Waterproof Glue, Add	0.09	
			For Ceiling Installation, Add	1.25	
			For Glue Laminated Installation, Add	0.27	
			For 1/8" Thick Paneling, Deduct	-0.51	
			For 1/2" Thick Paneling, Add	1.21	
			For 5/8" Thick Paneling, Add	1.49	
			For 3/4" Thick Paneling, Add	1.85	
			For Fire Retardant Treatment (Class I), Add	1.04	
06 25 16 00-0006	SF		1/4" Plastic Faced Pegboard Tempered Hardboard	5.78	2.25
			For Waterproof Glue, Add	0.06	
			For Ceiling Installation, Add	1.47	
			For Glue Laminated Installation, Add	0.29	
			For 1/8" Thick Paneling, Deduct	-0.49	
			For 1/2" Thick Paneling, Add	1.06	
			For 5/8" Thick Paneling, Add	1.25	
			For 3/4" Thick Paneling, Add	1.49	
			For Fire Retardant Treatment (Class I), Add	0.70	
06 25 16 00-0007			Untempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0008	SF		1/4" Untempered Hardboard Panels.....	4.79	1.83
			For Waterproof Glue, Add	0.04	
			For Glue Laminated Installation, Add	0.24	
			For Lumber Core, Add	0.07	
			For Fire Retardant Treatment (Class I), Add	0.49	
06 40 Architectural Woodwork (06)					
06 41 Architectural Wood Casework (06 41)					
06 41 13 Wood-Veneer-Faced Architectural Cabinets (06 41)					
Note: NNNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.					
06 41 13 00-0001 Wall And Base Cabinets (06 41 13)					
Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.					
06 41 13 00-0002 Solid Maple Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0001)					
06 41 13 00-0003 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0002)					
06 41 13 00-0004	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	260.34	20.27
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0005	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	276.41	25.33
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0006	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	288.71	30.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0007	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	303.22	35.47
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0008	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	342.52	40.54
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0009	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	357.40	45.61
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0010	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	385.43	50.68
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0011	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	405.34	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0012	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	417.90	60.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	71.22	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0013	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	475.12	81.08
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	142.45	
			For All Plywood Box Construction, Add	74.24	
06 41 13 00-0014	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	520.63	50.68
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	142.45	
			For All Plywood Box Construction, Add	74.24	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0015	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	576.64 142.45 74.24	60.81
06 41	13 00-0016	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	545.38 213.67 74.24	50.68
06 41	13 00-0017	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	607.43 213.67 74.24	60.81
06 41	13 00-0018	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	263.96 213.67 74.24	20.27
06 41	13 00-0019	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	270.37 213.67 74.24	25.33
06 41	13 00-0020	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	294.14 213.67 74.24	30.40
06 41	13 00-0021	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	312.28 213.67 74.24	35.47
06 41	13 00-0022	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	325.01 213.67 74.24	40.54
06 41	13 00-0023	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	340.50 213.67 74.24	45.61
06 41	13 00-0024	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	544.17 213.67 74.24	50.68
06 41	13 00-0025	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	573.15 213.67 74.24	55.74
06 41	13 00-0026	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	601.99 213.67 74.24	60.81
06 41	13 00-0027	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	319.50 284.90 74.24	20.27
06 41	13 00-0028	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	326.50 284.90 74.24	25.33
06 41	13 00-0029	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	353.29 284.90 74.24	30.40
06 41	13 00-0030	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	375.05 284.90 74.24	35.47
06 41	13 00-0031	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	393.83 284.90 74.24	40.54
06 41	13 00-0032	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	412.93 284.90 74.24	45.61
06 41	13 00-0033	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	569.52 284.90 74.24	50.68
06 41	13 00-0034	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	601.51 284.90 74.24	55.74
06 41	13 00-0035	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	634.59 284.90 74.24	60.81
06 41	13 00-0036		Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0002)		
06 41	13 00-0037	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	235.60 39.84	50.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0038	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	250.29 39.84	55.74
06 41 13 00-0039	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	275.46 39.84	60.81
06 41 13 00-0040	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	292.36 39.84	65.88
06 41 13 00-0041			Wall Cabinets, 14" High, 12" Deep <small>(06 41 13 00-0002)</small>		
06 41 13 00-0042	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	200.48 39.84	20.27
06 41 13 00-0043	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	205.53 39.84	25.33
06 41 13 00-0044	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	215.40 39.84	30.40
06 41 13 00-0045	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	221.05 39.84	35.47
06 41 13 00-0046	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	227.30 39.84	40.54
06 41 13 00-0047	EA		30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	237.78 39.84	50.68
06 41 13 00-0048	EA		33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	253.70 39.84	55.74
06 41 13 00-0049	EA		36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	275.46 39.84	60.81
06 41 13 00-0050	EA		39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	292.36 39.84	65.88
06 41 13 00-0051			Wall Cabinets, 18" High, 12" Deep <small>(06 41 13 00-0002)</small>		
06 41 13 00-0052	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	207.73 39.84	20.27
06 41 13 00-0053	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	218.21 39.84	25.33
06 41 13 00-0054	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	226.26 39.84	30.40
06 41 13 00-0055	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	234.93 39.84	35.47
06 41 13 00-0056	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	246.62 39.84	40.54
06 41 13 00-0057	EA		27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	259.70 39.84	45.63
06 41 13 00-0058	EA		30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	271.58 39.84	50.68
06 41 13 00-0059	EA		33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	281.46 39.84	55.74
06 41 13 00-0060	EA		36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	287.53 39.84	60.81
06 41 13 00-0061			Wall Cabinets, 30" High, 12" Deep <small>(06 41 13 00-0002)</small>		
06 41 13 00-0062	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	229.44 39.84	20.27
06 41 13 00-0063	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	248.41 39.84	25.33
06 41 13 00-0064	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	264.10 39.84	30.40
06 41 13 00-0065	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	282.73 39.84	35.47
06 41 13 00-0066	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	300.80 39.84	40.54
06 41 13 00-0067	EA		27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	327.75 39.84	45.63
06 41 13 00-0068	EA		30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	335.41 39.84	50.68
06 41 13 00-0069	EA		33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	364.14 39.84	55.74
06 41 13 00-0070	EA		36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	374.77 39.84	60.81
06 41 13 00-0071			Wall Cabinets, 36" High, 12" Deep <small>(06 41 13 00-0002)</small>		
06 41 13 00-0072	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	255.39 39.84	20.27
06 41 13 00-0073	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	275.57 39.84	25.33
06 41 13 00-0074	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	293.08 39.84	30.40
06 41 13 00-0075	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	312.91 39.84	35.47
06 41 13 00-0076	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	362.97 39.84	40.54
06 41 13 00-0077	EA		27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	365.18 39.84	45.63
06 41 13 00-0078	EA		30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	377.66 39.84	50.68

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0079	EA		33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	411.22 39.84	55.74
06 41 13 00-0080	EA		36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	421.85 39.84	60.81
06 41 13 00-0081 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0002)					
06 41 13 00-0082	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	282.56 39.84	20.27
06 41 13 00-0083	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	306.96 39.84	25.33
06 41 13 00-0084	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	325.67 39.84	30.40
06 41 13 00-0085	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	344.90 39.84	35.47
06 41 13 00-0086	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	373.83 39.84	40.54
06 41 13 00-0087	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	397.77 39.84	45.63
06 41 13 00-0088	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	417.50 39.84	50.68
06 41 13 00-0089	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	455.28 39.84	55.74
06 41 13 00-0090	EA		36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	468.93 39.84	60.81
06 41 13 00-0091 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0002)					
06 41 13 00-0092	EA		30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	270.14 39.84	50.68
06 41 13 00-0093	EA		33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	288.85 39.84	55.74
06 41 13 00-0094	EA		36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	309.25 39.84	60.81
06 41 13 00-0095	EA		39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	332.96 39.84	65.88
06 41 13 00-0096	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	389.32 39.84	81.08
06 41 13 00-0097 Utility Cabinets, 84" High (06 41 13 00-0002)					
06 41 13 00-0098	EA		15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	521.90 147.28	45.05
06 41 13 00-0099	EA		18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	587.92 147.28	54.05
06 41 13 00-0100	EA		21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	658.17 147.28	423.40
06 41 13 00-0101	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	692.81 147.28	72.07
06 41 13 00-0102	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	829.46 147.28	90.08
06 41 13 00-0103	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	950.41 147.28	108.11
06 41 13 00-0104	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	583.46 147.28	45.05
06 41 13 00-0105	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	644.05 147.28	54.05
06 41 13 00-0106	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	731.81 147.28	63.06
06 41 13 00-0107	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	777.92 147.28	72.07
06 41 13 00-0108	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	954.40 147.28	90.08
06 41 13 00-0109	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,085.61 147.28	108.11
06 41 13 00-0110 Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0001)					
06 41 13 00-0111 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0110)					
06 41 13 00-0112	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	236.80 71.22 74.24	20.27
06 41 13 00-0113	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	251.05 71.22 74.24	25.33
06 41 13 00-0114	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	262.15 71.22 74.24	30.40
06 41 13 00-0115	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	275.46 71.22 74.24	35.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0116	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	309.92	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	71.22	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0117	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	323.60	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	71.22	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0118	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	348.00	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	71.22	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0119	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	366.11	55.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	71.22	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0120	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	377.45	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	71.22	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0121	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	428.64	81.08
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	142.45	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	467.52	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	142.45	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0123	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	516.89	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	142.45	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0124	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	489.25	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0125	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	544.05	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0126	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	240.42	20.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0127	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	246.23	25.33
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0128	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	266.98	30.40
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0129	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	283.30	35.47
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0130	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	294.83	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0131	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	308.51	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0132	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	488.04	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0133	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	513.39	55.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0134	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	539.22	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0135	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	288.71	20.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0136	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	295.72	25.33
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0137	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	319.49	30.40
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0138	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	338.83	35.47
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0139	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	355.19	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0140	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	372.49	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0141	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	510.37	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0142	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	538.74	55.74
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
		<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0143	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	568.19	60.81
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
		<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0144 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0145	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	215.07	50.68
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0146	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	227.95	55.74
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0147	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	250.71	60.81
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0148	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	265.80	65.88
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0149 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0150	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	183.58	20.27
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0151	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	188.03	25.33
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0152	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	196.69	30.40
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0153	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	202.34	35.47
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0154	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	207.99	40.54
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0155	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	217.25	50.68
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0156	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	231.36	55.74
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0157	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	250.71	60.81
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0158	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	265.80	65.88
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0159 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0160	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	189.62	20.27
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0161	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	198.89	25.33
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0162	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	206.34	30.40
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0163	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	214.41	35.47
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0164	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	224.89	40.54
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0165	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	236.77	45.63
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0166	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	246.83	50.68
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0167	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	256.11	55.74
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0168	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	261.57	60.81
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0169 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0170	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	210.73	20.27
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0171	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	227.89	25.33
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0172	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	241.77	30.40
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0173	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	257.98	35.47
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0174	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	274.24	40.54
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0175	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	298.18	45.63
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0176	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	305.23	50.68
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0177	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	330.34	55.74
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0178	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	340.37	60.81
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0179 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0180	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	233.66	20.27
		<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0181	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	251.43	25.33
		<i>For All Plywood Box Construction, Add</i>	39.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0182	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	267.12 39.84	30.40
06 41 13 00-0183	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	284.54 39.84	35.47
06 41 13 00-0184	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	329.17 39.84	40.54
06 41 13 00-0185	EA		27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	330.77 39.84	45.63
06 41 13 00-0186	EA		30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	342.05 39.84	50.68
06 41 13 00-0187	EA		33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	371.99 39.84	55.74
06 41 13 00-0188	EA		36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	381.41 39.84	60.81
06 41 13 00-0189			Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0110)		
06 41 13 00-0190	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	257.20 39.84	20.27
06 41 13 00-0191	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	279.19 39.84	25.33
06 41 13 00-0192	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	296.09 39.84	30.40
06 41 13 00-0193	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	312.91 39.84	35.47
06 41 13 00-0194	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	338.82 39.84	40.54
06 41 13 00-0195	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	359.74 39.84	45.63
06 41 13 00-0196	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	377.06 39.84	50.68
06 41 13 00-0197	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	410.62 39.84	55.74
06 41 13 00-0198	EA		36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	423.06 39.84	60.81
06 41 13 00-0199			Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0110)		
06 41 13 00-0200	EA		30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	246.60 39.84	50.68
06 41 13 00-0201	EA		33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	263.50 39.84	55.74
06 41 13 00-0202	EA		36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	281.48 39.84	60.81
06 41 13 00-0203	EA		39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	302.78 39.84	65.88
06 41 13 00-0204	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	352.50 39.84	81.08
06 41 13 00-0205			Utility Cabinets, 84" High (06 41 13 00-0110)		
06 41 13 00-0206	EA		15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	478.44 147.28	45.05
06 41 13 00-0207	EA		18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	538.42 147.28	54.05
06 41 13 00-0208	EA		21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	602.03 147.28	423.40
06 41 13 00-0209	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	634.26 147.28	72.07
06 41 13 00-0210	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	755.82 147.28	90.08
06 41 13 00-0211	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	864.09 147.28	108.11
06 41 13 00-0212	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	532.76 147.28	45.05
06 41 13 00-0213	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	587.92 147.28	54.05
06 41 13 00-0214	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	666.62 147.28	63.06
06 41 13 00-0215	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	709.11 147.28	72.07
06 41 13 00-0216	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	865.67 147.28	90.08
06 41 13 00-0217	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	983.00 147.28	108.11
06 41 13 00-0218			Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0001)		
06 41 13 00-0219			Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0218)		
06 41 13 00-0220	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	236.80 71.22 74.24	20.27

06 Wood, Plastics, and Composites

06 40 Architectural Woodwork

06 41 Architectural Wood Casework

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0221	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	251.05 71.22 74.24	25.33
06 41	13 00-0222	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	262.15 71.22 74.24	30.40
06 41	13 00-0223	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	275.46 71.22 74.24	35.47
06 41	13 00-0224	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	309.92 71.22 74.24	40.54
06 41	13 00-0225	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	323.60 71.22 74.24	45.61
06 41	13 00-0226	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	348.00 71.22 74.24	50.68
06 41	13 00-0227	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	366.11 71.22 74.24	55.74
06 41	13 00-0228	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	377.45 71.22 74.24	60.81
06 41	13 00-0229	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	428.64 142.45 74.24	81.08
06 41	13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	467.52 142.45 74.24	50.68
06 41	13 00-0231	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	516.89 142.45 74.24	60.81
06 41	13 00-0232	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	489.25 213.67 74.24	50.68
06 41	13 00-0233	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	544.05 213.67 74.24	60.81
06 41	13 00-0234	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	240.42 213.67 74.24	20.27
06 41	13 00-0235	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	246.23 213.67 74.24	25.33
06 41	13 00-0236	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	266.98 213.67 74.24	30.40
06 41	13 00-0237	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	283.30 213.67 74.24	35.47
06 41	13 00-0238	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	294.83 213.67 74.24	40.54
06 41	13 00-0239	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	308.51 213.67 74.24	45.61
06 41	13 00-0240	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	488.04 213.67 74.24	50.68
06 41	13 00-0241	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	513.39 213.67 74.24	55.74
06 41	13 00-0242	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	539.22 213.67 74.24	60.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0243	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	288.71	20.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0244	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	295.72	25.33
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0245	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	319.49	30.40
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0246	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	338.83	35.47
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0247	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	355.19	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0248	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	372.49	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0249	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	510.37	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0250	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	538.74	55.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0251	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	568.19	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41 13 00-0252			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0253	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	215.07	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0254	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	227.95	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0255	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	250.71	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0256	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	265.80	65.88
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0257			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0258	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	183.58	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0259	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	188.03	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0260	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	196.69	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0261	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	202.34	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0262	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	207.99	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0263	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	217.25	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0264	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	231.36	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0265	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	250.71	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0266	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	265.80	65.88
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0267			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0268	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	189.62	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0269	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	198.89	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0270	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	206.34	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0271	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	214.41	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0272	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	224.89	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0273	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	236.77	45.63
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0274	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	246.83	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0275	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	256.11	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0276	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	261.57	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	

06 Wood, Plastics, and Composites

06 40 Architectural Woodwork

06 41 Architectural Wood Casework

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 41 13 00-0277		Wall Cabinets, 30" High, 12" Deep <small>(06 41 13 00-0218)</small>			
06 41 13 00-0278	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	210.73 39.84		20.27
06 41 13 00-0279	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	227.89 39.84		25.33
06 41 13 00-0280	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	241.77 39.84		30.40
06 41 13 00-0281	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	257.98 39.84		35.47
06 41 13 00-0282	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	274.24 39.84		40.54
06 41 13 00-0283	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	298.18 39.84		45.63
06 41 13 00-0284	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	305.23 39.84		50.68
06 41 13 00-0285	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	330.34 39.84		55.74
06 41 13 00-0286	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	340.37 39.84		60.81
06 41 13 00-0287		Wall Cabinets, 36" High, 12" Deep <small>(06 41 13 00-0218)</small>			
06 41 13 00-0288	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	233.66 39.84		20.27
06 41 13 00-0289	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	251.43 39.84		25.33
06 41 13 00-0290	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	267.12 39.84		30.40
06 41 13 00-0291	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	284.54 39.84		35.47
06 41 13 00-0292	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	329.17 39.84		40.54
06 41 13 00-0293	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	330.77 39.84		45.63
06 41 13 00-0294	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	342.05 39.84		50.68
06 41 13 00-0295	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	371.99 39.84		55.74
06 41 13 00-0296	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	381.41 39.84		60.81
06 41 13 00-0297		Wall Cabinets, 42" High, 12" Deep <small>(06 41 13 00-0218)</small>			
06 41 13 00-0298	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	257.20 39.84		20.27
06 41 13 00-0299	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	279.19 39.84		25.33
06 41 13 00-0300	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	296.09 39.84		30.40
06 41 13 00-0301	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	312.91 39.84		35.47
06 41 13 00-0302	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	338.82 39.84		40.54
06 41 13 00-0303	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	359.74 39.84		45.63
06 41 13 00-0304	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	377.06 39.84		50.68
06 41 13 00-0305	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	410.62 39.84		55.74
06 41 13 00-0306	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	423.06 39.84		60.81
06 41 13 00-0307		Wall Cabinets, 12" High, 23-3/4" Deep <small>(06 41 13 00-0218)</small>			
06 41 13 00-0308	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	246.60 39.84		50.68
06 41 13 00-0309	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	263.50 39.84		55.74
06 41 13 00-0310	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	281.48 39.84		60.81
06 41 13 00-0311	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	302.78 39.84		65.88
06 41 13 00-0312	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	352.50 39.84		81.08
06 41 13 00-0313		Utility Cabinets, 84" High <small>(06 41 13 00-0218)</small>			
06 41 13 00-0314	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	478.44 147.28		45.05
06 41 13 00-0315	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	538.42 147.28		54.05
06 41 13 00-0316	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	602.03 147.28		423.40
06 41 13 00-0317	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	634.26 147.28		72.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0318	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	755.82 147.28	90.08
06 41 13 00-0319	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	864.09 147.28	108.11
06 41 13 00-0320	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	532.76 147.28	45.05
06 41 13 00-0321	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	587.92 147.28	54.05
06 41 13 00-0322	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	666.62 147.28	63.06
06 41 13 00-0323	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	709.11 147.28	72.07
06 41 13 00-0324	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	865.67 147.28	90.08
06 41 13 00-0325	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	983.00 147.28	108.11
06 41 13 00-0326			Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0001)		
06 41 13 00-0327			Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0326)		
06 41 13 00-0328	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	236.80 71.22 74.24	20.27
06 41 13 00-0329	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	251.05 71.22 74.24	25.33
06 41 13 00-0330	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	262.15 71.22 74.24	30.40
06 41 13 00-0331	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	275.46 71.22 74.24	35.47
06 41 13 00-0332	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	309.92 71.22 74.24	40.54
06 41 13 00-0333	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	323.60 71.22 74.24	45.61
06 41 13 00-0334	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	348.00 71.22 74.24	50.68
06 41 13 00-0335	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	366.11 71.22 74.24	55.74
06 41 13 00-0336	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	377.45 71.22 74.24	60.81
06 41 13 00-0337	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	428.64 142.45 74.24	81.08
06 41 13 00-0338	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	467.52 142.45 74.24	50.68
06 41 13 00-0339	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	516.89 142.45 74.24	60.81
06 41 13 00-0340	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	489.25 213.67 74.24	50.68
06 41 13 00-0341	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	544.05 213.67 74.24	60.81
06 41 13 00-0342	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	240.42 213.67 74.24	20.27
06 41 13 00-0343	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	246.23 213.67 74.24	25.33
06 41 13 00-0344	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	266.98 213.67 74.24	30.40

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0345	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	283.30	35.47
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0346	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	294.83	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0347	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	308.51	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0348	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	488.04	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0349	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	513.39	55.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0350	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	539.22	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	213.67	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0351	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	288.71	20.27
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0352	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	295.72	25.33
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0353	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	319.49	30.40
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0354	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	338.83	35.47
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0355	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	355.19	40.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0356	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	372.49	45.61
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0357	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	510.37	50.68
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0358	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	538.74	55.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0359	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	568.19	60.81
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	284.90	
			<i>For All Plywood Box Construction, Add</i>	74.24	
06 41	13 00-0360		Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0326)		
06 41	13 00-0361	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	215.07	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0362	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	227.95	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0363	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	250.71	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0364	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	265.80	65.88
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0365		Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0326)		
06 41	13 00-0366	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	183.58	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0367	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	188.03	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0368	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	196.69	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0369	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	202.34	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0370	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	207.99	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0371	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	217.25	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0372	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	231.36	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0373	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	250.71	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0374	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	265.80	65.88
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0375			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0376	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	189.62	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0377	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	198.89	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0378	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	206.34	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0379	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	214.41	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0380	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	224.89	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0381	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	236.77	45.63
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0382	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	246.83	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0383	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	256.11	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0384	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	261.57	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0385			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0386	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	210.73	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0387	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	227.89	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0388	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	241.77	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0389	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	257.98	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0390	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	274.24	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0391	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	298.18	45.63
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0392	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	305.23	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0393	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	330.34	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0394	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	340.37	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0395			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0396	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	233.66	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0397	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	251.43	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41 13 00-0398	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	267.12	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0399	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	284.54	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0400	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	329.17	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0401	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	330.77	45.63
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0402	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	342.05	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0403	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	371.99	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0404	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	381.41	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0405		Wall Cabinets, 42" High, 12" Deep <small>(06 41 13 00-0326)</small>		
06 41	13 00-0406	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	257.20	20.27
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0407	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	279.19	25.33
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0408	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	296.09	30.40
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0409	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	312.91	35.47
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0410	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	338.82	40.54
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0411	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	359.74	45.63
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0412	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	377.06	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0413	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	410.62	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0414	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	423.06	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0415		Wall Cabinets, 12" High, 23-3/4" Deep <small>(06 41 13 00-0326)</small>		
06 41	13 00-0416	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	246.60	50.68
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0417	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	263.50	55.74
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0418	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	281.48	60.81
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0419	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	302.78	65.88
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0420	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	352.50	81.08
			<i>For All Plywood Box Construction, Add</i>	39.84	
06 41	13 00-0421		Utility Cabinets, 84" High <small>(06 41 13 00-0326)</small>		
06 41	13 00-0422	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	478.44	45.05
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41	13 00-0423	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	538.42	54.05
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41	13 00-0424	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	602.03	423.40
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41	13 00-0425	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	634.26	72.07
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41	13 00-0426	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	755.82	90.08
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41	13 00-0427	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	864.09	108.11
			<i>For All Plywood Box Construction, Add</i>	147.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0428	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	532.76	45.05
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0429	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	587.92	54.05
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0430	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	666.62	63.06
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0431	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	709.11	72.07
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0432	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	865.67	90.08
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0433	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	983.00	108.11
			<i>For All Plywood Box Construction, Add</i>	147.28	
06 41 13 00-0434			Removal And Reinstallation Of Cabinet Or Counters (06 41 13)		
			Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0435	LF		Removal And Reinstallation Of Wood Base Cabinets	77.54	
06 41 13 00-0436	LF		Removal And Reinstallation Of Wall Cabinets.....	67.42	
06 41 13 00-0437	LF		Removal And Reinstallation Of Plastic Laminated Countertops	15.77	
06 41 93			Cabinet And Drawer Hardware (06 41)		
06 41 93 00-0001			Cabinet Hardware (06 41 93)		
			Note: Includes all finishes, and mounting screws.		
06 41 93 00-0002	EA		4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	24.14	8.62
06 41 93 00-0003	EA		7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	24.86	8.62
06 41 93 00-0004	EA		10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	26.12	8.62
06 41 93 00-0005	EA		3" To 4-1/2", Flat Cabinet Pull Handle	27.52	8.62
06 41 93 00-0006	EA		5" To 6-1/2", Flat Cabinet Pull Handle	28.24	8.62
06 41 93 00-0007	EA		7" To 8-1/2", Flat Cabinet Pull Handle	35.98	8.62
06 41 93 00-0008	EA		12" To 12-1/2", Flat Cabinet Pull Handle	68.02	8.62
06 41 93 00-0009	EA		1-7/16" Diameter, Mushroom Cabinet Pull Knobs	18.76	6.58
06 41 93 00-0010	EA		3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	18.63	6.58
06 41 93 00-0011	EA		1-1/4" Long, Finger Cabinet Pull.....	25.36	7.60
06 41 93 00-0012	EA		3" Long, Finger Cabinet Pull	28.73	7.60
06 41 93 00-0013	EA		4" Long, Finger Cabinet Pull	31.03	7.60
06 41 93 00-0014	EA		6" Long, Finger Cabinet Pull	34.18	7.60
06 41 93 00-0015	EA		12" Long, Finger Cabinet Pull.....	48.80	7.60
06 41 93 00-0016	EA		Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	36.43	10.13
06 41 93 00-0017	EA		Cabinet Door or Drawer Bored Lock with 2 Keys.....	48.29	8.62
06 41 93 00-0018	EA		Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	32.69	8.62
06 42			Wood Paneling (06 40)		
			Note: Includes glue for installation.		
06 42 13			Wood Board Paneling (06 42)		
06 42 13 00-0001			Solid Wood Paneling (06 42 13)		
06 42 13 00-0002			7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)		
06 42 13 00-0003	SF		Homestead Cedar Paneling Tongue And Groove, 7/16"	7.63	2.13
06 42 13 00-0004	SF		Homestead Juniper Paneling Tongue And Groove, 7/16"	7.96	2.13
06 42 13 00-0005			7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)		
06 42 13 00-0006	SF		8" Random Plank Tongue And Groove, 7/16"	9.93	2.03
06 42 13 00-0007	SF		8" Solid Plank Tongue And Groove, 7/16"	9.28	2.03
06 42 13 00-0008			1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)		
06 42 13 00-0009	SF		Alder Wood Tongue And Groove Paneling, 1/2".....	8.61	2.13
06 42 13 00-0010			1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)		
06 42 13 00-0011	SF		1" Teredo (Driftwood) Wood Shiplap	5.85	1.82
06 42 16			Flush Wood Paneling (06 42)		
06 42 16 00-0001			Veneer Hardboard Panels (06 42 16)		
06 42 16 00-0002	SF		1/4" Maple Veneer Paneling	5.41	1.83
			<i>For Waterproof Glue, Add</i>	0.09	
			<i>For Ceiling Installation, Add</i>	1.25	
06 42 16 00-0003			Plywood Unfinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0004			Birch (06 42 16 00-0003)		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	4.71	1.63
		<i>For Waterproof Glue, Add</i>	0.07	
		<i>For Ceiling Installation, Add</i>	1.10	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.40	
		<i>For Glue Laminated Installation, Add</i>	0.24	
		<i>For Lumber Core, Add</i>	0.11	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.43	
		<i>For 1/2" Thick Paneling, Add</i>	1.00	
		<i>For 5/8" Thick Paneling, Add</i>	1.21	
		<i>For 3/4" Thick Paneling, Add</i>	1.49	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.81	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	4.78	1.63
		<i>For Waterproof Glue, Add</i>	0.08	
		<i>For Ceiling Installation, Add</i>	1.10	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.40	
		<i>For Glue Laminated Installation, Add</i>	0.24	
		<i>For Lumber Core, Add</i>	0.12	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.44	
		<i>For 1/2" Thick Paneling, Add</i>	1.04	
		<i>For 5/8" Thick Paneling, Add</i>	1.27	
		<i>For 3/4" Thick Paneling, Add</i>	1.56	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.87	
06 42 16 00-0007		Knotty Pine <small>(06 42 16 00-0003)</small>		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	5.44	1.83
		<i>For Waterproof Glue, Add</i>	0.10	
		<i>For Ceiling Installation, Add</i>	1.22	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.45	
		<i>For Glue Laminated Installation, Add</i>	0.27	
		<i>For Lumber Core, Add</i>	0.15	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.51	
		<i>For 1/2" Thick Paneling, Add</i>	1.22	
		<i>For 5/8" Thick Paneling, Add</i>	1.51	
		<i>For 3/4" Thick Paneling, Add</i>	1.88	
		<i>For Fire Retardant Treatment (Class I), Add</i>	1.07	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	5.38	1.83
		<i>For Waterproof Glue, Add</i>	0.09	
		<i>For Ceiling Installation, Add</i>	1.22	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.45	
		<i>For Glue Laminated Installation, Add</i>	0.27	
		<i>For Lumber Core, Add</i>	0.14	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.50	
		<i>For 1/2" Thick Paneling, Add</i>	1.19	
		<i>For 5/8" Thick Paneling, Add</i>	1.46	
		<i>For 3/4" Thick Paneling, Add</i>	1.82	
		<i>For Fire Retardant Treatment (Class I), Add</i>	1.03	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) <small>(06 42 16 00-0003)</small>		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	5.46	2.05
		<i>For Waterproof Glue, Add</i>	0.06	
		<i>For Ceiling Installation, Add</i>	1.38	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.50	
		<i>For Glue Laminated Installation, Add</i>	0.27	
		<i>For Lumber Core, Add</i>	0.10	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.47	
		<i>For 1/2" Thick Paneling, Add</i>	1.02	
		<i>For 5/8" Thick Paneling, Add</i>	1.20	
		<i>For 3/4" Thick Paneling, Add</i>	1.44	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.69	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.23	2.05
		<i>For Waterproof Glue, Add</i>	0.04	
		<i>For Ceiling Installation, Add</i>	1.38	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.50	
		<i>For Glue Laminated Installation, Add</i>	0.26	
		<i>For Lumber Core, Add</i>	0.07	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.43	
		<i>For 1/2" Thick Paneling, Add</i>	0.90	
		<i>For 5/8" Thick Paneling, Add</i>	1.03	
		<i>For 3/4" Thick Paneling, Add</i>	1.20	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.51	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick <small>(06 42 16)</small>		
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	5.23	1.83
		<i>For Fitch Matched Veneer, Add</i>	0.58	
		<i>For Second Grade Veneer, Deduct</i>	-0.12	
		<i>For Third Grade Veneer, Deduct</i>	-0.17	
		<i>For Waterproof Glue, Add</i>	0.08	
		<i>For Ceiling Installation, Add</i>	1.22	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.45	
		<i>For Glue Laminated Installation, Add</i>	0.26	
		<i>For Lumber Core, Add</i>	0.13	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.48	
		<i>For 1/2" Thick Paneling, Add</i>	1.11	
		<i>For 5/8" Thick Paneling, Add</i>	1.35	
		<i>For 3/4" Thick Paneling, Add</i>	1.66	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0015	SF		1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	5.74	1.83
			For Fitch Matched Veneer, Add	0.83	
			For Second Grade Veneer, Deduct	-0.17	
			For Third Grade Veneer, Deduct	-0.25	
			For Waterproof Glue, Add	0.12	
			For Ceiling Installation, Add	1.22	
			For Installation On Metal Studs Or Furring, Add	0.45	
			For Glue Laminated Installation, Add	0.29	
			For Lumber Core, Add	0.18	
			For 1/8" Thick Paneling, Deduct	-0.56	
			For 1/2" Thick Paneling, Add	1.39	
			For 5/8" Thick Paneling, Add	1.73	
			For 3/4" Thick Paneling, Add	2.18	
			For Fire Retardant Treatment (Class I), Add	1.31	
06 42 16 00-0016	SF		1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	8.45	1.83
			For Fitch Matched Veneer, Add	1.79	
			For Second Grade Veneer, Deduct	-0.36	
			For Third Grade Veneer, Deduct	-0.54	
			For Waterproof Glue, Add	0.25	
			For Ceiling Installation, Add	1.46	
			For Installation On Metal Studs Or Furring, Add	0.54	
			For Glue Laminated Installation, Add	0.42	
			For Lumber Core, Add	0.39	
			For 1/8" Thick Paneling, Deduct	-0.94	
			For 1/2" Thick Paneling, Add	2.51	
			For 5/8" Thick Paneling, Add	3.26	
			For 3/4" Thick Paneling, Add	4.23	
			For Fire Retardant Treatment (Class I), Add	2.82	
06 42 16 00-0017	SF		1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	4.43	1.83
			For Fitch Matched Veneer, Add	0.38	
			For Second Grade Veneer, Deduct	-0.08	
			For Third Grade Veneer, Deduct	-0.11	
			For Waterproof Glue, Add	0.05	
			For Ceiling Installation, Add	1.10	
			For Installation On Metal Studs Or Furring, Add	0.40	
			For Glue Laminated Installation, Add	0.22	
			For Lumber Core, Add	0.08	
			For 1/8" Thick Paneling, Deduct	-0.38	
			For 1/2" Thick Paneling, Add	0.85	
			For 5/8" Thick Paneling, Add	1.01	
			For 3/4" Thick Paneling, Add	1.22	
			For Fire Retardant Treatment (Class I), Add	0.60	
06 42 16 00-0018	SF		1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	7.46	1.83
			For Fitch Matched Veneer, Add	1.44	
			For Second Grade Veneer, Deduct	-0.29	
			For Third Grade Veneer, Deduct	-0.43	
			For Waterproof Glue, Add	0.20	
			For Ceiling Installation, Add	1.38	
			For Installation On Metal Studs Or Furring, Add	0.50	
			For Glue Laminated Installation, Add	0.37	
			For Lumber Core, Add	0.32	
			For 1/8" Thick Paneling, Deduct	-0.80	
			For 1/2" Thick Paneling, Add	2.10	
			For 5/8" Thick Paneling, Add	2.70	
			For 3/4" Thick Paneling, Add	3.48	
			For Fire Retardant Treatment (Class I), Add	2.27	
06 42 16 00-0019	SF		1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	5.35	1.83
			For Fitch Matched Veneer, Add	0.64	
			For Second Grade Veneer, Deduct	-0.13	
			For Third Grade Veneer, Deduct	-0.19	
			For Waterproof Glue, Add	0.09	
			For Ceiling Installation, Add	1.22	
			For Installation On Metal Studs Or Furring, Add	0.45	
			For Glue Laminated Installation, Add	0.27	
			For Lumber Core, Add	0.14	
			For 1/8" Thick Paneling, Deduct	-0.50	
			For 1/2" Thick Paneling, Add	1.18	
			For 5/8" Thick Paneling, Add	1.44	
			For 3/4" Thick Paneling, Add	1.79	
			For Fire Retardant Treatment (Class I), Add	1.00	
06 42 16 00-0020	SF		1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	6.27	1.83
			For Fitch Matched Veneer, Add	0.84	
			For Second Grade Veneer, Deduct	-0.17	
			For Third Grade Veneer, Deduct	-0.25	
			For Waterproof Glue, Add	0.12	
			For Ceiling Installation, Add	1.38	
			For Installation On Metal Studs Or Furring, Add	0.50	
			For Glue Laminated Installation, Add	0.31	
			For Lumber Core, Add	0.18	
			For 1/8" Thick Paneling, Deduct	-0.60	
			For 1/2" Thick Paneling, Add	1.46	
			For 5/8" Thick Paneling, Add	1.81	
			For 3/4" Thick Paneling, Add	2.26	
			For Fire Retardant Treatment (Class I), Add	1.33	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	9.81	1.83
		For Flitch Matched Veneer, Add	2.04	
		For Second Grade Veneer, Deduct	-0.41	
		For Third Grade Veneer, Deduct	-0.61	
		For Waterproof Glue, Add	0.28	
		For Ceiling Installation, Add	1.72	
		For Installation On Metal Studs Or Furring, Add	0.63	
		For Glue Laminated Installation, Add	0.49	
		For Lumber Core, Add	0.45	
		For 1/8" Thick Paneling, Deduct	-1.08	
		For 1/2" Thick Paneling, Add	2.89	
		For 5/8" Thick Paneling, Add	3.74	
		For 3/4" Thick Paneling, Add	4.84	
		For Fire Retardant Treatment (Class I), Add	3.22	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	7.46	1.83
		For Flitch Matched Veneer, Add	1.44	
		For Second Grade Veneer, Deduct	-0.29	
		For Third Grade Veneer, Deduct	-0.43	
		For Waterproof Glue, Add	0.20	
		For Ceiling Installation, Add	1.38	
		For Installation On Metal Studs Or Furring, Add	0.50	
		For Glue Laminated Installation, Add	0.37	
		For Lumber Core, Add	0.32	
		For 1/8" Thick Paneling, Deduct	-0.80	
		For 1/2" Thick Paneling, Add	2.10	
		For 5/8" Thick Paneling, Add	2.70	
		For 3/4" Thick Paneling, Add	3.48	
		For Fire Retardant Treatment (Class I), Add	2.27	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	6.52	1.83
		For Flitch Matched Veneer, Add	1.22	
		For Second Grade Veneer, Deduct	-0.24	
		For Third Grade Veneer, Deduct	-0.37	
		For Waterproof Glue, Add	0.17	
		For Ceiling Installation, Add	1.22	
		For Installation On Metal Studs Or Furring, Add	0.45	
		For Glue Laminated Installation, Add	0.33	
		For Lumber Core, Add	0.27	
		For 1/8" Thick Paneling, Deduct	-0.69	
		For 1/2" Thick Paneling, Add	1.81	
		For 5/8" Thick Paneling, Add	2.32	
		For 3/4" Thick Paneling, Add	2.98	
		For Fire Retardant Treatment (Class I), Add	1.93	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	5.38	1.83
		For Flitch Matched Veneer, Add	0.65	
		For Second Grade Veneer, Deduct	-0.13	
		For Third Grade Veneer, Deduct	-0.20	
		For Waterproof Glue, Add	0.09	
		For Ceiling Installation, Add	1.22	
		For Installation On Metal Studs Or Furring, Add	0.45	
		For Glue Laminated Installation, Add	0.27	
		For Lumber Core, Add	0.14	
		For 1/8" Thick Paneling, Deduct	-0.50	
		For 1/2" Thick Paneling, Add	1.19	
		For 5/8" Thick Paneling, Add	1.46	
		For 3/4" Thick Paneling, Add	1.82	
		For Fire Retardant Treatment (Class I), Add	1.03	

06 42 16 00-0025 Accessories (06 42 16)

06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	27.70	
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06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)**06 42 19 00-0001 Plastic Laminate (06 42 19)**

Note: Standard colors and patterns.

06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel	8.07	3.55
		Note: Includes cutting to fit.		

06 43 Wood Stairs And Railings (06 40)**06 43 13 Wood Stairs (06 43)****06 43 13 00-0001 Stair Parts (06 43 13)**

06 43 13 00-0002	EA	30" Baluster, Pine	48.47	20.57
06 43 13 00-0003	EA	30" Baluster, Birch	56.65	20.57
06 43 13 00-0004	EA	42" Baluster, Pine	54.39	21.27
06 43 13 00-0005	EA	42" Baluster, Birch	63.11	21.27
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	279.11	80.85
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	407.50	113.47
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	171.87	70.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.28	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	200.34	77.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.60	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	34.20	10.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.49	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	43.52	5.98
		For Beech, Add	9.49	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 43 13 00-0012	LF		1-1/16" x 11-1/2" Oak Stair Tread..... <i>For Beech, Add</i> <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.52 12.19 2.73	5.98
06 43 13 00-0013	LF		1-1/16" x 11-1/2" Pine Stair Tread <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.65 2.73	5.98
06 43 13 00-0014	LF		3/4" x 7-1/2" High Beech Riser <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.13 2.85	6.18
06 43 13 00-0015	LF		3/4" x 7-1/2" High Oak Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.22 2.85	6.18
06 43 13 00-0016	LF		3/4" x 7-1/2" High Fir Riser <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.94 2.85	6.18
06 43 13 00-0017	LF		3/4" x 7-1/2" High Pine Riser <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.34 2.85	6.18
06 43 13 00-0018	SF		Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing.....	39.39	

06 43 13 00-0019 Interior Box Stairs (06 43 13)

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA		30" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	243.05 20.27 70.44 23.02 69.71	61.70
06 43 13 00-0021	EA		32" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	257.26 20.73 71.04 23.27 75.21	63.12
06 43 13 00-0022	EA		34" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	270.50 20.97 71.35 23.40 80.70	63.83
06 43 13 00-0023	EA		36" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	285.80 21.20 71.65 23.52 87.13	64.54
06 43 13 00-0024	EA		38" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	294.91 21.43 71.96 23.65 90.77	65.24
06 43 13 00-0025	EA		40" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	305.03 21.90 72.57 23.90 94.41	66.67
06 43 13 00-0026	EA		42" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	314.14 22.14 72.87 24.03 98.06	67.37
06 43 13 00-0027	EA		44" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	323.25 22.37 73.18 24.16 101.69	68.09
06 43 13 00-0028	EA		46" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	332.31 22.60 73.47 24.28 105.33	68.79
06 43 13 00-0029	EA		48" Wide Pine Box Stair, Per Riser..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Prefinished Stair Rail With Balusters And Newel, Add</i> <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> <i>For Oak Or Maple Treads, Add</i>	343.37 23.30 74.39 24.66 108.93	70.92

06 43 16 Wood Railings (06 43)
06 43 16 00-0001 Handrails (06 43 16)
06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF		1-1/2" x 1-11/16", Wood Handrail With Brackets <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.51 2.33	5.06
06 43 16 00-0004	LF		1-7/8" x 2-5/8", Wood Handrail With Brackets <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.39 2.33	5.06
06 43 16 00-0005	LF		1-1/2" Diameter, Wood Handrail With Brackets.....	18.33	5.06
06 43 16 00-0006	LF		1-3/4" Diameter, Wood Handrail With Brackets.....	19.06	5.06
06 43 16 00-0007	LF		2" Diameter, Wood Handrail With Brackets.....	21.71	5.06
06 43 16 00-0008	LF		2-1/2" Diameter, Wood Handrail With Brackets.....	29.88	5.06

06 44 Ornamental Woodwork (06 40)
06 44 39 Wood Posts And Columns (06 44)

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0001			Columns (06 44 39)		
06 44 39 00-0002			Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0003	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	58.73	5.86
06 44 39 00-0004	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	73.60	8.56
06 44 39 00-0005	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	90.21	9.92
06 44 39 00-0006	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	107.86	10.37
06 44 39 00-0007	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	240.12	11.72
06 44 39 00-0008	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	278.86	12.62
06 44 39 00-0009	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	335.57	13.52
06 44 39 00-0010	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	400.54	14.42
06 44 39 00-0011	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	67.55	5.86
06 44 39 00-0012	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	80.67	8.56
06 44 39 00-0013	LF		10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	99.98	9.92
06 44 39 00-0014	LF		12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	118.30	10.37
06 44 39 00-0015	LF		14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	261.34	11.72
06 44 39 00-0016	LF		16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	354.98	12.62
06 44 39 00-0017	LF		18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	382.73	13.52
06 44 39 00-0018	LF		20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	430.85	14.42
06 44 39 00-0019			Pine Colonial Columns, Round Non Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0020	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	70.59	5.86
06 44 39 00-0021	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	87.07	8.56
06 44 39 00-0022	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	107.73	9.92
06 44 39 00-0023	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	129.76	10.37
06 44 39 00-0024	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	295.06	11.72
06 44 39 00-0025	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	343.19	12.62
06 44 39 00-0026	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	413.82	13.52
06 44 39 00-0027	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	494.78	14.42
06 44 39 00-0028	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	81.63	5.86
06 44 39 00-0029	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	96.74	8.56
06 44 39 00-0030	LF		10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	120.39	9.92
06 44 39 00-0031	LF		12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	143.16	10.37
06 44 39 00-0032	LF		14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	321.63	11.72
06 44 39 00-0033	LF		16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	438.61	12.62
06 44 39 00-0034	LF		18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	472.93	13.52
06 44 39 00-0035	LF		20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	532.80	14.42
06 44 39 00-0036			Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed pine.		
06 44 39 00-0037	LF		6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	62.92	5.86
06 44 39 00-0038	LF		8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	78.64	8.56
06 44 39 00-0039	LF		10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	96.56	9.92
06 44 39 00-0040	LF		12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	115.72	10.37
06 44 39 00-0041	LF		6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	72.54	5.86
06 44 39 00-0042	LF		8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	86.35	8.56
06 44 39 00-0043	LF		10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	107.20	9.92
06 44 39 00-0044	LF		12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	127.10	10.37
06 44 39 00-0045			Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF		6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	98.20	5.86
06 44 39 00-0047	LF		8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	118.06	8.56
06 44 39 00-0048	LF		10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	147.13	9.92
06 44 39 00-0049	LF		12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	179.94	10.37
06 44 39 00-0050	LF		6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	113.02	5.86
06 44 39 00-0051	LF		8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	133.89	8.56
06 44 39 00-0052	LF		10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	165.66	9.92
06 44 39 00-0053	LF		12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	204.19	10.37
06 44 39 00-0054			Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)		
			Note: For tapered wood columns.		
06 44 39 00-0055	EA		6" Resin Corinthian Capital And Base.....	307.27	12.17
06 44 39 00-0056	EA		8" Resin Corinthian Capital And Base.....	464.91	13.52
06 44 39 00-0057	EA		10" Resin Corinthian Capital And Base.....	647.93	15.78
06 44 39 00-0058	EA		12" Resin Corinthian Capital And Base.....	827.59	18.03
06 44 39 00-0059	EA		6" Resin Greek Erectheum Cap And Base	273.58	12.17
06 44 39 00-0060	EA		8" Resin Greek Erectheum Cap And Base	380.71	13.52
06 44 39 00-0061	EA		10" Resin Greek Erectheum Cap And Base	472.79	15.78
06 44 39 00-0062	EA		12" Resin Greek Erectheum Cap And Base	618.76	18.03
06 44 39 00-0063	EA		6" Resin Roman Ionic Capital And Base.....	287.96	12.62
06 44 39 00-0064	EA		8" Resin Roman Ionic Capital And Base.....	380.71	13.52
06 44 39 00-0065	EA		10" Resin Roman Ionic Capital And Base.....	472.79	15.78
06 44 39 00-0066	EA		12" Resin Roman Ionic Capital And Base.....	601.92	18.03
06 44 39 00-0067	EA		6" Resin Scamozzi Capital And Base	291.32	12.62
06 44 39 00-0068	EA		8" Resin Scamozzi Capital And Base	414.39	13.52
06 44 39 00-0069	EA		10" Resin Scamozzi Capital And Base	489.63	15.78
06 44 39 00-0070	EA		12" Resin Scamozzi Capital And Base	672.65	18.03
06 44 39 00-0071	EA		6" Resin Temple Of Winds Cap And Base.....	291.32	12.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 44 39 00-0072	EA		8" Resin Temple Of Winds Cap And Base.....	451.44	13.52
06 44 39 00-0073	EA		10" Resin Temple Of Winds Cap And Base.....	597.41	15.78
06 44 39 00-0074	EA		12" Resin Temple Of Winds Cap And Base.....	740.02	18.03

06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)

Note: For tapered wood columns.

06 44 39 00-0076	EA		6" Plaster Corinthian Capital And Base	620.51	12.17
06 44 39 00-0077	EA		8" Plaster Corinthian Capital And Base	697.31	13.52
06 44 39 00-0078	EA		10" Plaster Corinthian Capital And Base	887.07	15.78
06 44 39 00-0079	EA		12" Plaster Corinthian Capital And Base	975.79	18.03
06 44 39 00-0080	EA		6" Plaster Greek Erectheum Cap And Base	411.68	12.17
06 44 39 00-0081	EA		8" Plaster Greek Erectheum Cap And Base	478.38	13.52
06 44 39 00-0082	EA		10" Plaster Greek Erectheum Cap And Base	590.68	15.78
06 44 39 00-0083	EA		12" Plaster Greek Erectheum Cap And Base	743.38	18.03
06 44 39 00-0084	EA		6" Plaster Roman Ionic Capital And Base.....	395.74	12.62
06 44 39 00-0085	EA		8" Plaster Roman Ionic Capital And Base.....	518.80	13.52
06 44 39 00-0086	EA		10" Plaster Roman Ionic Capital And Base.....	627.73	15.78
06 44 39 00-0087	EA		12" Plaster Roman Ionic Capital And Base.....	743.38	18.03
06 44 39 00-0088	EA		6" Plaster Scamozzi Capital And Base	469.84	12.62
06 44 39 00-0089	EA		8" Plaster Scamozzi Capital And Base	623.22	13.52
06 44 39 00-0090	EA		10" Plaster Scamozzi Capital And Base	701.82	15.78
06 44 39 00-0091	EA		12" Plaster Scamozzi Capital And Base	891.58	18.03
06 44 39 00-0092	EA		6" Plaster Temple Of Winds Cap And Base.....	395.74	12.62
06 44 39 00-0093	EA		8" Plaster Temple Of Winds Cap And Base.....	512.07	13.52
06 44 39 00-0094	EA		10" Plaster Temple Of Winds Cap And Base.....	668.14	15.78
06 44 39 00-0095	EA		12" Plaster Temple Of Winds Cap And Base.....	854.53	18.03
06 44 39 00-0096	EA		6" Plaster Empire Capital And Base	446.26	12.62
06 44 39 00-0097	EA		8" Plaster Empire Capital And Base	545.75	13.52
06 44 39 00-0098	EA		10" Plaster Empire Capital And Base	664.79	15.78
06 44 39 00-0099	EA		12" Plaster Empire Capital And Base	743.38	18.03

06 46 Wood Trim (06 40)

06 46 13 Wood Door and Window Casings (06 46)

06 46 13 00-0001 Door and Window Casings (06 46 13)

06 46 13 00-0002	LF		1-1/8" Wide Plain Pine Door And Window Molding.....	4.64	1.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	
06 46 13 00-0003	LF		1-1/8" Wide Detailed Pine Door And Window Molding.....	4.68	1.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	
06 46 13 00-0004	LF		2-1/2" Wide Pine Complete Door And Window Trim.....	5.77	1.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	

06 46 19 Wood Base And Shoe Moldings (06 46)

06 46 19 00-0001 Base And Shoe Molding (06 46 19)

06 46 19 00-0002	LF		1/2" x 1/2" Pine Quarter Round Trim	4.85	1.93
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 19 00-0003	LF		3/4" x 3/4" Pine Quarter Round Trim	5.16	1.93
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 19 00-0004	LF		3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	6.05	1.22
			<i>For Clear Birch, Add</i>	0.64	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.31	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.36	
			<i>For Clear Poplar, Add</i>	0.40	
06 46 19 00-0005	LF		4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	7.37	1.52
			<i>For Clear Birch, Add</i>	0.74	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.55	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.42	
			<i>For Clear Poplar, Add</i>	0.46	
06 46 19 00-0006	LF		5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	9.14	1.72
			<i>For Clear Birch, Add</i>	1.14	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	2.16	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.64	
			<i>For Clear Poplar, Add</i>	0.71	
06 46 19 00-0007	LF		3/4" x 1" Oak Base Shoe	5.97	1.93
06 46 19 00-0008	LF		3/4" x 1" White Pine Base Shoe, Stain Grade.....	5.79	1.93
06 46 19 00-0009	LF		3/4" x 1" White Pine Base Shoe, Paint Grade.....	5.39	1.93

06 46 23 Wood Chair Rails (06 46)

06 46 23 00-0001 Chair Rails (06 46 23)

06 46 23 00-0002	LF		5/8" x 2-1/2" White Pine Shaped Chair Rail.....	7.34	1.82
			<i>For Birch, Add</i>	1.05	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.89	
			<i>For Poplar, Add</i>	0.66	
06 46 23 00-0003	LF		5/8" x 3-1/2" White Pine Shaped Chair Rail.....	9.00	1.82
			<i>For Birch, Add</i>	1.58	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.63	
			<i>For Poplar, Add</i>	0.99	
06 46 23 00-0004	LF		1/2" x 1-5/8" White Pine Shaped Chair Rail.....	5.45	1.82
			<i>For Birch, Add</i>	0.77	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.39	
			<i>For Poplar, Add</i>	0.48	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 46 26 Wood Cornices (06 46)

06 46 26 00-0001	Wood Cornices (06 46 26)		
06 46 26 00-0002	LF 1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	5.55	1.82
	<i>For Birch, Add</i>	0.54	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.08	
	<i>For Poplar, Add</i>	0.68	
06 46 26 00-0003	LF 1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	6.93	1.93
	<i>For Birch, Add</i>	0.98	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.64	
	<i>For Poplar, Add</i>	1.22	
06 46 26 00-0004	LF 1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	9.56	2.03
	<i>For Birch, Add</i>	1.86	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.76	
	<i>For Poplar, Add</i>	2.32	
06 46 26 00-0005	LF 1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	11.01	2.03
	<i>For Birch, Add</i>	2.31	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	3.34	
	<i>For Poplar, Add</i>	2.88	
06 46 26 00-0006	LF 1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	12.69	2.13
	<i>For Birch, Add</i>	2.83	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	4.02	
	<i>For Poplar, Add</i>	3.54	
06 46 26 00-0007	LF 1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	16.26	2.33
	<i>For Birch, Add</i>	4.03	
	<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	5.55	
	<i>For Poplar, Add</i>	5.04	

06 46 29 Wood Fasciae And Soffits (06 46)

06 46 29 00-0001	Fascia Board (06 46 29)		
06 46 29 00-0002	Pine Fascia Board (06 46 29 00-0001)		
06 46 29 00-0003	LF 1" x 6" Pine Fascia Board	4.73	2.03
06 46 29 00-0004	LF 1" x 8" Pine Fascia Board	5.40	2.25
06 46 29 00-0005	LF 1" x 10" Pine Fascia Board	5.84	2.36
06 46 29 00-0006	LF 1" x 12" Pine Fascia Board	6.86	2.64
06 46 29 00-0007	LF 2" x 6" Pine Fascia Board	4.67	2.03
06 46 29 00-0008	LF 2" x 8" Pine Fascia Board	5.33	2.25
06 46 29 00-0009	LF 2" x 10" Pine Fascia Board	5.94	2.36
06 46 29 00-0010	LF 2" x 12" Pine Fascia Board	7.16	2.64
06 46 29 00-0011	Cedar Fascia Board (06 46 29 00-0001)		
06 46 29 00-0012	LF 1" x 6" Cedar Fascia Board.....	5.05	2.03
06 46 29 00-0013	LF 1" x 8" Cedar Fascia Board.....	5.90	2.25
06 46 29 00-0014	LF 1" x 10" Cedar Fascia Board.....	6.81	2.36
06 46 29 00-0015	LF 1" x 12" Cedar Fascia Board.....	8.22	2.64
06 46 29 00-0016	Engineered Wood Fascia Board (06 46 29 00-0001)		
06 46 29 00-0017	LF 1" x 6" Engineered Wood Fascia Board.....	4.54	2.03
06 46 29 00-0018	LF 1" x 8" Engineered Wood Fascia Board.....	5.15	2.25
06 46 29 00-0019	LF 1" x 12" Engineered Wood Fascia Board.....	6.27	2.64
06 46 29 00-0020	Soffit (06 46 29)		
06 46 29 00-0021	Sanded Plywood Soffit (06 46 29 00-0020)		
06 46 29 00-0022	SF 3/8" Thick, Sanded Plywood Soffit.....	3.91	1.53
06 46 29 00-0023	SF 1/2" Thick, Sanded Plywood Soffit.....	4.25	1.61
06 46 29 00-0024	SF 5/8" Thick, Sanded Plywood Soffit.....	4.48	1.68
06 46 29 00-0025	SF 3/4" Thick, Sanded Plywood Soffit.....	4.91	1.77
06 46 29 00-0026	MDO Plywood Soffit (06 46 29 00-0020)		
06 46 29 00-0027	SF 3/8" Thick, MDO Plywood Soffit.....	4.30	1.53
06 46 29 00-0028	SF 1/2" Thick, MDO Plywood Soffit.....	4.75	1.61
06 46 29 00-0029	SF 3/4" Thick, MDO Plywood Soffit.....	5.87	1.77
06 46 29 00-0030	Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0020)		
06 46 29 00-0031	SF 1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	3.12	1.34
06 46 29 00-0032	SF 5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.36	1.41

06 46 36 Custom Wood Molding (06 46)

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001	Basswood (06 46 36)		
06 46 36 00-0002	LF 3/4" x 1-1/2" Custom Shaped Basswood	5.82	1.12
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0003	LF 3/4" x 2-1/2" Custom Shaped Basswood	7.05	1.12
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0004	LF	3/4"	3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.29 0.87	1.12
06 46 36 00-0005	LF	3/4"	4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.52 0.90	1.22
06 46 36 00-0006	LF	3/4"	5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.88 0.95	1.22
06 46 36 00-0007	LF	3/4"	6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.22 1.00	1.32
06 46 36 00-0008	LF	3/4"	7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.44 1.03	1.32
06 46 36 00-0009	LF	3/4"	8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.70 1.06	1.42
06 46 36 00-0010	LF	3/4"	9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.89 1.07	1.42
06 46 36 00-0011	LF	3/4"	10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.26 1.13	1.52
06 46 36 00-0012	LF	3/4"	11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.54 1.17	1.52
06 46 36 00-0013	LF	1"	1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.60 0.84	1.12
06 46 36 00-0014	LF	1"	2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.15 0.87	1.12
06 46 36 00-0015	LF	1"	3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.71 0.90	1.22
06 46 36 00-0016	LF	1"	4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.27 0.92	1.22
06 46 36 00-0017	LF	1"	5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.98 0.98	1.32
06 46 36 00-0018	LF	1"	6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.64 1.03	1.32
06 46 36 00-0019	LF	1"	7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.20 1.05	1.42
06 46 36 00-0020	LF	1"	8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.77 1.08	1.42
06 46 36 00-0021	LF	1"	9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.32 1.09	1.42
06 46 36 00-0022	LF	1"	10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.01 1.15	1.52
06 46 36 00-0023	LF	1"	11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.62 1.19	1.52
06 46 36 00-0024	LF	1-1/2"	1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.90 0.87	1.12
06 46 36 00-0025	LF	1-1/2"	2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.58 0.89	1.12
06 46 36 00-0026	LF	1-1/2"	3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.26 0.92	1.22
06 46 36 00-0027	LF	1-1/2"	4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.94 0.95	1.22
06 46 36 00-0028	LF	1-1/2"	5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.74 1.00	1.32
06 46 36 00-0029	LF	1-1/2"	6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.53 1.05	1.42
06 46 36 00-0030	LF	1-1/2"	7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.20 1.07	1.42
06 46 36 00-0031	LF	1-1/2"	8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.90 1.10	1.42
06 46 36 00-0032	LF	1-1/2"	9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.52 1.12	1.42
06 46 36 00-0033	LF	1-1/2"	10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.35 1.18	1.52
06 46 36 00-0034	LF	1-1/2"	11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.07 1.21	1.62
06 46 36 00-0035	LF	3-1/2"	3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.87 1.00	1.32
06 46 36 00-0036	LF	3-1/2"	4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.44 1.05	1.32
06 46 36 00-0037	LF	3-1/2"	5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.93 1.07	1.42
06 46 36 00-0038	LF	3-1/2"	6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.61 1.14	1.52
06 46 36 00-0039	LF	3-1/2"	7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.08 1.16	1.52
06 46 36 00-0040	LF	3-1/2"	8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	71.75 1.21	1.62
06 46 36 00-0041	LF	3-1/2"	9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	79.15 1.24	1.62
06 46 36 00-0042	LF	3-1/2"	10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	86.63 1.26	1.62
06 46 36 00-0043	LF	3-1/2"	11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	94.31 1.33	1.72
06 46 36 00-0044			Clear Western Cedar (06 46 36)		
06 46 36 00-0045	LF	3/4"	1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.22 0.82	1.12
06 46 36 00-0046	LF	3/4"	2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.65 0.85	1.12
06 46 36 00-0047	LF	3/4"	3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.09 0.87	1.12

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0048	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.53 0.90	1.22
06 46 36 00-0049	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.08 0.95	1.22
06 46 36 00-0050	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.62 1.00	1.32
06 46 36 00-0051	LF	1" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.28 0.84	1.12
06 46 36 00-0052	LF	1" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.19 0.87	1.12
06 46 36 00-0053	LF	1" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.12 0.90	1.22
06 46 36 00-0054	LF	1" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.03 0.92	1.22
06 46 36 00-0055	LF	1" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.07 0.98	1.32
06 46 36 00-0056	LF	1" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.09 1.03	1.32
06 46 36 00-0057	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.38 0.87	1.12
06 46 36 00-0058	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.30 0.89	1.12
06 46 36 00-0059	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.23 0.92	1.22
06 46 36 00-0060	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.14 0.95	1.22
06 46 36 00-0061	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.18 1.00	1.32
06 46 36 00-0062	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.22 1.05	1.32
06 46 36 00-0063	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.64 0.89	1.12
06 46 36 00-0064	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.65 0.92	1.22
06 46 36 00-0065	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.65 0.94	1.22
06 46 36 00-0066	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.65 0.97	1.32
06 46 36 00-0067	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.66 1.00	1.32
06 46 36 00-0068	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.88 1.07	1.42
06 46 36 00-0069	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	30.02 1.00	1.32
06 46 36 00-0070	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.63 1.05	1.32
06 46 36 00-0071	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	43.15 1.07	1.42
06 46 36 00-0072	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	49.87 1.14	1.52
06 46 36 00-0073	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	56.38 1.16	1.52
06 46 36 00-0074	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	63.01 1.21	1.62
06 46 36 00-0075	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	69.53 1.24	1.62
06 46 36 00-0076	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	76.04 1.26	1.62
06 46 36 00-0077	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	82.77 1.33	1.72

06 46 36 00-0078 Cherry (06 46 36)

06 46 36 00-0079	LF	3/4" x 1-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.50 0.82	1.12
06 46 36 00-0080	LF	3/4" x 2-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.57 0.85	1.12
06 46 36 00-0081	LF	3/4" x 3-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.66 0.87	1.12
06 46 36 00-0082	LF	3/4" x 4-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.73 0.90	1.22
06 46 36 00-0083	LF	3/4" x 5-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.93 0.95	1.22
06 46 36 00-0084	LF	3/4" x 6-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.11 1.00	1.32
06 46 36 00-0085	LF	3/4" x 7-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.18 1.03	1.32
06 46 36 00-0086	LF	3/4" x 8-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.28 1.06	1.32
06 46 36 00-0087	LF	3/4" x 9-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.31 1.07	1.42
06 46 36 00-0088	LF	3/4" x 10-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.52 1.13	1.42
06 46 36 00-0089	LF	3/4" x 11-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.65 1.17	1.52
06 46 36 00-0090	LF	1" x 1-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	8.88 0.84	1.12
06 46 36 00-0091	LF	1" x 2-1/2" Custom Shaped Cherry For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.60 0.87	1.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0092	LF		1" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.33 0.90	1.22
06 46 36 00-0093	LF		1" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.04 0.92	1.22
06 46 36 00-0094	LF		1" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.88 0.98	1.32
06 46 36 00-0095	LF		1" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.70 1.03	1.32
06 46 36 00-0096	LF		1" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.42 1.05	1.32
06 46 36 00-0097	LF		1" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.20 1.08	1.42
06 46 36 00-0098	LF		1" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.82 1.09	1.42
06 46 36 00-0099	LF		1" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.68 1.15	1.52
06 46 36 00-0100	LF		1" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.46 1.19	1.52
06 46 36 00-0101	LF		1-1/4" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.39 0.87	1.12
06 46 36 00-0102	LF		1-1/4" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.82 0.89	1.12
06 46 36 00-0103	LF		1-1/4" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.23 0.92	1.22
06 46 36 00-0104	LF		1-1/4" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.67 0.95	1.22
06 46 36 00-0105	LF		1-1/4" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.19 1.00	1.32
06 46 36 00-0106	LF		1-1/4" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.75 1.05	1.32
06 46 36 00-0107	LF		1-1/4" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.13 1.07	1.42
06 46 36 00-0108	LF		1-1/4" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.59 1.10	1.42
06 46 36 00-0109	LF		1-1/4" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.94 1.12	1.42
06 46 36 00-0110	LF		1-1/4" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.53 1.18	1.52
06 46 36 00-0111	LF		1-1/4" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.98 1.21	1.62
06 46 36 00-0112	LF		1-1/2" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.17 0.89	1.12
06 46 36 00-0113	LF		1-1/2" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.94 0.92	1.22
06 46 36 00-0114	LF		1-1/2" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.71 0.94	1.22
06 46 36 00-0115	LF		1-1/2" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.47 0.97	1.32
06 46 36 00-0116	LF		1-1/2" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.25 1.00	1.32
06 46 36 00-0117	LF		1-1/2" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.23 1.07	1.42
06 46 36 00-0118	LF		1-1/2" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.98 1.10	1.42
06 46 36 00-0119	LF		1-1/2" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.77 1.13	1.42
06 46 36 00-0120	LF		1-1/2" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.47 1.14	1.52
06 46 36 00-0121	LF		1-1/2" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.46 1.20	1.52
06 46 36 00-0122	LF		1-1/2" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	61.20 1.24	1.62
06 46 36 00-0123			Cypress <small>(06 46 36)</small>		
06 46 36 00-0124	LF		3/4" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.82 0.82	1.12
06 46 36 00-0125	LF		3/4" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.05 0.85	1.12
06 46 36 00-0126	LF		3/4" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.29 0.87	1.12
06 46 36 00-0127	LF		3/4" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.52 0.90	1.22
06 46 36 00-0128	LF		3/4" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.88 0.95	1.22
06 46 36 00-0129	LF		3/4" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.22 1.00	1.32
06 46 36 00-0130	LF		3/4" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.76 1.03	1.32
06 46 36 00-0131	LF		3/4" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.07 1.06	1.32
06 46 36 00-0132	LF		3/4" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.49 1.07	1.42
06 46 36 00-0133	LF		3/4" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.02 1.13	1.42
06 46 36 00-0134	LF		1" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.60 0.84	1.12
06 46 36 00-0135	LF		1" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.63 0.87	1.12

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
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06 46 36 00-0136	LF	1" x 3-1/2" Custom Shaped Cypress.....	11.72	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0137	LF	1" x 4-1/2" Custom Shaped Cypress.....	13.79	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0138	LF	1" x 5-1/2" Custom Shaped Cypress.....	15.99	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0139	LF	1" x 6-1/2" Custom Shaped Cypress.....	18.13	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0140	LF	1" x 7-1/2" Custom Shaped Cypress.....	20.21	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0141	LF	1" x 8-1/2" Custom Shaped Cypress.....	22.30	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0142	LF	1" x 9-1/2" Custom Shaped Cypress.....	24.33	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0143	LF	1" x 10-1/2" Custom Shaped Cypress.....	26.58	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0144	LF	1" x 11-1/2" Custom Shaped Cypress.....	28.64	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.19	
06 46 36 00-0145	LF	1-1/2" x 1-1/2" Custom Shaped Cypress.....	8.84	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0146	LF	1-1/2" x 2-1/2" Custom Shaped Cypress.....	11.45	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0147	LF	1-1/2" x 3-1/2" Custom Shaped Cypress.....	14.04	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0148	LF	1-1/2" x 4-1/2" Custom Shaped Cypress.....	16.64	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0149	LF	1-1/2" x 5-1/2" Custom Shaped Cypress.....	19.26	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0150	LF	1-1/2" x 6-1/2" Custom Shaped Cypress.....	22.07	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0151	LF	1-1/2" x 7-1/2" Custom Shaped Cypress.....	24.66	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0152	LF	1-1/2" x 8-1/2" Custom Shaped Cypress.....	27.28	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0153	LF	1-1/2" x 9-1/2" Custom Shaped Cypress.....	32.23	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.14	
06 46 36 00-0154	LF	1-1/2" x 10-1/2" Custom Shaped Cypress.....	35.13	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.20	

06 46 36 00-0155 Honduran Mahogany (06 46 36)

06 46 36 00-0156	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany.....	7.98	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0157	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany.....	10.30	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.85	
06 46 36 00-0158	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany.....	12.62	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0159	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany.....	14.94	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0160	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany.....	17.37	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0161	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany.....	19.80	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0162	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany.....	22.10	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0163	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany.....	24.45	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0164	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany.....	26.71	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0165	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany.....	29.17	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0166	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany.....	31.53	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.17	
06 46 36 00-0167	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany.....	9.60	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0168	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany.....	12.64	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0169	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany.....	15.73	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0170	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany.....	18.81	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0171	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany.....	22.00	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0172	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany.....	25.15	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0173	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany.....	28.23	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0174	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany.....	31.32	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0175	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany.....	34.35	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0176	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany.....	37.53	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0177	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany.....	41.07	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.19	
06 46 36 00-0178	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany.....	10.87	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0179	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany.....	14.55	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0180	LF		1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.19 0.92	1.22
06 46 36 00-0181	LF		1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.87 0.95	1.22
06 46 36 00-0182	LF		1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.63 1.00	1.32
06 46 36 00-0183	LF		1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.43 1.05	1.42
06 46 36 00-0184	LF		1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.06 1.07	1.42
06 46 36 00-0185	LF		1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.76 1.10	1.42
06 46 36 00-0186	LF		1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.54 1.12	1.42
06 46 36 00-0187	LF		1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.17 1.18	1.52
06 46 36 00-0188	LF		1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.86 1.21	1.62
06 46 36 00-0189	LF		1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.33 0.89	1.12
06 46 36 00-0190	LF		1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.18 0.92	1.22
06 46 36 00-0191	LF		1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.03 0.94	1.22
06 46 36 00-0192	LF		1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.87 0.97	1.22
06 46 36 00-0193	LF		1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.73 1.00	1.32
06 46 36 00-0194	LF		1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.79 1.07	1.42
06 46 36 00-0195	LF		1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.62 1.10	1.42
06 46 36 00-0196	LF		1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.49 1.13	1.52
06 46 36 00-0197	LF		1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.27 1.14	1.52
06 46 36 00-0198	LF		1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.27 1.20	1.52
06 46 36 00-0199	LF		1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.24 1.24	1.62
06 46 36 00-0200	LF		2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.78 0.91	1.22
06 46 36 00-0201	LF		2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.82 0.93	1.22
06 46 36 00-0202	LF		2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.82 0.96	1.22
06 46 36 00-0203	LF		2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.94 1.00	1.32
06 46 36 00-0204	LF		2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.95 1.03	1.32
06 46 36 00-0205	LF		2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.18 1.09	1.42
06 46 36 00-0206	LF		2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.17 1.12	1.42
06 46 36 00-0207	LF		2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	58.31 1.16	1.52
06 46 36 00-0208	LF		2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.31 1.19	1.52
06 46 36 00-0209	LF		2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.35 1.21	1.62
06 46 36 00-0210	LF		2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.55 1.28	1.72
06 46 36 00-0211	LF		2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.29 0.93	1.22
06 46 36 00-0212	LF		2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.81 0.96	1.22
06 46 36 00-0213	LF		2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.13 0.98	1.32
06 46 36 00-0214	LF		2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.54 1.02	1.32
06 46 36 00-0215	LF		2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.86 1.05	1.32
06 46 36 00-0216	LF		2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.38 1.12	1.42
06 46 36 00-0217	LF		2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.70 1.14	1.52
06 46 36 00-0218	LF		2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.13 1.19	1.52
06 46 36 00-0219	LF		2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	77.45 1.21	1.62
06 46 36 00-0220	LF		2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	84.76 1.24	1.62
06 46 36 00-0221	LF		2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	92.29 1.31	1.72
06 46 36 00-0222	LF		3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.78 1.00	1.32
06 46 36 00-0223	LF		3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.07 1.05	1.32

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0224	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	65.29 1.07	1.42
06 46 36 00-0225	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	75.69 1.14	1.52
06 46 36 00-0226	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	85.90 1.16	1.52
06 46 36 00-0227	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	96.21 1.21	1.62
06 46 36 00-0228	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	106.41 1.24	1.62
06 46 36 00-0229	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	116.62 1.26	1.62
06 46 36 00-0230	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	127.03 1.33	1.72

06 46 36 00-0231 Appl Soft Maple (06 46 36)

06 46 36 00-0232	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	6.22	1.12
06 46 36 00-0233	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	7.65	1.12
06 46 36 00-0234	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	9.09	1.12
06 46 36 00-0235	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	10.53	1.22
06 46 36 00-0236	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	12.08	1.22
06 46 36 00-0237	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	13.62	1.32
06 46 36 00-0238	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	15.05	1.32
06 46 36 00-0239	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	16.51	1.32
06 46 36 00-0240	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	17.89	1.42
06 46 36 00-0241	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	19.47	1.52
06 46 36 00-0242	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	20.95	1.52
06 46 36 00-0243	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	7.00	1.12
06 46 36 00-0244	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	8.75	1.12
06 46 36 00-0245	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	10.52	1.22
06 46 36 00-0246	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	12.23	1.22
06 46 36 00-0247	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	14.18	1.32
06 46 36 00-0248	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	16.05	1.32
06 46 36 00-0249	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	17.80	1.32
06 46 36 00-0250	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	19.58	1.42
06 46 36 00-0251	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	21.32	1.42
06 46 36 00-0252	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	23.21	1.52
06 46 36 00-0253	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	25.03	1.52
06 46 36 00-0254	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.74	1.12
06 46 36 00-0255	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	9.85	1.12
06 46 36 00-0256	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	11.94	1.22
06 46 36 00-0257	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	14.05	1.22
06 46 36 00-0258	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	16.25	1.32
06 46 36 00-0259	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	18.48	1.32
06 46 36 00-0260	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	20.55	1.42
06 46 36 00-0261	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	22.68	1.42
06 46 36 00-0262	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	24.71	1.42
06 46 36 00-0263	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	26.97	1.52
06 46 36 00-0264	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	29.10	1.62
06 46 36 00-0265	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	9.16	1.12
06 46 36 00-0266	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	11.93	1.22
06 46 36 00-0267	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	14.69	1.22
06 46 36 00-0268	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	17.44	1.32
06 46 36 00-0269	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	20.22	1.32
06 46 36 00-0270	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	23.19	1.42
06 46 36 00-0271	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	25.94	1.42
06 46 36 00-0272	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	28.73	1.52
06 46 36 00-0273	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	31.42	1.52
06 46 36 00-0274	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	34.33	1.62
06 46 36 00-0275	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	37.14	1.62

06 46 36 00-0276 Clear Yellow Pine (06 46 36)

06 46 36 00-0277	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	5.17	1.12
06 46 36 00-0278	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	6.09	1.12
06 46 36 00-0279	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	7.01	1.12
06 46 36 00-0280	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	7.92	1.22
06 46 36 00-0281	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	8.95	1.22
06 46 36 00-0282	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	9.97	1.32
06 46 36 00-0283	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	10.88	1.32
06 46 36 00-0284	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	11.82	1.32
06 46 36 00-0285	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	5.88	1.12
06 46 36 00-0286	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	7.11	1.12
06 46 36 00-0287	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	8.31	1.22
06 46 36 00-0288	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	9.54	1.22
06 46 36 00-0289	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	10.86	1.32
06 46 36 00-0290	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	12.20	1.32
06 46 36 00-0291	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	13.79	1.32
06 46 36 00-0292	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	15.09	1.42
06 46 36 00-0293	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	6.76	1.12
06 46 36 00-0294	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	8.32	1.22
06 46 36 00-0295	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	9.87	1.22
06 46 36 00-0296	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	11.43	1.32
06 46 36 00-0297	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	13.00	1.32
06 46 36 00-0298	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	14.77	1.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 46 36 00-0299	LF		1-1/2" x 7-1/2" Custom Shaped "C" Y Pine.....	16.32	1.42
06 46 36 00-0300	LF		1-1/2" x 8-1/2" Custom Shaped "C" Y Pine.....	17.90	1.52
06 46 36 00-0301	LF		1-1/2" x 9-1/2" Custom Shaped "C" Y Pine.....	20.60	1.52
06 46 36 00-0302	LF		1-1/2" x 10-1/2" Custom Shaped "C" Y Pine.....	21.26	1.62

06 46 36 00-0303 Poplar (06 46 36)

06 46 36 00-0304	LF		3/4" x 1-1/2" Custom Shaped Poplar	5.41	1.12
06 46 36 00-0305	LF		3/4" x 2-1/2" Custom Shaped Poplar	6.45	1.12
06 46 36 00-0306	LF		3/4" x 3-1/2" Custom Shaped Poplar	7.49	1.12
06 46 36 00-0307	LF		3/4" x 4-1/2" Custom Shaped Poplar	8.52	1.22
06 46 36 00-0308	LF		3/4" x 5-1/2" Custom Shaped Poplar	9.67	1.22
06 46 36 00-0309	LF		3/4" x 6-1/2" Custom Shaped Poplar	10.82	1.32
06 46 36 00-0310	LF		3/4" x 7-1/2" Custom Shaped Poplar	11.84	1.32
06 46 36 00-0311	LF		3/4" x 8-1/2" Custom Shaped Poplar	12.90	1.32
06 46 36 00-0312	LF		3/4" x 9-1/2" Custom Shaped Poplar	13.88	1.42
06 46 36 00-0313	LF		3/4" x 10-1/2" Custom Shaped Poplar	15.05	1.52
06 46 36 00-0314	LF		3/4" x 11-1/2" Custom Shaped Poplar	16.22	1.52
06 46 36 00-0315	LF		1" x 1-1/2" Custom Shaped Poplar	6.20	1.12
06 46 36 00-0316	LF		1" x 2-1/2" Custom Shaped Poplar	7.55	1.12
06 46 36 00-0317	LF		1" x 3-1/2" Custom Shaped Poplar	8.91	1.22
06 46 36 00-0318	LF		1" x 4-1/2" Custom Shaped Poplar	10.27	1.22
06 46 36 00-0319	LF		1" x 5-1/2" Custom Shaped Poplar	11.78	1.32
06 46 36 00-0320	LF		1" x 6-1/2" Custom Shaped Poplar	13.24	1.32
06 46 36 00-0321	LF		1" x 7-1/2" Custom Shaped Poplar	14.59	1.32
06 46 36 00-0322	LF		1" x 8-1/2" Custom Shaped Poplar	15.97	1.42
06 46 36 00-0323	LF		1" x 9-1/2" Custom Shaped Poplar	17.31	1.42
06 46 36 00-0324	LF		1" x 10-1/2" Custom Shaped Poplar	18.80	1.52
06 46 36 00-0325	LF		1" x 11-1/2" Custom Shaped Poplar	20.22	1.52
06 46 36 00-0326	LF		1-1/4" x 1-1/2" Custom Shaped Poplar	6.90	1.12
06 46 36 00-0327	LF		1-1/4" x 2-1/2" Custom Shaped Poplar	8.57	1.12
06 46 36 00-0328	LF		1-1/4" x 3-1/2" Custom Shaped Poplar	10.26	1.22
06 46 36 00-0329	LF		1-1/4" x 4-1/2" Custom Shaped Poplar	11.93	1.22
06 46 36 00-0330	LF		1-1/4" x 5-1/2" Custom Shaped Poplar	13.72	1.32
06 46 36 00-0331	LF		1-1/4" x 6-1/2" Custom Shaped Poplar	15.52	1.32
06 46 36 00-0332	LF		1-1/4" x 7-1/2" Custom Shaped Poplar	17.18	1.42
06 46 36 00-0333	LF		1-1/4" x 8-1/2" Custom Shaped Poplar	18.87	1.42
06 46 36 00-0334	LF		1-1/4" x 9-1/2" Custom Shaped Poplar	20.50	1.42
06 46 36 00-0335	LF		1-1/4" x 10-1/2" Custom Shaped Poplar	22.32	1.52
06 46 36 00-0336	LF		1-1/4" x 11-1/2" Custom Shaped Poplar	24.05	1.62
06 46 36 00-0337	LF		1-1/2" x 1-1/2" Custom Shaped Poplar	8.52	1.12
06 46 36 00-0338	LF		1-1/2" x 2-1/2" Custom Shaped Poplar	10.97	1.22
06 46 36 00-0339	LF		1-1/2" x 3-1/2" Custom Shaped Poplar	13.40	1.22
06 46 36 00-0340	LF		1-1/2" x 4-1/2" Custom Shaped Poplar	15.84	1.32
06 46 36 00-0341	LF		1-1/2" x 5-1/2" Custom Shaped Poplar	18.29	1.32
06 46 36 00-0342	LF		1-1/2" x 6-1/2" Custom Shaped Poplar	20.95	1.42
06 46 36 00-0343	LF		1-1/2" x 7-1/2" Custom Shaped Poplar	23.38	1.42
06 46 36 00-0344	LF		1-1/2" x 8-1/2" Custom Shaped Poplar	25.84	1.52
06 46 36 00-0345	LF		1-1/2" x 9-1/2" Custom Shaped Poplar	28.22	1.52
06 46 36 00-0346	LF		1-1/2" x 10-1/2" Custom Shaped Poplar	30.80	1.62
06 46 36 00-0347	LF		1-1/2" x 11-1/2" Custom Shaped Poplar	33.29	1.62
06 46 36 00-0348	LF		2" x 1-1/2" Custom Shaped Poplar	10.97	1.22
06 46 36 00-0349	LF		2" x 2-1/2" Custom Shaped Poplar	14.61	1.22
06 46 36 00-0350	LF		2" x 3-1/2" Custom Shaped Poplar	18.19	1.22
06 46 36 00-0351	LF		2" x 4-1/2" Custom Shaped Poplar	21.91	1.32
06 46 36 00-0352	LF		2" x 5-1/2" Custom Shaped Poplar	25.51	1.32
06 46 36 00-0353	LF		2" x 6-1/2" Custom Shaped Poplar	29.34	1.42
06 46 36 00-0354	LF		2" x 7-1/2" Custom Shaped Poplar	32.93	1.42
06 46 36 00-0355	LF		2" x 8-1/2" Custom Shaped Poplar	36.66	1.52
06 46 36 00-0356	LF		2" x 9-1/2" Custom Shaped Poplar	40.26	1.52
06 46 36 00-0357	LF		2" x 10-1/2" Custom Shaped Poplar	43.88	1.62
06 46 36 00-0358	LF		2" x 11-1/2" Custom Shaped Poplar	47.68	1.72
06 46 36 00-0359	LF		2-1/2" x 1-1/2" Custom Shaped Poplar	13.43	1.22
06 46 36 00-0360	LF		2-1/2" x 2-1/2" Custom Shaped Poplar	18.23	1.22
06 46 36 00-0361	LF		2-1/2" x 3-1/2" Custom Shaped Poplar	23.03	1.32
06 46 36 00-0362	LF		2-1/2" x 4-1/2" Custom Shaped Poplar	27.91	1.32
06 46 36 00-0363	LF		2-1/2" x 5-1/2" Custom Shaped Poplar	32.71	1.32
06 46 36 00-0364	LF		2-1/2" x 6-1/2" Custom Shaped Poplar	37.70	1.42
06 46 36 00-0365	LF		2-1/2" x 7-1/2" Custom Shaped Poplar	42.49	1.52
06 46 36 00-0366	LF		2-1/2" x 8-1/2" Custom Shaped Poplar	47.39	1.52
06 46 36 00-0367	LF		2-1/2" x 9-1/2" Custom Shaped Poplar	52.18	1.62
06 46 36 00-0368	LF		2-1/2" x 10-1/2" Custom Shaped Poplar	56.98	1.62
06 46 36 00-0369	LF		2-1/2" x 11-1/2" Custom Shaped Poplar	61.98	1.72
06 46 36 00-0370	LF		3-1/2" x 3-1/2" Custom Shaped Poplar	31.31	1.32
06 46 36 00-0371	LF		3-1/2" x 4-1/2" Custom Shaped Poplar	38.23	1.32
06 46 36 00-0372	LF		3-1/2" x 5-1/2" Custom Shaped Poplar	45.08	1.42
06 46 36 00-0373	LF		3-1/2" x 6-1/2" Custom Shaped Poplar	52.19	1.52
06 46 36 00-0374	LF		3-1/2" x 7-1/2" Custom Shaped Poplar	58.95	1.52
06 46 36 00-0375	LF		3-1/2" x 8-1/2" Custom Shaped Poplar	65.90	1.62
06 46 36 00-0376	LF		3-1/2" x 9-1/2" Custom Shaped Poplar	72.73	1.62
06 46 36 00-0377	LF		3-1/2" x 10-1/2" Custom Shaped Poplar	79.57	1.62
06 46 36 00-0378	LF		3-1/2" x 11-1/2" Custom Shaped Poplar	86.62	1.72

06 46 36 00-0379 Teak (06 46 36)

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0380	LF	3/4" x 1-1/2" Custom Shaped Teak.....	17.28	1.12
06 46 36 00-0381	LF	3/4" x 2-1/2" Custom Shaped Teak.....	24.25	1.12
06 46 36 00-0382	LF	3/4" x 3-1/2" Custom Shaped Teak.....	31.23	1.12
06 46 36 00-0383	LF	3/4" x 4-1/2" Custom Shaped Teak.....	38.19	1.22
06 46 36 00-0384	LF	3/4" x 5-1/2" Custom Shaped Teak.....	45.28	1.22
06 46 36 00-0385	LF	3/4" x 6-1/2" Custom Shaped Teak.....	52.36	1.32
06 46 36 00-0386	LF	3/4" x 7-1/2" Custom Shaped Teak.....	59.31	1.32
06 46 36 00-0387	LF	3/4" x 8-1/2" Custom Shaped Teak.....	66.31	1.32
06 46 36 00-0388	LF	3/4" x 9-1/2" Custom Shaped Teak.....	73.23	1.42
06 46 36 00-0389	LF	3/4" x 10-1/2" Custom Shaped Teak.....	80.33	1.52
06 46 36 00-0390	LF	3/4" x 11-1/2" Custom Shaped Teak.....	87.35	1.52
06 46 36 00-0391	LF	1-1/2" x 1-1/2" Custom Shaped Teak.....	39.32	1.12
06 46 36 00-0392	LF	1-1/2" x 2-1/2" Custom Shaped Teak.....	45.13	1.22
06 46 36 00-0393	LF	1-1/2" x 3-1/2" Custom Shaped Teak.....	58.95	1.22
06 46 36 00-0394	LF	1-1/2" x 4-1/2" Custom Shaped Teak.....	72.78	1.32
06 46 36 00-0395	LF	1-1/2" x 5-1/2" Custom Shaped Teak.....	86.62	1.32
06 46 36 00-0396	LF	1-1/2" x 6-1/2" Custom Shaped Teak.....	100.26	1.42
06 46 36 00-0397	LF	1-1/2" x 7-1/2" Custom Shaped Teak.....	114.48	1.42
06 46 36 00-0398	LF	1-1/2" x 8-1/2" Custom Shaped Teak.....	128.33	1.52
06 46 36 00-0399	LF	1-1/2" x 9-1/2" Custom Shaped Teak.....	142.09	1.52
06 46 36 00-0400	LF	1-1/2" x 10-1/2" Custom Shaped Teak.....	156.07	1.62
06 46 36 00-0401	LF	1-1/2" x 11-1/2" Custom Shaped Teak.....	169.94	1.62

06 46 36 00-0402 Ash (06 46 36)

06 46 36 00-0403	LF	3/4" x 1-1/2" Custom Shaped Ash.....	6.94	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.82</i>	
06 46 36 00-0404	LF	3/4" x 2-1/2" Custom Shaped Ash.....	8.73	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.85</i>	
06 46 36 00-0405	LF	3/4" x 3-1/2" Custom Shaped Ash.....	10.54	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.87</i>	
06 46 36 00-0406	LF	3/4" x 4-1/2" Custom Shaped Ash.....	12.33	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.90</i>	
06 46 36 00-0407	LF	3/4" x 5-1/2" Custom Shaped Ash.....	14.24	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.95</i>	
06 46 36 00-0408	LF	3/4" x 6-1/2" Custom Shaped Ash.....	16.15	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.00</i>	
06 46 36 00-0409	LF	3/4" x 7-1/2" Custom Shaped Ash.....	17.93	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.03</i>	
06 46 36 00-0410	LF	3/4" x 8-1/2" Custom Shaped Ash.....	19.76	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.06</i>	
06 46 36 00-0411	LF	3/4" x 9-1/2" Custom Shaped Ash.....	21.50	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.07</i>	
06 46 36 00-0412	LF	3/4" x 10-1/2" Custom Shaped Ash.....	23.43	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.13</i>	
06 46 36 00-0413	LF	3/4" x 11-1/2" Custom Shaped Ash.....	25.28	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.17</i>	
06 46 36 00-0414	LF	1" x 1-1/2" Custom Shaped Ash.....	8.20	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.84</i>	
06 46 36 00-0415	LF	1" x 2-1/2" Custom Shaped Ash.....	10.56	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.87</i>	
06 46 36 00-0416	LF	1" x 3-1/2" Custom Shaped Ash.....	12.92	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.90</i>	
06 46 36 00-0417	LF	1" x 4-1/2" Custom Shaped Ash.....	15.28	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.92</i>	
06 46 36 00-0418	LF	1" x 5-1/2" Custom Shaped Ash.....	17.79	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.98</i>	
06 46 36 00-0419	LF	1" x 6-1/2" Custom Shaped Ash.....	20.26	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.03</i>	
06 46 36 00-0420	LF	1" x 7-1/2" Custom Shaped Ash.....	22.61	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.05</i>	
06 46 36 00-0421	LF	1" x 8-1/2" Custom Shaped Ash.....	24.99	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.08</i>	
06 46 36 00-0422	LF	1" x 9-1/2" Custom Shaped Ash.....	27.33	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.09</i>	
06 46 36 00-0423	LF	1" x 10-1/2" Custom Shaped Ash.....	29.83	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.15</i>	
06 46 36 00-0424	LF	1" x 11-1/2" Custom Shaped Ash.....	32.25	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.19</i>	
06 46 36 00-0425	LF	1-1/4" x 1-1/2" Custom Shaped Ash.....	9.78	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.87</i>	
06 46 36 00-0426	LF	1-1/4" x 2-1/2" Custom Shaped Ash.....	12.90	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.89</i>	
06 46 36 00-0427	LF	1-1/4" x 3-1/2" Custom Shaped Ash.....	16.03	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.92</i>	
06 46 36 00-0428	LF	1-1/4" x 4-1/2" Custom Shaped Ash.....	19.15	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.95</i>	
06 46 36 00-0429	LF	1-1/4" x 5-1/2" Custom Shaped Ash.....	22.38	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.00</i>	
06 46 36 00-0430	LF	1-1/4" x 6-1/2" Custom Shaped Ash.....	25.62	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.05</i>	
06 46 36 00-0431	LF	1-1/4" x 7-1/2" Custom Shaped Ash.....	28.73	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.07</i>	
06 46 36 00-0432	LF	1-1/4" x 8-1/2" Custom Shaped Ash.....	31.87	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.10</i>	
06 46 36 00-0433	LF	1-1/4" x 9-1/2" Custom Shaped Ash.....	34.93	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>1.12</i>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0434	LF		1-1/4" x 10-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.20 1.18	1.52
06 46 36 00-0435	LF		1-1/4" x 11-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.37 1.21	1.62
06 46 36 00-0436	LF		1-1/2" x 1-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.05 0.89	1.12
06 46 36 00-0437	LF		1-1/2" x 2-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.26 0.92	1.22
06 46 36 00-0438	LF		1-1/2" x 3-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.46 0.94	1.22
06 46 36 00-0439	LF		1-1/2" x 4-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.66 0.97	1.32
06 46 36 00-0440	LF		1-1/2" x 5-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.88 1.00	1.32
06 46 36 00-0441	LF		1-1/2" x 6-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.30 1.07	1.42
06 46 36 00-0442	LF		1-1/2" x 7-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.57 1.10	1.42
06 46 36 00-0443	LF		1-1/2" x 8-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.72 1.13	1.42
06 46 36 00-0444	LF		1-1/2" x 9-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.86 1.14	1.52
06 46 36 00-0445	LF		1-1/2" x 10-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.61 1.20	1.52
06 46 36 00-0446	LF		1-1/2" x 11-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	54.46 1.24	1.62
06 46 36 00-0447 Birch <small>(06 46 36)</small>					
06 46 36 00-0448	LF		3/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.22 0.82	1.12
06 46 36 00-0449	LF		3/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.65 0.85	1.12
06 46 36 00-0450	LF		3/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.09 0.87	1.12
06 46 36 00-0451	LF		3/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.53 0.90	1.22
06 46 36 00-0452	LF		3/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.08 0.95	1.22
06 46 36 00-0453	LF		3/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.62 1.00	1.32
06 46 36 00-0454	LF		3/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.05 1.03	1.32
06 46 36 00-0455	LF		3/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.51 1.06	1.32
06 46 36 00-0456	LF		3/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.89 1.07	1.42
06 46 36 00-0457	LF		3/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.47 1.13	1.42
06 46 36 00-0458	LF		3/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.95 1.17	1.52
06 46 36 00-0459	LF		1" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.20 0.84	1.12
06 46 36 00-0460	LF		1" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.03 0.87	1.12
06 46 36 00-0461	LF		1" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.92 0.90	1.22
06 46 36 00-0462	LF		1" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.79 0.92	1.22
06 46 36 00-0463	LF		1" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.79 0.98	1.32
06 46 36 00-0464	LF		1" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.73 1.03	1.32
06 46 36 00-0465	LF		1" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.60 1.05	1.32
06 46 36 00-0466	LF		1" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.50 1.08	1.42
06 46 36 00-0467	LF		1" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.32 1.09	1.42
06 46 36 00-0468	LF		1" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.30 1.15	1.52
06 46 36 00-0469	LF		1" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.23 1.19	1.52
06 46 36 00-0470	LF		1-1/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.34 0.87	1.12
06 46 36 00-0471	LF		1-1/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.74 0.89	1.12
06 46 36 00-0472	LF		1-1/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.14 0.92	1.22
06 46 36 00-0473	LF		1-1/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.54 0.95	1.22
06 46 36 00-0474	LF		1-1/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.05 1.00	1.32
06 46 36 00-0475	LF		1-1/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.57 1.05	1.32
06 46 36 00-0476	LF		1-1/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.95 1.07	1.42
06 46 36 00-0477	LF		1-1/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.37 1.10	1.42

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0478	LF	1-1/4" x 9-1/2" Custom Shaped Birch	27.72	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0479	LF	1-1/4" x 10-1/2" Custom Shaped Birch	30.26	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0480	LF	1-1/4" x 11-1/2" Custom Shaped Birch	32.71	1.62
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0481	LF	1-1/2" x 1-1/2" Custom Shaped Birch	10.13	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0482	LF	1-1/2" x 2-1/2" Custom Shaped Birch	13.37	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0483	LF	1-1/2" x 3-1/2" Custom Shaped Birch	16.61	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0484	LF	1-1/2" x 4-1/2" Custom Shaped Birch	19.85	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0485	LF	1-1/2" x 5-1/2" Custom Shaped Birch	23.11	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0486	LF	1-1/2" x 6-1/2" Custom Shaped Birch	26.56	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0487	LF	1-1/2" x 7-1/2" Custom Shaped Birch	29.79	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0488	LF	1-1/2" x 8-1/2" Custom Shaped Birch	33.06	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0489	LF	1-1/2" x 9-1/2" Custom Shaped Birch	36.24	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.14	
06 46 36 00-0490	LF	1-1/2" x 10-1/2" Custom Shaped Birch	40.02	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.20	
06 46 36 00-0491	LF	1-1/2" x 11-1/2" Custom Shaped Birch	42.91	1.62
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	
06 46 36 00-0492	Fir	<small>(06 46 36)</small>		
06 46 36 00-0493	LF	3/4" x 1-1/2" Custom Shaped Fir	6.46	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0494	LF	3/4" x 2-1/2" Custom Shaped Fir	8.01	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.85	
06 46 36 00-0495	LF	3/4" x 3-1/2" Custom Shaped Fir	9.57	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0496	LF	3/4" x 4-1/2" Custom Shaped Fir	11.13	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0497	LF	3/4" x 5-1/2" Custom Shaped Fir	12.80	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0498	LF	3/4" x 6-1/2" Custom Shaped Fir	14.46	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0499	LF	3/4" x 7-1/2" Custom Shaped Fir	16.01	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0500	LF	3/4" x 8-1/2" Custom Shaped Fir	17.59	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0501	LF	3/4" x 9-1/2" Custom Shaped Fir	19.10	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0502	LF	3/4" x 10-1/2" Custom Shaped Fir	20.79	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0503	LF	1" x 1-1/2" Custom Shaped Fir	7.60	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0504	LF	1" x 2-1/2" Custom Shaped Fir	9.63	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0505	LF	1" x 3-1/2" Custom Shaped Fir	11.72	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0506	LF	1" x 4-1/2" Custom Shaped Fir	13.79	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0507	LF	1" x 5-1/2" Custom Shaped Fir	15.99	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0508	LF	1" x 6-1/2" Custom Shaped Fir	18.13	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0509	LF	1" x 7-1/2" Custom Shaped Fir	20.21	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0510	LF	1" x 8-1/2" Custom Shaped Fir	22.30	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0511	LF	1" x 9-1/2" Custom Shaped Fir	24.33	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0512	LF	1" x 10-1/2" Custom Shaped Fir	26.58	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0513	LF	1" x 11-1/2" Custom Shaped Fir	28.64	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.19	
06 46 36 00-0514	LF	1-1/4" x 1-1/2" Custom Shaped Fir	8.46	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0515	LF	1-1/4" x 2-1/2" Custom Shaped Fir	10.94	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0516	LF	1-1/4" x 3-1/2" Custom Shaped Fir	13.38	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0517	LF	1-1/4" x 4-1/2" Custom Shaped Fir	15.86	1.22
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0518	LF	1-1/4" x 5-1/2" Custom Shaped Fir	18.41	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0519	LF	1-1/4" x 6-1/2" Custom Shaped Fir	21.01	1.32
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0520	LF	1-1/4" x 7-1/2" Custom Shaped Fir	23.44	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0521	LF	1-1/4" x 8-1/2" Custom Shaped Fir	25.93	1.42
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0522	LF		1-1/4" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.32 1.12	1.42
06 46 36 00-0523	LF		1-1/4" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.94 1.18	1.52
06 46 36 00-0524	LF		1-1/4" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.43 1.21	1.62
06 46 36 00-0525	LF		1-1/2" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.64 0.89	1.12
06 46 36 00-0526	LF		1-1/2" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.65 0.92	1.22
06 46 36 00-0527	LF		1-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.65 0.94	1.22
06 46 36 00-0528	LF		1-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.65 0.97	1.32
06 46 36 00-0529	LF		1-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.66 1.00	1.32
06 46 36 00-0530	LF		1-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.88 1.07	1.42
06 46 36 00-0531	LF		1-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.87 1.10	1.42
06 46 36 00-0532	LF		1-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.89 1.13	1.52
06 46 36 00-0533	LF		1-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.83 1.14	1.52
06 46 36 00-0534	LF		1-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.98 1.20	1.62
06 46 36 00-0535	LF		1-1/2" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.02 1.24	1.62
06 46 36 00-0536	LF		2-1/2" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.60 0.93	1.22
06 46 36 00-0537	LF		2-1/2" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.48 0.96	1.22
06 46 36 00-0538	LF		2-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.36 0.98	1.32
06 46 36 00-0539	LF		2-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.32 1.02	1.32
06 46 36 00-0540	LF		2-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.20 1.05	1.32
06 46 36 00-0541	LF		2-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.28 1.12	1.42
06 46 36 00-0542	LF		2-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.15 1.14	1.52
06 46 36 00-0543	LF		2-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.22 1.19	1.52
06 46 36 00-0544	LF		2-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	63.01 1.21	1.62
06 46 36 00-0545	LF		2-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	68.88 1.24	1.62
06 46 36 00-0546	LF		3-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.95 1.00	1.32
06 46 36 00-0547	LF		3-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.44 1.05	1.32
06 46 36 00-0548	LF		3-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.93 1.07	1.42
06 46 36 00-0549	LF		3-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.61 1.14	1.52
06 46 36 00-0550	LF		3-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.08 1.16	1.52
06 46 36 00-0551	LF		3-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	71.67 1.21	1.62
06 46 36 00-0552	LF		3-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	79.15 1.24	1.62
06 46 36 00-0553	LF		3-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	86.63 1.26	1.62
06 46 36 00-0554 Maple (06 46 36)					
06 46 36 00-0555	LF		3/4" x 1-1/2" Custom Shaped Maple.....	6.14	1.12
06 46 36 00-0556	LF		3/4" x 2-1/2" Custom Shaped Maple.....	7.53	1.12
06 46 36 00-0557	LF		3/4" x 3-1/2" Custom Shaped Maple.....	8.93	1.12
06 46 36 00-0558	LF		3/4" x 4-1/2" Custom Shaped Maple.....	10.33	1.22
06 46 36 00-0559	LF		3/4" x 5-1/2" Custom Shaped Maple.....	11.84	1.22
06 46 36 00-0560	LF		3/4" x 6-1/2" Custom Shaped Maple.....	13.34	1.32
06 46 36 00-0561	LF		3/4" x 7-1/2" Custom Shaped Maple.....	14.72	1.32
06 46 36 00-0562	LF		3/4" x 8-1/2" Custom Shaped Maple.....	16.15	1.32
06 46 36 00-0563	LF		3/4" x 9-1/2" Custom Shaped Maple.....	17.49	1.42
06 46 36 00-0564	LF		3/4" x 10-1/2" Custom Shaped Maple.....	19.02	1.52
06 46 36 00-0565	LF		3/4" x 11-1/2" Custom Shaped Maple.....	20.47	1.52
06 46 36 00-0566	LF		1" x 1-1/2" Custom Shaped Maple.....	7.20	1.12
06 46 36 00-0567	LF		1" x 2-1/2" Custom Shaped Maple.....	9.03	1.12
06 46 36 00-0568	LF		1" x 3-1/2" Custom Shaped Maple.....	10.92	1.22
06 46 36 00-0569	LF		1" x 4-1/2" Custom Shaped Maple.....	12.79	1.22
06 46 36 00-0570	LF		1" x 5-1/2" Custom Shaped Maple.....	14.79	1.32
06 46 36 00-0571	LF		1" x 6-1/2" Custom Shaped Maple.....	16.73	1.32
06 46 36 00-0572	LF		1" x 7-1/2" Custom Shaped Maple.....	18.60	1.32
06 46 36 00-0573	LF		1" x 8-1/2" Custom Shaped Maple.....	20.50	1.42
06 46 36 00-0574	LF		1" x 9-1/2" Custom Shaped Maple.....	22.32	1.42
06 46 36 00-0575	LF		1" x 10-1/2" Custom Shaped Maple.....	23.49	1.52

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0576	LF		1" x 11-1/2" Custom Shaped Maple.....	26.23	1.52
06 46 36 00-0577	LF		1-1/4" x 1-1/2" Custom Shaped Maple.....	8.10	1.12
06 46 36 00-0578	LF		1-1/4" x 2-1/2" Custom Shaped Maple.....	10.38	1.12
06 46 36 00-0579	LF		1-1/4" x 3-1/2" Custom Shaped Maple.....	12.66	1.22
06 46 36 00-0580	LF		1-1/4" x 4-1/2" Custom Shaped Maple.....	14.94	1.22
06 46 36 00-0581	LF		1-1/4" x 5-1/2" Custom Shaped Maple.....	17.33	1.32
06 46 36 00-0582	LF		1-1/4" x 6-1/2" Custom Shaped Maple.....	19.73	1.32
06 46 36 00-0583	LF		1-1/4" x 7-1/2" Custom Shaped Maple.....	21.99	1.42
06 46 36 00-0584	LF		1-1/4" x 8-1/2" Custom Shaped Maple.....	24.29	1.42
06 46 36 00-0585	LF		1-1/4" x 9-1/2" Custom Shaped Maple.....	26.51	1.42
06 46 36 00-0586	LF		1-1/4" x 10-1/2" Custom Shaped Maple.....	28.94	1.52
06 46 36 00-0587	LF		1-1/4" x 11-1/2" Custom Shaped Maple.....	31.26	1.62
06 46 36 00-0588	LF		1-1/2" x 1-1/2" Custom Shaped Maple.....	9.96	1.12
06 46 36 00-0589	LF		1-1/2" x 2-1/2" Custom Shaped Maple.....	13.13	1.22
06 46 36 00-0590	LF		1-1/2" x 3-1/2" Custom Shaped Maple.....	16.29	1.22
06 46 36 00-0591	LF		1-1/2" x 4-1/2" Custom Shaped Maple.....	19.45	1.32
06 46 36 00-0592	LF		1-1/2" x 5-1/2" Custom Shaped Maple.....	22.62	1.32
06 46 36 00-0593	LF		1-1/2" x 6-1/2" Custom Shaped Maple.....	26.00	1.42
06 46 36 00-0594	LF		1-1/2" x 7-1/2" Custom Shaped Maple.....	29.15	1.42
06 46 36 00-0595	LF		1-1/2" x 8-1/2" Custom Shaped Maple.....	32.74	1.52
06 46 36 00-0596	LF		1-1/2" x 9-1/2" Custom Shaped Maple.....	35.43	1.52
06 46 36 00-0597	LF		1-1/2" x 10-1/2" Custom Shaped Maple.....	38.82	1.62
06 46 36 00-0598	LF		1-1/2" x 11-1/2" Custom Shaped Maple.....	41.95	1.62
06 46 36 00-0599	LF		2" x 1-1/2" Custom Shaped Maple.....	12.97	1.22
06 46 36 00-0600	LF		2" x 2-1/2" Custom Shaped Maple.....	17.61	1.22
06 46 36 00-0601	LF		2" x 3-1/2" Custom Shaped Maple.....	22.20	1.22
06 46 36 00-0602	LF		2" x 4-1/2" Custom Shaped Maple.....	26.92	1.32
06 46 36 00-0603	LF		2" x 5-1/2" Custom Shaped Maple.....	31.53	1.32
06 46 36 00-0604	LF		2" x 6-1/2" Custom Shaped Maple.....	36.36	1.42
06 46 36 00-0605	LF		2" x 7-1/2" Custom Shaped Maple.....	40.95	1.42
06 46 36 00-0606	LF		2" x 8-1/2" Custom Shaped Maple.....	45.68	1.52
06 46 36 00-0607	LF		2" x 9-1/2" Custom Shaped Maple.....	50.28	1.52
06 46 36 00-0608	LF		2" x 10-1/2" Custom Shaped Maple.....	54.91	1.62
06 46 36 00-0609	LF		2" x 11-1/2" Custom Shaped Maple.....	60.11	1.72
06 46 36 00-0610	LF		3-1/2" x 3-1/2" Custom Shaped Maple.....	47.99	1.32
06 46 36 00-0611	LF		3-1/2" x 4-1/2" Custom Shaped Maple.....	59.08	1.32
06 46 36 00-0612	LF		3-1/2" x 5-1/2" Custom Shaped Maple.....	70.10	1.42
06 46 36 00-0613	LF		3-1/2" x 6-1/2" Custom Shaped Maple.....	81.31	1.52
06 46 36 00-0614	LF		3-1/2" x 7-1/2" Custom Shaped Maple.....	92.31	1.52
06 46 36 00-0615	LF		3-1/2" x 8-1/2" Custom Shaped Maple.....	103.43	1.62
06 46 36 00-0616	LF		3-1/2" x 9-1/2" Custom Shaped Maple.....	114.43	1.62
06 46 36 00-0617	LF		3-1/2" x 10-1/2" Custom Shaped Maple.....	125.44	1.62
06 46 36 00-0618	LF		3-1/2" x 11-1/2" Custom Shaped Maple.....	136.66	1.72
06 46 36 00-0619 Red Oak <small>(06 46 36)</small>					
06 46 36 00-0620	LF		3/4" x 1-1/2" Custom Shaped Red Oak.....	6.62	1.12
06 46 36 00-0621	LF		3/4" x 2-1/2" Custom Shaped Red Oak.....	8.25	1.12
06 46 36 00-0622	LF		3/4" x 3-1/2" Custom Shaped Red Oak.....	9.89	1.12
06 46 36 00-0623	LF		3/4" x 4-1/2" Custom Shaped Red Oak.....	11.53	1.22
06 46 36 00-0624	LF		3/4" x 5-1/2" Custom Shaped Red Oak.....	13.28	1.22
06 46 36 00-0625	LF		3/4" x 6-1/2" Custom Shaped Red Oak.....	15.03	1.32
06 46 36 00-0626	LF		3/4" x 7-1/2" Custom Shaped Red Oak.....	16.65	1.32
06 46 36 00-0627	LF		3/4" x 8-1/2" Custom Shaped Red Oak.....	18.31	1.32
06 46 36 00-0628	LF		3/4" x 9-1/2" Custom Shaped Red Oak.....	19.90	1.42
06 46 36 00-0629	LF		3/4" x 10-1/2" Custom Shaped Red Oak.....	21.67	1.52
06 46 36 00-0630	LF		3/4" x 11-1/2" Custom Shaped Red Oak.....	23.35	1.52
06 46 36 00-0631	LF		1" x 1-1/2" Custom Shaped Red Oak.....	7.88	1.12
06 46 36 00-0632	LF		1" x 2-1/2" Custom Shaped Red Oak.....	10.12	1.12
06 46 36 00-0633	LF		1" x 3-1/2" Custom Shaped Red Oak.....	12.32	1.22
06 46 36 00-0634	LF		1" x 4-1/2" Custom Shaped Red Oak.....	15.36	1.22
06 46 36 00-0635	LF		1" x 5-1/2" Custom Shaped Red Oak.....	16.87	1.32
06 46 36 00-0636	LF		1" x 6-1/2" Custom Shaped Red Oak.....	19.22	1.32
06 46 36 00-0637	LF		1" x 7-1/2" Custom Shaped Red Oak.....	21.41	1.32
06 46 36 00-0638	LF		1" x 8-1/2" Custom Shaped Red Oak.....	23.63	1.42
06 46 36 00-0639	LF		1" x 9-1/2" Custom Shaped Red Oak.....	25.81	1.42
06 46 36 00-0640	LF		1" x 10-1/2" Custom Shaped Red Oak.....	28.19	1.52
06 46 36 00-0641	LF		1" x 11-1/2" Custom Shaped Red Oak.....	30.44	1.52
06 46 36 00-0642	LF		1-1/4" x 1-1/2" Custom Shaped Red Oak.....	9.66	1.12
06 46 36 00-0643	LF		1-1/4" x 2-1/2" Custom Shaped Red Oak.....	12.74	1.12
06 46 36 00-0644	LF		1-1/4" x 3-1/2" Custom Shaped Red Oak.....	15.79	1.22
06 46 36 00-0645	LF		1-1/4" x 4-1/2" Custom Shaped Red Oak.....	18.87	1.22
06 46 36 00-0646	LF		1-1/4" x 5-1/2" Custom Shaped Red Oak.....	22.02	1.32
06 46 36 00-0647	LF		1-1/4" x 6-1/2" Custom Shaped Red Oak.....	25.22	1.32
06 46 36 00-0648	LF		1-1/4" x 7-1/2" Custom Shaped Red Oak.....	28.25	1.42
06 46 36 00-0649	LF		1-1/4" x 8-1/2" Custom Shaped Red Oak.....	31.34	1.42
06 46 36 00-0650	LF		1-1/4" x 9-1/2" Custom Shaped Red Oak.....	34.33	1.42
06 46 36 00-0651	LF		1-1/4" x 10-1/2" Custom Shaped Red Oak.....	37.56	1.52
06 46 36 00-0652	LF		1-1/4" x 11-1/2" Custom Shaped Red Oak.....	40.65	1.62
06 46 36 00-0653	LF		1-1/2" x 1-1/2" Custom Shaped Red Oak.....	13.33	1.12
06 46 36 00-0654	LF		1-1/2" x 2-1/2" Custom Shaped Red Oak.....	18.18	1.22
06 46 36 00-0655	LF		1-1/2" x 3-1/2" Custom Shaped Red Oak.....	23.03	1.22
06 46 36 00-0656	LF		1-1/2" x 4-1/2" Custom Shaped Red Oak.....	27.87	1.22
06 46 36 00-0657	LF		1-1/2" x 5-1/2" Custom Shaped Red Oak.....	32.73	1.32
06 46 36 00-0658	LF		1-1/2" x 6-1/2" Custom Shaped Red Oak.....	37.87	1.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0659	LF		1-1/2" x 7-1/2" Custom Shaped Red Oak	42.62	1.42
06 46 36 00-0660	LF		1-1/2" x 8-1/2" Custom Shaped Red Oak	48.30	1.52
06 46 36 00-0661	LF		1-1/2" x 9-1/2" Custom Shaped Red Oak	52.27	1.52
06 46 36 00-0662	LF		1-1/2" x 10-1/2" Custom Shaped Red Oak	57.27	1.52
06 46 36 00-0663	LF		1-1/2" x 11-1/2" Custom Shaped Red Oak	62.16	1.62
06 46 36 00-0664	LF		2" x 1-1/2" Custom Shaped Red Oak	20.19	1.22
06 46 36 00-0665	LF		2" x 2-1/2" Custom Shaped Red Oak	28.44	1.22
06 46 36 00-0666	LF		2" x 3-1/2" Custom Shaped Red Oak	36.64	1.22
06 46 36 00-0667	LF		2" x 4-1/2" Custom Shaped Red Oak	44.97	1.32
06 46 36 00-0668	LF		2" x 5-1/2" Custom Shaped Red Oak	53.18	1.32
06 46 36 00-0669	LF		2" x 6-1/2" Custom Shaped Red Oak	61.62	1.42
06 46 36 00-0670	LF		2" x 7-1/2" Custom Shaped Red Oak	69.82	1.42
06 46 36 00-0671	LF		2" x 8-1/2" Custom Shaped Red Oak	78.16	1.52
06 46 36 00-0672	LF		2" x 9-1/2" Custom Shaped Red Oak	86.37	1.52
06 46 36 00-0673	LF		2" x 10-1/2" Custom Shaped Red Oak	94.61	1.62
06 46 36 00-0674	LF		2" x 11-1/2" Custom Shaped Red Oak	103.02	1.72
06 46 36 00-0675 White Oak (06 46 36)					
06 46 36 00-0676	LF		3/4" x 1-1/2" Custom Shaped White Oak	6.70	1.12
06 46 36 00-0677	LF		3/4" x 2-1/2" Custom Shaped White Oak	8.37	1.12
06 46 36 00-0678	LF		3/4" x 3-1/2" Custom Shaped White Oak	10.06	1.12
06 46 36 00-0679	LF		3/4" x 4-1/2" Custom Shaped White Oak	11.73	1.22
06 46 36 00-0680	LF		3/4" x 5-1/2" Custom Shaped White Oak	13.52	1.22
06 46 36 00-0681	LF		3/4" x 6-1/2" Custom Shaped White Oak	15.31	1.32
06 46 36 00-0682	LF		3/4" x 7-1/2" Custom Shaped White Oak	16.97	1.32
06 46 36 00-0683	LF		3/4" x 8-1/2" Custom Shaped White Oak	18.67	1.32
06 46 36 00-0684	LF		3/4" x 9-1/2" Custom Shaped White Oak	20.30	1.42
06 46 36 00-0685	LF		3/4" x 10-1/2" Custom Shaped White Oak	22.11	1.52
06 46 36 00-0686	LF		3/4" x 11-1/2" Custom Shaped White Oak	23.84	1.52
06 46 36 00-0687	LF		1" x 1-1/2" Custom Shaped White Oak	7.88	1.12
06 46 36 00-0688	LF		1" x 2-1/2" Custom Shaped White Oak	10.12	1.12
06 46 36 00-0689	LF		1" x 3-1/2" Custom Shaped White Oak	12.32	1.22
06 46 36 00-0690	LF		1" x 4-1/2" Custom Shaped White Oak	15.36	1.22
06 46 36 00-0691	LF		1" x 5-1/2" Custom Shaped White Oak	16.87	1.32
06 46 36 00-0692	LF		1" x 6-1/2" Custom Shaped White Oak	19.22	1.32
06 46 36 00-0693	LF		1" x 7-1/2" Custom Shaped White Oak	21.41	1.32
06 46 36 00-0694	LF		1" x 8-1/2" Custom Shaped White Oak	23.63	1.42
06 46 36 00-0695	LF		1" x 9-1/2" Custom Shaped White Oak	25.81	1.42
06 46 36 00-0696	LF		1" x 10-1/2" Custom Shaped White Oak	28.19	1.52
06 46 36 00-0697	LF		1" x 11-1/2" Custom Shaped White Oak	30.44	1.52
06 46 36 00-0698	LF		1-1/4" x 1-1/2" Custom Shaped White Oak	9.78	1.12
06 46 36 00-0699	LF		1-1/4" x 2-1/2" Custom Shaped White Oak	12.90	1.12
06 46 36 00-0700	LF		1-1/4" x 3-1/2" Custom Shaped White Oak	16.03	1.22
06 46 36 00-0701	LF		1-1/4" x 4-1/2" Custom Shaped White Oak	19.15	1.22
06 46 36 00-0702	LF		1-1/4" x 5-1/2" Custom Shaped White Oak	22.38	1.32
06 46 36 00-0703	LF		1-1/4" x 6-1/2" Custom Shaped White Oak	25.62	1.32
06 46 36 00-0704	LF		1-1/4" x 7-1/2" Custom Shaped White Oak	28.73	1.42
06 46 36 00-0705	LF		1-1/4" x 8-1/2" Custom Shaped White Oak	31.87	1.42
06 46 36 00-0706	LF		1-1/4" x 9-1/2" Custom Shaped White Oak	34.93	1.42
06 46 36 00-0707	LF		1-1/4" x 10-1/2" Custom Shaped White Oak	38.20	1.52
06 46 36 00-0708	LF		1-1/4" x 11-1/2" Custom Shaped White Oak	41.37	1.62
06 46 36 00-0709	LF		1-1/2" x 1-1/2" Custom Shaped White Oak	15.74	1.12
06 46 36 00-0710	LF		1-1/2" x 2-1/2" Custom Shaped White Oak	21.79	1.22
06 46 36 00-0711	LF		1-1/2" x 3-1/2" Custom Shaped White Oak	27.84	1.22
06 46 36 00-0712	LF		1-1/2" x 4-1/2" Custom Shaped White Oak	33.88	1.32
06 46 36 00-0713	LF		1-1/2" x 5-1/2" Custom Shaped White Oak	39.95	1.32
06 46 36 00-0714	LF		1-1/2" x 6-1/2" Custom Shaped White Oak	46.21	1.42
06 46 36 00-0715	LF		1-1/2" x 7-1/2" Custom Shaped White Oak	52.25	1.42
06 46 36 00-0716	LF		1-1/2" x 8-1/2" Custom Shaped White Oak	58.32	1.52
06 46 36 00-0717	LF		1-1/2" x 9-1/2" Custom Shaped White Oak	63.50	1.52
06 46 36 00-0718	LF		1-1/2" x 10-1/2" Custom Shaped White Oak	70.50	1.62
06 46 36 00-0719	LF		1-1/2" x 11-1/2" Custom Shaped White Oak	76.59	1.62
06 46 36 00-0720 White Pine (06 46 36)					
06 46 36 00-0721	LF		3/4" x 1-1/2" Custom Shaped White Pine	7.42	1.12
06 46 36 00-0722	LF		3/4" x 2-1/2" Custom Shaped White Pine	9.45	1.12
06 46 36 00-0723	LF		3/4" x 3-1/2" Custom Shaped White Pine	11.50	1.12
06 46 36 00-0724	LF		3/4" x 4-1/2" Custom Shaped White Pine	13.53	1.22
06 46 36 00-0725	LF		3/4" x 5-1/2" Custom Shaped White Pine	15.69	1.22
06 46 36 00-0726	LF		3/4" x 6-1/2" Custom Shaped White Pine	17.83	1.32
06 46 36 00-0727	LF		3/4" x 7-1/2" Custom Shaped White Pine	19.86	1.32
06 46 36 00-0728	LF		3/4" x 8-1/2" Custom Shaped White Pine	21.92	1.32
06 46 36 00-0729	LF		3/4" x 9-1/2" Custom Shaped White Pine	25.11	1.42
06 46 36 00-0730	LF		3/4" x 10-1/2" Custom Shaped White Pine	27.40	1.52
06 46 36 00-0731	LF		1" x 1-1/2" Custom Shaped White Pine	8.28	1.12
06 46 36 00-0732	LF		1" x 2-1/2" Custom Shaped White Pine	10.72	1.12
06 46 36 00-0733	LF		1" x 3-1/2" Custom Shaped White Pine	13.12	1.22
06 46 36 00-0734	LF		1" x 4-1/2" Custom Shaped White Pine	15.56	1.22
06 46 36 00-0735	LF		1" x 5-1/2" Custom Shaped White Pine	18.07	1.32
06 46 36 00-0736	LF		1" x 6-1/2" Custom Shaped White Pine	20.62	1.32
06 46 36 00-0737	LF		1" x 7-1/2" Custom Shaped White Pine	23.01	1.32
06 46 36 00-0738	LF		1" x 8-1/2" Custom Shaped White Pine	25.47	1.42
06 46 36 00-0739	LF		1" x 9-1/2" Custom Shaped White Pine	27.82	1.42

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0740	LF	1" x 10-1/2" Custom Shaped White Pine	30.39	1.52
06 46 36 00-0741	LF	1" x 11-1/2" Custom Shaped White Pine	32.85	1.52
06 46 36 00-0742	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	9.30	1.12
06 46 36 00-0743	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	12.18	1.12
06 46 36 00-0744	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	15.15	1.22
06 46 36 00-0745	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	17.94	1.22
06 46 36 00-0746	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	20.94	1.32
06 46 36 00-0747	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	23.94	1.32
06 46 36 00-0748	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	26.80	1.42
06 46 36 00-0749	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	29.70	1.42
06 46 36 00-0750	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	32.53	1.42
06 46 36 00-0751	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	35.55	1.52
06 46 36 00-0752	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	38.48	1.62
06 46 36 00-0753	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	11.57	1.12
06 46 36 00-0754	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	15.54	1.22
06 46 36 00-0755	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	19.50	1.22
06 46 36 00-0756	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	23.46	1.32
06 46 36 00-0757	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	27.44	1.32
06 46 36 00-0758	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	31.62	1.42
06 46 36 00-0759	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	35.56	1.42
06 46 36 00-0760	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	39.55	1.52
06 46 36 00-0761	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	44.26	1.52
06 46 36 00-0762	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	47.56	1.62
06 46 36 00-0763	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	51.57	1.62
06 46 36 00-0764	LF	2" x 1-1/2" Custom Shaped White Pine	17.58	1.22
06 46 36 00-0765	LF	2" x 2-1/2" Custom Shaped White Pine	24.51	1.22
06 46 36 00-0766	LF	2" x 3-1/2" Custom Shaped White Pine	31.43	1.22
06 46 36 00-0767	LF	2" x 4-1/2" Custom Shaped White Pine	38.43	1.32
06 46 36 00-0768	LF	2" x 5-1/2" Custom Shaped White Pine	45.36	1.32
06 46 36 00-0769	LF	2" x 6-1/2" Custom Shaped White Pine	52.48	1.42
06 46 36 00-0770	LF	2" x 7-1/2" Custom Shaped White Pine	59.39	1.42
06 46 36 00-0771	LF	2" x 8-1/2" Custom Shaped White Pine	66.41	1.52
06 46 36 00-0772	LF	2" x 9-1/2" Custom Shaped White Pine	73.34	1.52
06 46 36 00-0773	LF	2" x 10-1/2" Custom Shaped White Pine	80.25	1.62
06 46 36 00-0774	LF	2" x 11-1/2" Custom Shaped White Pine	87.38	1.72
06 46 36 00-0775	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	20.89	1.22
06 46 36 00-0776	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	29.42	1.22
06 46 36 00-0777	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	37.94	1.32
06 46 36 00-0778	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	46.55	1.32
06 46 36 00-0779	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	55.08	1.32
06 46 36 00-0780	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	63.80	1.42
06 46 36 00-0781	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	72.32	1.52
06 46 36 00-0782	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	80.95	1.52
06 46 36 00-0783	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	89.47	1.62
06 46 36 00-0784	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	97.99	1.62
06 46 36 00-0785	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	106.72	1.72
06 46 36 00-0786	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	52.48	1.32
06 46 36 00-0787	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	64.70	1.32
06 46 36 00-0788	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	76.84	1.42
06 46 36 00-0789	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	89.16	1.52
06 46 36 00-0790	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	101.29	1.52
06 46 36 00-0791	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	113.53	1.62
06 46 36 00-0792	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	125.66	1.62
06 46 36 00-0793	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	137.79	1.62
06 46 36 00-0794	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	150.13	1.72

06 46 36 00-0795 Clear Heart Redwood (06 46 36)

06 46 36 00-0796	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	6.54	1.12
06 46 36 00-0797	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	8.13	1.12
06 46 36 00-0798	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	9.73	1.12
06 46 36 00-0799	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	11.33	1.22
06 46 36 00-0800	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	13.04	1.22
06 46 36 00-0801	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	14.75	1.32
06 46 36 00-0802	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	17.93	1.32
06 46 36 00-0803	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	19.76	1.32
06 46 36 00-0804	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	19.86	1.42
06 46 36 00-0805	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	21.23	1.52
06 46 36 00-0806	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	7.80	1.12
06 46 36 00-0807	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	9.96	1.12
06 46 36 00-0808	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	12.12	1.22
06 46 36 00-0809	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	14.27	1.22
06 46 36 00-0810	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	16.59	1.32
06 46 36 00-0811	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	18.85	1.32
06 46 36 00-0812	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	23.82	1.32
06 46 36 00-0813	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	26.35	1.42
06 46 36 00-0814	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	28.82	1.42
06 46 36 00-0815	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	31.47	1.52
06 46 36 00-0816	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	10.13	1.12
06 46 36 00-0817	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	13.37	1.22
06 46 36 00-0818	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	16.61	1.22
06 46 36 00-0819	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	19.85	1.32
06 46 36 00-0820	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	23.11	1.32
06 46 36 00-0821	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	26.64	1.42
06 46 36 00-0822	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	35.56	1.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0823	LF		1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	39.55	1.52
06 46 36 00-0824	LF		1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood.....	46.66	1.52
06 46 36 00-0825	LF		1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood.....	51.09	1.62
06 46 36 00-0826	LF		3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood.....	49.27	1.32
06 46 36 00-0827	LF		3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood.....	60.69	1.32
06 46 36 00-0828	LF		3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood.....	72.02	1.42
06 46 36 00-0829	LF		3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood.....	83.55	1.52
06 46 36 00-0830	LF		3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood.....	94.88	1.52
06 46 36 00-0831	LF		3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood.....	106.31	1.62
06 46 36 00-0832	LF		3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood.....	117.64	1.62
06 46 36 00-0833	LF		3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood.....	128.97	1.62
06 46 36 00-0834	LF		3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood.....	140.51	1.72

06 46 36 00-0835 Walnut (06 46 36)

06 46 36 00-0836	LF		3/4" x 1-1/2" Custom Shaped Walnut	9.66	1.12
06 46 36 00-0837	LF		3/4" x 2-1/2" Custom Shaped Walnut	12.82	1.12
06 46 36 00-0838	LF		3/4" x 3-1/2" Custom Shaped Walnut	15.99	1.12
06 46 36 00-0839	LF		3/4" x 4-1/2" Custom Shaped Walnut	19.15	1.22
06 46 36 00-0840	LF		3/4" x 5-1/2" Custom Shaped Walnut	22.42	1.22
06 46 36 00-0841	LF		3/4" x 6-1/2" Custom Shaped Walnut	25.69	1.32
06 46 36 00-0842	LF		3/4" x 7-1/2" Custom Shaped Walnut	28.84	1.32
06 46 36 00-0843	LF		3/4" x 8-1/2" Custom Shaped Walnut	32.03	1.32
06 46 36 00-0844	LF		3/4" x 9-1/2" Custom Shaped Walnut	35.13	1.42
06 46 36 00-0845	LF		3/4" x 10-1/2" Custom Shaped Walnut	38.43	1.52
06 46 36 00-0846	LF		3/4" x 11-1/2" Custom Shaped Walnut	41.64	1.52
06 46 36 00-0847	LF		1" x 1-1/2" Custom Shaped Walnut	11.49	1.12
06 46 36 00-0848	LF		1" x 2-1/2" Custom Shaped Walnut	15.53	1.12
06 46 36 00-0849	LF		1" x 3-1/2" Custom Shaped Walnut	19.54	1.22
06 46 36 00-0850	LF		1" x 4-1/2" Custom Shaped Walnut	23.58	1.22
06 46 36 00-0851	LF		1" x 5-1/2" Custom Shaped Walnut	27.70	1.32
06 46 36 00-0852	LF		1" x 6-1/2" Custom Shaped Walnut	31.85	1.32
06 46 36 00-0853	LF		1" x 7-1/2" Custom Shaped Walnut	35.85	1.32
06 46 36 00-0854	LF		1" x 8-1/2" Custom Shaped Walnut	39.91	1.42
06 46 36 00-0855	LF		1" x 9-1/2" Custom Shaped Walnut	43.85	1.42
06 46 36 00-0856	LF		1" x 10-1/2" Custom Shaped Walnut	48.03	1.52
06 46 36 00-0857	LF		1" x 11-1/2" Custom Shaped Walnut	52.09	1.52
06 46 36 00-0858	LF		1-1/4" x 1-1/2" Custom Shaped Walnut	13.99	1.12
06 46 36 00-0859	LF		1-1/4" x 2-1/2" Custom Shaped Walnut	19.24	1.12
06 46 36 00-0860	LF		1-1/4" x 3-1/2" Custom Shaped Walnut	24.45	1.22
06 46 36 00-0861	LF		1-1/4" x 4-1/2" Custom Shaped Walnut	29.69	1.22
06 46 36 00-0862	LF		1-1/4" x 5-1/2" Custom Shaped Walnut	35.01	1.32
06 46 36 00-0863	LF		1-1/4" x 6-1/2" Custom Shaped Walnut	40.38	1.32
06 46 36 00-0864	LF		1-1/4" x 7-1/2" Custom Shaped Walnut	45.57	1.42
06 46 36 00-0865	LF		1-1/4" x 8-1/2" Custom Shaped Walnut	50.83	1.42
06 46 36 00-0866	LF		1-1/4" x 9-1/2" Custom Shaped Walnut	55.98	1.42
06 46 36 00-0867	LF		1-1/4" x 10-1/2" Custom Shaped Walnut	61.38	1.52
06 46 36 00-0868	LF		1-1/4" x 11-1/2" Custom Shaped Walnut	66.63	1.62
06 46 36 00-0869	LF		1-1/2" x 1-1/2" Custom Shaped Walnut	18.79	1.12
06 46 36 00-0870	LF		1-1/2" x 2-1/2" Custom Shaped Walnut	26.36	1.22
06 46 36 00-0871	LF		1-1/2" x 3-1/2" Custom Shaped Walnut	33.93	1.22
06 46 36 00-0872	LF		1-1/2" x 4-1/2" Custom Shaped Walnut	41.50	1.32
06 46 36 00-0873	LF		1-1/2" x 5-1/2" Custom Shaped Walnut	49.09	1.32
06 46 36 00-0874	LF		1-1/2" x 6-1/2" Custom Shaped Walnut	56.88	1.42
06 46 36 00-0875	LF		1-1/2" x 7-1/2" Custom Shaped Walnut	64.43	1.42
06 46 36 00-0876	LF		1-1/2" x 8-1/2" Custom Shaped Walnut	72.03	1.52
06 46 36 00-0877	LF		1-1/2" x 9-1/2" Custom Shaped Walnut	80.34	1.52
06 46 36 00-0878	LF		1-1/2" x 10-1/2" Custom Shaped Walnut	87.26	1.62
06 46 36 00-0879	LF		1-1/2" x 11-1/2" Custom Shaped Walnut	94.88	1.62
06 46 36 00-0880	LF		2" x 1-1/2" Custom Shaped Walnut	31.22	1.22
06 46 36 00-0881	LF		2" x 2-1/2" Custom Shaped Walnut	44.96	1.22
06 46 36 00-0882	LF		2" x 3-1/2" Custom Shaped Walnut	58.69	1.22
06 46 36 00-0883	LF		2" x 4-1/2" Custom Shaped Walnut	72.52	1.32
06 46 36 00-0884	LF		2" x 5-1/2" Custom Shaped Walnut	86.26	1.32
06 46 36 00-0885	LF		2" x 6-1/2" Custom Shaped Walnut	100.19	1.42
06 46 36 00-0886	LF		2" x 7-1/2" Custom Shaped Walnut	113.92	1.42
06 46 36 00-0887	LF		2" x 8-1/2" Custom Shaped Walnut	127.76	1.52
06 46 36 00-0888	LF		2" x 9-1/2" Custom Shaped Walnut	141.50	1.52
06 46 36 00-0889	LF		2" x 10-1/2" Custom Shaped Walnut	155.23	1.62
06 46 36 00-0890	LF		2" x 11-1/2" Custom Shaped Walnut	169.18	1.72
06 46 36 00-0891	LF		2-1/2" x 1-1/2" Custom Shaped Walnut	38.93	1.22
06 46 36 00-0892	LF		2-1/2" x 2-1/2" Custom Shaped Walnut	56.49	1.22
06 46 36 00-0893	LF		2-1/2" x 3-1/2" Custom Shaped Walnut	74.03	1.32
06 46 36 00-0894	LF		2-1/2" x 4-1/2" Custom Shaped Walnut	91.66	1.32
06 46 36 00-0895	LF		2-1/2" x 5-1/2" Custom Shaped Walnut	109.21	1.32
06 46 36 00-0896	LF		2-1/2" x 6-1/2" Custom Shaped Walnut	126.96	1.42
06 46 36 00-0897	LF		2-1/2" x 7-1/2" Custom Shaped Walnut	144.50	1.52
06 46 36 00-0898	LF		2-1/2" x 8-1/2" Custom Shaped Walnut	162.15	1.52
06 46 36 00-0899	LF		2-1/2" x 9-1/2" Custom Shaped Walnut	179.69	1.62
06 46 36 00-0900	LF		2-1/2" x 10-1/2" Custom Shaped Walnut	197.24	1.62
06 46 36 00-0901	LF		2-1/2" x 11-1/2" Custom Shaped Walnut	214.99	1.72

06 48 Wood Frames (06 40)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 48 Wood Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 48 13 Exterior Wood Door Frames (06 48)**06 48 13 00-0001****Exterior Door Frames (06 48 13)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	275.33	57.46
		For Birch, Add	56.18	
		For Mahogany, Add	136.44	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	289.49	60.21
		For Birch, Add	59.36	
		For Mahogany, Add	144.16	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	303.67	62.56
		For Birch, Add	62.53	
		For Mahogany, Add	151.87	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	330.77	66.95
		For Birch, Add	68.88	
		For Mahogany, Add	167.28	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	358.48	71.75
		For Birch, Add	75.24	
		For Mahogany, Add	182.72	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	410.17	57.66
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	417.70	60.21
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	425.20	62.76
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	438.27	66.84
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	453.47	71.95
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	321.86	57.66
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	337.36	60.21
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	352.97	62.76
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	381.96	66.84
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	412.99	71.95

06 48 16 Interior Wood Door Frames (06 48)**06 48 16 00-0001****Interior Door Frames (06 48 16)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	137.75	27.36
		For Oak Or Maple, Add	25.75	
		For Birch, Add	29.08	
		For Mahogany, Add	70.62	
		For Walnut Frame, Add	37.39	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	138.71	27.46
		For Oak Or Maple, Add	25.97	
		For Birch, Add	29.32	
		For Mahogany, Add	71.21	
		For Walnut Frame, Add	37.70	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	140.42	27.96
		For Oak Or Maple, Add	26.17	
		For Birch, Add	29.54	
		For Mahogany, Add	71.75	
		For Walnut Frame, Add	37.98	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	142.65	28.68
		For Oak Or Maple, Add	26.42	
		For Birch, Add	29.83	
		For Mahogany, Add	72.45	
		For Walnut Frame, Add	38.36	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	145.93	29.39
		For Oak Or Maple, Add	26.99	
		For Birch, Add	30.47	
		For Mahogany, Add	73.99	
		For Walnut Frame, Add	39.17	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	154.16	31.23
		For Oak Or Maple, Add	28.41	
		For Birch, Add	32.08	
		For Mahogany, Add	77.90	
		For Walnut Frame, Add	41.24	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	163.88	33.78
		For Oak Or Maple, Add	29.84	
		For Birch, Add	33.69	
		For Mahogany, Add	81.83	
		For Walnut Frame, Add	43.32	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	172.63	35.92
		For Oak Or Maple, Add	31.27	
		For Birch, Add	35.30	
		For Mahogany, Add	85.74	
		For Walnut Frame, Add	45.39	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	6.42	2.45
		For Oak Or Maple, Add	0.47	
		For Birch, Add	0.53	
		For Mahogany, Add	1.29	
		For Walnut Frame, Add	0.68	

06 49 Wood Screens and Exterior Wood Shutters (06 40)**06 49 19 Exterior Wood Shutters (06 49)**

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics (06)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 51 Structural Plastic Shapes And Plates (06 50)
06 51 13 Plastic Lumber (06 51)
06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0002	LF		2" x 6", Beam Or Girder, Recycled Plastic Lumber.....	8.97	1.64
			<i>For Reinforced Structural Plastic Lumber, Add</i>	2.45	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.60	
			<i>For White Color, Add</i>	2.81	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.38	
06 51 13 00-0003	LF		2" x 8", Beam Or Girder, Recycled Plastic Lumber.....	11.35	1.78
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.26	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.79	
			<i>For White Color, Add</i>	3.74	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.17	
06 51 13 00-0004	LF		2" x 10", Beam Or Girder, Recycled Plastic Lumber.....	13.52	1.92
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.98	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.97	
			<i>For White Color, Add</i>	4.58	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.88	
06 51 13 00-0005	LF		3" x 10", Beam Or Girder, Recycled Plastic Lumber.....	19.59	2.29
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.04	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.47	
			<i>For White Color, Add</i>	6.94	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.88	
06 51 13 00-0006	LF		3" x 12", Beam Or Girder, Recycled Plastic Lumber.....	23.42	2.57
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.30	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.78	
			<i>For White Color, Add</i>	8.39	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.11	
06 51 13 00-0007	LF		4" x 4", Beam Or Girder, Recycled Plastic Lumber.....	12.88	2.22
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.60	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.87	
			<i>For White Color, Add</i>	4.13	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.50	
06 51 13 00-0008	LF		4" x 6", Beam Or Girder, Recycled Plastic Lumber.....	17.17	2.36
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.11	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.24	
			<i>For White Color, Add</i>	5.87	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.97	
06 51 13 00-0009	LF		5" x 5", Beam Or Girder, Recycled Plastic Lumber.....	17.86	2.43
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.30	
			<i>For White Color, Add</i>	6.12	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51 13 00-0010	LF		6" x 6", Beam Or Girder, Recycled Plastic Lumber.....	24.44	2.64
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.86	
			<i>For White Color, Add</i>	8.78	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.44	
06 51 13 00-0011	LF		6" x 8", Beam Or Girder, Recycled Plastic Lumber.....	33.09	2.79
			<i>For Reinforced Structural Plastic Lumber, Add</i>	10.77	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.62	
			<i>For White Color, Add</i>	12.37	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.48	

06 51 13 00-0012 Joists, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0013	LF		2" x 4", Joist, Recycled Plastic Lumber.....	5.79	0.92
			<i>For Reinforced Structural Plastic Lumber, Add</i>	1.65	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.40	
			<i>For White Color, Add</i>	1.90	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.61	
06 51 13 00-0014	LF		2" x 6", Joist, Recycled Plastic Lumber.....	7.95	0.97
			<i>For Reinforced Structural Plastic Lumber, Add</i>	2.45	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.60	
			<i>For White Color, Add</i>	2.81	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.38	
06 51 13 00-0015	LF		2" x 8", Joist, Recycled Plastic Lumber.....	10.33	1.07
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.26	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.79	
			<i>For White Color, Add</i>	3.74	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.17	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	12.60	1.29
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.98	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.97	
		<i>For White Color, Add</i>	4.58	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.88	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	18.47	1.50
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.04	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.47	
		<i>For White Color, Add</i>	6.94	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.88	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	22.49	1.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.30	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.78	
		<i>For White Color, Add</i>	8.39	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.11	
06 51 13 00-0019	LF	4" x 8", Joist, Recycled Plastic Lumber	11.65	1.36
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.60	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.87	
		<i>For White Color, Add</i>	4.13	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.50	
06 51 13 00-0020	LF	4" x 8", Joist, Recycled Plastic Lumber	15.85	1.43
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.11	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.24	
		<i>For White Color, Add</i>	5.87	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.97	
06 51 13 00-0021	LF	5" x 8", Joist, Recycled Plastic Lumber	16.64	1.57
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.30	
		<i>For White Color, Add</i>	6.12	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51 13 00-0022	LF	6" x 8", Joist, Recycled Plastic Lumber	23.21	1.78
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.86	
		<i>For White Color, Add</i>	8.78	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.44	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	31.85	1.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.77	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	2.62	
		<i>For White Color, Add</i>	12.37	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.48	
06 51 13 00-0024		Columns, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	13.90	2.93
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.60	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.87	
		<i>For White Color, Add</i>	4.13	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.50	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	19.71	4.14
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.11	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.24	
		<i>For White Color, Add</i>	5.87	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.97	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	21.02	4.64
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.30	
		<i>For White Color, Add</i>	6.12	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	28.21	5.29
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.86	
		<i>For White Color, Add</i>	8.78	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.44	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	38.39	6.50
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.77	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	2.62	
		<i>For White Color, Add</i>	12.37	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.48	
06 51 13 00-0030		Walls, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	5.23	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.44	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.35	
		<i>For White Color, Add</i>	1.66	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	.....	5.99	1.07
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.65	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.40	
		<i>For White Color, Add</i>		1.90	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.61	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	.....	8.25	1.14
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.45	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.60	
		<i>For White Color, Add</i>		2.81	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.38	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	.....	10.53	1.22
		<i>For Reinforced Structural Plastic Lumber, Add</i>		3.26	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.79	
		<i>For White Color, Add</i>		3.74	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		3.17	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber	<small>(06 51 13)</small>		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.09	0.82
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.42	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.35	
		<i>For White Color, Add</i>		1.63	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.38	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	.....	6.43	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.89	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.46	
		<i>For White Color, Add</i>		2.17	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.84	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	.....	8.33	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.59	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.63	
		<i>For White Color, Add</i>		2.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.52	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.12	0.82
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.43	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.35	
		<i>For White Color, Add</i>		1.64	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.39	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	.....	5.65	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.60	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.39	
		<i>For White Color, Add</i>		1.84	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.56	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	.....	5.75	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.40	
		<i>For White Color, Add</i>		1.88	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.59	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	.....	3.58	0.79
		<i>For Reinforced Structural Plastic Lumber, Add</i>		0.91	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.22	
		<i>For White Color, Add</i>		1.05	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		0.89	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	.....	5.23	0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.44	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.35	
		<i>For White Color, Add</i>		1.66	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.40	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.99	1.07
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.65	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.40	
		<i>For White Color, Add</i>		1.90	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.61	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	.....	8.25	1.14
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.45	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.60	
		<i>For White Color, Add</i>		2.81	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.38	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	.....	10.53	1.22
		<i>For Reinforced Structural Plastic Lumber, Add</i>		3.26	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.79	
		<i>For White Color, Add</i>		3.74	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		3.17	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51	13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	12.60	1.29
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.98	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.97	
			<i>For White Color, Add</i>	4.58	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.88	
06 51	13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	15.18	1.36
			<i>For Reinforced Structural Plastic Lumber, Add</i>	4.90	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.19	
			<i>For White Color, Add</i>	5.63	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.77	
06 51	13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	8.51	1.25
			<i>For Reinforced Structural Plastic Lumber, Add</i>	2.49	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.60	
			<i>For White Color, Add</i>	2.86	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.42	
06 51	13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	12.32	1.34
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.86	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.94	
			<i>For White Color, Add</i>	4.43	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.75	
06 51	13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	15.97	1.43
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.16	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.25	
			<i>For White Color, Add</i>	5.92	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.02	
06 51	13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	18.47	1.50
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.04	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.47	
			<i>For White Color, Add</i>	6.94	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.88	
06 51	13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	22.49	1.92
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.30	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.78	
			<i>For White Color, Add</i>	8.39	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.11	
06 51	13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	11.65	1.36
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.60	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.87	
			<i>For White Color, Add</i>	4.13	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.50	
06 51	13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	15.85	1.43
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.11	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.24	
			<i>For White Color, Add</i>	5.87	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.97	
06 51	13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	21.19	1.55
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.02	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.71	
			<i>For White Color, Add</i>	8.07	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.83	
06 51	13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	16.64	1.57
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.30	
			<i>For White Color, Add</i>	6.12	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51	13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	23.21	1.78
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.86	
			<i>For White Color, Add</i>	8.78	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.44	
06 51	13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	31.85	1.92
			<i>For Reinforced Structural Plastic Lumber, Add</i>	10.77	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.62	
			<i>For White Color, Add</i>	12.37	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.48	
06 51	13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	44.82	2.15
			<i>For Reinforced Structural Plastic Lumber, Add</i>	15.45	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	3.76	
			<i>For White Color, Add</i>	17.75	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.03	
06 51	13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	39.91	2.07
			<i>For Reinforced Structural Plastic Lumber, Add</i>	13.68	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	3.33	
			<i>For White Color, Add</i>	15.71	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	13.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0062	LF		8" x 10", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	67.77 23.94	2.15
			<i>For Brown Color, Add</i>	5.82	
			<i>For White Color, Add</i>	27.50	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	23.30	
06 51 13 00-0063	LF		10" x 10", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	93.81 33.53	2.25
			<i>For Brown Color, Add</i>	8.16	
			<i>For White Color, Add</i>	38.51	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	32.62	
06 51 13 00-0064	LF		2" Diameter, Other Shapes, Recycled Plastic Lumber..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	3.81 1.03	0.72
			<i>For Brown Color, Add</i>	0.25	
			<i>For White Color, Add</i>	1.19	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.00	
06 51 13 00-0065	LF		3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	10.62 3.44	0.92
			<i>For Brown Color, Add</i>	0.84	
			<i>For White Color, Add</i>	3.95	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.34	
06 51 13 00-0066	LF		4" Diameter, Other Shapes, Recycled Plastic Lumber..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	11.72 3.77	1.07
			<i>For Brown Color, Add</i>	0.92	
			<i>For White Color, Add</i>	4.33	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.67	
06 51 13 00-0067	LF		5" Diameter, Other Shapes, Recycled Plastic Lumber..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	14.50 4.69	1.29
			<i>For Brown Color, Add</i>	1.14	
			<i>For White Color, Add</i>	5.38	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.56	
06 51 13 00-0068	LF		6" Diameter, Other Shapes, Recycled Plastic Lumber..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i>	31.72 10.94	1.50
			<i>For Brown Color, Add</i>	2.66	
			<i>For White Color, Add</i>	12.57	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.65	
06 51 13 00-0069	SF		1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	3.14	0.79
06 51 13 00-0070	SF		1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	4.50	0.82
06 51 13 00-0071	SF		3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	6.42	0.87
06 51 13 00-0072	SF		1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	8.11	0.90

06 52 Plastic Structural Assemblies (06 50)
06 52 13 Plastic Columns (06 52)
06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

06 52 13 00-0002	LF		6" Diameter, Round Fiberglass Column.....	18.71	5.95
06 52 13 00-0003	LF		8" Diameter, Round Fiberglass Column.....	26.31	8.65
06 52 13 00-0004	LF		10" Diameter, Round Fiberglass Column.....	30.79	9.74
06 52 13 00-0005	LF		12" Diameter, Round Fiberglass Column.....	39.28	10.19
06 52 13 00-0006	LF		15" Diameter, Round Fiberglass Column.....	48.32	11.76
06 52 13 00-0007	EA		6" Diameter, Base And Cap For Round Fiberglass Columns	36.25	11.27
06 52 13 00-0008	EA		8" Diameter, Base And Cap For Round Fiberglass Columns	40.36	12.17
06 52 13 00-0009	EA		10" Diameter, Base And Cap For Round Fiberglass Columns	48.10	13.52
06 52 13 00-0010	EA		12" Diameter, Base And Cap For Round Fiberglass Columns	69.32	14.42
06 52 13 00-0011	EA		15" Diameter, Base And Cap For Round Fiberglass Columns	96.37	15.78

06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)

06 52 13 00-0013	LF		6" Diameter, Fluted Fiberglass Column	20.05	5.95
06 52 13 00-0014	LF		8" Diameter, Fluted Fiberglass Column	28.10	8.65
06 52 13 00-0015	LF		10" Diameter, Fluted Fiberglass Column	33.05	9.74
06 52 13 00-0016	LF		12" Diameter, Fluted Fiberglass Column	43.08	10.19
06 52 13 00-0017	LF		15" Diameter, Fluted Fiberglass Column	53.27	11.81
06 52 13 00-0018	EA		6" Diameter, Base And Cap For Fluted Fiberglass Columns	38.99	11.27
06 52 13 00-0019	EA		8" Diameter, Base And Cap For Fluted Fiberglass Columns	43.56	12.17
06 52 13 00-0020	EA		10" Diameter, Base And Cap For Fluted Fiberglass Columns	52.31	13.52
06 52 13 00-0021	EA		12" Diameter, Base And Cap For Fluted Fiberglass Columns	77.41	14.42
06 52 13 00-0022	EA		15" Diameter, Base And Cap For Fluted Fiberglass Columns	109.33	15.78

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)

06 52 13 00-0024	EA		8" Roman Ionic Cap And Base For Fiberglass Columns	171.99	13.52
06 52 13 00-0025	EA		10" Roman Ionic Cap And Base For Fiberglass Columns	230.62	15.78
06 52 13 00-0026	EA		12" Roman Ionic Cap And Base For Fiberglass Columns	296.60	18.03
06 52 13 00-0027	EA		8" Scamozzi Cap And Base For Fiberglass Columns	205.93	13.52
06 52 13 00-0028	EA		10" Scamozzi Cap And Base For Fiberglass Columns	248.05	15.78
06 52 13 00-0029	EA		12" Scamozzi Cap And Base For Fiberglass Columns	364.48	18.03
06 52 13 00-0030	EA		8" Corinthian Cap And Base For Fiberglass Columns	260.97	13.52
06 52 13 00-0031	EA		10" Corinthian Cap And Base For Fiberglass Columns	316.86	15.78
06 52 13 00-0032	EA		12" Corinthian Cap And Base For Fiberglass Columns	421.36	18.03

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 52 Plastic Structural Assemblies**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	174.74	13.52
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	236.13	15.78
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	302.10	18.03
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns.....	174.74	13.52
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns.....	210.44	15.78
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns.....	279.17	18.03

06 53 Plastic Decking (06 50)**06 53 16 Plastic Stair Treads** (06 53)**06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads** (06 53 16)

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	SF	12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread	48.05	5.57
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06 60 Plastic Fabrications (06)**06 65 Plastic Trim** (06 60)**06 65 00 00-0001 Plastic Moldings** (06 65)

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	5.60	2.03
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	6.85	2.53
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	5.28	2.13

06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	5.21	2.03
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	6.31	2.13
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	8.39	2.23
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	9.56	2.33
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	10.91	2.43
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	13.72	2.53

06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding.....	8.70	2.03
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding.....	11.58	2.53
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding.....	12.02	2.53
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding.....	12.47	2.53
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding.....	16.17	3.04
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	18.95	3.04

06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	7.52	2.03
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	8.36	2.03
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	10.27	2.03
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	13.57	2.03

06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	2.98	1.12
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.20	1.12
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.17	1.32
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.17	1.32
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	5.16	1.32
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding.....	6.71	1.52
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding.....	8.80	1.52

06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding.....	4.90	1.52
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding.....	6.59	2.03
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding.....	7.88	2.03

06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	4.41	1.82
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	4.44	1.82

06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	4.71	2.13
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	5.18	2.13
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding.....	5.72	2.03
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....	6.51	2.03
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	4.96	2.03
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding.....	7.08	2.03
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding.....	5.39	2.03

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)
Note: As manufactured by Azek or Kleer. All dimensions are nominal.

06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.31	0.81
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.67	0.91
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.07	1.01
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.27	1.04
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.59	1.07
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.01	0.81
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.74	0.91
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.27	1.01
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.92	1.04
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.42	1.07
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	8.54	1.04
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	11.25	1.07
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	6.02	0.91
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	8.59	1.01

06 70 Structural Composites (06)

06 74 Composite Gratings (06 70)

06 74 13 Fiberglass Reinforced Gratings (06 74)

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings (06 74 13)

06 74 13 00-0002 Vi-Corr Resin System (06 74 13 00-0001)
Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	33.44	1.68
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	32.49	1.68
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	42.29	1.68
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	45.85	2.14
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top.....	35.07	1.68
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	34.09	1.68
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	44.65	1.68
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top.....	48.08	2.14
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	31.63	1.34
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	51.09	1.48
06 74 13 00-0013	SF	3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	69.93	1.62

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	30.78	1.68
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	28.85	1.68
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	37.03	1.68
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	40.01	2.14
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	32.12	1.68
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	29.61	1.68
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	40.29	2.14
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	42.21	2.14
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	27.91	1.34
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	39.42	1.48
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	54.08	1.62

06 74 13 00-0026 Corvex Polyester Resin (06 74 13 00-0001)
Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top.....	26.17	1.68
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	25.15	1.68
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	30.41	1.68
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top.....	34.99	2.14
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top.....	27.87	1.68
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	26.83	1.68
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	32.38	1.68
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top.....	36.68	2.14
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering.....	24.68	1.34
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering.....	39.25	1.48
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering.....	54.36	1.62

06 74 13 00-0038 XFR Extra Fire Retardant (06 74 13 00-0001)

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	38.34	1.68
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	37.24	1.68
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	50.85	1.68
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	54.38	2.14
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top.....	40.00	1.68
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	38.92	1.68
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	52.82	1.68
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	56.77	2.14
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	36.19	1.34
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	58.38	1.48

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 74 13 00-0049	ELS Extremely Low Smoke Resin (06 74 13 00-0001)		
06 74 13 00-0050	SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	39.31	1.68
06 74 13 00-0051	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	38.13	1.68
06 74 13 00-0052	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	49.50	1.68
06 74 13 00-0053	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	53.11	2.14
06 74 13 00-0054	SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	40.85	1.68
06 74 13 00-0055	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	39.88	1.68
06 74 13 00-0056	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	51.39	1.68
06 74 13 00-0057	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	55.02	2.14
06 74 13 00-0058	SF 1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering.....	40.42	1.34
06 74 13 00-0059	SF 1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering.....	72.68	1.48

06 74 13 00-0060 Pultruded Fiberglass Grating (06 74 13)**06 74 13 00-0061 ISOFR Isophthalic Polyester Resin System** (06 74 13 00-0060)

Note: For moderately corrosive environments, green.

06 74 13 00-0062 1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)

06 74 13 00-0063	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	28.05	2.14
06 74 13 00-0064	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	24.93	1.68
06 74 13 00-0065	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	31.68	2.14
06 74 13 00-0066	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	29.32	1.68
06 74 13 00-0067	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	21.95	2.14
06 74 13 00-0068	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	19.48	1.68
06 74 13 00-0069	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	25.10	2.14
06 74 13 00-0070	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	22.69	1.68

06 74 13 00-0071 1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)

06 74 13 00-0072	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	31.64	2.14
06 74 13 00-0073	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	28.60	1.68
06 74 13 00-0074	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	35.53	2.14
06 74 13 00-0075	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	33.35	1.68
06 74 13 00-0076	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	27.85	2.14
06 74 13 00-0077	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	25.44	1.68

06 74 13 00-0078 2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)

06 74 13 00-0079	SF 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	27.58	2.14
06 74 13 00-0080	SF 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	30.48	2.14
06 74 13 00-0081	SF 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	36.76	2.14
06 74 13 00-0082	SF 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	34.71	2.14

06 74 13 00-0083 VEF Vinyl Ester Resin System (06 74 13 00-0080)**06 74 13 00-0084 1" VEF Vinyl Ester Resin System** (06 74 13 00-0083)

06 74 13 00-0085	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	29.69	1.68
06 74 13 00-0086	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	26.58	1.68
06 74 13 00-0087	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	33.35	1.68
06 74 13 00-0088	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	38.24	1.68
06 74 13 00-0089	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VEF Vinyl Ester Resin.....	22.85	1.68
06 74 13 00-0090	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VEF Vinyl Ester Resin.....	20.45	1.68
06 74 13 00-0091	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	26.19	1.68
06 74 13 00-0092	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	24.06	1.68

06 74 13 00-0093 1-1/2" VEF Vinyl Ester Resin System (06 74 13 00-0083)

06 74 13 00-0094	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	32.56	1.68
06 74 13 00-0095	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	29.49	1.68
06 74 13 00-0096	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	37.19	1.68
06 74 13 00-0097	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VEF Vinyl Ester Resin.....	34.74	1.68
06 74 13 00-0098	SF 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	29.29	1.68
06 74 13 00-0099	SF 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VEF Vinyl Ester Resin.....	27.01	1.68

06 74 13 00-0100 2" VEF Vinyl Ester Resin System (06 74 13 00-0083)

06 74 13 00-0101	SF 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	28.96	2.14
06 74 13 00-0102	SF 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VEF Vinyl Ester Resin.....	26.73	2.14
06 74 13 00-0103	SF 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VEF Vinyl Ester Resin.....	38.70	2.14
06 74 13 00-0104	SF 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VEF Vinyl Ester Resin.....	37.59	2.14

06 80 Composite Fabrications (06)**06 82 Composite Trim** (06 80)**06 82 00 00-0001 Fiberglass Castings** (06 82)**06 82 00 00-0002 Fiberglass Angle, Equal Legs** (06 82 00 00-0001)

06 82 00 00-0003	LF 1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin.....	7.81	2.80
06 82 00 00-0004	LF 1" x 1" x 1/8" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	8.15	2.80
06 82 00 00-0005	LF 3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin.....	14.13	3.36

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	15.52	3.36
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	15.60	3.36
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	16.61	3.36
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.96	3.36
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	20.11	3.36
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	47.26	4.19
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VEF Vinyl Ester Resin.....	54.21	4.19
06 82 00 00-0013		Fiberglass Channels (06 82 00 00-0001)		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	9.04	4.19
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VEF Vinyl Ester Resin	9.38	4.19
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	18.10	4.76
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VEF Vinyl Ester Resin	18.10	4.76
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	27.85	4.76
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VEF Vinyl Ester Resin.....	32.24	4.76
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	26.22	4.76
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VEF Vinyl Ester Resin.....	31.78	4.76
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	39.98	6.53
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VEF Vinyl Ester Resin.....	45.63	6.53
06 82 00 00-0024		Fiberglass Wide Flange Beams (06 82 00 00-0001)		
06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	24.86	5.59
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin	27.05	5.59
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	31.70	6.71
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin.....	32.75	6.71
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	50.52	8.39
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin.....	62.87	8.39
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	110.10	10.25
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VEF Vinyl Ester Resin.....	123.60	10.25
06 82 00 00-0033		Fiberglass Flat Sheet (06 82 00 00-0001)		
Note: Not to be used for bathroom board.				
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	20.59	4.76
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	21.45	4.76
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	31.87	5.59
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	36.46	5.59
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	43.03	6.71
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	49.91	6.71
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	57.85	8.39
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VEF Vinyl Ester Resin	68.39	8.39
06 82 00 00-0042		Fiberglass Bars (06 82 00 00-0001)		
06 82 00 00-0043		Square Bars (06 82 00 00-0042)		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	12.37	3.36
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	17.49	4.94
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	20.46	6.53
06 82 00 00-0047		Round Bars (06 82 00 00-0042)		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	8.11	2.80
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	16.95	4.19
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VEF Vinyl Ester Resin.....	19.04	4.19
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	24.90	4.19
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	29.68	4.76
06 82 00 00-0053		Fiberglass Tubes (06 82 00 00-0001)		
06 82 00 00-0054		Square Tube (06 82 00 00-0053)		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	9.06	2.80
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin	9.74	2.80
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	13.19	3.36
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin.....	14.38	3.36
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	24.64	4.19
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin.....	27.39	4.19
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	29.01	5.03
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VEF Vinyl Ester Resin.....	36.68	5.03
06 82 00 00-0063		Round Tube (06 82 00 00-0053)		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	8.70	2.80
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VEF Vinyl Ester Resin.....	9.01	2.80
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	15.85	3.36
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VEF Vinyl Ester Resin.....	16.86	3.36
06 82 00 00-0068		Fiberglass Threaded Rods (06 82 00 00-0001)		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VEF Vinyl Ester Resin.....	11.34	2.14
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VEF Vinyl Ester Resin.....	12.04	2.14

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	13.81	2.42
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	15.17	2.42
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	16.70	2.42
06 82 00 00-0074		Grating Support Legs, VEFR Resin (06 82 00 00-0001)		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	20.50	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.79	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	33.04	
06 82 00 00-0078		Fiberglass Netting (06 82 00 00-0001)		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.63	0.29
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.63	0.29
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.63	0.29
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.63	0.29
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.63	0.29
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.62	0.29
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.62	0.29
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.62	0.29
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.62	0.29
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.62	0.29
06 82 00 00-0089		Fiberglass Stair Treads (06 82)		
06 82 00 00-0090		Fiberglass Stair Treads (06 82 00 00-0089)		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090)		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	75.99	14.64
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	87.70	14.64
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	99.42	14.64
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	111.13	14.64
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	83.02	14.64
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	96.49	14.64
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	109.96	14.64
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	123.43	14.64
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	93.80	14.64
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	109.96	14.64
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	126.13	14.64
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	142.30	14.64
06 82 00 00-0104		12" Deep Isophthalic Resin System (06 82 00 00-0090)		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	82.69	14.64
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	96.07	14.64
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	109.47	14.64
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	122.85	14.64
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	90.72	14.64
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	106.12	14.64
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	121.51	14.64
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	136.91	14.64
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	103.04	14.64
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	121.51	14.64
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	139.99	14.64
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	158.47	14.64
06 82 00 00-0117		Other Fiberglass (06 82)		
06 82 00 00-0118		Fiberglass Splash Blocks (06 82 00 00-0117)		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block.....	12.40	2.94
06 83 Composite Paneling (06 80)				
06 83 16 Fiberglass Reinforced Paneling (06 83)				
06 83 16 00-0001		Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)		
		Note: Includes adhesive and trim.		
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling.....	4.04	1.47
		Note: Including Adhesive And Trim		

END OF SECTION 06

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 Thermal And Moisture Protection

07 01 Operation And Maintenance Of Thermal And Moisture Protection⁽⁰⁷⁾

07 01 50 Maintenance Of Membrane Roofing^(07 01)

07 01 50 19 Preparation For Re-Roofing^(07 01 50)

07 01 50 19-0001 Preparation For Re-Roofing^(07 01 50 19)

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	21.02
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal.....	37.10

07 01 50 81 Roof Replacement^(07 01 50)

07 01 50 81-0001 Roof Repair^(07 01 50 81)

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	20.26
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	18.15
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	16.51
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	15.36
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	22.89
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	20.77
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	19.14
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	17.98
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	17.65
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	15.80
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing.....	14.42
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing.....	13.53
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair.....	6.41

07 01 50 81-0015 Emergency Roof Patch^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0016	EA	Granule Emergency Roof Patch Cover 16 SF	82.72
07 01 50 81-0017	EA	Mobilize For Emergency Roof Patching.....	403.55

07 01 50 81-0018 Adhesives^(07 01 50 81)

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer^(07 01 50 81-0018)

07 01 50 81-0020 Applied At Joints Only^(07 01 50 81-0019)

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint.....	3.99	1.72
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07 01 50 91 Roofing Restoration^(07 01 50)

07 01 50 91-0001 Pressure Wash Membrane Roofing^(07 01 50 91)

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.13
		For Up To 100, Add	0.10
		For >100 To 250, Add	0.05
		For >250 To 500, Add	0.02
		For >5,000 To 10,000, Deduct	-0.01
		For >10,000 To 15,000, Deduct	-0.01
		For >15,000 To 30,000, Deduct	-0.02
		For >30,000, Deduct	-0.03

07 05 Common Work Results For Thermal And Moisture Protection

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05)

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05 13)

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work.....	1,214.52
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	908.71
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	607.26
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	302.91

07 10 Dampproofing And Waterproofing⁽⁰⁷⁾

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing^(07 10)

07 Thermal And Moisture Protection**07 10 Dampproofing And Waterproofing****07 11 Dampproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 11 13 Bituminous Dampproofing (07 11)

07 11 13 00-0001	Fibrous Asphalt Dampproofing, Brush, Roller Or Spray (07 11 13)		
07 11 13 00-0002	CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	137.55	
07 11 13 00-0003	CSF 2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	218.39	
07 11 13 00-0004	Fibrous Asphalt Dampproofing, Troweled On (07 11 13)		
07 11 13 00-0005	CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On.....	230.96	
07 11 13 00-0006	CSF Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On.....	349.73	
07 11 13 00-0007	Asphaltic Paint Dampproofing (07 11 13)		
07 11 13 00-0008	CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On.....	113.01	
07 11 13 00-0009	CSF 2 Coats, Asphaltic Paint Dampproofing, Brushed On	207.84	

07 11 19 Sheet Dampproofing (07 11)

07 11 19 00-0001	Neoprene (07 11 19)		
07 11 19 00-0002	SF 1/16" Patch Neoprene Roof (5 To 20 SF)	32.21	

07 13 Sheet Waterproofing (07 10)**07 13 13 Bituminous Sheet Waterproofing (07 13)**

07 13 13 00-0001	15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped (07 13 13)		
07 13 13 00-0002	CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	252.16	96.81
	<i>For 30 LB Felt, Add</i>	43.90	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-29.04	
07 13 13 00-0003	CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	309.94	108.92
	<i>For 30 LB Felt, Add</i>	69.08	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-32.68	
07 13 13 00-0004	CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	367.70	121.01
	<i>For 30 LB Felt, Add</i>	94.25	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-36.31	
07 13 13 00-0005	CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	425.47	133.12
	<i>For 30 LB Felt, Add</i>	119.42	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-39.94	
07 13 13 00-0006	CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	483.24	145.23
	<i>For 30 LB Felt, Add</i>	144.60	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-43.57	
07 13 13 00-0007	Asphalt Coated Protective Board (07 13 13)		
07 13 13 00-0008	CSF 1/8" Asphalt Coated Protective Board.....	240.71	97.31
	<i>For Application To Horizontal Surfaces, Deduct</i>	-32.45	
07 13 13 00-0009	CSF 1/4" Asphalt Coated Protective Board.....	316.64	101.05
	<i>For Application To Horizontal Surfaces, Deduct</i>	-33.68	
07 13 13 00-0010	CSF 3/8" Asphalt Coated Protective Board.....	408.14	105.30
	<i>For Application To Horizontal Surfaces, Deduct</i>	-35.09	
07 13 13 00-0011	CSF 1/2" Asphalt Coated Protective Board.....	455.03	109.54
	<i>For Application To Horizontal Surfaces, Deduct</i>	-36.52	

07 13 53 Elastomeric Sheet Waterproofing (07 13)

07 13 53 00-0001	Rubberized Membrane Sheet (07 13 53)		
07 13 53 00-0002	SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	6.61	1.01
	<i>For Floor Surfaces, Deduct</i>	-0.99	
07 13 53 00-0003	Ethylene Propylene Diene Monomer (EPDM) (07 13 53)		
07 13 53 00-0004	CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	452.08	141.47
	<i>For Application To Horizontal Surfaces, Deduct</i>	-42.43	
07 13 53 00-0005	CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	530.17	141.47
	<i>For Application To Horizontal Surfaces, Deduct</i>	-42.43	
07 13 53 00-0006	Butyl Sheet Waterproofing (07 13 53)		
07 13 53 00-0007	CSF 1/32" Butyl Sheet Waterproofing.....	98.51	35.36
	<i>For Joint Taping, Add</i>	13.08	
	<i>For Each Additional Ply, Add</i>	72.50	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0008	CSF 1/16" Butyl Sheet Waterproofing.....	118.59	35.36
	<i>For Joint Taping, Add</i>	14.08	
	<i>For Each Additional Ply, Add</i>	86.56	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0009	Butyl With Nylon (07 13 53)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0010	CSF		1/32" Butyl Elastomeric Waterproofing With Nylon	109.99	35.36
			<i>For Joint Taping, Add</i>	13.65	
			<i>For Each Additional Ply, Add</i>	80.54	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0011	CSF		1/16" Butyl Elastomeric Waterproofing With Nylon	122.89	35.36
			<i>For Joint Taping, Add</i>	14.30	
			<i>For Each Additional Ply, Add</i>	89.57	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0012			Neoprene Sheet Waterproofing (07 13 53)		
07 13 53 00-0013	CSF		1/32" Neoprene Sheet Waterproofing	176.00	35.36
			<i>For Joint Taping, Add</i>	16.95	
			<i>For Each Additional Ply, Add</i>	126.74	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0014	CSF		1/16" Neoprene Sheet Waterproofing	261.43	35.36
			<i>For Joint Taping, Add</i>	21.22	
			<i>For Each Additional Ply, Add</i>	186.55	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0015			Neoprene With Nylon (07 13 53)		
07 13 53 00-0016	CSF		1/32" Neoprene Elastomeric Waterproofing With Nylon	184.92	35.36
			<i>For Joint Taping, Add</i>	17.40	
			<i>For Each Additional Ply, Add</i>	132.99	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0017	CSF		1/16" Neoprene Elastomeric Waterproofing With Nylon	275.67	35.36
			<i>For Joint Taping, Add</i>	21.93	
			<i>For Each Additional Ply, Add</i>	196.51	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-5.32	
07 13 53 00-0018			Plastic Vapor Barrier (Polyethylene) (07 13 53)		
07 13 53 00-0019	CSF		4 Mil Polyethylene Vapor Barrier	31.56	12.36
			<i>For Joint Taping, Add</i>	7.87	
			<i>For Each Additional Ply, Add</i>	24.83	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.10	
07 13 53 00-0020	CSF		6 Mil Polyethylene Vapor Barrier	32.17	12.36
			<i>For Joint Taping, Add</i>	7.90	
			<i>For Each Additional Ply, Add</i>	25.26	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.10	
07 13 53 00-0021	CSF		10 Mil Polyethylene Vapor Barrier	47.61	12.36
			<i>For Joint Taping, Add</i>	8.67	
			<i>For Each Additional Ply, Add</i>	36.06	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.10	
07 13 53 00-0022	CSF		60 Mil Polyethylene Vapor Barrier With Bentonite	147.00	12.36
			Note: Includes seam tape, liquid mastic, anchors and termination bar.		
			<i>For Each Additional Ply, Add</i>	105.94	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.56	
07 13 53 00-0023			Plastic Vapor Barrier (PVC) (07 13 53)		
07 13 53 00-0024	CSF		10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	52.01	13.68
			<i>For Joint Taping, Add</i>	8.89	
			<i>For Each Additional Ply, Add</i>	39.14	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.10	
07 13 53 00-0025	CSF		20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	70.97	14.18
			<i>For Joint Taping, Add</i>	10.08	
			<i>For Each Additional Ply, Add</i>	52.52	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.26	
07 13 53 00-0026	CSF		30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	96.62	14.69
			<i>For Joint Taping, Add</i>	11.59	
			<i>For Each Additional Ply, Add</i>	70.57	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-4.41	
07 13 53 00-0027			Vinyl Plastic Vapor Barrier (07 13 53)		
07 13 53 00-0028	CSF		4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	36.14	12.66
07 14 Fluid-Applied Waterproofing (07 10)					
07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing (07 14)					
07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)					
07 14 13 00-0002	SF		90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.83	
			Note: Includes primer.		
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.19	
			<i>For Reinforcing Fabric, Add</i>	0.38	
07 14 13 00-0003	SF		125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.10	
			Note: Includes primer.		
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.20	
			<i>For Reinforcing Fabric, Add</i>	0.38	
07 14 16 Cold Fluid-Applied Waterproofing (07 14)					
07 14 16 00-0001			Fluid Applied Rubber Based Polyurethane (07 14 16)		

07 Thermal And Moisture Protection**07 10 Dampproofing And Waterproofing****07 14 Fluid-Applied Waterproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 14 16 00-0002	SF	60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.52	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.43	
07 14 16 00-0003	SF	90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.99	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.45	
07 14 16 00-0004	SF	120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	4.51	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-0.48	

07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)

07 14 16 00-0006	SF	15 Mil Finish Coat, Chlorosulfonated Polyethylene (CSM) Polymer, 1 Part Solution	2.39	
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07 14 16 00-0007 Copolymer Compound (07 14 16)

07 14 16 00-0008	SF	Fluid Elastomeric Copolymer Compound For Slabs 32 Mil	3.81	
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07 14 16 00-0009 Fluid Applied Neoprene (07 14 16)

07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Neoprene	438.86	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-51.54	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Neoprene	889.91	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-101.10	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Neoprene	1,442.33	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-151.57	

07 14 16 00-0013 Concrete Surface Waterproofing Treatments (07 14 16)

07 14 16 00-0014	SF	Concrete Waterproofing System (XYPEX)	4.98	
		Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified		

07 16 Cementitious And Reactive Waterproofing (07 10)**07 16 13 Polymer Modified Cement Waterproofing (07 16)**

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats	3.87	
		Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		

07 16 16 Crystalline Waterproofing (07 16)

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate)	4.55	
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07 16 19 Metal Oxide Waterproofing (07 16)**07 16 19 00-0001 Metallic Oxide Waterproofing (07 16 19)**

Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.

07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	401.82	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-53.06	

07 17 Bentonite Waterproofing (07 10)**07 17 13 Bentonite Panel Waterproofing (07 17)**

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	395.26	116.10
		<i>For Application To Horizontal Surfaces, Deduct</i>	-34.84	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	365.27	122.67
		<i>For Application To Horizontal Surfaces, Deduct</i>	-37.70	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	493.84	127.93
		<i>For Application To Horizontal Surfaces, Deduct</i>	-38.37	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	399.00	106.40
		<i>For Application To Horizontal Surfaces, Deduct</i>	-31.91	

07 19 Water Repellents (07 10)**07 19 13 Acrylic Sealer (07 19)**

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.15	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	2.57	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	2.83	

07 19 16 Silane Water Repellents (07 19)**07 19 16 00-0001 Silane Concrete Sealer (07 19 16)**

07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.48	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.72	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer (07 19 16)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0005	SF		Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40).....	0.81	
			Note: 40% silane, alcohol based.		
07 19 16 00-0006	SF		Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40).....	1.17	
			Note: 40% silane, alcohol based.		
07 19 16 00-0007	SF		Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....	0.34	
			Note: 200 SF/GAL		
07 19 16 00-0008	SF		Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....	0.48	

07 20 Thermal Protection (07)
07 21 Thermal Insulation (07 20)
07 21 13 Board Insulation (07 21)

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation (07 21 13)
07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation (07 21 13 13)
07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0003	SF		1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	2.71	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0004	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	3.75	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0005	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	4.44	0.36
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0006	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	5.83	0.37
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0008	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.24	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0009	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.30	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0010	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.48	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0011	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.64	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0012	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.31	0.36
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0013	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.99	0.37
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0014	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	3.66	0.38
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0015	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	4.34	0.38
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0016	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	5.01	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF		3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	1.39	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.13	
			<i>For 40 PSI Compressive Strength, Add</i>	0.31	
			<i>For 60 PSI Compressive Strength, Add</i>	0.50	
			<i>For 115 PSI Compressive Strength, Add</i>	2.16	
07 21 13 13-0019	SF		1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	1.61	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
			<i>For 40 PSI Compressive Strength, Add</i>	0.40	
			<i>For 60 PSI Compressive Strength, Add</i>	0.63	
			<i>For 115 PSI Compressive Strength, Add</i>	2.73	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 13-0020	SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	1.79	0.35
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.19	
	<i>For 40 PSI Compressive Strength, Add</i>	0.46	
	<i>For 60 PSI Compressive Strength, Add</i>	0.73	
	<i>For 115 PSI Compressive Strength, Add</i>	3.17	
07 21 13 13-0021	SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	1.88	0.35
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.21	
	<i>For 40 PSI Compressive Strength, Add</i>	0.49	
	<i>For 60 PSI Compressive Strength, Add</i>	0.78	
	<i>For 115 PSI Compressive Strength, Add</i>	3.40	
07 21 13 13-0022	SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.79	0.36
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.35	
	<i>For 40 PSI Compressive Strength, Add</i>	0.84	
	<i>For 60 PSI Compressive Strength, Add</i>	1.31	
	<i>For 115 PSI Compressive Strength, Add</i>	5.71	
07 21 13 13-0023	SF 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	3.72	0.37
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.50	
	<i>For 40 PSI Compressive Strength, Add</i>	1.18	
	<i>For 60 PSI Compressive Strength, Add</i>	1.83	
	<i>For 115 PSI Compressive Strength, Add</i>	8.05	
07 21 13 13-0024	SF 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	4.18	0.38
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.57	
	<i>For 40 PSI Compressive Strength, Add</i>	1.35	
	<i>For 60 PSI Compressive Strength, Add</i>	2.10	
	<i>For 115 PSI Compressive Strength, Add</i>	9.21	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation (07 21 13 13)
 Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0025)

Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	2.52	0.35
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0028	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	3.60	0.35
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0029	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.29	0.36
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 21 13 13-0030	SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	5.72	0.37
	<i>For Horizontal Surface Application, Deduct</i>	-0.06	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	

07 21 13 13-0031 Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0032	SF	3/8"	Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.05	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0033	SF	1/2"	Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.11	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0034	SF	3/4"	Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.29	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0035	SF	1"	Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.45	0.35
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0036	SF	2"	Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.16	0.36
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 21 13 13-0037	SF	3"	Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.88	0.37
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 21 13 13-0038	SF	4"	Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.62	0.38
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.00	
07 21 13 13-0039	SF	5"	Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.38	0.38
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.81	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	6.22	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	

07 Thermal And Moisture Protection

07 20 Thermal Protection

07 21 Thermal Insulation

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	5.32	0.39
		<i>For Horizontal Surface Application, Deduct</i>	-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.51	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation (07 21 13

13-0025)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.21	0.34
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.10	
		<i>For 40 PSI Compressive Strength, Add</i>	0.24	
		<i>For 60 PSI Compressive Strength, Add</i>	0.40	
		<i>For 115 PSI Compressive Strength, Add</i>	1.70	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.42	0.34
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.14	
		<i>For 40 PSI Compressive Strength, Add</i>	0.32	
		<i>For 60 PSI Compressive Strength, Add</i>	0.52	
		<i>For 115 PSI Compressive Strength, Add</i>	2.24	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.60	0.35
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.16	
		<i>For 40 PSI Compressive Strength, Add</i>	0.39	
		<i>For 60 PSI Compressive Strength, Add</i>	0.62	
		<i>For 115 PSI Compressive Strength, Add</i>	2.68	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.70	0.35
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.18	
		<i>For 40 PSI Compressive Strength, Add</i>	0.43	
		<i>For 60 PSI Compressive Strength, Add</i>	0.68	
		<i>For 115 PSI Compressive Strength, Add</i>	2.94	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.65	0.36
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.33	
		<i>For 40 PSI Compressive Strength, Add</i>	0.78	
		<i>For 60 PSI Compressive Strength, Add</i>	1.22	
		<i>For 115 PSI Compressive Strength, Add</i>	5.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	3.61	0.37
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For 25 PSI Compressive Strength, Add</i>		0.48	
		<i>For 40 PSI Compressive Strength, Add</i>		1.14	
		<i>For 60 PSI Compressive Strength, Add</i>		1.77	
		<i>For 115 PSI Compressive Strength, Add</i>		7.77	
		<i>For Mechanically Fastened To Concrete, Add</i>		1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>		1.61	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.59	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		1.72	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		1.91	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		0.89	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		2.60	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		2.87	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	4.14	0.38
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For 25 PSI Compressive Strength, Add</i>		0.56	
		<i>For 40 PSI Compressive Strength, Add</i>		1.34	
		<i>For 60 PSI Compressive Strength, Add</i>		2.07	
		<i>For 115 PSI Compressive Strength, Add</i>		9.11	
		<i>For Mechanically Fastened To Concrete, Add</i>		1.47	
		<i>For Mechanically Fastened To Gypsum, Add</i>		1.64	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>		0.69	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>		1.83	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>		1.99	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>		1.04	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>		2.76	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>		3.00	
07 21 13 16		Fibrous Board Insulation (07 21 13)			
07 21 13 16-0001		Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)			
07 21 13 16-0002		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)			
07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	1.81	0.44
		<i>For Horizontal Surface Application, Deduct</i>		-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	2.62	0.52
		<i>For Horizontal Surface Application, Deduct</i>		-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	3.45	0.61
		<i>For Horizontal Surface Application, Deduct</i>		-0.10	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0006		Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)			
07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	3.10	0.35
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	3.46	0.35
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	4.24	0.36
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	4.87	0.36
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	5.49	0.37
		<i>For Horizontal Surface Application, Deduct</i>		-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>		0.05	
		<i>For Factory Painted On One Surface Add</i>		0.17	
07 21 13 16-0012		Mechanically Fastened Fibrous Board Insulation (07 21 13 16)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 16-0013		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0012)			
		Note: Mechanically fastened to wood or steel.			

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	1.62	0.44
		<i>For Horizontal Surface Application, Deduct</i>	-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	2.48	0.52
		<i>For Horizontal Surface Application, Deduct</i>	-0.09	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.34	0.61
		<i>For Horizontal Surface Application, Deduct</i>	-0.10	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation (07 21 13 16-0012)

Note: Mechanically fastened to wood or steel.

07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	2.92	0.35
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	3.31	0.35
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.09	0.36
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.76	0.36
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0022	SF		3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	5.38	0.37
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 21 13 19			Mineral Board Insulation (07 21 13)		
07 21 13 19-0001			Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)		
07 21 13 19-0002			Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0001)		
07 21 13 19-0003	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.38	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0004	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.64	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0005	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.89	0.44
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0006	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.34	0.48
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0007	SF		2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.79	0.52
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0008	SF		3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.69	0.61
			<i>For Horizontal Surface Application, Deduct</i>	-0.10	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0009			Mechanically Fastened Mineral Board Insulation (07 21 13 19)		
			Note: Mechanically fastened to wood or steel.		
07 21 13 19-0010			Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0009)		
			Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.19	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 19-0012	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.45	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 19-0013	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.70	0.44
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.45	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 19-0014	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.19	0.48
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 21 13 19-0015	SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.64	0.52
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 21 13 19-0016	SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.59	0.61
	<i>For Horizontal Surface Application, Deduct</i>	-0.10	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	

07 21 16 Blanket Insulation (07 21)

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0003	SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation.....	1.29	0.40
	<i>For >1,600, Deduct</i>	-0.12	
07 21 16 00-0004	SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation.....	1.40	0.40
	<i>For >1,600, Deduct</i>	-0.13	
07 21 16 00-0005	SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation.....	1.43	0.40
	<i>For >1,600, Deduct</i>	-0.14	
07 21 16 00-0006	SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation.....	1.88	0.40
	<i>For >1,600, Deduct</i>	-0.20	
07 21 16 00-0007	SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation.....	1.55	0.40
	<i>For >1,600, Deduct</i>	-0.15	
07 21 16 00-0008	SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation.....	2.41	0.50
	<i>For >1,600, Deduct</i>	-0.25	
07 21 16 00-0009	SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.57	0.50
	<i>For >1,600, Deduct</i>	-0.27	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0011	SF 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.22	0.40
	<i>For >1,600, Deduct</i>	-0.11	
07 21 16 00-0012	SF 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.34	0.40
	<i>For >1,600, Deduct</i>	-0.12	
07 21 16 00-0013	SF 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.79	0.40
	<i>For >1,600, Deduct</i>	-0.19	
07 21 16 00-0014	SF 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	1.81	0.40
	<i>For >1,600, Deduct</i>	-0.19	
07 21 16 00-0015	SF 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.50	0.40
	<i>For >1,600, Deduct</i>	-0.15	
07 21 16 00-0016	SF 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	2.28	0.50
	<i>For >1,600, Deduct</i>	-0.23	
07 21 16 00-0017	SF 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	2.48	0.50
	<i>For >1,600, Deduct</i>	-0.26	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0019	SF 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.48	0.40
	<i>For >1,600, Deduct</i>	-0.14	
07 21 16 00-0020	SF 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.65	0.40
	<i>For >1,600, Deduct</i>	-0.17	
07 21 16 00-0021	SF 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.79	0.40
	<i>For >1,600, Deduct</i>	-0.19	
07 21 16 00-0022	SF 10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.69	0.50
	<i>For >1,600, Deduct</i>	-0.29	
07 21 16 00-0023	SF 12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation.....	2.89	0.50
	<i>For >1,600, Deduct</i>	-0.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 21 16 00-0024			Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0025	SF		3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	1.33 -0.12	0.40
07 21 16 00-0026	SF		3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	1.43 -0.14	0.40
07 21 16 00-0027	SF		5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	1.94 -0.21	0.40
07 21 16 00-0028	SF		6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	1.57 -0.16	0.40
07 21 16 00-0029	SF		8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	2.41 -0.25	0.50
07 21 16 00-0030	SF		10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	2.48 -0.26	0.50

07 21 16 00-0031			Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032			Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033	SF		3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.45 -0.14	0.40
07 21 16 00-0034	SF		6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.91 -0.20	0.40
07 21 16 00-0035	SF		9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.06 -0.36	0.40
07 21 16 00-0036	SF		12" Kraft Faced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.49 -0.42	0.40

07 21 16 00-0037			Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038	SF		3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.35 -0.12	0.40
07 21 16 00-0039	SF		6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.75 -0.18	0.40
07 21 16 00-0040	SF		9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	2.75 -0.31	0.40
07 21 16 00-0041	SF		12" Unfaced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.12 -0.37	0.40

07 21 16 00-0042			Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043			UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042) Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF		3-1/2", R-13 UltraTouch™ Natural Cotton Insulation..... <i>For >1,600, Deduct</i>	1.98 -0.22	0.40
07 21 16 00-0045	SF		5-1/2", R-19 UltraTouch™ Natural Cotton Insulation..... <i>For >1,600, Deduct</i>	2.24 -0.25	0.40
07 21 16 00-0046	SF		5-1/2", R-21 UltraTouch™ Natural Cotton Insulation..... <i>For >1,600, Deduct</i>	2.50 -0.29	0.40
07 21 16 00-0047	SF		8", R-30 UltraTouch™ Natural Cotton Insulation..... <i>For >1,600, Deduct</i>	3.41 -0.41	0.40

07 21 19			Foamed-In-Place Insulation (07 21)		
07 21 19 00-0001			Polyurethane Foam Insulation, Sprayed On (07 21 19)		
07 21 19 00-0002	SF		1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.09	
07 21 19 00-0003	SF		2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.81	
07 21 19 00-0004	SF		3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.55	
07 21 19 00-0005	SF		4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.27	
07 21 19 00-0006	SF		5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.99	
07 21 19 00-0007	SF		6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.71	
07 21 19 00-0008	SF		1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	2.09	
07 21 19 00-0009	SF		2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	3.27	
07 21 19 00-0010	SF		3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	4.44	
07 21 19 00-0011	SF		4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	5.61	
07 21 19 00-0012	SF		5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	6.78	
07 21 19 00-0013	SF		6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	7.96	

07 21 23			Loose-Fill Insulation (07 21)		
07 21 23 00-0001			Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF		R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation.....	5.97	2.31
07 21 23 00-0003	CF		R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation.....	6.41	2.31

07 21 23 00-0004			Concrete Block Wall Cavity Insulation (07 21 23)		
07 21 23 00-0005	CF		R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation.....	8.36	2.31
07 21 23 00-0006	CF		R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation.....	8.28	2.31

07 21 26			Blown Insulation (07 21)		
07 21 26 00-0001			Fiberglass Blown-In Insulation (07 21 26)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

				TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
07 21 26 00-0002	Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)				
07 21 26 00-0003	SF 3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....	1.30		0.98	
07 21 26 00-0004	SF 6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation.....	1.66		1.18	
07 21 26 00-0005	SF 7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation.....	1.83		1.28	
07 21 26 00-0006	SF 10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	2.14		1.38	
07 21 26 00-0007	SF 12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	2.45		1.47	
07 21 26 00-0008	SF 13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation.....	2.66		1.57	
07 21 26 00-0009	SF 14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	2.72		1.57	
07 21 26 00-0010	SF 16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	2.86		1.57	
07 21 26 00-0011	SF 19" Thick, R-56 Attic, Fiberglass Blown In Insulation.....	3.17		1.57	
07 21 26 00-0012	SF 21" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	3.18		1.57	
07 21 26 00-0013	New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)				
07 21 26 00-0014	SF 3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation.....	1.85		0.98	
07 21 26 00-0015	SF 5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation.....	2.49		1.18	
07 21 26 00-0016	SF 7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation.....	2.96		1.28	
07 21 26 00-0017	SF 9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation.....	3.53		1.38	
07 21 26 00-0018	Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)				
	Note: Includes drilling. Excludes patching.				
07 21 26 00-0019	SF 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation.....	1.75		0.98	
07 21 26 00-0020	SF 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation.....	2.39		1.18	
07 21 26 00-0021	SF 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation.....	2.86		1.28	
07 21 26 00-0022	SF 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation.....	3.43		1.38	
07 21 26 00-0023	Cellulose Blown-In Insulation (07 21 26)				
07 21 26 00-0024	Attic, Cellulose Blown-In Insulation (07 21 26 00-0023)				
07 21 26 00-0025	SF 3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation.....	1.32		0.98	
07 21 26 00-0026	SF 5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation.....	1.60		1.08	
07 21 26 00-0027	SF 6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation.....	1.79		1.18	
07 21 26 00-0028	SF 7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation.....	2.10		1.28	
07 21 26 00-0029	SF 8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation.....	2.15		1.28	
07 21 26 00-0030	SF 10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation.....	2.51		1.38	
07 21 26 00-0031	SF 11" Thick, R-40 Attic, Cellulose Blown In Insulation.....	2.58		1.38	
07 21 26 00-0032	SF 13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation.....	3.01		1.47	
07 21 26 00-0033	SF 16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation.....	3.45		1.57	
07 21 26 00-0034	New Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)				
07 21 26 00-0035	SF 3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation.....	1.80		0.98	
07 21 26 00-0036	SF 5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation.....	2.42		1.18	
07 21 26 00-0037	SF 7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation.....	2.86		1.28	
07 21 26 00-0038	SF 9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation.....	3.40		1.38	
07 21 26 00-0039	Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)				
	Note: Includes drilling. Excludes patching.				
07 21 26 00-0040	SF 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation.....	1.70		0.98	
07 21 26 00-0041	SF 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation.....	2.32		1.18	
07 21 26 00-0042	SF 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation.....	2.76		1.28	
07 21 26 00-0043	SF 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation.....	3.30		1.38	
07 21 29 Sprayed Insulation (07 21)					
07 21 29 00-0001	Fiber Sprayed On Insulation (07 21 29)				
07 21 29 00-0002	SF 1" Spray, R2.7 Perlite Insulation.....	2.13		0.60	
07 21 29 00-0003	SF 1" Spray, R3.7 Fibrous/Cementitious Insulation.....	1.55		0.60	
07 21 29 00-0004	Cellulose Sprayed On Insulation (07 21 29)				
07 21 29 00-0005	SF 1" Thick - Cellulose Spray-on Insulation.....	3.07		0.60	
07 21 53 Reflective Insulation (07 21)					
07 21 53 00-0001	Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)				
07 21 53 00-0002	SF 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space.....	0.85			

07 22 Roof And Deck Insulation (07 20)**07 22 16 Roof Board Insulation** (07 22)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001	Rigid Board Roofing Insulation (07 22 16)				
	Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 22 16 00-0002			Cold Adhesive Applied Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0003			Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0004	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	1.82	
07 22 16 00-0005	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.10	
07 22 16 00-0006	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.37	
07 22 16 00-0007	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.87	
07 22 16 00-0008	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.37	
07 22 16 00-0009			Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0010	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	1.96	
07 22 16 00-0011	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.29	
07 22 16 00-0012			Cold Adhesive Applied, Perlite, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0013	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.74	
07 22 16 00-0014	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.74	
07 22 16 00-0015	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.90	
07 22 16 00-0016	SF		1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.09	
07 22 16 00-0017	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.54	
07 22 16 00-0018	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.83	
07 22 16 00-0019			Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0020	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	2.34	
07 22 16 00-0021	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.06	
07 22 16 00-0022	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.92	
07 22 16 00-0023			Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0024	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.14	
07 22 16 00-0025	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.84	
07 22 16 00-0026	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.24	
07 22 16 00-0027	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.63	
07 22 16 00-0028			Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0029	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.63	
			<i>For Loose-Laid, Deduct</i>	-0.88	
07 22 16 00-0030	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.69	
			<i>For Loose-Laid, Deduct</i>	-0.88	
07 22 16 00-0031	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.86	
			<i>For Loose-Laid, Deduct</i>	-0.88	
07 22 16 00-0032	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.03	
			<i>For Loose-Laid, Deduct</i>	-0.89	
07 22 16 00-0033	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.71	
			<i>For Loose-Laid, Deduct</i>	-0.90	
07 22 16 00-0034	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.40	
			<i>For Loose-Laid, Deduct</i>	-0.91	
07 22 16 00-0035	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.09	
			<i>For Loose-Laid, Deduct</i>	-0.93	
07 22 16 00-0036	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.77	
			<i>For Loose-Laid, Deduct</i>	-0.94	
07 22 16 00-0037	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.46	
			<i>For Loose-Laid, Deduct</i>	-0.95	
07 22 16 00-0038			Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
			Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF		3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.17	
			<i>For Loose-Laid, Deduct</i>	-0.88	
			<i>For 25 PSI Compressive Strength, Add</i>	0.19	
			<i>For 40 PSI Compressive Strength, Add</i>	0.46	
			<i>For 60 PSI Compressive Strength, Add</i>	0.75	
			<i>For 115 PSI Compressive Strength, Add</i>	3.21	
07 22 16 00-0040	SF		1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.27	
			<i>For Loose-Laid, Deduct</i>	-0.89	
			<i>For 25 PSI Compressive Strength, Add</i>	0.21	
			<i>For 40 PSI Compressive Strength, Add</i>	0.49	
			<i>For 60 PSI Compressive Strength, Add</i>	0.80	
			<i>For 115 PSI Compressive Strength, Add</i>	3.44	
07 22 16 00-0041	SF		1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.73	
			<i>For Loose-Laid, Deduct</i>	-0.89	
			<i>For 25 PSI Compressive Strength, Add</i>	0.28	
			<i>For 40 PSI Compressive Strength, Add</i>	0.67	
			<i>For 60 PSI Compressive Strength, Add</i>	1.07	
			<i>For 100 PSI Compressive Strength, Add</i>	1.37	
			<i>For 115 PSI Compressive Strength, Add</i>	4.62	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.19
		<i>For Loose-Laid, Deduct</i>	-0.90
		<i>For 25 PSI Compressive Strength, Add</i>	0.35
		<i>For 40 PSI Compressive Strength, Add</i>	0.84
		<i>For 60 PSI Compressive Strength, Add</i>	1.33
		<i>For 115 PSI Compressive Strength, Add</i>	5.75
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.65
		<i>For Loose-Laid, Deduct</i>	-0.90
		<i>For 25 PSI Compressive Strength, Add</i>	0.43
		<i>For 40 PSI Compressive Strength, Add</i>	1.01
		<i>For 60 PSI Compressive Strength, Add</i>	1.59
		<i>For 100 PSI Compressive Strength, Add</i>	2.04
		<i>For 115 PSI Compressive Strength, Add</i>	6.94
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.13
		<i>For Loose-Laid, Deduct</i>	-0.91
		<i>For 25 PSI Compressive Strength, Add</i>	0.50
		<i>For 40 PSI Compressive Strength, Add</i>	1.18
		<i>For 60 PSI Compressive Strength, Add</i>	1.85
		<i>For 115 PSI Compressive Strength, Add</i>	8.09
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.60
		<i>For Loose-Laid, Deduct</i>	-0.92
		<i>For 25 PSI Compressive Strength, Add</i>	0.57
		<i>For 40 PSI Compressive Strength, Add</i>	1.35
		<i>For 60 PSI Compressive Strength, Add</i>	2.12
		<i>For 115 PSI Compressive Strength, Add</i>	9.25
07 22 16 00-0046		Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0002)	
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	1.98
		<i>For Loose-Laid, Deduct</i>	-0.88
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.10
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.05
		<i>For Loose-Laid, Deduct</i>	-0.89
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.11
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.15
		<i>For Loose-Laid, Deduct</i>	-0.89
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.12
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.41
		<i>For Loose-Laid, Deduct</i>	-0.90
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.14
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.68
		<i>For Loose-Laid, Deduct</i>	-0.90
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.17
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.95
		<i>For Loose-Laid, Deduct</i>	-0.91
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.19
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.24
		<i>For Loose-Laid, Deduct</i>	-0.92
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.22
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.50
		<i>For Loose-Laid, Deduct</i>	-0.92
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.25
07 22 16 00-0055		Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0002)	
07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	2.24
07 22 16 00-0057		Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)	
07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.14
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.25
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.32
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.36
07 22 16 00-0062		Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)	
07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.10
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.26
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.30
07 22 16 00-0066		Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002)	
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.	
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0068	SF		2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.65	
07 22 16 00-0069	SF		2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.86	
07 22 16 00-0070	SF		3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.00	
07 22 16 00-0071	SF		3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.31	
07 22 16 00-0072	SF		4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.45	
07 22 16 00-0073	SF		4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.69	
07 22 16 00-0074			Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002)		
			Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075	SF		2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.53	
07 22 16 00-0076	SF		3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.80	
07 22 16 00-0077	SF		3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.12	
07 22 16 00-0078	SF		4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.34	
07 22 16 00-0079	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.61	
07 22 16 00-0080	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.91	
07 22 16 00-0081	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.47	
07 22 16 00-0082			Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0083			Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0084	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.70	
07 22 16 00-0085	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.97	
07 22 16 00-0086	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.25	
07 22 16 00-0087	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.76	
07 22 16 00-0088	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.29	
07 22 16 00-0089			Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0090	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	1.85	
07 22 16 00-0091	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.17	
07 22 16 00-0092			Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0093	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	1.60	
07 22 16 00-0094	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	1.75	
07 22 16 00-0095	SF		1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	1.94	
07 22 16 00-0096	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	2.40	
07 22 16 00-0097	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	2.69	
07 22 16 00-0098			Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0099	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.19	
07 22 16 00-0100	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.92	
07 22 16 00-0101	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.78	
07 22 16 00-0102			Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0103	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	3.99	
07 22 16 00-0104	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	4.70	
07 22 16 00-0105	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.10	
07 22 16 00-0106	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.49	
07 22 16 00-0107			Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0108	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.49	
07 22 16 00-0109	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.55	
07 22 16 00-0110	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.62	
07 22 16 00-0111	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.88	
07 22 16 00-0112	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.58	
07 22 16 00-0113	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.28	
07 22 16 00-0114	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.96	
07 22 16 00-0115	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.66	
07 22 16 00-0116	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.34	
07 22 16 00-0117			Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
			Note: 15 PSI compressive strength.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped.....	2.02	
		<i>For 25 PSI Compressive Strength, Add</i>	0.16	
		<i>For 40 PSI Compressive Strength, Add</i>	0.37	
		<i>For 60 PSI Compressive Strength, Add</i>	0.62	
		<i>For 115 PSI Compressive Strength, Add</i>	2.60	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped.....	2.13	
		<i>For 25 PSI Compressive Strength, Add</i>	0.17	
		<i>For 40 PSI Compressive Strength, Add</i>	0.41	
		<i>For 60 PSI Compressive Strength, Add</i>	0.67	
		<i>For 115 PSI Compressive Strength, Add</i>	2.86	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.58	
		<i>For 25 PSI Compressive Strength, Add</i>	0.24	
		<i>For 40 PSI Compressive Strength, Add</i>	0.58	
		<i>For 60 PSI Compressive Strength, Add</i>	0.93	
		<i>For 100 PSI Compressive Strength, Add</i>	1.19	
		<i>For 115 PSI Compressive Strength, Add</i>	4.01	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped.....	3.17	
		<i>For 25 PSI Compressive Strength, Add</i>	0.32	
		<i>For 40 PSI Compressive Strength, Add</i>	0.75	
		<i>For 60 PSI Compressive Strength, Add</i>	1.20	
		<i>For 115 PSI Compressive Strength, Add</i>	5.18	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	13.31	
		<i>For 25 PSI Compressive Strength, Add</i>	0.39	
		<i>For 40 PSI Compressive Strength, Add</i>	0.92	
		<i>For 60 PSI Compressive Strength, Add</i>	1.95	
		<i>For 100 PSI Compressive Strength, Add</i>	2.36	
		<i>For 115 PSI Compressive Strength, Add</i>	7.31	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped.....	3.99	
		<i>For 25 PSI Compressive Strength, Add</i>	0.46	
		<i>For 40 PSI Compressive Strength, Add</i>	1.09	
		<i>For 60 PSI Compressive Strength, Add</i>	1.72	
		<i>For 115 PSI Compressive Strength, Add</i>	7.49	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped.....	4.47	
		<i>For 25 PSI Compressive Strength, Add</i>	0.53	
		<i>For 40 PSI Compressive Strength, Add</i>	1.27	
		<i>For 60 PSI Compressive Strength, Add</i>	1.99	
		<i>For 115 PSI Compressive Strength, Add</i>	8.67	
07 22 16 00-0125		Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.84	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.08	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.90	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.08	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.00	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.09	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.28	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.12	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.55	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.14	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.82	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.17	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.00	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.36	
		<i>For Foil Facer, Add</i>	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	0.22	
07 22 16 00-0134		Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	2.01	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	2.12	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	2.19	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	2.23	
07 22 16 00-0139		Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	1.98	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.14	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.18	
07 22 16 00-0143		Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144		Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0145	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	1.63	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0146	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	1.91	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.93	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.72	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0147	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.18	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.74	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0148	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.72	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0149	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.22	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 22 16 00-0150			Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation <small>(07 22 16 00-0143)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened.....	1.77	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.74	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0152	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened.....	2.10	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.74	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0153			Mechanically Fastened, Perlite, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened.....	1.55	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.86	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0155	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened.....	1.71	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened.....	1.90
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	2.39
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened.....	2.68
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00- 0143) Note: Mechanically fastened to wood or steel.	
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	2.15
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	2.91
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	3.81
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.06
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0163		Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.	
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	3.99
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	4.69
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	6.13
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.06
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0167	SF	3-1/2"	Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	7.58	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.30	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.30	
07 22 16 00-0168			Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small> Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF	3/8"	Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.44	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0170	SF	1/2"	Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.50	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0171	SF	3/4"	Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.67	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0172	SF	1"	Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.84	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0173	SF	2"	Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.56	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 22 16 00-0174	SF	3"	Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	3.29	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.06	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 22 16 00-0175	SF	4"	Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	4.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.00	
07 22 16 00-0176	SF	5"	Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	4.81	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.43	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.48	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	5.88	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.51	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.68	
07 22 16 00-0178		Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
		Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	1.98	
		<i>For 25 PSI Compressive Strength, Add</i>	0.16	
		<i>For 40 PSI Compressive Strength, Add</i>	0.39	
		<i>For 60 PSI Compressive Strength, Add</i>	0.64	
		<i>For 115 PSI Compressive Strength, Add</i>	2.72	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.09	
		<i>For 25 PSI Compressive Strength, Add</i>	0.18	
		<i>For 40 PSI Compressive Strength, Add</i>	0.43	
		<i>For 60 PSI Compressive Strength, Add</i>	0.70	
		<i>For 115 PSI Compressive Strength, Add</i>	2.98	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.87	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.66	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.58	
		<i>For 25 PSI Compressive Strength, Add</i>	0.26	
		<i>For 40 PSI Compressive Strength, Add</i>	0.61	
		<i>For 60 PSI Compressive Strength, Add</i>	0.98	
		<i>For 100 PSI Compressive Strength, Add</i>	1.26	
		<i>For 115 PSI Compressive Strength, Add</i>	4.23	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	3.05	
		<i>For 25 PSI Compressive Strength, Add</i>	0.33	
		<i>For 40 PSI Compressive Strength, Add</i>	0.78	
		<i>For 60 PSI Compressive Strength, Add</i>	1.24	
		<i>For 115 PSI Compressive Strength, Add</i>	5.39	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.56	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.81	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.72	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	3.54	
		<i>For 25 PSI Compressive Strength, Add</i>	0.41	
		<i>For 40 PSI Compressive Strength, Add</i>	0.97	
		<i>For 60 PSI Compressive Strength, Add</i>	1.53	
		<i>For 100 PSI Compressive Strength, Add</i>	1.96	
		<i>For 115 PSI Compressive Strength, Add</i>	6.65	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.93	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0184	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened 4.02		
			For 25 PSI Compressive Strength, Add	0.48	
			For 40 PSI Compressive Strength, Add	1.14	
			For 60 PSI Compressive Strength, Add	1.79	
			For 115 PSI Compressive Strength, Add	7.81	
			For Mechanically Fastened To Concrete, Add	1.43	
			For Mechanically Fastened To Gypsum, Add	1.61	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.59	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.06	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.95	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.89	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.94	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.87	
07 22 16 00-0185	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened 4.56		
			For 25 PSI Compressive Strength, Add	0.56	
			For 40 PSI Compressive Strength, Add	1.34	
			For 60 PSI Compressive Strength, Add	2.09	
			For 115 PSI Compressive Strength, Add	9.15	
			For Mechanically Fastened To Concrete, Add	1.47	
			For Mechanically Fastened To Gypsum, Add	1.64	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.69	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.83	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.04	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.00	
07 22 16 00-0186			Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0187	SF		3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 1.79		
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.08	
			For Mechanically Fastened To Concrete, Add	1.35	
			For Mechanically Fastened To Gypsum, Add	1.59	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.41	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.87	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.62	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.66	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70	
07 22 16 00-0188	SF		1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 1.86		
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.09	
			For Mechanically Fastened To Concrete, Add	1.35	
			For Mechanically Fastened To Gypsum, Add	1.59	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.41	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.87	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.62	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.66	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70	
07 22 16 00-0189	SF		1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 2.00		
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.10	
			For Mechanically Fastened To Concrete, Add	1.39	
			For Mechanically Fastened To Gypsum, Add	1.59	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.52	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.64	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.78	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.47	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70	
07 22 16 00-0190	SF		2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 2.26		
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.13	
			For Mechanically Fastened To Concrete, Add	1.39	
			For Mechanically Fastened To Gypsum, Add	1.56	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.52	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.64	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.81	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.78	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.47	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.72	
07 22 16 00-0191	SF		2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 2.57		
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.16	
			For Mechanically Fastened To Concrete, Add	1.43	
			For Mechanically Fastened To Gypsum, Add	1.59	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.59	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.88	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.89	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.93	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.84	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.84
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.18
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.06
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.20
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.22
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.60
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.30
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.30
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.45
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.24
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0195		Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143)	
		Note: Mechanically fastened to wood or steel.	
07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.05
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0197		Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143)	
		Note: Mechanically fastened to wood or steel.	
07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	1.95
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.06
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.13
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.17
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.70
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0202		Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)	
		<small>(07 22 16 00-0143)</small>	
		Note: Mechanically fastened to wood or steel.	
07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	1.91
		For Mechanically Fastened To Concrete, Add	1.35
		For Mechanically Fastened To Gypsum, Add	1.59
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.41
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.91
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.62
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.70
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.08
		For Mechanically Fastened To Concrete, Add	1.35
		For Mechanically Fastened To Gypsum, Add	1.59
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.41
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.91
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.62
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.70
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.11
		For Mechanically Fastened To Concrete, Add	1.35
		For Mechanically Fastened To Gypsum, Add	1.59
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.41
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.91
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.80
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.62
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.70
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.70
07 22 16 00-0206		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	
		<small>(07 22 16 00-0143)</small>	
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.	
07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.35
		For Mechanically Fastened To Concrete, Add	1.39
		For Mechanically Fastened To Gypsum, Add	1.59
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.52
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.64
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.81
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.78
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.47
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.72
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.50
		For Mechanically Fastened To Concrete, Add	1.39
		For Mechanically Fastened To Gypsum, Add	1.56
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.52
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.64
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.81
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.78
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.47
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.72
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.75
		For Mechanically Fastened To Concrete, Add	1.43
		For Mechanically Fastened To Gypsum, Add	1.59
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.59
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.21
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.88
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.89
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.84
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.89
		For Mechanically Fastened To Concrete, Add	1.43
		For Mechanically Fastened To Gypsum, Add	1.61
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.59
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.21
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.95
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.89
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.87
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.27
		For Mechanically Fastened To Concrete, Add	1.47
		For Mechanically Fastened To Gypsum, Add	1.60
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.69
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.83
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.04
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.46

07 Thermal And Moisture Protection

07 20 Thermal Protection

07 22 Roof And Deck Insulation

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.40
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.73
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.62
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67
07 22 16 00-0214		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0143)	
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.	
07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.42
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.84
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.69
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.08
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.08
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.60
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.45
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.45
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.29
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.65
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.58
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.95
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.58
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0221	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.78	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.74	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.86	
07 22 16 00-0222			Rigid Board Tapered Roofing Insulation (07 22 16) Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board.		
07 22 16 00-0223			Cold Adhesive Applied Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0224			Cold Adhesive Applied, Tapered Polyisocyanurate Board (07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0225			Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0226	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	3.40	
			<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0227	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.90	
			<i>For 25 PSI Compressive Strength, Add</i>	0.23	
07 22 16 00-0228	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.24	
			<i>For 25 PSI Compressive Strength, Add</i>	0.27	
07 22 16 00-0229	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.59	
			<i>For 25 PSI Compressive Strength, Add</i>	0.30	
07 22 16 00-0230	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.94	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.44	
			<i>For 25 PSI Compressive Strength, Add</i>	0.37	
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.79	
			<i>For 25 PSI Compressive Strength, Add</i>	0.41	
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.14	
			<i>For 25 PSI Compressive Strength, Add</i>	0.44	
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.49	
			<i>For 25 PSI Compressive Strength, Add</i>	0.48	
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.99	
			<i>For 25 PSI Compressive Strength, Add</i>	0.51	
07 22 16 00-0236			Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	3.22	
			<i>For 25 PSI Compressive Strength, Add</i>	0.18	
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.07	
			<i>For 25 PSI Compressive Strength, Add</i>	0.25	
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.77	
			<i>For 25 PSI Compressive Strength, Add</i>	0.32	
07 22 16 00-0240	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.62	
			<i>For 25 PSI Compressive Strength, Add</i>	0.39	
07 22 16 00-0241	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.31	
			<i>For 25 PSI Compressive Strength, Add</i>	0.46	
07 22 16 00-0242	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.16	
			<i>For 25 PSI Compressive Strength, Add</i>	0.53	
07 22 16 00-0243			Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0244	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.42	
			<i>For 25 PSI Compressive Strength, Add</i>	0.28	
07 22 16 00-0245	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.96	
			<i>For 25 PSI Compressive Strength, Add</i>	0.42	
07 22 16 00-0246	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.51	
			<i>For 25 PSI Compressive Strength, Add</i>	0.56	
07 22 16 00-0247	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.06	
			<i>For 25 PSI Compressive Strength, Add</i>	0.70	

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07 22 16 00-0248		Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0223)</small>	
		Note: Includes polyurethane adhesive.	
07 22 16 00-0249		Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>	
07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	3.00
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.51
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.77
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.03
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.29
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	6.80
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.06
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.32
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.58
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.09
07 22 16 00-0260		Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>	
07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	2.87
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.64
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.16
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	6.93
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.45
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.22
07 22 16 00-0267		Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>	
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.90
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.19
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.48
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	12.04
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0223)</small>	
		Note: Includes polyurethane adhesive.	
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>	
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	3.32
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.82
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.15
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.48
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.81
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.31
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.64
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.97
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.30
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	9.81

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07 22 16 00-0284 Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)

07 22 16 00-0285	SF		2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	3.15	
07 22 16 00-0286	SF		3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.98	
07 22 16 00-0287	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.64	
07 22 16 00-0288	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.48	
07 22 16 00-0289	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.14	
07 22 16 00-0290	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	9.97	

07 22 16 00-0291 Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)

07 22 16 00-0292	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.31	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
07 22 16 00-0293	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.81	
07 22 16 00-0294	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.30	
07 22 16 00-0295	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	12.81	

07 22 16 00-0296 Cold Adhesive Applied, Tapered Perlite Board (07 22 16 00-0223)
Note: Includes polyurethane adhesive.

07 22 16 00-0297 Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0296)

07 22 16 00-0298	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	4.26	
07 22 16 00-0299	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.60	
07 22 16 00-0300	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.13	
07 22 16 00-0301	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.69	
07 22 16 00-0302	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.23	
07 22 16 00-0303	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.55	
07 22 16 00-0304	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.09	
07 22 16 00-0305	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.64	
07 22 16 00-0306	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.18	
07 22 16 00-0307	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.51	

07 22 16 00-0308 Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0296)

07 22 16 00-0309	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	4.00	
07 22 16 00-0310	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.87	
07 22 16 00-0311	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.96	
07 22 16 00-0312	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.82	
07 22 16 00-0313	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.91	
07 22 16 00-0314	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.78	

07 22 16 00-0315 Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0296)

07 22 16 00-0316	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.40	
07 22 16 00-0317	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.36	
07 22 16 00-0318	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.32	
07 22 16 00-0319	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.28	

07 22 16 00-0320 Hot-Mopped Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)

07 22 16 00-0321 Hot-Mopped, Tapered Polyisocyanurate Board (07 22 16 00-0320)

07 22 16 00-0322 Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)

07 22 16 00-0323	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	3.16	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
07 22 16 00-0324	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	4.71	
			<i>For 25 PSI Compressive Strength, Add</i>	0.19	
07 22 16 00-0325	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.06	
			<i>For 25 PSI Compressive Strength, Add</i>	0.22	
07 22 16 00-0326	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.15	
			<i>For 25 PSI Compressive Strength, Add</i>	0.26	
07 22 16 00-0327	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.75	
			<i>For 25 PSI Compressive Strength, Add</i>	0.29	
07 22 16 00-0328	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.17	
			<i>For 25 PSI Compressive Strength, Add</i>	0.31	
07 22 16 00-0329	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.52	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.86	
			<i>For 25 PSI Compressive Strength, Add</i>	0.38	
07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.21	
			<i>For 25 PSI Compressive Strength, Add</i>	0.41	

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07 22 16 00-0332	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	9.61	
		<i>For 25 PSI Compressive Strength, Add</i>	0.43	
07 22 16 00-0333		Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0334	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	3.13	
		<i>For 25 PSI Compressive Strength, Add</i>	0.16	
07 22 16 00-0335	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	4.88	
		<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0336	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.58	
		<i>For 25 PSI Compressive Strength, Add</i>	0.27	
07 22 16 00-0337	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.34	
		<i>For 25 PSI Compressive Strength, Add</i>	0.32	
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.04	
		<i>For 25 PSI Compressive Strength, Add</i>	0.39	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	9.79	
		<i>For 25 PSI Compressive Strength, Add</i>	0.44	
07 22 16 00-0340		Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.23	
		<i>For 25 PSI Compressive Strength, Add</i>	0.24	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.69	
		<i>For 25 PSI Compressive Strength, Add</i>	0.36	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.14	
		<i>For 25 PSI Compressive Strength, Add</i>	0.48	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	12.59	
		<i>For 25 PSI Compressive Strength, Add</i>	0.60	
07 22 16 00-0345		Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)		
07 22 16 00-0346		Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	3.80	
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	5.41	
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	5.95	
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.13	
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.67	
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.28	
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.81	
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	9.00	
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	9.53	
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	11.14	
07 22 16 00-0357		Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	3.54	
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	5.68	
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	6.40	
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	8.55	
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	9.27	
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	11.41	
07 22 16 00-0364		Hot-Mopped, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	6.22	
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	9.08	
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	60.18	
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	14.81	
07 22 16 00-0369		Mechanically Fastened Tapered Roofing Insulation (07 22 16 00-0222)		
		Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370		Mechanically Fastened, Tapered Polyisocyanurate Board (07 22 16 00-0369)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371		Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	3.25	
		<i>For 25 PSI Compressive Strength, Add</i>	0.18	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0373	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.41	
			<i>For 25 PSI Compressive Strength, Add</i>	0.18	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	
07 22 16 00-0374	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.76	
			<i>For 25 PSI Compressive Strength, Add</i>	0.22	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 22 16 00-0375	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	5.18	
			<i>For 25 PSI Compressive Strength, Add</i>	0.26	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96	
07 22 16 00-0376	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	5.52	
			<i>For 25 PSI Compressive Strength, Add</i>	0.29	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.00	
07 22 16 00-0377	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.73	
			<i>For 25 PSI Compressive Strength, Add</i>	0.30	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0378	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.08	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0379	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.70	
			<i>For 25 PSI Compressive Strength, Add</i>	0.40	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	
07 22 16 00-0380	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.15
		<i>For 25 PSI Compressive Strength, Add</i>	0.43
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>	
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	3.07
		<i>For 25 PSI Compressive Strength, Add</i>	0.16
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.59
		<i>For 25 PSI Compressive Strength, Add</i>	0.20
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	5.35
		<i>For 25 PSI Compressive Strength, Add</i>	0.28
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.91
		<i>For 25 PSI Compressive Strength, Add</i>	0.32
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.88
		<i>For 25 PSI Compressive Strength, Add</i>	0.42
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.32
		<i>For 25 PSI Compressive Strength, Add</i>	0.45
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0390	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.94	
			<i>For 25 PSI Compressive Strength, Add</i>	0.24	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 22 16 00-0391	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.09	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0392	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.67	
			<i>For 25 PSI Compressive Strength, Add</i>	0.48	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0393	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	12.20	
			<i>For 25 PSI Compressive Strength, Add</i>	0.62	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.45	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.61	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.18	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0394			Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0369)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0395			Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		
07 22 16 00-0396	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	2.86	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0397	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.03	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	
07 22 16 00-0398	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.29	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 22 16 00-0399	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.62	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.88
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.09
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.35
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.88
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	7.15
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.25
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)

(07 22 16 00-0394)

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	2.73
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.16
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 22 16 00-0409	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.75	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96	
07 22 16 00-0410	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.22	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0411	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	7.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	
07 22 16 00-0412	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.38	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0413			Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0394)</small>		
07 22 16 00-0414	SF		3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.42	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	
07 22 16 00-0415	SF		5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.48	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0416	SF		7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.64	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0417	SF		9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.45	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.61	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.18	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0418			Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0369)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419			Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		

07 Thermal And Moisture Protection

07 20 Thermal Protection

07 22 Roof And Deck Insulation

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	3.17
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.34
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.44
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.06
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.39
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.94
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.54
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.87
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0429	SF		6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	8.97	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0430			Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0431	SF		2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	3.00	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0432	SF		3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.50	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	
07 22 16 00-0433	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.23	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96	
07 22 16 00-0434	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.77	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0435	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.70	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	
07 22 16 00-0436	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0437			Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0438	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.83	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.10
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.47
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.83
		<i>For Mechanically Fastened To Concrete, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.45
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.61
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.18
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.91
07 22 16 00-0442		Mechanically Fastened, Tapered Perlite Board (07 22 16 00-0369)	
		Note: Mechanically fastened to wood or steel.	
07 22 16 00-0443		Mechanically Fastened, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0442)	
07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	3.74
		<i>For Mechanically Fastened To Concrete, Add</i>	1.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.12
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.65
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.90
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	6.44
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.99
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.00
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.84
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0450	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.38	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0451	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.84	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	
07 22 16 00-0452	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.37	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	
07 22 16 00-0453	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	10.68	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57	
07 22 16 00-0454	Mechanically Fastened, 1/4" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>				
07 22 16 00-0455	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	3.47	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.39	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.55	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.52	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.64	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.78	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 22 16 00-0456	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.38	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.59	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.84	
07 22 16 00-0457	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	6.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.60	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.69	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.96	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.04	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.96	
07 22 16 00-0458	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.11	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13	
07 22 16 00-0459	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.10	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.55	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.51	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.26	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.20	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.67	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.32	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	10.95
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0461		Mechanically Fastened, 1/2" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>	
07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.92
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.61
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.59
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.72
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	1.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.89
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	2.87
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.65
		<i>For Mechanically Fastened To Concrete, Add</i>	1.51
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.64
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.95
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.21
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.94
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.13
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.48
		<i>For Mechanically Fastened To Concrete, Add</i>	1.55
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.69
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.08
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.23
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.62
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.36
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	14.41
		<i>For Mechanically Fastened To Concrete, Add</i>	1.59
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.45
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.61
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.37
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.18
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.91
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.57
07 22 16 00-0466		Demolish Rigid Board Roofing Insulation <small>(07 22 16)</small>	
		Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).	
07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.53
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.55
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.56
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.57
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.59
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.60
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.62
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.63
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.65
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.66
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation.....	0.68
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....	0.69
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....	0.71
07 24 Exterior Insulation And Finish Systems <small>(07 20)</small>			
07 24 13 Polymer-Based Exterior Insulation And Finish System <small>(07 24)</small>			
07 24 13 00-0001		Exterior Insulation Finishing System (EIFS) <small>(07 24 13)</small>	
07 24 13 00-0002		Insulation For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>	
07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	2.95
		<i>For Up To 100, Add</i>	0.75
		<i>For >100 To 500, Add</i>	0.38
		<i>For >5,000, Deduct</i>	-0.15
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.21
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	1.76
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	3.30
		<i>For Up To 100, Add</i>	0.76
		<i>For >100 To 500, Add</i>	0.38
		<i>For >5,000, Deduct</i>	-0.15
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.23
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	1.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 24 13 00-0005	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.65	
	<i>For Up To 100, Add</i>	0.77	
	<i>For >100 To 500, Add</i>	0.39	
	<i>For >5,000, Deduct</i>	-0.15	
	<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.34	
	<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	1.85	
07 24 13 00-0006	SF 2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.00	
	<i>For Up To 100, Add</i>	0.78	
	<i>For >100 To 500, Add</i>	0.39	
	<i>For >5,000, Deduct</i>	-0.16	
	<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.39	
	<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	1.94	
07 24 13 00-0007	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.34	
	<i>For Up To 100, Add</i>	0.79	
	<i>For >100 To 500, Add</i>	0.39	
	<i>For >5,000, Deduct</i>	-0.16	
	<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.39	
	<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	1.94	
07 24 13 00-0008	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.02	
	<i>For Up To 100, Add</i>	0.80	
	<i>For >100 To 500, Add</i>	0.40	
	<i>For >5,000, Deduct</i>	-0.16	
	<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.53	
	<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.05	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF 4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	4.17	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0011	SF 6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	4.51	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0012	SF 15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	5.43	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0013	SF 20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	5.70	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)

07 24 13 00-0015	SF Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	2.04	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
07 24 13 00-0016	SF Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	2.29	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
07 24 13 00-0017	SF Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	3.66	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	
07 24 13 00-0018	SF Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	4.74	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.38	
	<i>For >5,000, Deduct</i>	-0.15	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	3.62	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0021	SF 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.67	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 500, Add</i>	0.75	
	<i>For >5,000, Deduct</i>	-0.30	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation And Finish Systems**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	4.07	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	4.43	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	4.08	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	4.43	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	3.73	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	4.10	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	7.27	
		<i>For Up To 100, Add</i>	1.51	
		<i>For >100 To 500, Add</i>	0.75	
		<i>For >5,000, Deduct</i>	-0.30	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.06	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >5,000, Deduct</i>	-0.08	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	1.08	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >5,000, Deduct</i>	-0.08	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.36	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >5,000, Deduct</i>	-0.08	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.62	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >5,000, Deduct</i>	-0.08	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	1.97	
		<i>For Up To 100, Add</i>	0.47	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.09	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.74	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.93	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.15	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.62	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	2.93	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.15	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.37	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.89	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 24 13 00-0047	SF		Demolish Exterior Insulation Finishing Systems (EIFS).....2.82 Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
			<i>For Up To 100, Add</i>	1.41	
			<i>For >100 To 500, Add</i>	0.71	
			<i>For >5,000, Deduct</i>	-0.28	

07 25 Weather Barriers (07)

07 26 Vapor Retarders (07 25)

07 26 13 Above-Grade Vapor Retarders (07 26)

07 26 13 00-0001	CSF		Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....25.17		
07 26 13 00-0002	CSF		Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....23.86		
07 26 13 00-0003	CSF		60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....28.04		
07 26 13 00-0004	CSF		Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute).....34.17		
07 26 13 00-0005	CSF		Regular Weight Red Rosin Sized Sheathing.....23.35		
07 26 13 00-0006	CLF		6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....76.70		
07 26 13 00-0007	CLF		4" Wide Self Adhering Butyl Sealing Tape.....107.17		
07 26 13 00-0008	CLF		6" Wide Self Adhesive Butyl Sealing Tape.....149.17		
07 26 13 00-0009	CLF		9" Wide Self Adhesive Butyl Sealing Tape.....200.47		
07 26 13 00-0010	CSF		Building Wrap (Tyvek).....57.41		

07 27 Air Barriers (07 25)

07 27 23 Board Product Air Barriers (07 27)

07 27 23 00-0001 Barriers For Plenums (07 27 23)

07 27 23 00-0002	SF		0.5" Thick Lead Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....9.63	3.04	
			<i>For Up To 50, Add</i>	3.83	
			<i>For >50 To 200, Add</i>	2.16	
			<i>For >200 To 500, Add</i>	0.78	
			<i>For >2,500, Deduct</i>	-0.48	
07 27 23 00-0003	SF		0.625" Thick Lead Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....10.43	3.04	
			<i>For Up To 50, Add</i>	4.18	
			<i>For >50 To 200, Add</i>	2.35	
			<i>For >200 To 500, Add</i>	0.85	
			<i>For >2,500, Deduct</i>	-0.52	
07 27 23 00-0004	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....4.24	2.03	
			<i>For Up To 50, Add</i>	2.11	
			<i>For >50 To 200, Add</i>	1.16	
			<i>For >200 To 500, Add</i>	0.40	
			<i>For >2,500, Deduct</i>	-0.21	
07 27 23 00-0005	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....7.69	3.04	
			<i>For Up To 50, Add</i>	3.77	
			<i>For >50 To 200, Add</i>	2.08	
			<i>For >200 To 500, Add</i>	0.71	
			<i>For >2,500, Deduct</i>	-0.38	
07 27 23 00-0006	SF		Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....5.56	2.03	
			<i>For Up To 50, Add</i>	2.31	
			<i>For >50 To 200, Add</i>	1.29	
			<i>For >200 To 500, Add</i>	0.46	
			<i>For >2,500, Deduct</i>	-0.28	
07 27 23 00-0007	SF		1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....7.02	2.03	
			<i>For Up To 50, Add</i>	2.41	
			<i>For >50 To 200, Add</i>	1.38	
			<i>For >200 To 500, Add</i>	0.52	
			<i>For >2,500, Deduct</i>	-0.35	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles And Shakes (07 30)

07 31 13 Asphalt Shingles (07 31)

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles (07 31 13)

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ		200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20).....238.57	175.09	
			<i>For >35 To 75, Deduct</i>	-7.93	
			<i>For >75 To 100, Deduct</i>	-13.50	
			<i>For >100 To 200, Deduct</i>	-20.66	
			<i>For >200, Deduct</i>	-31.79	
			<i>For Steep Roof, Over 7 To 12, Add</i>	50.95	
07 31 13 13-0003	SQ		220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....250.24	183.87	
			<i>For >35 To 75, Deduct</i>	-8.31	
			<i>For >75 To 100, Deduct</i>	-14.15	
			<i>For >100 To 200, Deduct</i>	-21.65	
			<i>For >200, Deduct</i>	-33.33	
			<i>For Steep Roof, Over 7 To 12, Add</i>	53.49	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles And Shakes**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	285.02	193.05
		<i>For >35 To 75, Deduct</i>	-10.95	
		<i>For >75 To 100, Deduct</i>	-17.52	
		<i>For >100 To 200, Deduct</i>	-26.29	
		<i>For >200, Deduct</i>	-39.45	
		<i>For Steep Roof, Over 7 To 12, Add</i>	56.18	
07 31 13 13-0005		Architectural Fiberglass Reinforced, Asphalt Composition Shingle <small>(07 31 13 13)</small>		
		Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark).....	298.72	223.52
		<i>For >35 To 75, Deduct</i>	-9.56	
		<i>For >75 To 100, Deduct</i>	-16.55	
		<i>For >100 To 200, Deduct</i>	-25.45	
		<i>For >200, Deduct</i>	-39.43	
		<i>For Steep Roof, Over 7 To 12, Add</i>	65.01	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	310.71	212.82
		<i>For >35 To 75, Deduct</i>	-11.72	
		<i>For >75 To 100, Deduct</i>	-18.90	
		<i>For >100 To 200, Deduct</i>	-28.43	
		<i>For >200, Deduct</i>	-42.79	
		<i>For Steep Roof, Over 7 To 12, Add</i>	61.93	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	337.55	234.70
		<i>For >35 To 75, Deduct</i>	-12.42	
		<i>For >75 To 100, Deduct</i>	-20.23	
		<i>For >100 To 200, Deduct</i>	-30.53	
		<i>For >200, Deduct</i>	-46.17	
		<i>For Steep Roof, Over 7 To 12, Add</i>	68.29	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	320.38	202.69
		<i>For >35 To 75, Deduct</i>	-13.61	
		<i>For >75 To 100, Deduct</i>	-20.94	
		<i>For >100 To 200, Deduct</i>	-30.99	
		<i>For >200, Deduct</i>	-45.65	
		<i>For Steep Roof, Over 7 To 12, Add</i>	58.96	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium).....	364.27	246.44
		<i>For >35 To 75, Deduct</i>	-14.03	
		<i>For >75 To 100, Deduct</i>	-22.43	
		<i>For >100 To 200, Deduct</i>	-33.64	
		<i>For >200, Deduct</i>	-50.46	
		<i>For Steep Roof, Over 7 To 12, Add</i>	71.68	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence).....	384.84	246.44
		<i>For >35 To 75, Deduct</i>	-16.09	
		<i>For >75 To 100, Deduct</i>	-24.90	
		<i>For >100 To 200, Deduct</i>	-36.94	
		<i>For >200, Deduct</i>	-54.57	
		<i>For Steep Roof, Over 7 To 12, Add</i>	71.68	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake).....	420.88	271.66
		<i>For >35 To 75, Deduct</i>	-17.39	
		<i>For >75 To 100, Deduct</i>	-27.04	
		<i>For >100 To 200, Deduct</i>	-40.17	
		<i>For >200, Deduct</i>	-59.48	
		<i>For Steep Roof, Over 7 To 12, Add</i>	79.04	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL).....	414.89	258.77
		<i>For >35 To 75, Deduct</i>	-17.97	
		<i>For >75 To 100, Deduct</i>	-27.45	
		<i>For >100 To 200, Deduct</i>	-40.51	
		<i>For >200, Deduct</i>	-59.46	
		<i>For Steep Roof, Over 7 To 12, Add</i>	75.25	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris).....	410.12	246.44
		<i>For >35 To 75, Deduct</i>	-18.61	
		<i>For >75 To 100, Deduct</i>	-27.94	
		<i>For >100 To 200, Deduct</i>	-40.98	
		<i>For >200, Deduct</i>	-59.63	
		<i>For Steep Roof, Over 7 To 12, Add</i>	71.68	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate).....	476.23	271.66
		<i>For >35 To 75, Deduct</i>	-22.92	
		<i>For >75 To 100, Deduct</i>	-33.68	
		<i>For >100 To 200, Deduct</i>	-49.03	
		<i>For >200, Deduct</i>	-70.55	
		<i>For Steep Roof, Over 7 To 12, Add</i>	79.04	
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	490.65	271.66
		<i>For >35 To 75, Deduct</i>	-24.36	
		<i>For >75 To 100, Deduct</i>	-35.41	
		<i>For >100 To 200, Deduct</i>	-51.33	
		<i>For >200, Deduct</i>	-73.43	
		<i>For Steep Roof, Over 7 To 12, Add</i>	79.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0017	SQ		480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	544.56	299.56
			<i>For >35 To 75, Deduct</i>	-27.22	
			<i>For >75 To 100, Deduct</i>	-39.48	
			<i>For >100 To 200, Deduct</i>	-57.17	
			<i>For >200, Deduct</i>	-81.68	
			<i>For Steep Roof, Over 7 To 12, Add</i>	87.15	
07 31 13 13-0018	SQ		425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	534.07	285.23
			<i>For >35 To 75, Deduct</i>	-27.47	
			<i>For >75 To 100, Deduct</i>	-39.45	
			<i>For >100 To 200, Deduct</i>	-56.92	
			<i>For >200, Deduct</i>	-80.88	
			<i>For Steep Roof, Over 7 To 12, Add</i>	82.99	
07 31 13 13-0019			Asphalt Shingle Accessories (07 31 13 13)		
07 31 13 13-0020	LF		Hip And Ridge Roll Vent Note: Excludes shingles.	5.88	1.05
07 31 13 13-0021	LF		Three Tab Hip And Ridge Shingles	3.44	2.61
07 31 13 13-0022	LF		Architectural Hip And Ridge Shingles	4.09	2.90
07 31 13 13-0023	SQ		Demolish Each Additional Layer Of Shingles.....	81.19	
07 31 16			Metal Shingles (07 31)		
07 31 16 00-0001			Aluminum Shingles (07 31 16)		
07 31 16 00-0002	SQ		Aluminum Shingles, Mill Finish, 0.020" Thick	802.28	168.45
			<i>For Colors, Anodized Finish, Add</i>	30.00	
			<i>For Bonderized Finish, Add</i>	47.00	
			<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick	1,116.85	184.11
			<i>For Colors, Anodized Finish, Add</i>	30.00	
			<i>For Bonderized Finish, Add</i>	47.00	
			<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick	15.01	2.43
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick	15.76	2.43
07 31 16 00-0006	LF		Aluminum Shingles, Valley Section, 0.020" Thick.....	9.34	2.43
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section, 0.030" Thick.....	10.85	2.43
07 31 16 00-0008			Galvanized Steel Shingles (07 31 16)		
07 31 16 00-0009	SQ		24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles.....	431.62	146.19
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-5.57	
			<i>For >75 To 100, Deduct</i>	-17.05	
			<i>For >100 To 200, Deduct</i>	-29.93	
			<i>For >200, Deduct</i>	-41.42	
			<i>For Steep Roof, Over 7 To 12, Add</i>	93.58	
07 31 16 00-0010	SQ		26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles.....	417.66	145.02
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-5.11	
			<i>For >75 To 100, Deduct</i>	-16.19	
			<i>For >100 To 200, Deduct</i>	-28.55	
			<i>For >200, Deduct</i>	-39.63	
			<i>For Steep Roof, Over 7 To 12, Add</i>	92.78	
07 31 16 00-0011	SQ		24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	634.54	146.19
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-13.68	
			<i>For >75 To 100, Deduct</i>	-31.26	
			<i>For >100 To 200, Deduct</i>	-52.25	
			<i>For >200, Deduct</i>	-69.83	
			<i>For Steep Roof, Over 7 To 12, Add</i>	93.58	
07 31 16 00-0012	SQ		26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	589.87	145.02
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-12.00	
			<i>For >75 To 100, Deduct</i>	-28.24	
			<i>For >100 To 200, Deduct</i>	-47.49	
			<i>For >200, Deduct</i>	-63.74	
			<i>For Steep Roof, Over 7 To 12, Add</i>	92.78	
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley.....	6.76	1.95
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-0.12	
			<i>For >75 To 100, Deduct</i>	-0.30	
			<i>For >100 To 200, Deduct</i>	-0.51	
			<i>For >200, Deduct</i>	-0.70	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.22	
07 31 26			Slate Shingles (07 31)		
			Note: Includes 30 LB felt and fasteners.		
07 31 26 00-0001			Shingles Including 30 LB Felt And Nails (07 31 26)		
07 31 26 00-0002	SQ		Slate Shingles, Buckingham, Virginia Black, 3/16" Thick.....	1,091.31	249.34
			<i>For >50 To 75, Deduct</i>	-21.49	
			<i>For >75 To 100, Deduct</i>	-51.46	
			<i>For >100 To 200, Deduct</i>	-86.80	
			<i>For >200, Deduct</i>	-116.77	
			<i>For Graduated Shapes, Add</i>	80.59	
			<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles And Shakes**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,239.90	249.34
		<i>For >50 To 75, Deduct</i>	-27.43	
		<i>For >75 To 100, Deduct</i>	-61.86	
		<i>For >100 To 200, Deduct</i>	-103.15	
		<i>For >200, Deduct</i>	-137.57	
		<i>For Graduated Shapes, Add</i>	102.88	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,195.32	249.34
		<i>For >50 To 75, Deduct</i>	-25.65	
		<i>For >75 To 100, Deduct</i>	-58.74	
		<i>For >100 To 200, Deduct</i>	-98.24	
		<i>For >200, Deduct</i>	-131.33	
		<i>For Graduated Shapes, Add</i>	96.19	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,210.18	249.34
		<i>For >50 To 75, Deduct</i>	-26.25	
		<i>For >75 To 100, Deduct</i>	-59.78	
		<i>For >100 To 200, Deduct</i>	-99.88	
		<i>For >200, Deduct</i>	-133.41	
		<i>For Graduated Shapes, Add</i>	98.42	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,269.62	249.34
		<i>For >50 To 75, Deduct</i>	-28.62	
		<i>For >75 To 100, Deduct</i>	-63.94	
		<i>For >100 To 200, Deduct</i>	-106.42	
		<i>For >200, Deduct</i>	-141.73	
		<i>For Graduated Shapes, Add</i>	107.34	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,195.32	249.34
		<i>For >50 To 75, Deduct</i>	-25.65	
		<i>For >75 To 100, Deduct</i>	-58.74	
		<i>For >100 To 200, Deduct</i>	-98.24	
		<i>For >200, Deduct</i>	-131.33	
		<i>For Graduated Shapes, Add</i>	96.19	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,150.75	249.34
		<i>For >50 To 75, Deduct</i>	-23.87	
		<i>For >75 To 100, Deduct</i>	-55.62	
		<i>For >100 To 200, Deduct</i>	-93.34	
		<i>For >200, Deduct</i>	-125.09	
		<i>For Graduated Shapes, Add</i>	89.51	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,079.21	249.34
		<i>For >50 To 75, Deduct</i>	-61.01	
		<i>For >75 To 100, Deduct</i>	-120.61	
		<i>For >100 To 200, Deduct</i>	-195.47	
		<i>For >200, Deduct</i>	-255.08	
		<i>For Graduated Shapes, Add</i>	228.78	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,195.32	249.34
		<i>For >50 To 75, Deduct</i>	-25.65	
		<i>For >75 To 100, Deduct</i>	-58.74	
		<i>For >100 To 200, Deduct</i>	-98.24	
		<i>For >200, Deduct</i>	-131.33	
		<i>For Graduated Shapes, Add</i>	96.19	
		<i>For Steep Roof, Over 7 To 12, Add</i>	177.29	

07 31 29 Wood Shingles And Shakes (07 31)**07 31 29 13 Wood Shingles (07 31 29)****07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)**

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	681.26	202.63
		<i>For Steep Roof, Over 7 To 12, Add</i>	129.68	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	41.40	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	497.15	151.97
		<i>For Steep Roof, Over 7 To 12, Add</i>	97.26	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	28.98	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	599.76	172.23
		<i>For Steep Roof, Over 7 To 12, Add</i>	110.23	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	38.30	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	497.75	141.84
		<i>For Steep Roof, Over 7 To 12, Add</i>	90.78	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	31.21	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	616.27	134.24
		<i>For Steep Roof, Over 7 To 12, Add</i>	85.91	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	52.17	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	483.59	113.97
		<i>For Steep Roof, Over 7 To 12, Add</i>	72.95	
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	38.34	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	502.74	182.36
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	20.70	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	483.96	172.23
		<i>For Pressure-Impregnated Treated (Preservative), Add</i>	21.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0012	SQ		10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	481.47 27.39	149.44
07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)					
07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)					
07 31 29 13-0015	SQ		3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	648.45 136.17 33.44	212.76
07 31 29 13-0016	SQ		4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	580.06 123.20 29.26	192.49
07 31 29 13-0017	SQ		4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	610.48 123.20 33.82	192.49
07 31 29 13-0018	SQ		4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	545.05 110.23 30.09	172.23
07 31 29 13-0019	SQ		5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	511.13 85.91 36.40	134.24
07 31 29 13-0020	SQ		6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	422.02 74.57 28.35	116.52
07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)					
07 31 29 13-0022	SQ		6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	496.46 16.72	192.49
07 31 29 13-0023	SQ		7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	477.48 16.91	182.36
07 31 29 13-0024	SQ		9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	451.59 19.11	162.10
07 31 29 16 Wood Shakes (07 31 29)					
07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)					
07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)					
07 31 29 16-0003	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	507.62 105.37 26.75	164.63
07 31 29 16-0004	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	567.06 105.37 35.67	164.63
07 31 29 16-0005	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	513.70 85.91 36.78	134.24
07 31 29 16-0006	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	538.97 85.91 40.57	134.24
07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)					
07 31 29 16-0008	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	532.95 26.75	177.30
07 31 29 16-0009	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	592.39 35.67	177.30
07 31 29 16-0010	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	549.16 36.78	151.97
07 31 29 16-0011	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	574.43 40.57	151.97
07 31 29 19 Wood Shingles And Shakes Cap (07 31 29)					
07 31 29 19-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes (07 31 29 19)					
07 31 29 19-0002	LF		Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	7.78 0.98 0.71	1.32
07 31 33 Composite Rubber Shingles (07 31)					
07 31 33 00-0001	SQ		Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black. <i>For Purple Or Green Color, Add</i> <i>For Brown Or Red Color, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	938.49 77.93 199.69 144.46 -12.18 -35.64 -59.10 -93.85	225.74

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles And Shakes**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 31 33 00-0002	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure.....	1,263.19	225.74
		Note: Fire resistant. Gray or black.		
		For Purple, Green, Brown Or Red, Add	121.76	
		For Steep Roof, Over 7 To 12, Add	144.46	
		For >50 To 75, Deduct	-20.29	
		For >75 To 100, Deduct	-51.87	
		For >100 To 200, Deduct	-83.45	
		For >200, Deduct	-126.32	
07 31 33 00-0003	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,072.19	225.74
		Note: Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	223.47	
		For Steep Roof, Over 7 To 12, Add	144.46	
		For >50 To 75, Deduct	-15.52	
		For >75 To 100, Deduct	-42.32	
		For >100 To 200, Deduct	-69.13	
		For >200, Deduct	-107.22	
07 31 33 00-0004	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,330.04	225.74
		Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	96.65	
		For Steep Roof, Over 7 To 12, Add	144.46	
		For >50 To 75, Deduct	-21.97	
		For >75 To 100, Deduct	-55.22	
		For >100 To 200, Deduct	-88.47	
		For >200, Deduct	-133.00	
07 31 33 00-0005	LF	Hip Or Ridge Polymeric Rubber Slate Shingle.....	12.46	1.51
		Note: Beveled or pointed edges, gray or black.		

07 32 Roof Tiles (07 30)**07 32 13 Clay Roof Tiles** (07 32)

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,293.00	236.47
		For >25 To 50, Deduct	-49.20	
		For >50 To 75, Deduct	-93.83	
		For >75 To 100, Deduct	-130.25	
		For >100 To 200, Deduct	-158.48	
		For >200, Deduct	-178.50	
		For 20 Year Warranty, Add	57.40	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ.....	1,560.60	236.47
		For >25 To 50, Deduct	-65.26	
		For >50 To 75, Deduct	-120.59	
		For >75 To 100, Deduct	-165.04	
		For >100 To 200, Deduct	-198.62	
		For >200, Deduct	-221.32	
		For 20 Year Warranty, Add	76.13	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,560.60	236.47
		For >25 To 50, Deduct	-65.26	
		For >50 To 75, Deduct	-120.59	
		For >75 To 100, Deduct	-165.04	
		For >100 To 200, Deduct	-198.62	
		For >200, Deduct	-221.32	
		For 20 Year Warranty, Add	76.13	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ.....	1,787.65	236.47
		For >25 To 50, Deduct	-78.88	
		For >50 To 75, Deduct	-143.29	
		For >75 To 100, Deduct	-194.56	
		For >100 To 200, Deduct	-232.67	
		For >200, Deduct	-257.64	
		For 20 Year Warranty, Add	92.03	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,542.11	289.12
		For >25 To 50, Deduct	-57.83	
		For >50 To 75, Deduct	-110.84	
		For >75 To 100, Deduct	-154.22	
		For >100 To 200, Deduct	-187.95	
		For >200, Deduct	-212.04	
		For 20 Year Warranty, Add	67.47	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,941.53	289.12
		For >25 To 50, Deduct	-81.80	
		For >50 To 75, Deduct	-150.79	
		For >75 To 100, Deduct	-206.14	
		For >100 To 200, Deduct	-247.86	
		For >200, Deduct	-275.95	
		For 20 Year Warranty, Add	95.43	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,475.62	390.04
		For >25 To 50, Deduct	-101.75	
		For >50 To 75, Deduct	-189.07	
		For >75 To 100, Deduct	-259.44	
		For >100 To 200, Deduct	-312.86	
		For >200, Deduct	-349.31	
		For 20 Year Warranty, Add	118.70	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ.....	1,342.27	289.12
		For >25 To 50, Deduct	-45.84	
		For >50 To 75, Deduct	-90.86	
		For >75 To 100, Deduct	-128.24	
		For >100 To 200, Deduct	-157.97	
		For >200, Deduct	-180.07	
		For 20 Year Warranty, Add	53.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0010	SQ		Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ.....	1,665.83	289.12
			<i>For >25 To 50, Deduct</i>	-65.26	
			<i>For >50 To 75, Deduct</i>	-123.22	
			<i>For >75 To 100, Deduct</i>	-170.30	
			<i>For >100 To 200, Deduct</i>	-206.51	
			<i>For >200, Deduct</i>	-231.84	
			<i>For 20 Year Warranty, Add</i>	76.13	
07 32 13 00-0011	SQ		Spanish Tile Roofing, Red, 171 Piece Per SQ.....	1,155.70	216.47
			<i>For >25 To 50, Deduct</i>	-43.36	
			<i>For >50 To 75, Deduct</i>	-83.10	
			<i>For >75 To 100, Deduct</i>	-115.60	
			<i>For >100 To 200, Deduct</i>	-140.88	
			<i>For >200, Deduct</i>	-158.93	
			<i>For 20 Year Warranty, Add</i>	50.59	
07 32 13 00-0012	SQ		Spanish Tile Roofing, Blend, 171 Piece Per SQ.....	1,504.39	216.47
			<i>For >25 To 50, Deduct</i>	-64.28	
			<i>For >50 To 75, Deduct</i>	-117.96	
			<i>For >75 To 100, Deduct</i>	-160.93	
			<i>For >100 To 200, Deduct</i>	-193.18	
			<i>For >200, Deduct</i>	-214.72	
			<i>For 20 Year Warranty, Add</i>	75.00	
07 32 13 00-0013	SQ		Spanish Tile Roofing, Glazed White, 171 Piece Per SQ.....	1,804.42	216.47
			<i>For >25 To 50, Deduct</i>	-82.29	
			<i>For >50 To 75, Deduct</i>	-147.97	
			<i>For >75 To 100, Deduct</i>	-199.93	
			<i>For >100 To 200, Deduct</i>	-238.19	
			<i>For >200, Deduct</i>	-262.73	
			<i>For 20 Year Warranty, Add</i>	96.00	
07 32 13 00-0014	SQ		Two Piece Mission Tile Roofing, 192 Piece Per SQ.....	2,171.73	339.34
			<i>For >25 To 50, Deduct</i>	-89.58	
			<i>For >50 To 75, Deduct</i>	-166.27	
			<i>For >75 To 100, Deduct</i>	-228.03	
			<i>For >100 To 200, Deduct</i>	-274.86	
			<i>For >200, Deduct</i>	-306.76	
			<i>For 20 Year Warranty, Add</i>	104.51	
07 32 13 00-0015	SQ		One Piece Mission Tile Roofing, 75 Piece Per SQ.....	944.31	236.47
			<i>For >25 To 50, Deduct</i>	-28.28	
			<i>For >50 To 75, Deduct</i>	-58.96	
			<i>For >75 To 100, Deduct</i>	-84.92	
			<i>For >100 To 200, Deduct</i>	-106.17	
			<i>For >200, Deduct</i>	-122.71	
			<i>For 20 Year Warranty, Add</i>	32.99	
07 32 13 00-0016	SQ		One Piece Mission Tile Roofing, 134 Piece Per SQ.....	1,259.47	339.34
			<i>For >25 To 50, Deduct</i>	-34.85	
			<i>For >50 To 75, Deduct</i>	-75.05	
			<i>For >75 To 100, Deduct</i>	-109.44	
			<i>For >100 To 200, Deduct</i>	-138.02	
			<i>For >200, Deduct</i>	-160.80	
			<i>For 20 Year Warranty, Add</i>	40.66	

07 32 16 Concrete Roof Tiles (07 32)
07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood (07 32 16)

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated.....	969.38	358.45
			<i>For >50 To 75, Deduct</i>	-10.10	
			<i>For >75 To 100, Deduct</i>	-35.59	
			<i>For >100 To 200, Deduct</i>	-63.61	
			<i>For >200, Deduct</i>	-89.11	
			<i>For Steep Roof, Over 7 To 12, Add</i>	229.44	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated.....	1,230.67	358.45
			<i>For >50 To 75, Deduct</i>	-20.55	
			<i>For >75 To 100, Deduct</i>	-53.88	
			<i>For >100 To 200, Deduct</i>	-92.35	
			<i>For >200, Deduct</i>	-125.69	
			<i>For Steep Roof, Over 7 To 12, Add</i>	229.44	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated.....	1,021.64	358.45
			<i>For >50 To 75, Deduct</i>	-12.19	
			<i>For >75 To 100, Deduct</i>	-39.25	
			<i>For >100 To 200, Deduct</i>	-69.36	
			<i>For >200, Deduct</i>	-96.42	
			<i>For Steep Roof, Over 7 To 12, Add</i>	229.44	
07 32 16 00-0005	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes.....	959.23	320.71
			<i>For >50 To 75, Deduct</i>	-12.71	
			<i>For >75 To 100, Deduct</i>	-38.28	
			<i>For >100 To 200, Deduct</i>	-67.02	
			<i>For >200, Deduct</i>	-92.59	
			<i>For Steep Roof, Over 7 To 12, Add</i>	205.29	

07 32 16 00-0006 Accessories (07 32 16)

07 32 16 00-0007	EA		Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof.....	4.41	
07 32 16 00-0008	EA		Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof.....	2.90	
07 32 16 00-0009	EA		Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof.....	4.38	
07 32 16 00-0010	EA		Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof.....	5.02	
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof.....	5.23	

07 34 Roofing Underlayment (07 30)

07 Thermal And Moisture Protection

07 30 Steep Slope Roofing

07 34 Roofing Underlayment

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0001			Mechanically Fastened, Roofing Underlayment (07 34) Note: Standard slope.		
07 34 00 00-0002	SQ		15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	27.37	7.27
			For Steep Roof, Over 7 To 12, Add	4.66	
			For >50 To 75, Deduct	-0.51	
			For >75 To 100, Deduct	-1.26	
			For >100 To 200, Deduct	-2.14	
			For >200, Deduct	-3.25	
07 34 00 00-0003	SQ		30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	41.43	10.00
			For Steep Roof, Over 7 To 12, Add	6.40	
			For >50 To 75, Deduct	-0.86	
			For >75 To 100, Deduct	-2.00	
			For >100 To 200, Deduct	-3.36	
			For >200, Deduct	-5.00	
07 34 00 00-0004	SQ		30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened.....	45.46	10.00
			For Steep Roof, Over 7 To 12, Add	6.40	
			For >50 To 75, Deduct	-1.02	
			For >75 To 100, Deduct	-2.28	
			For >100 To 200, Deduct	-3.80	
			For >200, Deduct	-5.56	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	53.20	15.16
			For Steep Roof, Over 7 To 12, Add	9.70	
			For >50 To 75, Deduct	-0.92	
			For >75 To 100, Deduct	-2.36	
			For >100 To 200, Deduct	-4.03	
			For >200, Deduct	-6.24	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25).....	57.98	15.16
			For Steep Roof, Over 7 To 12, Add	9.70	
			For >50 To 75, Deduct	-1.11	
			For >75 To 100, Deduct	-2.69	
			For >100 To 200, Deduct	-4.56	
			For >200, Deduct	-6.90	
07 34 00 00-0007	SQ		25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30).....	65.85	15.16
			For Steep Roof, Over 7 To 12, Add	9.70	
			For >50 To 75, Deduct	-1.42	
			For >75 To 100, Deduct	-3.25	
			For >100 To 200, Deduct	-5.42	
			For >200, Deduct	-8.01	
07 34 00 00-0008	SQ		30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	61.91	15.16
			For Steep Roof, Over 7 To 12, Add	9.70	
			For >50 To 75, Deduct	-1.26	
			For >75 To 100, Deduct	-2.97	
			For >100 To 200, Deduct	-4.99	
			For >200, Deduct	-7.45	
07 34 00 00-0009			Self-Adhering, Roofing Underlayment (07 34) Note: Standard slope.		
07 34 00 00-0010	SQ		48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat).....	102.11	18.39
			For Steep Roof, Over 7 To 12, Add	11.76	
			For >50 To 75, Deduct	-2.61	
			For >75 To 100, Deduct	-5.49	
			For >100 To 200, Deduct	-9.03	
			For >200, Deduct	-12.83	
07 34 00 00-0011	SQ		60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	147.75	18.39
			For Steep Roof, Over 7 To 12, Add	11.76	
			For >50 To 75, Deduct	-4.44	
			For >75 To 100, Deduct	-8.69	
			For >100 To 200, Deduct	-14.05	
			For >200, Deduct	-19.21	
07 34 00 00-0012	SQ		53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	107.75	18.39
			For Steep Roof, Over 7 To 12, Add	11.76	
			For >50 To 75, Deduct	-2.84	
			For >75 To 100, Deduct	-5.89	
			For >100 To 200, Deduct	-9.65	
			For >200, Deduct	-13.61	
07 34 00 00-0013	SQ		65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	102.11	18.39
			For Steep Roof, Over 7 To 12, Add	11.76	
			For >50 To 75, Deduct	-2.61	
			For >75 To 100, Deduct	-5.49	
			For >100 To 200, Deduct	-9.03	
			For >200, Deduct	-12.83	
07 34 00 00-0014	SQ		45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	141.17	18.39
			For Steep Roof, Over 7 To 12, Add	11.76	
			For >50 To 75, Deduct	-4.18	
			For >75 To 100, Deduct	-8.23	
			For >100 To 200, Deduct	-13.32	
			For >200, Deduct	-18.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0015	SQ		25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	120.54	18.39
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.76	
			<i>For >50 To 75, Deduct</i>	-3.35	
			<i>For >75 To 100, Deduct</i>	-6.78	
			<i>For >100 To 200, Deduct</i>	-11.05	
			<i>For >200, Deduct</i>	-15.41	
07 34 00 00-0016	SQ		40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®).....	173.69	18.39
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.76	
			<i>For >50 To 75, Deduct</i>	-5.48	
			<i>For >75 To 100, Deduct</i>	-10.50	
			<i>For >100 To 200, Deduct</i>	-16.90	
			<i>For >200, Deduct</i>	-22.85	
07 34 00 00-0017	SQ		40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	196.97	18.39
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.76	
			<i>For >50 To 75, Deduct</i>	-6.41	
			<i>For >75 To 100, Deduct</i>	-12.13	
			<i>For >100 To 200, Deduct</i>	-19.46	
			<i>For >200, Deduct</i>	-26.11	
07 34 00 00-0018	SQ		30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....	284.31	18.39
			<i>For Steep Roof, Over 7 To 12, Add</i>	11.76	
			<i>For >50 To 75, Deduct</i>	-9.90	
			<i>For >75 To 100, Deduct</i>	-18.25	
			<i>For >100 To 200, Deduct</i>	-29.07	
			<i>For >200, Deduct</i>	-38.33	

07 40 Roofing And Siding Panels (07)

07 41 Roof Panels (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001 Exposed Fastener Metal Roofing (07 41 13)

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)

07 41 13 00-0004	SF		18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.58	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	
07 41 13 00-0005	SF		20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.91	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	
07 41 13 00-0006	SF		22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.44	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	
07 41 13 00-0007	SF		24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.98	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	
07 41 13 00-0008	SF		26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	4.17	0.85
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.76	
07 41 13 00-0009	SF		29 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.26	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	
07 41 13 00-0010	SF		30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.13	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002)

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF		Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....	26.96	3.78
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.80	
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	1.20	
07 41 13 00-0013	LF		Eave Flashing For Galvanized Steel Exposed Fastener Roofing.....	22.09	3.78
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.80	
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.71	
07 41 13 00-0014	LF		Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....	31.66	3.78
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.80	
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	1.67	
07 41 13 00-0015	LF		Hip Flashing For Galvanized Steel Exposed Fastener Roofing.....	27.39	3.78
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.80	
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	1.24	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)

07 41 13 00-0018	SF		0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	4.80	2.36
			<i>For Fluoropolymer (Kynar®) Coating, Add</i>	0.89	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.21	

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 41 Roof Panels**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 41 13 00-0019	SF 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.96 0.89 1.21	2.36
07 41 13 00-0020	SF 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.36 0.89 1.21	2.36
07 41 13 00-0021	SF 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.89 0.89 1.21	2.36
07 41 13 00-0022	SF 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	6.41 0.89 1.21	2.36
07 41 13 00-0023	SF 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels <i>For Fluoropolymer (Kynar®) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	7.07 0.89 1.21	2.36
07 41 13 00-0024	Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025	LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	24.27 3.02 1.48	3.78
07 41 13 00-0026	LF Eave Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	18.18 3.02 0.88	3.78
07 41 13 00-0027	LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	30.14 3.02 2.07	3.78
07 41 13 00-0028	LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	24.81 3.02 1.54	3.78
07 41 13 00-0029	Standing Seam Roofs (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030	Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0031	Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)		
07 41 13 00-0032	SF Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	10.45 1.50 0.61 1.45 2.61 1.57 0.26	2.50
07 41 13 00-0033	SF Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	10.96 1.50 0.62 1.47 2.74 1.64 0.27	2.50
07 41 13 00-0034	SF Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	10.00 1.50 0.60 1.43 2.50 1.50 0.25	2.50
07 41 13 00-0035	SF Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	10.18 1.50 0.60 1.43 2.55 1.53 0.25	2.50
07 41 13 00-0036	SF Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	10.38 1.50 0.61 1.44 2.60 1.56 0.26	2.50
07 41 13 00-0037	SF Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	11.12 1.50 0.62 1.48 2.78 1.67 0.28	2.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0038			Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)		
07 41 13 00-0039	LF		Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	28.15	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.76	
07 41 13 00-0040	LF		Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	22.80	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.66	
07 41 13 00-0041	LF		Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	33.32	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.87	
07 41 13 00-0042	LF		Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	28.62	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.77	
07 41 13 00-0043			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
			Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0043)		
07 41 13 00-0045	SF		Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	10.81	2.50
			For Steep Roof, Over 6 To 12, Add	1.50	
			For 140 MPH Wind Load, Add	0.62	
			For Panels <16" Wide, Add	1.47	
			For Up To 1,500, Add	2.70	
			For >1,500 To 5,000, Add	1.62	
			For >5,000 To 10,000, Add	0.27	
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	11.24	2.50
			For Steep Roof, Over 6 To 12, Add	1.50	
			For 140 MPH Wind Load, Add	0.62	
			For Panels <16" Wide, Add	1.49	
			For Up To 1,500, Add	2.81	
			For >1,500 To 5,000, Add	1.69	
			For >5,000 To 10,000, Add	0.28	
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	10.56	2.50
			For Steep Roof, Over 6 To 12, Add	1.50	
			For 140 MPH Wind Load, Add	0.61	
			For Panels <16" Wide, Add	1.45	
			For Up To 1,500, Add	2.64	
			For >1,500 To 5,000, Add	1.58	
			For >5,000 To 10,000, Add	0.26	
07 41 13 00-0048	SF		Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	11.36	2.50
			For Steep Roof, Over 6 To 12, Add	1.50	
			For 140 MPH Wind Load, Add	0.63	
			For Panels <16" Wide, Add	1.49	
			For Up To 1,500, Add	2.84	
			For >1,500 To 5,000, Add	1.70	
			For >5,000 To 10,000, Add	0.28	
07 41 13 00-0049			Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)		
07 41 13 00-0050	LF		Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	31.32	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.83	
07 41 13 00-0051	LF		Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	24.63	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.69	
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	37.78	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.96	
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	31.91	6.00
			For Steep Roof, Over 6 To 12, Add	4.50	
			For 140 MPH Wind Load, Add	1.84	
07 41 13 00-0054			Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0055			Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0056	SF		Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	20.03	3.00
			For Steep Roof, Over 6 To 12, Add	2.25	
			For 140 MPH Wind Load, Add	1.00	
			For Panels <16" Wide, Add	2.39	
			For Up To 1,500, Add	5.01	
			For >1,500 To 5,000, Add	3.00	
			For >5,000 To 10,000, Add	0.50	
07 41 13 00-0057	SF		Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	22.69	3.00
			For Steep Roof, Over 6 To 12, Add	2.25	
			For 140 MPH Wind Load, Add	1.05	
			For Panels <16" Wide, Add	2.52	
			For Up To 1,500, Add	5.67	
			For >1,500 To 5,000, Add	3.40	
			For >5,000 To 10,000, Add	0.57	
07 41 13 00-0058	SF		Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	25.86	3.00
			For Steep Roof, Over 6 To 12, Add	2.25	
			For 140 MPH Wind Load, Add	1.12	
			For Panels <16" Wide, Add	2.68	
			For Up To 1,500, Add	6.47	
			For >1,500 To 5,000, Add	3.88	
			For >5,000 To 10,000, Add	0.65	

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 41 Roof Panels**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	29.91	3.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.25	
		<i>For 140 MPH Wind Load, Add</i>	1.20	
		<i>For Panels <16" Wide, Add</i>	2.88	
		<i>For Up To 1,500, Add</i>	7.48	
		<i>For >1,500 To 5,000, Add</i>	4.49	
		<i>For >5,000 To 10,000, Add</i>	0.75	
07 41 13 00-0060		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	65.85	6.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	5.06	
		<i>For 140 MPH Wind Load, Add</i>	2.67	
07 41 13 00-0062	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	42.13	6.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	5.06	
		<i>For 140 MPH Wind Load, Add</i>	2.19	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	88.27	6.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	5.06	
		<i>For 140 MPH Wind Load, Add</i>	3.12	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	67.62	6.00
		<i>For Steep Roof, Over 6 To 12, Add</i>	5.06	
		<i>For 140 MPH Wind Load, Add</i>	2.70	
07 41 13 00-0065		Metal Roof Surfacing (07 41 13)		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.35	
		<i>For Steep Roof, Over 7 To 12, Add</i>	0.06	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat	0.49	
		Note: 55% solids by volume.		
		<i>For Steep Roof, Over 7 To 12, Add</i>	0.06	
07 41 33		Plastic Roof Panels (07 41)		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	5.55	2.02
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	5.26	1.82
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	5.72	2.02
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	5.40	1.82
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim.....	3.50	1.51
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim.....	4.77	1.51
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	5.14	1.51
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket.....	4.15	1.51
07 41 33 00-0012		Fiberglass Roofing Panel (07 41 33)		
07 41 33 00-0013		Corrugated Panels (07 41 33 00-0012)		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	5.50	1.62
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	6.23	1.62
07 42		Wall Panels (07 40)		
07 42 13		Metal Wall Panels (07 42)		
07 42 13 19		Insulated Metal Wall Panels (07 42 13)		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement (07 42 13 19)		
		Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement.....	19.74	4.05
		<i>For Non-Insulated Panels, Deduct</i>	-2.89	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement.....	21.40	4.56
		<i>For Non-Insulated Panels, Deduct</i>	-3.09	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement.....	22.90	5.06
		<i>For Non-Insulated Panels, Deduct</i>	-3.29	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement.....	24.51	5.27
		<i>For Non-Insulated Panels, Deduct</i>	-3.49	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement.....	27.74	5.78
		<i>For Non-Insulated Panels, Deduct</i>	-4.06	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement.....	32.12	6.38
		<i>For Non-Insulated Panels, Deduct</i>	-4.87	
07 42 13 23		Metal Composite Material Wall Panels (07 42 13)		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07 42 13 23)		
		Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 42 13 23-0002	SF		2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	15.51 0.24 0.12	2.17
07 42 13 23-0003	SF		2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	17.51 0.24 0.12	2.45
07 42 13 23-0004	SF		3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	19.23 0.24 0.12	2.78
07 42 13 23-0005	SF		4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	21.67 0.24 0.12	3.68

07 42 63 Fabricated Wall Panel Assemblies (07 42)

07 42 63 00-0001 Insulated Freezer And Chiller Panels (07 42 63)
Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel (07 42 63 00-0001)
Note: With 22 gauge galvanized sheet metal face excludes painting.

07 42 63 00-0003	SF		2" 22 Gauge Freezer Panel Sheet Metal Both Faces	16.19	1.60
07 42 63 00-0004	SF		3" 22 Gauge Freezer Panel Sheet Metal Both Faces	17.13	1.60
07 42 63 00-0005	SF		4" 22 Gauge Freezer Panel Sheet Metal Both Faces	20.31	1.60
07 42 63 00-0006	SF		5" 22 Gauge Freezer Panel Sheet Metal Both Faces	21.97	1.70
07 42 63 00-0007	SF		6" 22 Gauge Freezer Panel Sheet Metal Both Faces	23.31	1.70
07 42 63 00-0008	SF		2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	14.51	1.32
07 42 63 00-0009	SF		3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	15.75	1.32
07 42 63 00-0010	SF		4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	18.91	1.41
07 42 63 00-0011	SF		5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	18.36	1.41
07 42 63 00-0012	SF		6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	21.55	1.41

07 42 63 00-0013 Polyurethane Sandwich Panel (07 42 63 00-0001)
Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF		2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.27	1.60
07 42 63 00-0015	SF		3" Freezer Panel 0.040" Aluminum Finish Both Faces	10.92	1.60
07 42 63 00-0016	SF		4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.62	1.60
07 42 63 00-0017	SF		5" Freezer Panel 0.040" Aluminum Finish Both Faces	13.69	1.70
07 42 63 00-0018	SF		6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.44	1.70
07 42 63 00-0019	SF		2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.18	1.32
07 42 63 00-0020	SF		3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.83	1.32
07 42 63 00-0021	SF		4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.53	1.41
07 42 63 00-0022	SF		5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.22	1.41
07 42 63 00-0023	SF		6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.27	1.41

07 42 93 Soffit Panels (07 42)

07 42 93 00-0001 Aluminum Soffit And Fascia (07 42 93)
Note: Excludes J-channel.

07 42 93 00-0002	LF		6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	3.72 -0.06	1.42
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	4.44 -0.09	1.49
07 42 93 00-0004	LF		1" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	4.80 -0.11	1.53
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	5.82 -0.19	1.61
07 42 93 00-0006	LF		2" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	7.02 -0.25	1.76
07 42 93 00-0007	LF		3" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	9.11 -0.38	1.94
07 42 93 00-0008	LF		4" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	11.23 -0.49	2.15
07 42 93 00-0009	LF		5" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit For 0.015" Thick, Deduct	13.40 -0.62	2.36
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia	4.20	1.39
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia	4.54	1.42
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia	5.20	1.46
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia	5.91	1.49

07 46 Siding (07 40)

07 46 16 Aluminum Siding (07 46)

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding (07 46 16)
Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF		0.016" Thick, Aluminum Clad Siding	9.38	3.35
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding	9.48	3.35
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding	9.65	3.35

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 46 Siding**
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07 46 16 00-0005	Aluminum Siding Panels <small>(07 46 16)</small>		
07 46 16 00-0006	Corrugated Aluminum Siding Panels <small>(07 46 16 00-0005)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0007	SF 0.019", Painted Finish, Corrugated Aluminum Siding Panel	6.29	1.88
07 46 16 00-0008	SF 0.021", Painted Finish, Corrugated Aluminum Siding Panel	6.53	1.88
07 46 16 00-0009	SF 0.024", Painted Finish, Corrugated Aluminum Siding Panel	7.28	1.88
07 46 16 00-0010	SF 0.032", Painted Finish, Corrugated Aluminum Siding Panel	8.74	1.88
07 46 16 00-0011	V- Beam Aluminum Siding Panels <small>(07 46 16 00-0005)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012	SF 0.032", Painted Finish, V- Beam Aluminum Siding Panel	8.68	1.88
07 46 16 00-0013	SF 0.040", Painted Finish, V- Beam Aluminum Siding Panel	9.66	1.88
07 46 16 00-0014	SF 0.050", Painted Finish, V- Beam Aluminum Siding Panel	11.98	1.88
07 46 16 00-0015	Box Ribbed Aluminum Siding Panels <small>(07 46 16 00-0005)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016	SF 0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	9.10	1.88
07 46 16 00-0017	SF 0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	10.04	1.88
07 46 16 00-0018	SF 0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	10.62	1.88
07 46 16 00-0019	Aluminum Siding Accessories <small>(07 46 16)</small>		
07 46 16 00-0020	LF 3/8" Pocket, Aluminum J-Channel	2.96	1.33
07 46 16 00-0021	LF 1/2" Pocket, Aluminum J-Channel	2.96	1.33
07 46 16 00-0022	LF 3/4" Pocket, Aluminum J-Channel	3.35	1.33
07 46 16 00-0023	LF 3/8" Pocket, Aluminum F-Channel	3.03	1.33
07 46 16 00-0024	LF 1/2" Pocket, Aluminum F-Channel	3.03	1.33
07 46 19	Steel Siding <small>(07 46)</small>		
	Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001	Steel Siding Panels <small>(07 46 19)</small>		
07 46 19 00-0002	Corrugated Steel Siding Panels <small>(07 46 19 00-0001)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF 20 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.22	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	1.11	
07 46 19 00-0004	SF 22 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.62	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.96	
07 46 19 00-0005	SF 24 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.48	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.93	
07 46 19 00-0006	SF 26 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.73	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.49	
07 46 19 00-0007	SF 28 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.61	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.46	
07 46 19 00-0008	SF 30 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.53	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.44	
07 46 19 00-0009	Box Ribbed Steel Siding Panels <small>(07 46 19 00-0001)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF 20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.76	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	1.00	
07 46 19 00-0011	SF 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.50	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.93	
07 46 19 00-0012	SF 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.32	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.89	
07 46 19 00-0013	SF 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.02	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.81	
07 46 19 00-0014	SF 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	6.39	1.88
	<i>For Galvanized Instead Of Painted Steel, Add</i>	0.66	
07 46 19 00-0015	Clapboard Steel Siding Panels <small>(07 46 19 00-0001)</small>		
	Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF 29 Gauge, Painted Finish, Clapboard Steel Siding Panel	5.84	0.95
07 46 23	Wood Siding <small>(07 46)</small>		
	Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001	Wood Lap Siding <small>(07 46 23)</small>		
07 46 23 00-0002	LF 8" Wide Rough Sawn Cedar Lap Siding	3.35	1.38
07 46 23 00-0003	LF 10" Wide Rough Sawn Cedar Lap Siding	3.66	1.47
07 46 23 00-0004	LF 12" Wide Rough Sawn Cedar Lap Siding	3.98	1.58
07 46 23 00-0005	LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.52	1.38
07 46 23 00-0006	LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better	3.81	1.38
07 46 23 00-0007	LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.44	1.38
07 46 23 00-0008	LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding	4.68	1.38
07 46 23 00-0009	LF 6" To 8" Wide Clear Heart Redwood Lap Siding	4.33	1.38
07 46 23 00-0010	LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.68	1.47
07 46 23 00-0011	LF 1" x 8" Cedar Beveled Siding, Channel, Rustic	3.68	1.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 46 23 00-0012			Tongue And Groove Siding (07 46 23)		
07 46 23 00-0013	SF		1" x 6" Tongue And Groove Southern Yellow Pine Siding.....	3.33	1.38
07 46 23 00-0014	SF		1" x 8" Tongue And Groove Southern Yellow Pine Siding.....	3.59	1.38
07 46 23 00-0015	SF		1" x 6" 105 Southern Yellow Pine Siding.....	3.39	1.38
07 46 23 00-0016	SF		1" x 8" 105 Southern Yellow Pine Siding.....	3.74	1.38

07 46 29 Plywood Siding (07 46)
 Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 29 00-0001			T-111 Siding (07 46 29)		
07 46 29 00-0002	SF		5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	2.48	0.72
			For Pressure Treated, Add	0.18	

07 46 33 Plastic Siding (07 46)
 Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 33 00-0001			Vinyl Siding (07 46 33) Note: Includes standard manufacturer's colors.		
07 46 33 00-0002			Vinyl Siding Panels (07 46 33 00-0001) Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003			Horizontal Vinyl Siding Panels (07 46 33 00-0002) Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF		7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.36	1.73
			For 0.040" Thick, Deduct	-0.13	
			For 0.042" Thick, Deduct	0.07	
			For 0.046" Thick, Add	0.37	
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0005	SF		8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.15	1.63
			For 0.040" Thick, Deduct	-0.13	
			For 0.042" Thick, Deduct	0.07	
			For 0.046" Thick, Add	0.37	
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0006	SF		9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.00	1.56
			For 0.040" Thick, Deduct	-0.13	
			For 0.042" Thick, Deduct	0.07	
			For 0.046" Thick, Add	0.37	
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0007	SF		10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.85	1.48
			For 0.040" Thick, Deduct	-0.13	
			For 0.042" Thick, Deduct	0.07	
			For 0.046" Thick, Add	0.37	
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0008	SF		12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.64	1.38
			For 0.040" Thick, Deduct	-0.13	
			For 0.042" Thick, Deduct	0.07	
			For 0.046" Thick, Add	0.37	
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0009			Vertical Vinyl Siding Panels (07 46 33 00-0002)		
07 46 33 00-0010	SF		7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	5.05	1.73
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0011			Vinyl Siding Accessories (07 46 33 00-0001)		
07 46 33 00-0012	LF		3/4" Pocket, Outside Corner Post For Vinyl Siding.....	4.92	1.33
			For Manufacturer's Custom Colors, Add	0.11	
07 46 33 00-0013	LF		1-1/8" Pocket, Outside Corner Post For Vinyl Siding.....	8.39	1.33
			For Manufacturer's Custom Colors, Add	0.29	
07 46 33 00-0014	LF		3/4" Pocket, Inside Corner Post For Vinyl Siding.....	4.05	1.33
			For Manufacturer's Custom Colors, Add	0.07	
07 46 33 00-0015	LF		1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	4.78	1.33
			For Manufacturer's Custom Colors, Add	0.11	
07 46 33 00-0016	LF		3/8" Pocket, J-Channel For Vinyl Siding.....	3.14	1.33
			For Manufacturer's Custom Colors, Add	0.03	
07 46 33 00-0017	LF		1/2" Pocket, J-Channel For Vinyl Siding.....	2.98	1.33
			For Manufacturer's Custom Colors, Add	0.03	
07 46 33 00-0018	LF		5/8" Pocket, J-Channel For Vinyl Siding.....	2.94	1.33
			For Manufacturer's Custom Colors, Add	0.02	
07 46 33 00-0019	LF		3/4" Pocket, J-Channel For Vinyl Siding.....	3.05	1.33
			For Manufacturer's Custom Colors, Add	0.03	
07 46 33 00-0020	LF		1" Pocket, J-Channel For Vinyl Siding.....	3.55	1.33
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0021	LF		1-1/4" Pocket, J-Channel For Vinyl Siding.....	3.80	1.33
			For Manufacturer's Custom Colors, Add	0.06	
07 46 33 00-0022	LF		2-1/2" Pocket, J-Channel For Vinyl Siding.....	4.34	1.33
			For Manufacturer's Custom Colors, Add	0.05	
07 46 33 00-0023	LF		1/2" Pocket, F-Channel For Vinyl Siding.....	2.90	1.33
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0024	LF		3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	6.35	1.83
			For Manufacturer's Custom Colors, Add	0.13	
07 46 33 00-0025	LF		3/4" Pocket, 5" Lineal Trim For Vinyl Siding.....	6.59	1.83
			For Manufacturer's Custom Colors, Add	0.15	
07 46 33 00-0026	LF		1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	7.13	1.83
			For Manufacturer's Custom Colors, Add	0.17	

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0027	LF		3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.91 0.06	1.33
07 46 33 00-0028	LF		Vinyl Starter Strip For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	4.68 0.10	1.33
07 46 33 00-0029	LF		Undersill Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	4.12 0.07	1.33
07 46 33 00-0030			Vinyl Soffit And Fascia (07 46 33 00-0001) Note: Excludes J-channel.		
07 46 33 00-0031	LF		6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	3.67 -0.36 -0.31 0.04	1.42
07 46 33 00-0032	LF		10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	4.35 -0.61 -0.52 0.07	1.49
07 46 33 00-0033	LF		1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	4.69 -0.75 -0.61 0.08	1.53
07 46 33 00-0034	LF		1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	5.66 -1.11 -0.94 0.12	1.61
07 46 33 00-0035	LF		2" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	6.81 -1.50 -1.24 0.16	1.76
07 46 33 00-0036	LF		3" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	8.79 -2.25 -1.87 0.25	1.94
07 46 33 00-0037	LF		4" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	10.81 -3.00 -2.50 0.33	2.15
07 46 33 00-0038	LF		5" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	12.88 -3.74 -3.13 0.41	2.36
07 46 33 00-0039	LF		4" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	3.76 0.05	1.39
07 46 33 00-0040	LF		6" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	4.12 0.06	1.42
07 46 33 00-0041	LF		8" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	4.10 0.06	1.46
07 46 33 00-0042	LF		10" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	4.59 0.08	1.49
07 46 33 00-0043			Fiberglass Siding (07 46 33)		
07 46 33 00-0044			Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045	SF		6 Ounce Corrugated Fiberglass Panels.....	5.62	2.05
07 46 33 00-0046	SF		8 Ounce Corrugated Fiberglass Panels.....	5.93	1.83
07 46 33 00-0047	SF		12 Ounce Corrugated Fiberglass Panels.....	6.48	1.83
07 46 33 00-0048			Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF		6 Ounce Flat Fiberglass Panels.....	5.42	1.83
07 46 33 00-0050	SF		8 Ounce Flat Fiberglass Panels.....	5.93	1.83
07 46 46			Fiber-Cement Siding (07 46)		
			Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001			5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002	SF		5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.71	2.15
07 46 46 00-0003	SF		6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.44	2.05
07 46 46 00-0004	SF		7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.32	1.99
07 46 46 00-0005	SF		8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.19	1.93
07 46 46 00-0006	SF		9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.96	1.83
07 46 46 00-0007	SF		12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.72	1.73
07 46 46 00-0008	LF		Starter Strip, Fiber Cement Lap Siding.....	1.25	0.51
07 46 46 00-0009			Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF		Fiber Cement Shingle Siding.....	8.15	1.88
07 46 46 00-0011			Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF		Fiber Cement Vertical Panel Siding.....	4.18	1.53
07 46 46 00-0013			Fiber Cement Trim Boards (07 46 46)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 46 46 00-0014			7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0015	LF		4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	2.74	1.02
07 46 46 00-0016	LF		6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.41	1.12
07 46 46 00-0017	LF		8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.04	1.23
07 46 46 00-0018	LF		12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	5.23	1.43
07 46 46 00-0019			3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020	LF		4" Wide, 3/4" Thick, Fiber Cement Trim Board.....	2.86	1.02
07 46 46 00-0021	LF		6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.58	1.12
07 46 46 00-0022	LF		8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.33	1.23
07 46 46 00-0023	LF		12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.59	1.43
07 46 46 00-0024			1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025	LF		4" Wide, 1" Thick, Fiber Cement Trim Board.....	3.00	1.02
07 46 46 00-0026	LF		6" Wide, 1" Thick, Fiber Cement Trim Board.....	3.84	1.12
07 46 46 00-0027	LF		8" Wide, 1" Thick, Fiber Cement Trim Board.....	4.70	1.23
07 46 46 00-0028	LF		12" Wide, 1" Thick, Fiber Cement Trim Board.....	6.18	1.43
07 46 46 00-0029			Fiber Cement Fascia Board (07 46 46)		
07 46 46 00-0030	LF		5/4" x 3-1/2" Fiber Cement Fascia Board.....	5.30	2.03
07 46 46 00-0031	LF		5/4" x 5-1/2" Fiber Cement Fascia Board.....	6.49	2.25
07 46 46 00-0032	LF		5/4" x 7-1/4" Fiber Cement Fascia Board.....	7.11	2.25
07 46 46 00-0033	LF		5/4" x 11-1/4" Fiber Cement Fascia Board.....	9.27	2.64
07 46 46 00-0034			Fiber Cement Soffit Boards (07 46 46)		
07 46 46 00-0035	SF		1/4" Thick, Non Vented Fiber Cement Soffit.....	5.24	1.46
07 46 46 00-0036	SF		1/4" Thick, Vented Fiber Cement Soffit.....	5.53	1.46

07 46 63 Fabricated Panel Assemblies With Siding (07 46)

07 46 63 00-0001			Metal Liner Panels (07 46 63)		
07 46 63 00-0002			Galvanized Metal Liner Panels (07 46 63 00-0001)		
07 46 63 00-0003	SF		24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	9.19	1.62
07 46 63 00-0004	SF		22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	10.15	1.62
07 46 63 00-0005	SF		20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	11.84	1.62
07 46 63 00-0006	SF		18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	12.01	1.62

07 50 Membrane Roofing (07)

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing (07 50)

07 51 13 Built-Up Asphalt Roofing (07 51)

07 51 13 00-0001			Built-Up Asphalt Roofing Components (07 51 13)		
07 51 13 00-0002			Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.					
07 51 13 00-0003			Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes applying cold adhesive and embedding the membrane.					
07 51 13 00-0004			Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)		
07 51 13 00-0005	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied.....	76.77	
			For Up To 10, Add	21.72	
			For >10 To 20, Add	12.45	
			For >20 To 40, Add	7.02	
			For >75 To 100, Deduct	-3.51	
			For >100 To 200, Deduct	-7.82	
			For >200, Deduct	-11.33	
07 51 13 00-0006	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied.....	193.88	
			For Up To 10, Add	45.14	
			For >10 To 20, Add	24.16	
			For >20 To 40, Add	12.88	
			For >75 To 100, Deduct	-6.44	
			For >100 To 200, Deduct	-13.67	
			For >200, Deduct	-20.11	
07 51 13 00-0007			Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)		
07 51 13 00-0008	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied.....	5.01	
07 51 13 00-0009			Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes mopping hot asphalt and embedding the membrane.					

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0010	Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0009)</small>		
07 51 13 00-0011	SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	59.37	
	For Up To 10, Add	18.33	
	For >10 To 20, Add	10.78	
	For >20 To 40, Add	6.20	
	For >75 To 100, Deduct	-3.10	
	For >100 To 200, Deduct	-7.00	
	For >200, Deduct	-10.10	
07 51 13 00-0012	SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	62.71	
	For Up To 10, Add	19.00	
	For >10 To 20, Add	11.11	
	For >20 To 40, Add	6.36	
	For >75 To 100, Deduct	-3.18	
	For >100 To 200, Deduct	-7.17	
	For >200, Deduct	-10.35	
07 51 13 00-0013	SQ Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	66.50	
	For Up To 10, Add	19.75	
	For >10 To 20, Add	11.49	
	For >20 To 40, Add	6.55	
	For >75 To 100, Deduct	-3.28	
	For >100 To 200, Deduct	-7.36	
	For >200, Deduct	-10.63	
07 51 13 00-0014	SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	108.58	
	For Up To 10, Add	28.17	
	For >10 To 20, Add	15.70	
	For >20 To 40, Add	8.66	
	For >75 To 100, Deduct	-4.33	
	For >100 To 200, Deduct	-9.46	
	For >200, Deduct	-13.79	
07 51 13 00-0015	SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	176.48	
	For Up To 10, Add	41.75	
	For >10 To 20, Add	22.49	
	For >20 To 40, Add	12.05	
	For >75 To 100, Deduct	-6.03	
	For >100 To 200, Deduct	-12.86	
	For >200, Deduct	-18.88	
07 51 13 00-0016	SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	137.33	
	For Up To 10, Add	34.53	
	For >10 To 20, Add	19.03	
	For >20 To 40, Add	10.40	
	For >75 To 100, Deduct	-5.20	
	For >100 To 200, Deduct	-11.28	
	For >200, Deduct	-16.48	
07 51 13 00-0017	Hot-Mopped, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0009)</small>		
07 51 13 00-0018	SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	3.43	
07 51 13 00-0019	Mechanically Fastened, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
	Note: Includes fasteners.		
07 51 13 00-0020	Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0019)</small>		
07 51 13 00-0021	SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	56.60	
	For Up To 10, Add	14.50	
	For >10 To 20, Add	8.05	
	For >20 To 40, Add	4.42	
	For >75 To 100, Deduct	-2.21	
	For >100 To 200, Deduct	-4.82	
	For >200, Deduct	-7.03	
07 51 13 00-0022	SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	102.47	
	For Up To 10, Add	23.68	
	For >10 To 20, Add	12.63	
	For >20 To 40, Add	6.71	
	For >75 To 100, Deduct	-3.36	
	For >100 To 200, Deduct	-7.11	
	For >200, Deduct	-10.47	
07 51 13 00-0023	SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	170.37	
	For Up To 10, Add	37.26	
	For >10 To 20, Add	19.42	
	For >20 To 40, Add	10.11	
	For >75 To 100, Deduct	-5.05	
	For >100 To 200, Deduct	-10.51	
	For >200, Deduct	-15.56	
07 51 13 00-0024	Mechanically Fastened, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0019)</small>		
07 51 13 00-0025	SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	4.01	
07 51 13 00-0026	Asphalt Saturated Organic Felt <small>(07 51 13 00-0001)</small>		
07 51 13 00-0027	Cold Adhesive Applied, Asphalt Saturated Organic Felt <small>(07 51 13 00-0026)</small>		
	Note: Includes applying cold adhesive and embedding the felt.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0028	SQ	15 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied.....	74.68	
			<i>For Up To 10, Add</i>	21.30	
			<i>For >10 To 20, Add</i>	12.24	
			<i>For >20 To 40, Add</i>	6.92	
			<i>For >75 To 100, Deduct</i>	-3.46	
			<i>For >100 To 200, Deduct</i>	-7.71	
			<i>For >200, Deduct</i>	-11.17	
07 51 13 00-0029	SQ	30 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied.....	83.29	
			<i>For Up To 10, Add</i>	23.03	
			<i>For >10 To 20, Add</i>	13.11	
			<i>For >20 To 40, Add</i>	7.35	
			<i>For >75 To 100, Deduct</i>	-3.67	
			<i>For >100 To 200, Deduct</i>	-8.14	
			<i>For >200, Deduct</i>	-11.82	
07 51 13 00-0030			Hot-Mopped, Asphalt Saturated Organic Felt <small>(07 51 13 00-0026)</small>		
			Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped.....	57.28	
			<i>For Up To 10, Add</i>	17.91	
			<i>For >10 To 20, Add</i>	10.57	
			<i>For >20 To 40, Add</i>	6.09	
			<i>For >75 To 100, Deduct</i>	-3.05	
			<i>For >100 To 200, Deduct</i>	-6.90	
			<i>For >200, Deduct</i>	-9.94	
07 51 13 00-0032	SQ	30 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped.....	65.89	
			<i>For Up To 10, Add</i>	19.63	
			<i>For >10 To 20, Add</i>	11.43	
			<i>For >20 To 40, Add</i>	6.52	
			<i>For >75 To 100, Deduct</i>	-3.26	
			<i>For >100 To 200, Deduct</i>	-7.33	
			<i>For >200, Deduct</i>	-10.59	
07 51 13 00-0033			Mechanically Fastened, Asphalt Saturated Organic Felt <small>(07 51 13 00-0026)</small>		
			Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	28.73	
			<i>For Up To 10, Add</i>	8.93	
			<i>For >10 To 20, Add</i>	5.26	
			<i>For >20 To 40, Add</i>	3.03	
			<i>For >75 To 100, Deduct</i>	-1.51	
			<i>For >100 To 200, Deduct</i>	-3.43	
			<i>For >200, Deduct</i>	-4.94	
07 51 13 00-0035	SQ	30 LB,	Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	37.34	
			<i>For Up To 10, Add</i>	10.65	
			<i>For >10 To 20, Add</i>	6.12	
			<i>For >20 To 40, Add</i>	3.46	
			<i>For >75 To 100, Deduct</i>	-1.73	
			<i>For >100 To 200, Deduct</i>	-3.86	
			<i>For >200, Deduct</i>	-5.58	
07 51 13 00-0036			Surfacing <small>(07 51 13 00-0001)</small>		
07 51 13 00-0037	SQ	400 LB/SQ	Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat.....	129.82	
			<i>For Up To 10, Add</i>	41.88	
			<i>For >10 To 20, Add</i>	24.92	
			<i>For >20 To 40, Add</i>	14.45	
			<i>For >75 To 100, Deduct</i>	-7.23	
			<i>For >100 To 200, Deduct</i>	-16.44	
			<i>For >200, Deduct</i>	-23.67	
07 51 13 00-0038	SQ	400 LB/SQ	Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	180.49	
			<i>For Up To 10, Add</i>	52.02	
			<i>For >10 To 20, Add</i>	29.99	
			<i>For >20 To 40, Add</i>	16.98	
			<i>For >75 To 100, Deduct</i>	-8.49	
			<i>For >100 To 200, Deduct</i>	-18.97	
			<i>For >200, Deduct</i>	-27.47	
07 51 13 00-0039	CY		Gravel Roofing Ballast, Spread To Desired Thickness.....	138.30	
			Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ		Protective Polypropylene Fabric Mat, Loose Laid.....	33.85	
			Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
			<i>For Up To 10, Add</i>	8.87	
			<i>For >10 To 20, Add</i>	4.96	
			<i>For >20 To 40, Add</i>	2.74	
			<i>For >75 To 100, Deduct</i>	-1.37	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-4.38	
07 51 13 00-0041	SQ		Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat.....	81.42	
			Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
			<i>For Up To 10, Add</i>	20.11	
			<i>For >10 To 20, Add</i>	11.01	
			<i>For >20 To 40, Add</i>	5.98	
			<i>For >75 To 100, Deduct</i>	-2.99	
			<i>For >100 To 200, Deduct</i>	-6.46	
			<i>For >200, Deduct</i>	-9.45	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat.....	73.04
		Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	
		For Up To 10, Add	18.43
		For >10 To 20, Add	10.17
		For >20 To 40, Add	5.56
		For >75 To 100, Deduct	-2.78
		For >100 To 200, Deduct	-6.04
		For >200, Deduct	-8.82
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat.....	95.90
		Note: Reflective coating for use over smooth-surfaced built-up roofs.	
		For Up To 10, Add	23.00
		For >10 To 20, Add	12.46
		For >20 To 40, Add	6.71
		For >75 To 100, Deduct	-3.35
		For >100 To 200, Deduct	-7.18
		For >200, Deduct	-10.54
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....	96.65
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	
		For Up To 10, Add	23.15
		For >10 To 20, Add	12.53
		For >20 To 40, Add	6.74
		For >75 To 100, Deduct	-3.37
		For >100 To 200, Deduct	-7.22
		For >200, Deduct	-10.59
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	27.50
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....	99.73
		Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	
		For Up To 10, Add	23.77
		For >10 To 20, Add	12.84
		For >20 To 40, Add	6.90
		For >75 To 100, Deduct	-3.45
		For >100 To 200, Deduct	-7.38
		For >200, Deduct	-10.82
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	28.52
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast.....	1.80
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast.....	3.75
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....	29.75
07 51 13 00-0049		Walkway Pads (07 51 13 00-0001)	
		Note: Set in hot asphalt or cold adhesive.	
07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad.....	20.16
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad.....	23.77
07 51 13 00-0052		Cant And Tapered Edge Strips (07 51 13 00-0001)	
07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	3.61
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	3.69
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	4.08
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	3.67
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	3.78
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	4.05
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	4.51
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	4.63
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	5.10
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	5.05
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	5.91
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	6.52
07 51 13 00-0065		Asphalt Primer (07 51 13 00-0001)	
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems.....	28.05
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	
07 51 13 00-0067		Demolish Built-Up Roofing (07 51 13 00-0001)	
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.	
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	334.32
		For Up To 10, Add	83.07
		For >10 To 25, Add	49.84
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System.....	257.91
		Note: Includes protective surfacing.	
		For Up To 10, Add	64.08
		For >10 To 25, Add	38.45

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07 51 13 00-0070	Roofing System Warranty (07 51 13 00-0001)	
	Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.	
07 51 13 00-0071	EA Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	365.64
07 51 13 00-0072	SQ >50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	5.22
07 51 13 00-0073	EA Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	417.88
07 51 13 00-0074	SQ >50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.36
07 51 13 00-0075	EA Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	574.58
07 51 13 00-0076	SQ >50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	11.49
07 51 13 00-0077	Built-Up Roofing Components (Tremco) (07 51 13)	
	Note: All tasks presented as a single layer. Adhesives are priced separately.	
07 51 13 00-0078	Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0077)	
07 51 13 00-0079	SQ BURmastic Composite Ply, Cold Applied BUR Component.....	90.48
	Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	
07 51 13 00-0080	SQ BURmastic Premium Composite Ply, Cold Applied BUR Component	109.20
	Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0081	SQ BURmastic Supreme Composite Ply, Cold Applied BUR Component	120.64
	Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0082	SQ 28 LB BURmastic Glass Ply, Cold Applied BUR Component	28.10
	Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0083	SQ 33 LB BURmastic Glass Ply, Cold Applied BUR Component	40.08
	Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0084	SQ POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component	161.73
	Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	
07 51 13 00-0085	SQ POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component	149.72
	Note: A smooth surfaced, non woven fiberglass/scrium fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	
07 51 13 00-0086	Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0077)	
07 51 13 00-0087	SQ POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component	94.25
	Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0088	SQ POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component.....	243.71
	Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0089	SQ POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component	400.77
	Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0090	SQ POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component.....	110.99
	Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	
07 51 13 00-0091	SQ POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component	167.59
	Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	
07 51 13 00-0092	SQ POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component	399.14
	Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	
07 51 13 00-0093	SQ POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component.....	292.46
	Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	
07 51 13 00-0094	SQ POWERply HE FR Cap Sheet, Hot Applied BUR Component.....	285.87
	Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	
07 51 13 00-0095	Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0077)	
07 51 13 00-0096	SQ POWERply SA Base Sheet, Self Adhesive Roofing	166.61
	Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	
07 51 13 00-0097	SQ POWERply SA FR Membrane, Self Adhesive Roofing.....	333.60
	Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	
07 51 13 00-0098	Flashings (07 51 13 00-0077)	
07 51 13 00-0099	LF 11-1/2" Hypalon Elastomeric Flashing	11.66
	Note: 45 mils.	
07 51 13 00-0100	LF 19" Hypalon Elastomeric Flashing	19.17
	Note: 45 mils.	
07 51 13 00-0101	LF 25" Hypalon Elastomeric Flashing	25.47
	Note: 45 mils.	
07 51 13 00-0102	LF 38" Hypalon Elastomeric Flashing	37.20
	Note: 45 mils.	
07 51 13 00-0103	LF 60-1/2" Hypalon Elastomeric Flashing	61.53
	Note: 45 mils.	
07 51 13 00-0104	LF 12" TRA Elastomeric Flashing Membrane	9.53
	Note: Polyester reinforced flashing membrane. 45 mils.	
07 51 13 00-0105	LF 18" TRA Elastomeric Flashing Membrane	15.76
	Note: Polyester reinforced flashing membrane. 45 mils.	
07 51 13 00-0106	LF 24" TRA Elastomeric Flashing Membrane	21.01
	Note: Polyester reinforced flashing membrane. 45 mils.	

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07 51 13 00-0107	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	30.56
07 51 13 00-0108	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	51.54
07 51 13 00-0109	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.14
07 51 13 00-0110	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.24
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.50
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	11.55
07 51 13 00-0113		Cold Applied Adhesives (07 51 13 00-0077)	
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive.....	109.00
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive	179.06
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	137.07
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	109.00
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive.....	58.43
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive.....	125.53
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive.....	124.00
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	328.91
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC)..... Note: For insulation only.	180.82
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive.....	207.53
07 51 13 00-0124		Hot Applied Adhesives (07 51 13 00-0077)	
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	43.97
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive.....	76.60
07 51 13 00-0127		Flashings Adhesives (07 51 13 00-0077)	
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	15.96
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	19.98
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	13.55
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant.....	5.28
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant	5.39
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant	5.30
07 51 13 00-0134		Surfacing (07 51 13 00-0077)	
07 51 13 00-0135	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating.....	159.31
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating.....	359.43
07 51 13 00-0137	SQ	Polar Coat.....	97.68
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating.....	117.51
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	327.71
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	156.65
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....	41.79
07 51 13 00-0142		Walkway Protection Pads (07 51 13 00-0077)	
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	23.23
07 51 13 00-0144		Primer (07 51 13 00-0077)	
07 51 13 00-0145	SQ	TREMprime WB Primer	29.32
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating.....	55.27
07 51 13 00-0147		Liquid Applied Roofing (07 51 13 00-0077)	
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	274.07
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	280.91
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces..... Note: Two part liquid applied polyurethane roof coating. 48 mils.	347.22
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces	447.31
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating..... Note: Two part liquid applied polyurethane roof coating. 64 mils.	261.93
07 51 13 00-0153	SQ	AlphaGuard Glass Mat..... Note: Reinforcement mat for AlphaGuard systems.	39.43
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer	58.33
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer..... Note: Water based primer for metal and plastic surfaces.	61.83
07 51 13 00-0156	SQ	Geogard Primer	43.67
		Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	

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07 51 13 00-0157	SQ		AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	39.69	
07 51 13 00-0158			Atactic-Polypropylene (APP) Products (07 51 13 00-0077)		
07 51 13 00-0159	SQ		POWERply Atactic-Polypropylene (APP) Base Sheet	142.05	
07 51 13 00-0160	SQ		POWERply Atactic-Polypropylene (APP) FR	266.12	
07 51 13 00-0161	SQ		POWERply Atactic-Polypropylene (APP) Smooth	213.36	
07 51 13 00-0162			Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0077)		
07 51 13 00-0163	SQ		45 Mil Tri-Polymer Alloy (TPA) White Membrane	381.23	
07 51 13 00-0164	SQ		60 Mil Tri-Polymer Alloy (TPA) White Membrane	511.08	
07 51 13 00-0165	SQ		80 Mil Tri-Polymer Alloy (TPA) White Membrane	575.35	
07 51 13 00-0166			Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0167	SQ		45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	432.05	
07 51 13 00-0168	SQ		60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	522.66	
07 51 13 00-0169	SQ		80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	632.69	
07 51 13 00-0170			Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0077)		
07 51 13 00-0171	EA		>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	78.20	
07 51 13 00-0172	EA		>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	88.72	
07 51 13 00-0173	LF		36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	15.25	
07 51 13 00-0174	SQ		Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	55.99	
07 51 13 00-0175			Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0077)		
07 51 13 00-0176	SQ		45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	216.24	
07 51 13 00-0177	SQ		60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	216.10	
07 51 13 00-0178	SQ		80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	370.76	
07 51 13 00-0179			Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0180	SQ		45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	244.73	
07 51 13 00-0181	SQ		60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	270.62	
07 51 13 00-0182	SQ		80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	382.44	
07 51 13 00-0183			Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) (07 51 13 00-0077)		
07 51 13 00-0184	SQ		45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	613.00	
07 51 13 00-0185			Single Ply Adhesives (07 51 13 00-0077)		
07 51 13 00-0186	SQ		Low VOC, TPA Bonding Adhesive (Tremco)	106.86	
07 51 13 00-0187	SQ		Water Based, TPA Bonding Adhesive (Tremco)	119.40	
07 51 13 00-0188	SQ		Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	105.04	
07 51 13 00-0189	SQ		Low VOC, TPO Bonding Adhesive (Tremco)	73.42	
07 51 13 00-0190			Warranty (Tremco) (07 51 13 00-0077)		
07 51 13 00-0191	EA		Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192	SF		>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193	EA		Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194	SF		>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195			Built-Up Roofing Components (Garland) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196			Modified Cap Membranes (07 51 13 00-0195)		
07 51 13 00-0197			Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198	SQ		Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	422.18	
07 51 13 00-0199	SQ		Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	303.18	
07 51 13 00-0200	SQ		Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	374.41	
07 51 13 00-0201	SQ		Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	388.91	
07 51 13 00-0202	SQ		Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	539.90	
07 51 13 00-0203	SQ		Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	606.44	
07 51 13 00-0204	SQ		Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil	255.08	
07 51 13 00-0205	SQ		Note: Low strength cap sheet for hot or cold modified systems used with gravel. Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	323.23	

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07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	199.23
07 51 13 00-0207		Modified Cap Membranes, Self-Adhering <small>(07 51 13 00-0196)</small> Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.	
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	382.51
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	
07 51 13 00-0209		Modified Cap Membranes, Torch-Applied <small>(07 51 13 00-0196)</small> Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.	
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	469.96
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	510.91
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	538.20
07 51 13 00-0213		Modified Cap Membranes, Coal Tar Pitch Systems <small>(07 51 13 00-0196)</small> Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.	
07 51 13 00-0214	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	430.31
07 51 13 00-0215	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	683.22
07 51 13 00-0216	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	556.97
07 51 13 00-0217		Base Ply <small>(07 51 13 00-0196)</small> Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.	
07 51 13 00-0218	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	386.35
07 51 13 00-0219	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	244.32
07 51 13 00-0220	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	57.18
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	
07 51 13 00-0221	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	38.58
		Note: Inner ply felts for hot applied built up and modified BUR systems.	
07 51 13 00-0222	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	46.51
07 51 13 00-0223	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	50.35
07 51 13 00-0224	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	75.87
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.	
07 51 13 00-0225	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	244.35
07 51 13 00-0226	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	214.04
		Note: Self adhering base ply for self adhering 2 ply system.	
07 51 13 00-0227	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	215.41
07 51 13 00-0228	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	179.16
07 51 13 00-0229	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	4.41
07 51 13 00-0230	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	10.95
07 51 13 00-0231	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	44.59
07 51 13 00-0232	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.68
07 51 13 00-0233	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.24
07 51 13 00-0234	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.73
07 51 13 00-0235	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	94.88
07 51 13 00-0236		Coatings And Mastics For Roof Installation, Restoration And Repairs <small>(07 51 13 00-0196)</small>	
07 51 13 00-0237	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	30.86
07 51 13 00-0238	SQ	Black-Knight® Primer	28.86
07 51 13 00-0239	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	106.14
07 51 13 00-0240	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	114.95
07 51 13 00-0241	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	182.75
07 51 13 00-0242	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	283.94
07 51 13 00-0243	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	295.68
07 51 13 00-0244	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	140.08
07 51 13 00-0245	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	230.87
07 51 13 00-0246	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	346.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0247	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....	575.50	
07 51 13 00-0248	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	243.39	
07 51 13 00-0249	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	255.13	
07 51 13 00-0250	SQ		Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	525.76	
07 51 13 00-0251	SQ		Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	231.46	
07 51 13 00-0252	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	116.60	
07 51 13 00-0253	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat.....	128.34	
07 51 13 00-0254	SQ		Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	112.87	
07 51 13 00-0255	SQ		Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	106.09	
07 51 13 00-0256	SQ		Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	16.10	
Note: Adheres all insulation layers for cold systems.					
07 51 13 00-0257	SQ		Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required.....	119.89	
07 51 13 00-0258	SQ		Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	116.35	
07 51 13 00-0259	LF		Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh.....	17.40	
07 51 13 00-0260	SQ		Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	154.03	
07 51 13 00-0261	SQ		Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	921.69	
07 51 13 00-0262	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	201.81	
07 51 13 00-0263	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	243.95	
07 51 13 00-0264	SQ		Weatherking® Cold Applied Rubber Modified Asphalt Interply Adhesive For Slopes Up To 3:12, Interply	93.69	
07 51 13 00-0265	SQ		Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	349.16	
07 51 13 00-0266	SQ		Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....	93.04	
Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.					

07 52 Modified Bituminous Membrane Roofing (07 50)

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	132.91
		For Up To 10, Add	32.95
		For >10 To 20, Add	18.07
		For >20 To 40, Add	9.83
		For >75 To 100, Deduct	-4.91
		For >100 To 200, Deduct	-10.63
		For >200, Deduct	-15.54
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	159.65
		For Up To 10, Add	38.30
		For >10 To 20, Add	20.74
		For >20 To 40, Add	11.17
		For >75 To 100, Deduct	-5.58
		For >100 To 200, Deduct	-11.96
		For >200, Deduct	-17.55
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	245.03
		For Up To 10, Add	55.37
		For >10 To 20, Add	29.28
		For >20 To 40, Add	15.44
		For >75 To 100, Deduct	-7.72
		For >100 To 200, Deduct	-16.23
		For >200, Deduct	-23.95
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	248.05
		For Up To 10, Add	56.58
		For >10 To 20, Add	30.03
		For >20 To 40, Add	15.89
		For >75 To 100, Deduct	-7.94
		For >100 To 200, Deduct	-16.76
		For >200, Deduct	-24.70
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	180.61
		For Up To 10, Add	43.09
		For >10 To 20, Add	23.29
		For >20 To 40, Add	12.52
		For >75 To 100, Deduct	-6.26
		For >100 To 200, Deduct	-13.39
		For >200, Deduct	-19.65
		For Factory Applied White Reflective Surfacing, Add	60.51

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	207.66	
		For Up To 10, Add	48.50	
		For >10 To 20, Add	26.00	
		For >20 To 40, Add	13.87	
		For >75 To 100, Deduct	-6.93	
		For >100 To 200, Deduct	-14.74	
		For >200, Deduct	-21.68	
		For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	281.35	
		For Up To 10, Add	63.24	
		For >10 To 20, Add	33.36	
		For >20 To 40, Add	17.55	
		For >75 To 100, Deduct	-8.78	
		For >100 To 200, Deduct	-18.43	
		For >200, Deduct	-27.20	
		For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 13 11-0010		Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing <small>(07 52 13 11-0001)</small>		
07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.52	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.86	
		For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 13 13		Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing <small>(07 52 13)</small>		
07 52 13 13-0001		Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing <small>(07 52 13 13)</small>		
		Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 13 13-0002		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 13 13-0001)</small>		
07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied.....	98.64	
		For Up To 10, Add	26.09	
		For >10 To 20, Add	14.64	
		For >20 To 40, Add	8.11	
		For >75 To 100, Deduct	-4.06	
		For >100 To 200, Deduct	-8.91	
		For >200, Deduct	-12.96	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	125.38	
		For Up To 10, Add	31.44	
		For >10 To 20, Add	17.31	
		For >20 To 40, Add	9.45	
		For >75 To 100, Deduct	-4.73	
		For >100 To 200, Deduct	-10.25	
		For >200, Deduct	-14.97	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	153.89	
		For Up To 10, Add	40.33	
		For >10 To 20, Add	22.55	
		For >20 To 40, Add	12.47	
		For >75 To 100, Deduct	-6.24	
		For >100 To 200, Deduct	-13.66	
		For >200, Deduct	-19.90	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	160.73	
		For Up To 10, Add	41.70	
		For >10 To 20, Add	23.24	
		For >20 To 40, Add	12.81	
		For >75 To 100, Deduct	-6.41	
		For >100 To 200, Deduct	-14.01	
		For >200, Deduct	-20.41	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied.....	216.28	
		For Up To 10, Add	52.81	
		For >10 To 20, Add	28.79	
		For >20 To 40, Add	15.59	
		For >75 To 100, Deduct	-7.80	
		For >100 To 200, Deduct	-16.78	
		For >200, Deduct	-24.58	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	153.89	
		For Up To 10, Add	40.33	
		For >10 To 20, Add	22.55	
		For >20 To 40, Add	12.47	
		For >75 To 100, Deduct	-6.24	
		For >100 To 200, Deduct	-13.66	
		For >200, Deduct	-19.90	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	162.44	
		For Up To 10, Add	42.04	
		For >10 To 20, Add	23.41	
		For >20 To 40, Add	12.90	
		For >75 To 100, Deduct	-6.45	
		For >100 To 200, Deduct	-14.09	
		For >200, Deduct	-20.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	216.28	
			<i>For Up To 10, Add</i>	52.81	
			<i>For >10 To 20, Add</i>	28.79	
			<i>For >20 To 40, Add</i>	15.59	
			<i>For >75 To 100, Deduct</i>	-7.80	
			<i>For >100 To 200, Deduct</i>	-16.78	
			<i>For >200, Deduct</i>	-24.58	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	159.28	
			<i>For Up To 10, Add</i>	41.41	
			<i>For >10 To 20, Add</i>	23.09	
			<i>For >20 To 40, Add</i>	12.74	
			<i>For >75 To 100, Deduct</i>	-6.37	
			<i>For >100 To 200, Deduct</i>	-13.93	
			<i>For >200, Deduct</i>	-20.30	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	167.58	
			<i>For Up To 10, Add</i>	43.07	
			<i>For >10 To 20, Add</i>	23.92	
			<i>For >20 To 40, Add</i>	13.16	
			<i>For >75 To 100, Deduct</i>	-6.58	
			<i>For >100 To 200, Deduct</i>	-14.35	
			<i>For >200, Deduct</i>	-20.93	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	187.95	
			<i>For Up To 10, Add</i>	47.14	
			<i>For >10 To 20, Add</i>	25.96	
			<i>For >20 To 40, Add</i>	14.17	
			<i>For >75 To 100, Deduct</i>	-7.09	
			<i>For >100 To 200, Deduct</i>	-15.37	
			<i>For >200, Deduct</i>	-22.45	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	190.43	
			<i>For Up To 10, Add</i>	47.64	
			<i>For >10 To 20, Add</i>	26.21	
			<i>For >20 To 40, Add</i>	14.30	
			<i>For >75 To 100, Deduct</i>	-7.15	
			<i>For >100 To 200, Deduct</i>	-15.49	
			<i>For >200, Deduct</i>	-22.64	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	260.01	
			<i>For Up To 10, Add</i>	61.55	
			<i>For >10 To 20, Add</i>	33.17	
			<i>For >20 To 40, Add</i>	17.78	
			<i>For >75 To 100, Deduct</i>	-8.89	
			<i>For >100 To 200, Deduct</i>	-18.97	
			<i>For >200, Deduct</i>	-27.86	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing

07 52 13 13-0017	SF		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.49	
07 52 13 13-0018	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.58	
07 52 13 13-0019	SF		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.12	
07 52 13 13-0020	SF		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	2.63	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 13 13-0021	SF		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.86	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 13 13-0022	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.55	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing
07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets

07 52 13 14-0003	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	136.14	
			<i>For Up To 10, Add</i>	30.41	
			<i>For >10 To 20, Add</i>	16.00	
			<i>For >20 To 40, Add</i>	8.40	
			<i>For >75 To 100, Deduct</i>	-4.20	
			<i>For >100 To 200, Deduct</i>	-8.80	
			<i>For >200, Deduct</i>	-12.99	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 11-0001	Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 11)</small>		
	Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07 52 16 11-0002	Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 11-0001)</small>		
07 52 16 11-0003	SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	106.73	
	For Up To 10, Add	27.71	
	For >10 To 20, Add	15.45	
	For >20 To 40, Add	8.52	
	For >75 To 100, Deduct	-4.26	
	For >100 To 200, Deduct	-9.32	
	For >200, Deduct	-13.58	
07 52 16 11-0004	SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	136.42	
	For Up To 10, Add	33.65	
	For >10 To 20, Add	18.42	
	For >20 To 40, Add	10.01	
	For >75 To 100, Deduct	-5.00	
	For >100 To 200, Deduct	-10.80	
	For >200, Deduct	-15.80	
07 52 16 11-0005	SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	140.25	
	For Up To 10, Add	34.42	
	For >10 To 20, Add	18.80	
	For >20 To 40, Add	10.20	
	For >75 To 100, Deduct	-5.10	
	For >100 To 200, Deduct	-10.99	
	For >200, Deduct	-16.09	
07 52 16 11-0006	SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	187.61	
	For Up To 10, Add	43.89	
	For >10 To 20, Add	23.54	
	For >20 To 40, Add	12.56	
	For >75 To 100, Deduct	-6.28	
	For >100 To 200, Deduct	-13.36	
	For >200, Deduct	-19.64	
07 52 16 11-0007	SQ 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	235.53	
	For Up To 10, Add	53.47	
	For >10 To 20, Add	28.33	
	For >20 To 40, Add	14.96	
	For >75 To 100, Deduct	-7.48	
	For >100 To 200, Deduct	-15.76	
	For >200, Deduct	-23.24	
07 52 16 11-0008	SQ 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	198.82	
	For Up To 10, Add	46.74	
	For >10 To 20, Add	25.11	
	For >20 To 40, Add	13.43	
	For >75 To 100, Deduct	-6.71	
	For >100 To 200, Deduct	-14.30	
	For >200, Deduct	-21.01	
07 52 16 11-0009	SQ 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	203.98	
	For Up To 10, Add	47.77	
	For >10 To 20, Add	25.63	
	For >20 To 40, Add	13.69	
	For >75 To 100, Deduct	-6.84	
	For >100 To 200, Deduct	-14.56	
	For >200, Deduct	-21.40	
07 52 16 11-0010	SQ 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	179.84	
	For Up To 10, Add	42.94	
	For >10 To 20, Add	23.21	
	For >20 To 40, Add	12.48	
	For >75 To 100, Deduct	-6.24	
	For >100 To 200, Deduct	-13.35	
	For >200, Deduct	-19.59	
	For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0011	SQ 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	182.07	
	For Up To 10, Add	43.39	
	For >10 To 20, Add	23.44	
	For >20 To 40, Add	12.59	
	For >75 To 100, Deduct	-6.29	
	For >100 To 200, Deduct	-13.46	
	For >200, Deduct	-19.76	
	For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0012	SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	202.61	
	For Up To 10, Add	47.49	
	For >10 To 20, Add	25.49	
	For >20 To 40, Add	13.62	
	For >75 To 100, Deduct	-6.81	
	For >100 To 200, Deduct	-14.49	
	For >200, Deduct	-21.30	
	For Factory Applied White Reflective Surfacing, Add	60.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	206.03	
			For Up To 10, Add	48.18	
			For >10 To 20, Add	25.83	
			For >20 To 40, Add	13.79	
			For >75 To 100, Deduct	-6.89	
			For >100 To 200, Deduct	-14.66	
			For >200, Deduct	-21.55	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	235.99	
			For Up To 10, Add	54.17	
			For >10 To 20, Add	28.83	
			For >20 To 40, Add	15.29	
			For >75 To 100, Deduct	-7.64	
			For >100 To 200, Deduct	-16.16	
			For >200, Deduct	-23.80	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	290.56	
			For Up To 10, Add	65.08	
			For >10 To 20, Add	34.29	
			For >20 To 40, Add	18.01	
			For >75 To 100, Deduct	-9.01	
			For >100 To 200, Deduct	-18.89	
			For >200, Deduct	-27.89	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	183.56	
			For Up To 10, Add	43.68	
			For >10 To 20, Add	23.59	
			For >20 To 40, Add	12.66	
			For >75 To 100, Deduct	-6.33	
			For >100 To 200, Deduct	-13.54	
			For >200, Deduct	-19.87	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	188.91	
			For Up To 10, Add	44.75	
			For >10 To 20, Add	24.12	
			For >20 To 40, Add	12.93	
			For >75 To 100, Deduct	-6.47	
			For >100 To 200, Deduct	-13.80	
			For >200, Deduct	-20.27	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	218.01	
			For Up To 10, Add	50.57	
			For >10 To 20, Add	27.03	
			For >20 To 40, Add	14.39	
			For >75 To 100, Deduct	-7.19	
			For >100 To 200, Deduct	-15.26	
			For >200, Deduct	-22.45	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	218.70	
			For Up To 10, Add	50.71	
			For >10 To 20, Add	27.10	
			For >20 To 40, Add	14.42	
			For >75 To 100, Deduct	-7.21	
			For >100 To 200, Deduct	-15.29	
			For >200, Deduct	-22.50	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	231.71	
			For Up To 10, Add	53.31	
			For >10 To 20, Add	28.40	
			For >20 To 40, Add	15.07	
			For >75 To 100, Deduct	-7.54	
			For >100 To 200, Deduct	-15.94	
			For >200, Deduct	-23.48	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 11-0021			Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 11-0001)</small>		
07 52 16 11-0022	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.08	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.84	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.86	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.10	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.40	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.95	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.88	
			For Factory Applied White Reflective Surfacing, Add	0.61	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.93
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.23
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.36
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.43
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	10.27

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing*(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*
 Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	89.32
		<i>For Up To 10, Add</i>	24.32
		<i>For >10 To 20, Add</i>	13.77
		<i>For >20 To 40, Add</i>	7.69
		<i>For >75 To 100, Deduct</i>	-3.85
		<i>For >100 To 200, Deduct</i>	-8.50
		<i>For >200, Deduct</i>	-12.35
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	119.01
		<i>For Up To 10, Add</i>	30.26
		<i>For >10 To 20, Add</i>	16.74
		<i>For >20 To 40, Add</i>	9.18
		<i>For >75 To 100, Deduct</i>	-4.59
		<i>For >100 To 200, Deduct</i>	-9.98
		<i>For >200, Deduct</i>	-14.57
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	122.85
		<i>For Up To 10, Add</i>	31.02
		<i>For >10 To 20, Add</i>	17.13
		<i>For >20 To 40, Add</i>	9.37
		<i>For >75 To 100, Deduct</i>	-4.68
		<i>For >100 To 200, Deduct</i>	-10.18
		<i>For >200, Deduct</i>	-14.86
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped.....	170.20
		<i>For Up To 10, Add</i>	40.49
		<i>For >10 To 20, Add</i>	21.86
		<i>For >20 To 40, Add</i>	11.74
		<i>For >75 To 100, Deduct</i>	-5.87
		<i>For >100 To 200, Deduct</i>	-12.54
		<i>For >200, Deduct</i>	-18.41
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped.....	218.13
		<i>For Up To 10, Add</i>	50.08
		<i>For >10 To 20, Add</i>	26.65
		<i>For >20 To 40, Add</i>	14.13
		<i>For >75 To 100, Deduct</i>	-7.07
		<i>For >100 To 200, Deduct</i>	-14.94
		<i>For >200, Deduct</i>	-22.01
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	181.47
		<i>For Up To 10, Add</i>	43.36
		<i>For >10 To 20, Add</i>	23.45
		<i>For >20 To 40, Add</i>	12.61
		<i>For >75 To 100, Deduct</i>	-6.30
		<i>For >100 To 200, Deduct</i>	-13.49
		<i>For >200, Deduct</i>	-19.79
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	186.62
		<i>For Up To 10, Add</i>	44.39
		<i>For >10 To 20, Add</i>	23.96
		<i>For >20 To 40, Add</i>	12.87
		<i>For >75 To 100, Deduct</i>	-6.43
		<i>For >100 To 200, Deduct</i>	-13.75
		<i>For >200, Deduct</i>	-20.18
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	162.49
		<i>For Up To 10, Add</i>	39.57
		<i>For >10 To 20, Add</i>	21.55
		<i>For >20 To 40, Add</i>	11.66
		<i>For >75 To 100, Deduct</i>	-5.83
		<i>For >100 To 200, Deduct</i>	-12.54
		<i>For >200, Deduct</i>	-18.37
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	164.71
		<i>For Up To 10, Add</i>	40.01
		<i>For >10 To 20, Add</i>	21.77
		<i>For >20 To 40, Add</i>	11.77
		<i>For >75 To 100, Deduct</i>	-5.88
		<i>For >100 To 200, Deduct</i>	-12.65
		<i>For >200, Deduct</i>	-18.54
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	185.25	
			For Up To 10, Add	44.12	
			For >10 To 20, Add	23.83	
			For >20 To 40, Add	12.80	
			For >75 To 100, Deduct	-6.40	
			For >100 To 200, Deduct	-13.68	
			For >200, Deduct	-20.08	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	188.68	
			For Up To 10, Add	44.80	
			For >10 To 20, Add	24.17	
			For >20 To 40, Add	12.97	
			For >75 To 100, Deduct	-6.48	
			For >100 To 200, Deduct	-13.85	
			For >200, Deduct	-20.34	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	218.63	
			For Up To 10, Add	50.79	
			For >10 To 20, Add	27.16	
			For >20 To 40, Add	14.47	
			For >75 To 100, Deduct	-7.23	
			For >100 To 200, Deduct	-15.35	
			For >200, Deduct	-22.58	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	273.20	
			For Up To 10, Add	61.71	
			For >10 To 20, Add	32.62	
			For >20 To 40, Add	17.19	
			For >75 To 100, Deduct	-8.60	
			For >100 To 200, Deduct	-18.08	
			For >200, Deduct	-26.67	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	166.20	
			For Up To 10, Add	40.31	
			For >10 To 20, Add	21.92	
			For >20 To 40, Add	11.84	
			For >75 To 100, Deduct	-5.92	
			For >100 To 200, Deduct	-12.73	
			For >200, Deduct	-18.65	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	171.56	
			For Up To 10, Add	41.38	
			For >10 To 20, Add	22.46	
			For >20 To 40, Add	12.11	
			For >75 To 100, Deduct	-6.06	
			For >100 To 200, Deduct	-13.00	
			For >200, Deduct	-19.05	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	200.66	
			For Up To 10, Add	47.20	
			For >10 To 20, Add	25.37	
			For >20 To 40, Add	13.57	
			For >75 To 100, Deduct	-6.78	
			For >100 To 200, Deduct	-14.45	
			For >200, Deduct	-21.23	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	201.34	
			For Up To 10, Add	47.34	
			For >10 To 20, Add	25.44	
			For >20 To 40, Add	13.60	
			For >75 To 100, Deduct	-6.80	
			For >100 To 200, Deduct	-14.48	
			For >200, Deduct	-21.29	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	214.35	
			For Up To 10, Add	49.94	
			For >10 To 20, Add	26.74	
			For >20 To 40, Add	14.25	
			For >75 To 100, Deduct	-7.13	
			For >100 To 200, Deduct	-15.14	
			For >200, Deduct	-22.26	
			For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 12-0021			Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 12-0001)</small>		
07 52 16 12-0022	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.50	
07 52 16 12-0023	SF		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.26	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 12-0024	SF		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.28	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 12-0025	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.49	
			For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 12-0026	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.52	
			For Factory Applied White Reflective Surfacing, Add	0.61	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.82	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.37	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.30	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.35	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.60	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.78	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.85	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	8.69	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

(07 52 16)

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing

(07 52 16 13)

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets

(07 52 16 13-0001)

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	177.85	
		<i>For Up To 10, Add</i>	45.12	
		<i>For >10 To 20, Add</i>	24.95	
		<i>For >20 To 40, Add</i>	13.67	
		<i>For >75 To 100, Deduct</i>	-6.83	
		<i>For >100 To 200, Deduct</i>	-14.86	
		<i>For >200, Deduct</i>	-21.70	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	161.25	
		<i>For Up To 10, Add</i>	41.80	
		<i>For >10 To 20, Add</i>	23.29	
		<i>For >20 To 40, Add</i>	12.84	
		<i>For >75 To 100, Deduct</i>	-6.42	
		<i>For >100 To 200, Deduct</i>	-14.03	
		<i>For >200, Deduct</i>	-20.45	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	180.76	
		<i>For Up To 10, Add</i>	45.70	
		<i>For >10 To 20, Add</i>	25.24	
		<i>For >20 To 40, Add</i>	13.81	
		<i>For >75 To 100, Deduct</i>	-6.91	
		<i>For >100 To 200, Deduct</i>	-15.01	
		<i>For >200, Deduct</i>	-21.92	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	269.22	
		<i>For Up To 10, Add</i>	63.40	
		<i>For >10 To 20, Add</i>	34.09	
		<i>For >20 To 40, Add</i>	18.24	
		<i>For >75 To 100, Deduct</i>	-9.12	
		<i>For >100 To 200, Deduct</i>	-19.43	
		<i>For >200, Deduct</i>	-28.55	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	166.83	
		<i>For Up To 10, Add</i>	42.92	
		<i>For >10 To 20, Add</i>	23.85	
		<i>For >20 To 40, Add</i>	13.12	
		<i>For >75 To 100, Deduct</i>	-6.56	
		<i>For >100 To 200, Deduct</i>	-14.31	
		<i>For >200, Deduct</i>	-20.87	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	189.83	
		<i>For Up To 10, Add</i>	47.52	
		<i>For >10 To 20, Add</i>	26.15	
		<i>For >20 To 40, Add</i>	14.27	
		<i>For >75 To 100, Deduct</i>	-7.13	
		<i>For >100 To 200, Deduct</i>	-15.46	
		<i>For >200, Deduct</i>	-22.60	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	197.33	
		<i>For Up To 10, Add</i>	49.15	
		<i>For >10 To 20, Add</i>	26.99	
		<i>For >20 To 40, Add</i>	14.71	
		<i>For >75 To 100, Deduct</i>	-7.35	
		<i>For >100 To 200, Deduct</i>	-15.92	
		<i>For >200, Deduct</i>	-23.27	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	251.03	
			<i>For Up To 10, Add</i>	59.89	
			<i>For >10 To 20, Add</i>	32.36	
			<i>For >20 To 40, Add</i>	17.39	
			<i>For >75 To 100, Deduct</i>	-8.70	
			<i>For >100 To 200, Deduct</i>	-18.60	
			<i>For >200, Deduct</i>	-27.30	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	60.51	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 13-0001)

07 52 16 13-0012	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	2.78	
07 52 16 13-0013	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.77	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 13-0014	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.64	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 13-0015	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.87	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 13-0016	SF		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.92	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 13-0017	SF		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.46	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.61	
07 52 16 13-0018	SF		150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.58	
07 52 16 13-0019	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	7.97	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)

07 52 16 14-0003	SQ		35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	106.64	
			<i>For Up To 10, Add</i>	24.51	
			<i>For >10 To 20, Add</i>	13.05	
			<i>For >20 To 40, Add</i>	6.92	
			<i>For >75 To 100, Deduct</i>	-3.46	
			<i>For >100 To 200, Deduct</i>	-7.32	
			<i>For >200, Deduct</i>	-10.78	
07 52 16 14-0004	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	83.22	
			<i>For Up To 10, Add</i>	19.83	
			<i>For >10 To 20, Add</i>	10.71	
			<i>For >20 To 40, Add</i>	5.75	
			<i>For >75 To 100, Deduct</i>	-2.88	
			<i>For >100 To 200, Deduct</i>	-6.15	
			<i>For >200, Deduct</i>	-9.03	
07 52 16 14-0005	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	106.27	
			<i>For Up To 10, Add</i>	24.44	
			<i>For >10 To 20, Add</i>	13.01	
			<i>For >20 To 40, Add</i>	6.90	
			<i>For >75 To 100, Deduct</i>	-3.45	
			<i>For >100 To 200, Deduct</i>	-7.30	
			<i>For >200, Deduct</i>	-10.75	
07 52 16 14-0006	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	131.74	
			<i>For Up To 10, Add</i>	29.53	
			<i>For >10 To 20, Add</i>	15.56	
			<i>For >20 To 40, Add</i>	8.18	
			<i>For >75 To 100, Deduct</i>	-4.09	
			<i>For >100 To 200, Deduct</i>	-8.58	
			<i>For >200, Deduct</i>	-12.66	
07 52 16 14-0007	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	164.09	
			<i>For Up To 10, Add</i>	36.00	
			<i>For >10 To 20, Add</i>	18.80	
			<i>For >20 To 40, Add</i>	9.80	
			<i>For >75 To 100, Deduct</i>	-4.90	
			<i>For >100 To 200, Deduct</i>	-10.19	
			<i>For >200, Deduct</i>	-15.09	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)

07 52 16 14-0009	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	2.31	
07 52 16 14-0010	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened.....	2.36	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 15-0001	Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 15)</small>		
	Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002	Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 15-0001)</small>		
07 52 16 15-0003	SQ 60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	87.52	
	For Up To 10, Add	21.33	
	For >10 To 20, Add	11.62	
	For >20 To 40, Add	6.29	
	For >75 To 100, Deduct	-3.14	
	For >100 To 200, Deduct	-6.76	
	For >200, Deduct	-9.91	
07 52 16 15-0004	SQ 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	92.37	
	For Up To 10, Add	22.30	
	For >10 To 20, Add	12.10	
	For >20 To 40, Add	6.53	
	For >75 To 100, Deduct	-3.26	
	For >100 To 200, Deduct	-7.01	
	For >200, Deduct	-10.27	
07 52 16 15-0005	SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	152.14	
	For Up To 10, Add	34.54	
	For >10 To 20, Add	18.30	
	For >20 To 40, Add	9.66	
	For >75 To 100, Deduct	-4.83	
	For >100 To 200, Deduct	-10.17	
	For >200, Deduct	-15.01	
07 52 16 15-0006	SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	180.58	
	For Up To 10, Add	40.22	
	For >10 To 20, Add	21.14	
	For >20 To 40, Add	11.08	
	For >75 To 100, Deduct	-5.54	
	For >100 To 200, Deduct	-11.60	
	For >200, Deduct	-17.14	
	For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 15-0007	SQ 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	264.46	
	For Up To 10, Add	57.00	
	For >10 To 20, Add	29.53	
	For >20 To 40, Add	15.28	
	For >75 To 100, Deduct	-7.64	
	For >100 To 200, Deduct	-15.79	
	For >200, Deduct	-23.43	
	For Factory Applied White Reflective Surfacing, Add	60.51	
07 52 16 15-0008	Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 15-0001)</small>		
07 52 16 15-0009	SF 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	2.75	
07 52 16 15-0010	SF 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	3.03	
	For Factory Applied White Reflective Surfacing, Add	0.61	
07 52 16 15-0011	SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	3.87	
	For Factory Applied White Reflective Surfacing, Add	0.61	
07 53	Elastomeric Membrane Roofing <small>(07 50)</small>		
	Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 53 16	Chlorosulfonate-Polyethylene Roofing <small>(07 53)</small>		
07 53 16 00-0001	Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes <small>(07 53 16)</small>		
	Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered.....	329.05	76.42
	Note: Includes adhesive.		
	For Up To 10, Add	96.38	
	For >10 To 20, Add	55.83	
	For >20 To 40, Add	31.74	
	For >75 To 100, Deduct	-15.87	
	For >100 To 200, Deduct	-35.56	
	For >200, Deduct	-51.42	
	For 15 Year Warranty, Add	3.00	
07 53 16 00-0003	SQ 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted.....	223.25	38.21
	Note: Includes ballast.		
	For Up To 10, Add	59.93	
	For >10 To 20, Add	33.79	
	For >20 To 40, Add	18.80	
	For >75 To 100, Deduct	-9.40	
	For >100 To 200, Deduct	-20.72	
	For >200, Deduct	-30.12	
	For 15 Year Warranty, Add	3.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened.....	252.37	57.31
			Note: Includes fasteners.		
			For Up To 10, Add	73.40	
			For >10 To 20, Add	42.43	
			For >20 To 40, Add	24.08	
			For >75 To 100, Deduct	-12.04	
			For >100 To 200, Deduct	-26.95	
			For >200, Deduct	-38.99	
			For 15 Year Warranty, Add	3.00	
			For Mechanically Fastened To Concrete Decks, Add	28.66	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	29.40	
07 53 23 Ethylene-Propylene-Diene-Monomer Roofing (07 53)					
07 53 23 00-0001			Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)		
			Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).		
07 53 23 00-0002	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted.....	168.41	38.21
			Note: Includes ballast.		
			For Up To 10, Add	48.97	
			For >10 To 20, Add	28.30	
			For >20 To 40, Add	16.06	
			For >75 To 100, Deduct	-8.03	
			For >100 To 200, Deduct	-17.97	
			For >200, Deduct	-26.00	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.86	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted.....	187.23	40.60
			Note: Includes ballast.		
			For Up To 10, Add	53.68	
			For >10 To 20, Add	30.90	
			For >20 To 40, Add	17.48	
			For >75 To 100, Deduct	-8.74	
			For >100 To 200, Deduct	-19.51	
			For >200, Deduct	-28.25	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	4.86	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted.....	265.03	42.98
			Note: Includes ballast.		
			For Up To 10, Add	70.20	
			For >10 To 20, Add	39.40	
			For >20 To 40, Add	21.85	
			For >75 To 100, Deduct	-10.92	
			For >100 To 200, Deduct	-24.00	
			For >200, Deduct	-34.92	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	4.86	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%).....	207.02	57.31
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	64.33	
			For >10 To 20, Add	37.90	
			For >20 To 40, Add	21.81	
			For >75 To 100, Deduct	-10.91	
			For >100 To 200, Deduct	-24.68	
			For >200, Deduct	-35.59	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.86	
			For Low VOC Adhesive, Add	23.70	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
			For Integral Polyester Fleece-Backing, Add	69.07	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%).....	225.85	59.70
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	69.05	
			For >10 To 20, Add	40.50	
			For >20 To 40, Add	23.23	
			For >75 To 100, Deduct	-11.62	
			For >100 To 200, Deduct	-26.22	
			For >200, Deduct	-37.83	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	4.86	
			For Low VOC Adhesive, Add	23.70	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
			For Integral Polyester Fleece-Backing, Add	76.20	

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 53 Elastomeric Membrane Roofing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	303.65	62.09
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	85.57	
		For >10 To 20, Add	48.99	
		For >20 To 40, Add	27.60	
		For >75 To 100, Deduct	-13.80	
		For >100 To 200, Deduct	-30.71	
		For >200, Deduct	-44.51	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	4.86	
		For Low VOC Adhesive, Add	23.70	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Integral Polyester Fleece-Backing, Add	83.98	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	273.69	76.42
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	85.30	
		For >10 To 20, Add	50.29	
		For >20 To 40, Add	28.97	
		For >75 To 100, Deduct	-14.48	
		For >100 To 200, Deduct	-32.79	
		For >200, Deduct	-47.27	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	4.86	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
		For Low VOC Adhesive, Add	59.26	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Integral Polyester Fleece-Backing, Add	69.07	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	292.53	78.81
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	90.03	
		For >10 To 20, Add	52.89	
		For >20 To 40, Add	30.39	
		For >75 To 100, Deduct	-15.19	
		For >100 To 200, Deduct	-34.33	
		For >200, Deduct	-49.52	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	4.86	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
		For Low VOC Adhesive, Add	59.26	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Integral Polyester Fleece-Backing, Add	76.20	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	370.32	81.19
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	106.54	
		For >10 To 20, Add	61.39	
		For >20 To 40, Add	34.75	
		For >75 To 100, Deduct	-17.38	
		For >100 To 200, Deduct	-38.81	
		For >200, Deduct	-56.19	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	4.86	
		For Low VOC Adhesive, Add	59.26	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Integral Polyester Fleece-Backing, Add	83.98	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	197.40	57.31
		Note: Includes fasteners.		
		For Up To 10, Add	62.41	
		For >10 To 20, Add	36.93	
		For >20 To 40, Add	21.33	
		For >75 To 100, Deduct	-10.67	
		For >100 To 200, Deduct	-24.20	
		For >200, Deduct	-34.87	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	4.86	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Mechanically Fastened To Concrete Decks, Add	28.66	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	29.40	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	216.22	59.70
		Note: Includes fasteners.		
		For Up To 10, Add	67.12	
		For >10 To 20, Add	39.53	
		For >20 To 40, Add	22.75	
		For >75 To 100, Deduct	-11.38	
		For >100 To 200, Deduct	-25.74	
		For >200, Deduct	-37.11	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	4.86	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.88	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
		For Mechanically Fastened To Concrete Decks, Add	29.85	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 53 23 00-0013	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened 294.02		62.09
			Note: Includes fasteners.		
			For Up To 10, Add	83.64	
			For >10 To 20, Add	48.03	
			For >20 To 40, Add	27.12	
			For >75 To 100, Deduct	-13.56	
			For >100 To 200, Deduct	-30.22	
			For >200, Deduct	-43.78	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	4.86	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	46.39	
			For Mechanically Fastened To Concrete Decks, Add	31.05	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.79	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories (07 53 23)

07 53 23 00-0015	SQ		Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat 47.55		
			For Up To 10, Add	13.33	
			For >10 To 20, Add	7.62	
			For >20 To 40, Add	4.29	
			For >75 To 100, Deduct	-2.14	
			For >100 To 200, Deduct	-4.77	
			For >200, Deduct	-6.91	
07 53 23 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat 48.98		
			Note: 55% solids by volume.		
			For Up To 10, Add	13.62	
			For >10 To 20, Add	7.76	
			For >20 To 40, Add	4.36	
			For >75 To 100, Deduct	-2.18	
			For >100 To 200, Deduct	-4.84	
			For >200, Deduct	-7.02	
07 53 23 00-0017	EA		Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot 31.96		9.08
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA		>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot 43.19		9.08
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA		>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot 75.58		9.08
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020	EA		6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket 98.90		10.03
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021	LF		30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad 23.88		5.54
			Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing 4.76		1.43
07 53 23 00-0023	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing 6.18		2.15

07 53 29 Polyisobutylene Roofing (07 53)

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)

			Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ		100 Mil, Single Ply PIB Roofing Membrane, Ballasted 328.22		42.98
			Note: Includes ballast.		
			For Up To 10, Add	82.84	
			For >10 To 20, Add	45.72	
			For >20 To 40, Add	25.01	
			For >75 To 100, Deduct	-12.50	
			For >100 To 200, Deduct	-27.16	
			For >200, Deduct	-39.66	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
07 53 29 00-0003	SQ		100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) 375.79		62.09
			Note: Includes adhesive.		
			For Up To 10, Add	99.99	
			For >10 To 20, Add	56.21	
			For >20 To 40, Add	31.21	
			For >75 To 100, Deduct	-15.60	
			For >100 To 200, Deduct	-34.31	
			For >200, Deduct	-49.92	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
07 53 29 00-0004	SQ		100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered 455.89		81.19
			Note: Includes adhesive.		
			For Up To 10, Add	123.65	
			For >10 To 20, Add	69.95	
			For >20 To 40, Add	39.03	
			For >75 To 100, Deduct	-19.52	
			For >100 To 200, Deduct	-43.09	
			For >200, Deduct	-62.61	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	

07 54 Thermoplastic Membrane Roofing (07 50)

07 Thermal And Moisture Protection

07 50 Membrane Roofing

07 54 Thermoplastic Membrane Roofing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing (07 54)**07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes** (07 54 19)

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	199.56	38.21
		Note: Includes ballast.		
		For Up To 10, Add	55.20	
		For >10 To 20, Add	31.42	
		For >20 To 40, Add	17.62	
		For >75 To 100, Deduct	-8.81	
		For >100 To 200, Deduct	-19.53	
		For >200, Deduct	-28.34	
		For 15 Year Warranty, Add	3.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	225.61	40.60
		Note: Includes ballast.		
		For Up To 10, Add	61.36	
		For >10 To 20, Add	34.74	
		For >20 To 40, Add	19.40	
		For >75 To 100, Deduct	-9.70	
		For >100 To 200, Deduct	-21.43	
		For >200, Deduct	-31.13	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	255.21	41.79
		Note: Includes ballast.		
		For Up To 10, Add	67.76	
		For >10 To 20, Add	38.06	
		For >20 To 40, Add	21.12	
		For >75 To 100, Deduct	-10.56	
		For >100 To 200, Deduct	-23.21	
		For >200, Deduct	-33.77	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	269.42	42.98
		Note: Includes ballast.		
		For Up To 10, Add	71.08	
		For >10 To 20, Add	39.84	
		For >20 To 40, Add	22.07	
		For >75 To 100, Deduct	-11.03	
		For >100 To 200, Deduct	-24.22	
		For >200, Deduct	-35.25	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	286.87	76.42
		Note: Includes adhesive.		
		For Up To 10, Add	87.94	
		For >10 To 20, Add	51.61	
		For >20 To 40, Add	29.63	
		For >75 To 100, Deduct	-14.81	
		For >100 To 200, Deduct	-33.45	
		For >200, Deduct	-48.26	
		For 15 Year Warranty, Add	3.00	
		For Colors, Add	26.00	
		For Low VOC Adhesive, Add	35.16	
		For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	312.94	78.81
		Note: Includes adhesive.		
		For Up To 10, Add	94.11	
		For >10 To 20, Add	54.94	
		For >20 To 40, Add	31.41	
		For >75 To 100, Deduct	-15.70	
		For >100 To 200, Deduct	-35.35	
		For >200, Deduct	-51.05	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Low VOC Adhesive, Add	35.16	
		For Integral Polyester Fleece-Backing, Add	40.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	342.52	80.00
			Note: Includes adhesive.		
			For Up To 10, Add	100.50	
			For >10 To 20, Add	58.25	
			For >20 To 40, Add	33.13	
			For >75 To 100, Deduct	-16.56	
			For >100 To 200, Deduct	-37.13	
			For >200, Deduct	-53.69	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	35.16	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	356.73	81.19
			Note: Includes adhesive.		
			For Up To 10, Add	103.82	
			For >10 To 20, Add	60.03	
			For >20 To 40, Add	34.07	
			For >75 To 100, Deduct	-17.04	
			For >100 To 200, Deduct	-38.13	
			For >200, Deduct	-55.17	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	35.16	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	223.94	57.31
			Note: Includes fasteners.		
			For Up To 10, Add	67.71	
			For >10 To 20, Add	39.59	
			For >20 To 40, Add	22.66	
			For >75 To 100, Deduct	-11.33	
			For >100 To 200, Deduct	-25.53	
			For >200, Deduct	-36.86	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
			For Mechanically Fastened To Concrete Decks, Add	28.66	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	29.40	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	249.99	59.70
			Note: Includes fasteners.		
			For Up To 10, Add	73.88	
			For >10 To 20, Add	42.91	
			For >20 To 40, Add	24.44	
			For >75 To 100, Deduct	-12.22	
			For >100 To 200, Deduct	-27.42	
			For >200, Deduct	-39.64	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
			For Mechanically Fastened To Concrete Decks, Add	29.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.59	
07 54 19 00-0012	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	279.58	60.90
			Note: Includes fasteners.		
			For Up To 10, Add	80.27	
			For >10 To 20, Add	46.23	
			For >20 To 40, Add	26.16	
			For >75 To 100, Deduct	-13.08	
			For >100 To 200, Deduct	-29.20	
			For >200, Deduct	-42.28	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
			For Mechanically Fastened To Concrete Decks, Add	30.45	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.19	
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	293.79	62.09
			Note: Includes fasteners.		
			For Up To 10, Add	83.59	
			For >10 To 20, Add	48.01	
			For >20 To 40, Add	27.11	
			For >75 To 100, Deduct	-13.55	
			For >100 To 200, Deduct	-30.21	
			For >200, Deduct	-43.77	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
			For Mechanically Fastened To Concrete Decks, Add	31.05	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.79	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat.....	47.55	
		<i>For Up To 10, Add</i>	13.33	
		<i>For >10 To 20, Add</i>	7.62	
		<i>For >20 To 40, Add</i>	4.29	
		<i>For >75 To 100, Deduct</i>	-2.14	
		<i>For >100 To 200, Deduct</i>	-4.77	
		<i>For >200, Deduct</i>	-6.91	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	48.98	
		Note: 55% solids by volume.		
		<i>For Up To 10, Add</i>	13.62	
		<i>For >10 To 20, Add</i>	7.76	
		<i>For >20 To 40, Add</i>	4.36	
		<i>For >75 To 100, Deduct</i>	-2.18	
		<i>For >100 To 200, Deduct</i>	-4.84	
		<i>For >200, Deduct</i>	-7.02	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	48.43	8.12
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	66.47	9.08
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	83.98	10.03
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket.....	105.06	10.03
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad.....	20.98	5.54
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing.....	5.49	1.43
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing.....	6.91	2.15
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	7.12	1.43
		Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		

07 54 23 Thermoplastic-Polyolefin Roofing (07 54)**07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)**

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	266.69	76.42
		Note: Includes adhesive.		
		<i>For Up To 10, Add</i>	83.90	
		<i>For >10 To 20, Add</i>	49.59	
		<i>For >20 To 40, Add</i>	28.62	
		<i>For >75 To 100, Deduct</i>	-14.31	
		<i>For >100 To 200, Deduct</i>	-32.44	
		<i>For >200, Deduct</i>	-46.75	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For Low VOC Adhesive, Add</i>	59.26	
		<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0003	SQ	50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	276.75	77.61
		Note: Includes adhesive.		
		<i>For Up To 10, Add</i>	86.39	
		<i>For >10 To 20, Add</i>	50.96	
		<i>For >20 To 40, Add</i>	29.36	
		<i>For >75 To 100, Deduct</i>	-14.68	
		<i>For >100 To 200, Deduct</i>	-33.24	
		<i>For >200, Deduct</i>	-47.92	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For 20 Year Warranty, Add</i>	7.00	
		<i>For 25 Year Warranty, Add</i>	9.00	
		<i>For Low VOC Adhesive, Add</i>	59.26	
		<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0004	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	282.55	78.81
		Note: Includes adhesive.		
		<i>For Up To 10, Add</i>	88.03	
		<i>For >10 To 20, Add</i>	51.90	
		<i>For >20 To 40, Add</i>	29.89	
		<i>For >75 To 100, Deduct</i>	-14.94	
		<i>For >100 To 200, Deduct</i>	-33.83	
		<i>For >200, Deduct</i>	-48.77	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For 20 Year Warranty, Add</i>	7.00	
		<i>For 25 Year Warranty, Add</i>	9.00	
		<i>For Low VOC Adhesive, Add</i>	59.26	
		<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0005	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	344.28	81.19
		Note: Includes adhesive.		
		<i>For Up To 10, Add</i>	101.33	
		<i>For >10 To 20, Add</i>	58.79	
		<i>For >20 To 40, Add</i>	33.45	
		<i>For >75 To 100, Deduct</i>	-16.73	
		<i>For >100 To 200, Deduct</i>	-37.51	
		<i>For >200, Deduct</i>	-54.24	
		<i>For 15 Year Warranty, Add</i>	3.00	
		<i>For 20 Year Warranty, Add</i>	7.00	
		<i>For 25 Year Warranty, Add</i>	9.00	
		<i>For Low VOC Adhesive, Add</i>	59.26	
		<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0006	SQ		45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	185.22	57.31
			<i>For Up To 10, Add</i>	59.97	
			<i>For >10 To 20, Add</i>	35.72	
			<i>For >20 To 40, Add</i>	20.72	
			<i>For >75 To 100, Deduct</i>	-10.36	
			<i>For >100 To 200, Deduct</i>	-23.59	
			<i>For >200, Deduct</i>	-33.95	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	28.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	29.40	
07 54 23 00-0007	SQ		50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	195.27	58.51
			<i>For Up To 10, Add</i>	62.46	
			<i>For >10 To 20, Add</i>	37.08	
			<i>For >20 To 40, Add</i>	21.46	
			<i>For >75 To 100, Deduct</i>	-10.73	
			<i>For >100 To 200, Deduct</i>	-24.39	
			<i>For >200, Deduct</i>	-35.12	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	29.25	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	29.99	
07 54 23 00-0008	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	201.07	59.70
			<i>For Up To 10, Add</i>	64.09	
			<i>For >10 To 20, Add</i>	38.02	
			<i>For >20 To 40, Add</i>	21.99	
			<i>For >75 To 100, Deduct</i>	-11.00	
			<i>For >100 To 200, Deduct</i>	-24.98	
			<i>For >200, Deduct</i>	-35.98	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	29.85	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	30.59	
07 54 23 00-0009	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	262.81	62.09
			<i>For Up To 10, Add</i>	77.40	
			<i>For >10 To 20, Add</i>	44.91	
			<i>For >20 To 40, Add</i>	25.56	
			<i>For >75 To 100, Deduct</i>	-12.78	
			<i>For >100 To 200, Deduct</i>	-28.66	
			<i>For >200, Deduct</i>	-41.44	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	31.05	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	31.79	
07 54 23 00-0010			Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)		
07 54 23 00-0011	SQ		Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat <i>For Up To 10, Add</i>	55.38	
			<i>For >10 To 20, Add</i>	14.90	
			<i>For >20 To 40, Add</i>	8.40	
			<i>For >75 To 100, Deduct</i>	4.68	
			<i>For >100 To 200, Deduct</i>	-2.34	
			<i>For >200, Deduct</i>	-5.16	
				-7.50	
07 54 23 00-0012	SQ		Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat..... Note: 55% solids by volume.	48.98	
			<i>For Up To 10, Add</i>	13.62	
			<i>For >10 To 20, Add</i>	7.76	
			<i>For >20 To 40, Add</i>	4.36	
			<i>For >75 To 100, Deduct</i>	-2.18	
			<i>For >100 To 200, Deduct</i>	-4.84	
			<i>For >200, Deduct</i>	-7.02	
			<i>For Tan Or Gray Color, Add</i>	1.49	
07 54 23 00-0013	EA		Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	42.46	8.12
07 54 23 00-0014	EA		>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	46.03	9.08
07 54 23 00-0015	EA		6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	80.18	10.03
07 54 23 00-0016	LF		30" Wide, TPO Walkway Protection Pad	20.77	5.54
07 54 23 00-0017	SF		Thermoplastic Polyolefin Membrane Base Flashing	5.70	1.43
07 54 23 00-0018	SF		Thermoplastic Polyolefin Curb Flashing	5.50	1.43
			<i>For Tan Or Gray Color, Add</i>	0.06	
07 54 23 00-0019	SF		Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing..... Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	7.94	1.43

07 55 Protected Membrane Roofing (07 50)

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 56 Fluid-Applied Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 56 Fluid-Applied Roofing (07 50)**07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats** (07 56)

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing.....	890.34	127.16
		<i>For Each Additional Coat, Add</i>	133.55	

07 56 00 00-0003 Vinyl Spray Liquid Roofing (07 56)

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing.....	828.22	134.01
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing.....	926.37	149.66

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing (07 56)

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	292.28	76.79
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	366.70	76.79
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	422.68	76.79

07 56 00 00-0010 Rubberized Acrylic Roof Coating, Sprayed On (07 56)

Note: As manufactured by Tru-Co, Inc.

07 56 00 00-0011 Rubberized Acrylic Roof Coating, Sprayed On Assemblies (07 56 00 00-0010)

07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam.....	705.47	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks.....	724.62	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing.....	299.68	
07 56 00 00-0015	SQ	Installation Over Existing Tar (Asphalt) And Gravel Roof.....	905.59	
07 56 00 00-0016	SQ	Installation Over New Construction, Waterproofing.....	523.31	
07 56 00 00-0017	SQ	Installation Over Mobile Home.....	342.04	
07 56 00 00-0018	SQ	Installation Over Corrugated Metal Roofs.....	404.68	
07 56 00 00-0019	SQ	Installation Over Granulate Mineral Surface, Cap Sheet (Semi-Smooth) Surface.....	768.11	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges).....	2.64	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges).....	3.71	

07 56 00 00-0022 Polyurethane Roof Coating, Sprayed On Assemblies (07 56)

Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.

07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating.....	10.45	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating.....	10.03	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating.....	9.62	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating.....	9.11	

07 56 00 00-0027 Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)

07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....	1,091.49	76.79
		Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.		

07 56 00 00-0029 Urethane Liquid Roofing Membrane (07 56)

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	58.65	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	4.33	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	222.35	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....	59.62	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	538.50	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	807.86	
07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	556.87	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	148.75	

07 57 Coated Foamed Roofing (07 50)**07 57 13 Sprayed Polyurethane Foam Roofing** (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems (07 57 13)**07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating** (07 57 13 00-0001)**07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating** (07 57 13 00-0002)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	296.06	47.16
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	353.15	50.52
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	410.26	53.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0007	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	535.59	60.63
07 57 13 00-0008	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	638.66	67.37
07 57 13 00-0009	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	752.85	74.11
07 57 13 00-0010	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	867.04	80.84
07 57 13 00-0011			Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0012	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	304.71	47.16
07 57 13 00-0013	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	361.81	50.52
07 57 13 00-0014	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	418.91	53.89
07 57 13 00-0015	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	533.11	60.63
07 57 13 00-0016	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	647.31	67.37
07 57 13 00-0017	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	761.51	74.11
07 57 13 00-0018	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	875.70	80.84
07 57 13 00-0019			Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0020	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	325.74	47.16
07 57 13 00-0021	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	380.98	50.52
07 57 13 00-0022	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	436.23	53.89
07 57 13 00-0023	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	550.43	60.63
07 57 13 00-0024	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	710.88	67.37
07 57 13 00-0025	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	834.48	74.11
07 57 13 00-0026	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	958.06	80.84
07 57 13 00-0027			Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating <small>(07 57 13 00-0001)</small>		
07 57 13 00-0028			Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0027)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0029	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	331.92	47.16
07 57 13 00-0030	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	393.72	50.52
07 57 13 00-0031	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	455.52	53.89
07 57 13 00-0032	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	579.12	60.63
07 57 13 00-0033	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	702.72	67.37
07 57 13 00-0034	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	826.31	74.11
07 57 13 00-0035	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	949.90	80.84
07 57 13 00-0036			Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0027)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0037	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	344.17	47.16
07 57 13 00-0038	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	405.96	50.52
07 57 13 00-0039	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	467.76	53.89
07 57 13 00-0040	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	591.36	60.63
07 57 13 00-0041	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	714.96	67.37

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 57 Coated Foamed Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 57 13 00-0042	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	838.56	74.11
07 57 13 00-0043	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	962.15	80.84

07 57 13 00-0044 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0045	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	353.69	47.16
07 57 13 00-0046	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	415.48	50.52
07 57 13 00-0047	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	477.29	53.89
07 57 13 00-0048	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	600.88	60.63
07 57 13 00-0049	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	724.48	67.37
07 57 13 00-0050	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	848.08	74.11
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	971.67	80.84

07 58 Roll Roofing
07 58 00 00-0001 Prepared Roll Roofing

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	168.58	30.32
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07 59 Membrane Roofing Termination Bar
07 59 00 00-0001 Membrane Roofing Termination Bar

07 59 00 00-0002	LF	Membrane Roofing Termination Bar.....	3.81	1.37
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Note: Includes fasteners and caulking.

07 60 Flashing And Sheet Metal
07 61 Sheet Metal Roofing
07 61 13 Standing Seam Sheet Metal Roofing
07 61 13 00-0001 Standing Seam Concealed Fastener Roofing
07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing

07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	16.05	2.90
		For Steep Roof, Over 6 To 12, Add	1.74	
		For 140 MPH Wind Load, Add	0.79	
		For Panels <16" Wide, Add	1.88	
		For Up To 1,500, Add	4.01	
		For >1,500 To 5,000, Add	2.41	
		For >5,000 To 10,000, Add	0.40	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....	17.55	3.15
		For Steep Roof, Over 6 To 12, Add	1.89	
		For 140 MPH Wind Load, Add	0.86	
		For Panels <16" Wide, Add	2.04	
		For Up To 1,500, Add	4.39	
		For >1,500 To 5,000, Add	2.63	
		For >5,000 To 10,000, Add	0.44	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	20.36	3.43
		For Steep Roof, Over 6 To 12, Add	2.06	
		For 140 MPH Wind Load, Add	0.96	
		For Panels <16" Wide, Add	2.29	
		For Up To 1,500, Add	5.09	
		For >1,500 To 5,000, Add	3.05	
		For >5,000 To 10,000, Add	0.51	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing

07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	18.50	3.15
		For Steep Roof, Over 6 To 12, Add	1.89	
		For 140 MPH Wind Load, Add	0.87	
		For Panels <16" Wide, Add	2.09	
		For Up To 1,500, Add	4.63	
		For >1,500 To 5,000, Add	2.78	
		For >5,000 To 10,000, Add	0.46	
		For Tin/Copper, Deduct	-0.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	21.81	3.28
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.97	
			<i>For 140 MPH Wind Load, Add</i>	0.96	
			<i>For Panels <16" Wide, Add</i>	2.30	
			<i>For Up To 1,500, Add</i>	5.45	
			<i>For >1,500 To 5,000, Add</i>	3.27	
			<i>For >5,000 To 10,000, Add</i>	0.55	
			<i>For Tin/Copper, Deduct</i>	-0.31	
07 61 13 00-0009	SF		0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	24.46	3.43
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.06	
			<i>For 140 MPH Wind Load, Add</i>	1.04	
			<i>For Panels <16" Wide, Add</i>	2.49	
			<i>For Up To 1,500, Add</i>	6.12	
			<i>For >1,500 To 5,000, Add</i>	3.67	
			<i>For >5,000 To 10,000, Add</i>	0.61	
			<i>For Tin/Copper, Deduct</i>	-0.35	
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	29.88	3.60
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.15	
			<i>For 140 MPH Wind Load, Add</i>	1.17	
			<i>For Panels <16" Wide, Add</i>	2.82	
			<i>For Up To 1,500, Add</i>	7.47	
			<i>For >1,500 To 5,000, Add</i>	4.48	
			<i>For >5,000 To 10,000, Add</i>	0.75	
			<i>For Tin/Copper, Deduct</i>	-0.45	
07 61 13 00-0011			Accessories For Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0012	LF		Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	62.21	6.00
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.50	
			<i>For 140 MPH Wind Load, Add</i>	2.44	
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	39.35	6.00
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.50	
			<i>For 140 MPH Wind Load, Add</i>	1.99	
07 61 13 00-0014	LF		Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	83.82	6.00
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.50	
			<i>For 140 MPH Wind Load, Add</i>	2.88	
07 61 13 00-0015	LF		Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	63.92	6.00
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.50	
			<i>For 140 MPH Wind Load, Add</i>	2.48	
07 61 16			Batten Seam Sheet Metal Roofing (07 61)		
07 61 16 00-0001			Copper Batten Seam Concealed Fastener Roofing (07 61 16)		
07 61 16 00-0002			Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0003	SF		16 Ounce Copper Batten Seam Concealed Fastener Roofing	19.61	3.43
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.06	
			<i>For 140 MPH Wind Load, Add</i>	0.94	
			<i>For Panels <16" Wide, Add</i>	2.25	
			<i>For Up To 1,500, Add</i>	4.90	
			<i>For >1,500 To 5,000, Add</i>	2.94	
			<i>For >5,000 To 10,000, Add</i>	0.49	
07 61 16 00-0004	SF		18 Ounce Copper Batten Seam Concealed Fastener Roofing	21.45	3.61
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.16	
			<i>For 140 MPH Wind Load, Add</i>	1.01	
			<i>For Panels <16" Wide, Add</i>	2.40	
			<i>For Up To 1,500, Add</i>	5.36	
			<i>For >1,500 To 5,000, Add</i>	3.22	
			<i>For >5,000 To 10,000, Add</i>	0.54	
07 61 16 00-0005	SF		20 Ounce Copper Batten Seam Concealed Fastener Roofing	24.54	3.78
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.26	
			<i>For 140 MPH Wind Load, Add</i>	1.09	
			<i>For Panels <16" Wide, Add</i>	2.62	
			<i>For Up To 1,500, Add</i>	6.14	
			<i>For >1,500 To 5,000, Add</i>	3.68	
			<i>For >5,000 To 10,000, Add</i>	0.61	
07 61 16 00-0006			Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0007	SF		0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	19.55	3.15
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.89	
			<i>For 140 MPH Wind Load, Add</i>	0.90	
			<i>For Panels <16" Wide, Add</i>	2.14	
			<i>For Up To 1,500, Add</i>	4.89	
			<i>For >1,500 To 5,000, Add</i>	2.93	
			<i>For >5,000 To 10,000, Add</i>	0.49	
			<i>For Tin/Copper, Deduct</i>	-0.27	
07 61 16 00-0008	SF		0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	23.31	3.28
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.97	
			<i>For 140 MPH Wind Load, Add</i>	0.99	
			<i>For Panels <16" Wide, Add</i>	2.38	
			<i>For Up To 1,500, Add</i>	5.83	
			<i>For >1,500 To 5,000, Add</i>	3.50	
			<i>For >5,000 To 10,000, Add</i>	0.58	
			<i>For Tin/Copper, Deduct</i>	-0.34	

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 61 Sheet Metal Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	25.86	3.43
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.06	
		<i>For 140 MPH Wind Load, Add</i>	1.07	
		<i>For Panels <16" Wide, Add</i>	2.56	
		<i>For Up To 1,500, Add</i>	6.47	
		<i>For >1,500 To 5,000, Add</i>	3.88	
		<i>For >5,000 To 10,000, Add</i>	0.65	
		<i>For Tin/Copper, Deduct</i>	-0.38	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	31.68	3.60
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.15	
		<i>For 140 MPH Wind Load, Add</i>	1.21	
		<i>For Panels <16" Wide, Add</i>	2.91	
		<i>For Up To 1,500, Add</i>	7.92	
		<i>For >1,500 To 5,000, Add</i>	4.75	
		<i>For >5,000 To 10,000, Add</i>	0.79	
		<i>For Tin/Copper, Deduct</i>	-0.49	

07 61 19 Flat Seam Sheet Metal Roofing (07 61)**07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing (07 61 19)****07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)**

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing.....	15.70	3.15
		<i>For Steep Roof, Over 6 To 12, Add</i>	1.89	
		<i>For 140 MPH Wind Load, Add</i>	0.82	
		<i>For Panels <16" Wide, Add</i>	1.95	
		<i>For Up To 1,500, Add</i>	3.93	
		<i>For >1,500 To 5,000, Add</i>	2.36	
		<i>For >5,000 To 10,000, Add</i>	0.39	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing.....	17.06	3.28
		<i>For Steep Roof, Over 6 To 12, Add</i>	1.97	
		<i>For 140 MPH Wind Load, Add</i>	0.87	
		<i>For Panels <16" Wide, Add</i>	2.07	
		<i>For Up To 1,500, Add</i>	4.27	
		<i>For >1,500 To 5,000, Add</i>	2.56	
		<i>For >5,000 To 10,000, Add</i>	0.43	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing.....	19.36	3.43
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.06	
		<i>For 140 MPH Wind Load, Add</i>	0.94	
		<i>For Panels <16" Wide, Add</i>	2.24	
		<i>For Up To 1,500, Add</i>	4.84	
		<i>For >1,500 To 5,000, Add</i>	2.90	
		<i>For >5,000 To 10,000, Add</i>	0.48	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)

07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	17.55	3.15
		<i>For Steep Roof, Over 6 To 12, Add</i>	1.89	
		<i>For 140 MPH Wind Load, Add</i>	0.86	
		<i>For Panels <16" Wide, Add</i>	2.04	
		<i>For Up To 1,500, Add</i>	4.39	
		<i>For >1,500 To 5,000, Add</i>	2.63	
		<i>For >5,000 To 10,000, Add</i>	0.44	
		<i>For Tin/Copper, Deduct</i>	-0.23	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	20.81	3.28
		<i>For Steep Roof, Over 6 To 12, Add</i>	1.97	
		<i>For 140 MPH Wind Load, Add</i>	0.94	
		<i>For Panels <16" Wide, Add</i>	2.25	
		<i>For Up To 1,500, Add</i>	5.20	
		<i>For >1,500 To 5,000, Add</i>	3.12	
		<i>For >5,000 To 10,000, Add</i>	0.52	
		<i>For Tin/Copper, Deduct</i>	-0.29	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	23.11	3.43
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.06	
		<i>For 140 MPH Wind Load, Add</i>	1.01	
		<i>For Panels <16" Wide, Add</i>	2.42	
		<i>For Up To 1,500, Add</i>	5.78	
		<i>For >1,500 To 5,000, Add</i>	3.47	
		<i>For >5,000 To 10,000, Add</i>	0.58	
		<i>For Tin/Copper, Deduct</i>	-0.33	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	28.18	3.60
		<i>For Steep Roof, Over 6 To 12, Add</i>	2.15	
		<i>For 140 MPH Wind Load, Add</i>	1.14	
		<i>For Panels <16" Wide, Add</i>	2.74	
		<i>For Up To 1,500, Add</i>	7.05	
		<i>For >1,500 To 5,000, Add</i>	4.23	
		<i>For >5,000 To 10,000, Add</i>	0.70	
		<i>For Tin/Copper, Deduct</i>	-0.42	

07 62 Sheet Metal Flashing And Trim (07 60)**07 62 13 Fabricated Copings (07 62)****07 62 13 00-0001 Lead Flashing And Trim (07 62 13)**

07 62 13 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	16.24	4.85
		<i>For Up To 100, Add</i>	4.06	
07 62 13 00-0003	SF	4 LB/SF Sheet Lead Flashing	20.45	4.85
		<i>For Up To 100, Add</i>	5.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 62 13 00-0004			Copper Flashing And Trim <small>(07 62 13)</small>		
07 62 13 00-0005			Copper Flashing And Trim <small>(07 62 13 00-0004)</small>		
07 62 13 00-0006	SF		16 Ounce, 0.021" Thick, Copper Flashing And Trim.....	21.96	4.74
			For Up To 100, Add	5.49	
			For >500 To 2,000, Deduct	-3.04	
			For >2,000, Deduct	-3.67	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.88	
			For Wrap Around Window Panning, Add	9.38	
07 62 13 00-0007	SF		20 Ounce, 0.027" Thick, Copper Flashing And Trim.....	22.70	4.85
			For Up To 100, Add	5.68	
			For >500 To 2,000, Deduct	-3.15	
			For >2,000, Deduct	-3.79	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.96	
			For Wrap Around Window Panning, Add	9.80	
07 62 13 00-0008	SF		24 Ounce, 0.032" Thick, Copper Flashing And Trim.....	25.75	5.18
			For Up To 100, Add	6.44	
			For >500 To 2,000, Deduct	-3.55	
			For >2,000, Deduct	-4.33	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.05	
			For Wrap Around Window Panning, Add	10.27	
07 62 13 00-0009	SF		32 Ounce, 0.043" Thick, Copper Flashing And Trim.....	31.42	5.39
			For Up To 100, Add	7.86	
			For >500 To 2,000, Deduct	-4.30	
			For >2,000, Deduct	-5.33	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.16	
			For Wrap Around Window Panning, Add	10.78	
07 62 13 00-0010			Stainless Steel Flashing And Trim <small>(07 62 13)</small>		
07 62 13 00-0011			Stainless Steel Flashing And Trim <small>(07 62 13 00-0010)</small>		
07 62 13 00-0012	SF		32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim.....	8.85	2.58
			For Up To 100, Add	2.21	
			For Wrap Around Window Panning, Add	6.65	
			For Mechanically Keyed Flashing, Add	0.88	
07 62 13 00-0013	SF		30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim.....	9.50	2.91
			For Up To 100, Add	2.38	
			For Wrap Around Window Panning, Add	6.76	
			For Mechanically Keyed Flashing, Add	1.10	
07 62 13 00-0014	SF		28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim.....	10.17	3.24
			For Up To 100, Add	2.54	
			For Wrap Around Window Panning, Add	6.88	
			For Mechanically Keyed Flashing, Add	1.32	
07 62 13 00-0015	SF		26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim.....	11.22	3.56
			For Up To 100, Add	2.81	
			For Wrap Around Window Panning, Add	7.10	
			For Mechanically Keyed Flashing, Add	1.65	
07 62 13 00-0016	SF		24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....	12.98	3.77
			For Up To 100, Add	3.25	
			For Wrap Around Window Panning, Add	7.49	
			For Mechanically Keyed Flashing, Add	2.20	
07 62 13 00-0017	SF		22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim.....	14.11	3.96
			For Up To 100, Add	3.53	
			For Wrap Around Window Panning, Add	7.92	
			For Mechanically Keyed Flashing, Add	2.48	
07 62 13 00-0018	SF		20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim.....	15.10	4.20
			For Up To 100, Add	3.78	
			For Wrap Around Window Panning, Add	8.39	
			For Mechanically Keyed Flashing, Add	2.68	
07 62 13 00-0019			Aluminum Flashing And Trim <small>(07 62 13)</small>		
07 62 13 00-0020			Aluminum Flashing And Trim <small>(07 62 13 00-0019)</small>		
07 62 13 00-0021	SF		0.013" Thick, Mill Finish, Aluminum Flashing And Trim.....	10.18	3.35
			For Up To 100, Add	2.55	
			For Baked Aluminum Colors, Add	0.27	
			For Wrap Around Window Panning, Add	7.44	
07 62 13 00-0022	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim.....	10.78	3.35
			For Up To 100, Add	2.70	
			For Baked Aluminum Colors, Add	0.33	
			For Wrap Around Window Panning, Add	7.44	
07 62 13 00-0023	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim.....	11.25	3.35
			For Up To 100, Add	2.81	
			For Baked Aluminum Colors, Add	0.38	
			For Wrap Around Window Panning, Add	7.44	
07 62 13 00-0024	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim.....	11.94	3.35
			For Up To 100, Add	2.99	
			For Baked Aluminum Colors, Add	0.45	
			For Wrap Around Window Panning, Add	7.44	
07 62 13 00-0025	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim.....	12.90	3.35
			For Up To 100, Add	3.23	
			For Baked Aluminum Colors, Add	0.55	
			For Wrap Around Window Panning, Add	7.44	

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 62 13 00-0026	SF 0.040" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add	13.49 3.37 0.61 7.44	3.35
07 62 13 00-0027	SF 0.050" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add	13.97 3.49 0.65 7.44	3.35
07 62 13 00-0028	Steel Flashing And Trim (07 62 13)		
07 62 13 00-0029	Galvanized Steel Flashing And Trim (07 62 13 00-0028)		
07 62 13 00-0030	SF 28 Gauge, 0.019" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add	10.00 2.50 6.88	3.24
07 62 13 00-0031	SF 26 Gauge, 0.022" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add	10.39 2.60 7.10	3.56
07 62 13 00-0032	SF 24 Gauge, 0.028" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add	11.04 2.76 7.49	3.77
07 62 13 00-0033	SF 22 Gauge, 0.034" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add	11.73 2.93 7.92	3.96
07 62 13 00-0034	SF 20 Gauge, 0.04" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add	12.65 3.16 8.39	4.20
07 62 19	Fabricated Gravel Stops and Fasciae (07 62)		
07 62 19 00-0001	Aluminum Drip Edge (07 62 19) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0002	KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0001)		
07 62 19 00-0003	0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004	LF Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.08	1.01
07 62 19 00-0005	LF >5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.82	1.01
07 62 19 00-0006	LF >7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.26	1.01
07 62 19 00-0007	LF >9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.14	1.01
07 62 19 00-0008	LF >12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.71	1.01
07 62 19 00-0009	0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0010	LF Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.33	1.01
07 62 19 00-0011	LF >5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.10	1.01
07 62 19 00-0012	LF >7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.68	1.01
07 62 19 00-0013	LF >9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.64	1.01
07 62 19 00-0014	LF >12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.18	1.01
07 62 19 00-0015	0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0016	LF Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.58	1.01
07 62 19 00-0017	LF >5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.43	1.01
07 62 19 00-0018	LF >7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.08	1.01
07 62 19 00-0019	LF >9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.13	1.01
07 62 19 00-0020	LF >12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.84	1.01
07 62 19 00-0021	0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0022	LF Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.07	1.01
07 62 19 00-0023	LF >5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.09	1.01
07 62 19 00-0024	LF >7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.86	1.01
07 62 19 00-0025	LF >9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.12	1.01
07 62 19 00-0026	LF >12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.16	1.01
07 62 19 00-0027	0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0028	LF Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.24	1.01
07 62 19 00-0029	LF >5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.34	1.01
07 62 19 00-0030	LF >7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.12	1.01
07 62 19 00-0031	LF >9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.45	1.01
07 62 19 00-0032	LF >12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.60	1.01
07 62 19 00-0033	0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0034	LF Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.81	1.01
07 62 19 00-0035	LF >5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.08	1.01
07 62 19 00-0036	LF >7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.03	1.01
07 62 19 00-0037	LF >9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.61	1.01
07 62 19 00-0038	LF >12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.14	1.01
07 62 19 00-0039	0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0040	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	6.64	1.01
07 62 19 00-0041	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	8.18	1.01
07 62 19 00-0042	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	9.33	1.01
07 62 19 00-0043	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	11.26	1.01
07 62 19 00-0044	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	14.34	1.01
07 62 19 00-0045		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0046	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	7.63	1.01
07 62 19 00-0047	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	9.50	1.01
07 62 19 00-0048	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	10.90	1.01
07 62 19 00-0049	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	13.24	1.01
07 62 19 00-0050	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	16.98	1.01
07 62 19 00-0051		Mill Finish, Aluminum Drip Edge (07 62 19 00-0001)		
07 62 19 00-0052		0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0053	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	3.44	1.01
07 62 19 00-0054	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	3.95	1.01
07 62 19 00-0055	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	4.26	1.01
07 62 19 00-0056	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	4.86	1.01
07 62 19 00-0057	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	5.95	1.01
07 62 19 00-0058		0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0059	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	3.61	1.01
07 62 19 00-0060	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	4.14	1.01
07 62 19 00-0061	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	4.54	1.01
07 62 19 00-0062	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	5.21	1.01
07 62 19 00-0063	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	6.27	1.01
07 62 19 00-0064		0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0065	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	3.78	1.01
07 62 19 00-0066	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	4.37	1.01
07 62 19 00-0067	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	4.82	1.01
07 62 19 00-0068	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	5.55	1.01
07 62 19 00-0069	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	6.72	1.01
07 62 19 00-0070		0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0071	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	4.12	1.01
07 62 19 00-0072	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	4.83	1.01
07 62 19 00-0073	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	5.36	1.01
07 62 19 00-0074	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	6.23	1.01
07 62 19 00-0075	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	7.63	1.01
07 62 19 00-0076		0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0077	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	4.24	1.01
07 62 19 00-0078	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	5.00	1.01
07 62 19 00-0079	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	5.54	1.01
07 62 19 00-0080	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	6.46	1.01
07 62 19 00-0081	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	7.94	1.01
07 62 19 00-0082		0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0083	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	4.64	1.01
07 62 19 00-0084	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	5.51	1.01
07 62 19 00-0085	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	6.16	1.01
07 62 19 00-0086	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	7.25	1.01
07 62 19 00-0087	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	9.00	1.01
07 62 19 00-0088		0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0089	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	5.21	1.01
07 62 19 00-0090	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	6.27	1.01
07 62 19 00-0091	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	7.06	1.01
07 62 19 00-0092	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	8.39	1.01
07 62 19 00-0093	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	10.52	1.01
07 62 19 00-0094		0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0095	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	5.89	1.01
07 62 19 00-0096	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	7.18	1.01
07 62 19 00-0097	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	8.15	1.01
07 62 19 00-0098	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	9.76	1.01
07 62 19 00-0099	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	12.34	1.01
07 62 19 00-0100		Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0001)		
07 62 19 00-0101		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)		

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**
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 UNIT COST UNIT COST

07 62 19 00-0102	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.21	1.01
07 62 19 00-0103	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.99	1.01
07 62 19 00-0104	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.46	1.01
07 62 19 00-0105	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.39	1.01
07 62 19 00-0106	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.05	1.01
07 62 19 00-0107		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0108	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.47	1.01
07 62 19 00-0109	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.28	1.01
07 62 19 00-0110	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.90	1.01
07 62 19 00-0111	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.92	1.01
07 62 19 00-0112	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.55	1.01
07 62 19 00-0113		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0114	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.73	1.01
07 62 19 00-0115	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.63	1.01
07 62 19 00-0116	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.32	1.01
07 62 19 00-0117	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.44	1.01
07 62 19 00-0118	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.25	1.01
07 62 19 00-0119		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0120	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.26	1.01
07 62 19 00-0121	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.33	1.01
07 62 19 00-0122	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.15	1.01
07 62 19 00-0123	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.49	1.01
07 62 19 00-0124	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	10.65	1.01
07 62 19 00-0125		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0126	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.43	1.01
07 62 19 00-0127	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.60	1.01
07 62 19 00-0128	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.43	1.01
07 62 19 00-0129	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.84	1.01
07 62 19 00-0130	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	11.11	1.01
07 62 19 00-0131		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0132	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.04	1.01
07 62 19 00-0133	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.38	1.01
07 62 19 00-0134	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.39	1.01
07 62 19 00-0135	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	10.06	1.01
07 62 19 00-0136	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.75	1.01
07 62 19 00-0137		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0138	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.92	1.01
07 62 19 00-0139	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.55	1.01
07 62 19 00-0140	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.77	1.01
07 62 19 00-0141	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	11.81	1.01
07 62 19 00-0142	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	15.08	1.01
07 62 19 00-0143		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge <small>(07 62 19 00-0100)</small>		
07 62 19 00-0144	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.97	1.01
07 62 19 00-0145	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.95	1.01
07 62 19 00-0146	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	11.43	1.01
07 62 19 00-0147	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.91	1.01
07 62 19 00-0148	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.88	1.01
07 62 19 00-0149		Galvanized Steel Drip Edge <small>(07 62 19)</small>		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0150		Galvanized Steel Drip Edge <small>(07 62 19 00-0149)</small>		
07 62 19 00-0151		26 Gauge, Galvanized Steel Drip Edge <small>(07 62 19 00-0150)</small>		
07 62 19 00-0152	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	4.34	1.01
07 62 19 00-0153	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	5.14	1.01
07 62 19 00-0154	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	5.70	1.01
07 62 19 00-0155	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	6.67	1.01
07 62 19 00-0156	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	8.21	1.01
07 62 19 00-0157		24 Gauge, Galvanized Steel Drip Edge <small>(07 62 19 00-0150)</small>		
07 62 19 00-0158	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	4.69	1.01
07 62 19 00-0159	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	5.60	1.01
07 62 19 00-0160	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	6.26	1.01
07 62 19 00-0161	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	7.37	1.01
07 62 19 00-0162	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	9.14	1.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 62 19 00-0163			KYNAR 500® Finish, Galvanized Steel Drip Edge <small>(07 62 19 00-0149)</small>		
07 62 19 00-0164			26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge <small>(07 62 19 00-0163)</small>		
07 62 19 00-0165	LF		Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.39	1.01
07 62 19 00-0166	LF		>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	6.54	1.01
07 62 19 00-0167	LF		>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	7.36	1.01
07 62 19 00-0168	LF		>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	8.76	1.01
07 62 19 00-0169	LF		>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	11.00	1.01
07 62 19 00-0170			24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge <small>(07 62 19 00-0163)</small>		
07 62 19 00-0171	LF		Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.89	1.01
07 62 19 00-0172	LF		>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	7.22	1.01
07 62 19 00-0173	LF		>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	8.16	1.01
07 62 19 00-0174	LF		>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	9.77	1.01
07 62 19 00-0175	LF		>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	12.35	1.01
07 62 19 00-0176			Stainless Steel Drip Edge <small>(07 62 19)</small>		
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.					
07 62 19 00-0177			26 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0176)</small>		
07 62 19 00-0178	LF		Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge.....	5.14	1.01
07 62 19 00-0179	LF		>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge.....	6.17	1.01
07 62 19 00-0180	LF		>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge.....	6.95	1.01
07 62 19 00-0181	LF		>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge.....	8.25	1.01
07 62 19 00-0182	LF		>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge.....	10.33	1.01
07 62 19 00-0183			24 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0176)</small>		
07 62 19 00-0184	LF		Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge.....	6.12	1.01
07 62 19 00-0185	LF		>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge.....	7.48	1.01
07 62 19 00-0186	LF		>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge.....	8.51	1.01
07 62 19 00-0187	LF		>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge.....	10.21	1.01
07 62 19 00-0188	LF		>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge.....	12.94	1.01
07 62 19 00-0189			22 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0176)</small>		
07 62 19 00-0190	LF		Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge.....	7.27	1.01
07 62 19 00-0191	LF		>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge.....	9.02	1.01
07 62 19 00-0192	LF		>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge.....	10.34	1.01
07 62 19 00-0193	LF		>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge.....	12.52	1.01
07 62 19 00-0194	LF		>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge.....	16.02	1.01

07 63 Sheet Metal Roofing Specialties (07 60)

07 63 00 00-0001			Pitch Pockets <small>(07 63)</small>		
Note: Cut into deck, filled with non-shrink grout, includes blocking.					
07 63 00 00-0002			24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0003	EA		4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	62.92	
For Pourable Sealer Filled, Add				22.68	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				11.35	
07 63 00 00-0004	EA		6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	74.22	
For Pourable Sealer Filled, Add				51.06	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				25.60	
07 63 00 00-0005	EA		8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	89.04	
For Pourable Sealer Filled, Add				90.72	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				45.26	
07 63 00 00-0006	EA		8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	97.84	
For Pourable Sealer Filled, Add				113.40	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				56.89	
07 63 00 00-0007	EA		8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	105.88	
For Pourable Sealer Filled, Add				136.08	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				68.05	
07 63 00 00-0008	SF		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	123.22	
For Pourable Sealer Filled, Add				204.12	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				101.43	
07 63 00 00-0009			16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0010	EA		4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	77.37	
For Pourable Sealer Filled, Add				22.68	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				11.35	
07 63 00 00-0011	EA		6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	91.17	
For Pourable Sealer Filled, Add				51.06	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				25.60	
07 63 00 00-0012	EA		8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	109.07	
For Pourable Sealer Filled, Add				90.72	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				45.26	
07 63 00 00-0013	EA		8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	120.83	
For Pourable Sealer Filled, Add				113.40	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add				56.89	

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 63 Sheet Metal Roofing Specialties**
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07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	129.38	
		<i>For Pourable Sealer Filled, Add</i>	136.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	68.05	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	148.17	
		<i>For Pourable Sealer Filled, Add</i>	204.12	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	101.43	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	74.18	
		<i>For Pourable Sealer Filled, Add</i>	22.68	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.35	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	86.78	
		<i>For Pourable Sealer Filled, Add</i>	51.06	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.60	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	99.72	
		<i>For Pourable Sealer Filled, Add</i>	90.72	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.26	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	108.15	
		<i>For Pourable Sealer Filled, Add</i>	113.40	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	56.89	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	115.73	
		<i>For Pourable Sealer Filled, Add</i>	136.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	68.05	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	132.01	
		<i>For Pourable Sealer Filled, Add</i>	204.12	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	101.43	
07 63 00 00-0023		Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout <small>(07 63 00 00-0001)</small>		
		Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	64.94	
		<i>For Pourable Sealer Filled, Add</i>	22.68	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.35	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	72.32	
		<i>For Pourable Sealer Filled, Add</i>	51.06	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.60	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	81.91	
		<i>For Pourable Sealer Filled, Add</i>	90.72	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.26	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	88.24	
		<i>For Pourable Sealer Filled, Add</i>	113.40	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	56.89	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	94.57	
		<i>For Pourable Sealer Filled, Add</i>	136.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	68.05	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	109.54	
		<i>For Pourable Sealer Filled, Add</i>	204.12	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	101.43	
07 63 00 00-0030		Lead Pipe Flashing For Roofs <small>(07 63)</small>		
		Note: Includes 6" skirt base.		
07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....	80.11	26.89
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	80.11	26.89
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	94.86	26.89
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	103.29	26.89
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	107.50	26.89
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	109.61	26.89
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	130.68	26.89
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	140.16	26.89
07 63 00 00-0039		Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing <small>(07 63)</small>		
07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	61.97	17.38
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	62.47	17.38
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	64.29	17.38
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	65.86	17.38
07 65 Flexible Flashing <small>(07 60)</small>				
07 65 16 Modified Bituminous Sheet Flashing <small>(07 65)</small>				
07 65 16 00-0001		Liquid Flashing System For Modified And BUR Systems <small>(07 65 16)</small>		
		See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing.....	9.49	1.91
		Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		
07 65 19 Plastic Sheet Flashing <small>(07 65)</small>				
07 65 19 00-0001		Plastic Flashing And Trim <small>(07 65 19)</small>		
07 65 19 00-0002		Neoprene Flashing <small>(07 65 19 00-0001)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 65 19 00-0003			60 Mil Neoprene Flashing (07 65 19 00-0002)		
07 65 19 00-0004	LF		6" Wide Strip, 60 Mil, Neoprene Flashing.....	7.74	2.73
07 65 19 00-0005	LF		12" Wide Strip, 60 Mil, Neoprene Flashing.....	9.76	2.93
07 65 19 00-0006	LF		18" Wide Strip, 60 Mil, Neoprene Flashing.....	12.07	3.23
07 65 19 00-0007	LF		24" Wide Strip, 60 Mil, Neoprene Flashing.....	14.57	3.64

07 65 33 Flexible Roof Boot (07 65)

07 65 33 00-0001			Neoprene Roof Boot (07 65 33)		
07 65 33 00-0002	EA		2" Diameter Pipe, Neoprene Roof Boot.....	36.37	8.39
07 65 33 00-0003	EA		3" Diameter Pipe, Neoprene Roof Boot.....	42.49	9.40
07 65 33 00-0004	EA		4" Diameter Pipe, Neoprene Roof Boot.....	46.98	10.10

07 70 Roof And Wall Specialties And Accessories (07)

07 71 Roof Specialties (07 70)

07 71 13 Manufactured Copings (07 71)

07 71 13 00-0001			Galvanized Steel Copings (07 71 13)		
07 71 13 00-0002			KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats (07 71 13 00-0001)		
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 13 00-0003	LF		10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	21.02	2.19
07 71 13 00-0004	LF		>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	22.21	2.37
07 71 13 00-0005	LF		>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	25.20	2.49
07 71 13 00-0006	LF		>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	29.17	2.73
07 71 13 00-0007	LF		>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	34.98	2.85

07 71 13 00-0008 Aluminum Copings (07 71 13)

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010			0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)		
07 71 13 00-0011	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	16.96	2.19
07 71 13 00-0012	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	18.13	2.37
07 71 13 00-0013	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	20.96	2.49
07 71 13 00-0014	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	24.88	2.73
07 71 13 00-0015	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	30.59	2.85

07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)

07 71 13 00-0017	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	18.30	2.19
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	19.55	2.37
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	22.65	2.49
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	26.91	2.73
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	33.17	2.85

07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)

07 71 13 00-0023	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	19.39	2.19
07 71 13 00-0024	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	20.82	2.37
07 71 13 00-0025	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	24.74	2.49
07 71 13 00-0026	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	30.66	2.73
07 71 13 00-0027	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	39.23	2.85

07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0029			0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
07 71 13 00-0030	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	22.96	2.19
07 71 13 00-0031	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	24.51	2.37

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	28.53	2.49
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	34.03	2.73
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.21	2.85
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	24.89	2.19
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	26.57	2.37
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	30.97	2.49
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	36.98	2.73
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.96	2.85
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	26.48	2.19
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	28.41	2.37
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	34.00	2.49
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.41	2.73
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	54.75	2.85
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	24.12	2.19
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.75	2.37
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	30.00	2.49
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	35.80	2.73
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.46	2.85
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	26.17	2.19
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	27.93	2.37
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	32.58	2.49
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	38.92	2.73
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.43	2.85
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	27.85	2.19
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	29.88	2.37
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	35.80	2.49
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.68	2.73
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	57.75	2.85
07 71 13 00-0066		Remove And Reinstall Metal Coping <small>(07 71 13)</small>		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	7.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 71 19 Manufactured Gravel Stops And Fasciae (07 71)

07 71 19 00-0001			Gravel Stop (07 71 19)		
07 71 19 00-0002			Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003			Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004			KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.93	1.82
07 71 19 00-0007	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	13.13	1.88
07 71 19 00-0008	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	13.37	1.94
07 71 19 00-0009			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	13.61	1.82
07 71 19 00-0011	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	13.84	1.88
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	14.12	1.94
07 71 19 00-0013			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0014	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	14.51	1.82
07 71 19 00-0015	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	14.69	1.88
07 71 19 00-0016	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	15.07	1.94
07 71 19 00-0017			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	15.11	1.82
07 71 19 00-0019	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	15.32	1.88
07 71 19 00-0020	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	15.73	1.94
07 71 19 00-0021			Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0022			0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	9.14	1.82
07 71 19 00-0024	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	9.52	1.88
07 71 19 00-0025	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	9.95	1.94
07 71 19 00-0026			0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	9.71	1.82
07 71 19 00-0028	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	10.02	1.88
07 71 19 00-0029	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	10.33	1.94
07 71 19 00-0030			0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0031	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	10.28	1.82
07 71 19 00-0032	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	10.59	1.88
07 71 19 00-0033	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	10.94	1.94
07 71 19 00-0034			0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0035	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	10.89	1.82
07 71 19 00-0036	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	11.16	1.88
07 71 19 00-0037	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	11.40	1.94
07 71 19 00-0038			Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0039			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0040	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	15.04	1.82
07 71 19 00-0041	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	15.32	1.88
07 71 19 00-0042	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	15.59	1.94
07 71 19 00-0043			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0044	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	15.86	1.82
07 71 19 00-0045	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	16.18	1.88
07 71 19 00-0046	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	16.49	1.94
07 71 19 00-0047			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0048	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	16.93	1.82
07 71 19 00-0049	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	17.20	1.88
07 71 19 00-0050	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	17.44	1.94
07 71 19 00-0051			0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0052	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	17.65	1.82
07 71 19 00-0053	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	17.95	1.88

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 71	19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	18.22	1.94
07 71	19 00-0055		Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71	19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71	19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0057)		
07 71	19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.58	3.03
07 71	19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.24	3.13
07 71	19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.04	3.23
07 71	19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0061)		
07 71	19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.27	3.03
07 71	19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.95	3.13
07 71	19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.80	3.23
07 71	19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0065)		
07 71	19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.16	3.03
07 71	19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.80	3.13
07 71	19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	19.74	3.23
07 71	19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0069)		
07 71	19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.76	3.03
07 71	19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	19.43	3.13
07 71	19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	20.41	3.23
07 71	19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71	19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0074)		
07 71	19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.32	3.03
07 71	19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.83	3.13
07 71	19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.48	3.23
07 71	19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0078)		
07 71	19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.79	3.03
07 71	19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.32	3.13
07 71	19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.00	3.23
07 71	19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0082)		
07 71	19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.40	3.03
07 71	19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.91	3.13
07 71	19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.62	3.23
07 71	19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0086)		
07 71	19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.82	3.03
07 71	19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.34	3.13
07 71	19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	16.08	3.23
07 71	19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71	19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0091)		
07 71	19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.69	3.03
07 71	19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.43	3.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0094 LF >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	20.27	3.23
07 71 19 00-0095 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0096 LF 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	19.51	3.03
07 71 19 00-0097 LF >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	20.29	3.13
07 71 19 00-0098 LF >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	21.17	3.23
07 71 19 00-0099 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0100 LF 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	20.58	3.03
07 71 19 00-0101 LF >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	21.31	3.13
07 71 19 00-0102 LF >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	22.11	3.23
07 71 19 00-0103 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0104 LF 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	21.30	3.03
07 71 19 00-0105 LF >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	22.07	3.13
07 71 19 00-0106 LF >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	22.90	3.23
07 71 19 00-0107 Stainless Steel Gravel Stop <small>(07 71 19 00-0001)</small>		
07 71 19 00-0108 Stainless Steel Gravel Stop <small>(07 71 19 00-0107)</small>		
07 71 19 00-0109 26 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0110 LF 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	10.00	1.82
07 71 19 00-0111 LF >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	12.28	1.88
07 71 19 00-0112 LF >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	16.99	1.94
07 71 19 00-0113 24 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0114 LF 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	11.85	1.82
07 71 19 00-0115 LF >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	14.74	1.88
07 71 19 00-0116 LF >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	20.69	1.94
07 71 19 00-0117 22 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0118 LF 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	13.81	1.82
07 71 19 00-0119 LF >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	17.36	1.88
07 71 19 00-0120 LF >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	24.61	1.94
07 71 19 00-0121 Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0107)</small>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>		
07 71 19 00-0123 LF 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	13.67	3.03
07 71 19 00-0124 LF >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	16.41	3.13
07 71 19 00-0125 LF >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	21.70	3.23
07 71 19 00-0126 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>		
07 71 19 00-0127 LF 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	15.52	3.03
07 71 19 00-0128 LF >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	18.87	3.13
07 71 19 00-0129 LF >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	25.39	3.23
07 71 19 00-0130 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>		
07 71 19 00-0131 LF 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	17.48	3.03
07 71 19 00-0132 LF >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	21.49	3.13
07 71 19 00-0133 LF >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	29.31	3.23
07 71 19 00-0134 Galvanized Steel Gravel Stop <small>(07 71 19 00-0001)</small>		
07 71 19 00-0135 Galvanized Steel Gravel Stop <small>(07 71 19 00-0134)</small>		
07 71 19 00-0136 KYNAR 500® Finish, Galvanized Steel Gravel Stop <small>(07 71 19 00-0135)</small>		
07 71 19 00-0137 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop <small>(07 71 19 00-0136)</small>		
07 71 19 00-0138 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	13.91	1.82
07 71 19 00-0139 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	14.10	1.88
07 71 19 00-0140 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	14.43	1.94

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	17.89	3.03
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	18.64	3.13
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	19.66	3.23
07 71 19 00-0147		Copper Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0148		Copper Gravel Stop (07 71 19 00-0147)		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop.....	37.90	1.82
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop.....	42.86	1.88
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop.....	49.14	1.94
07 71 19 00-0153		16 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop.....	46.03	1.82
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....	52.79	1.88
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....	59.97	1.94
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	41.49	3.03
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	46.89	3.13
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	53.71	3.23
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	49.62	3.03
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	56.83	3.13
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	64.55	3.23
07 71 19 00-0166		Fascia (07 71 19)		
07 71 19 00-0167		Snap-On Cover Fascia (07 71 19 00-0166) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	18.06	2.53
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	20.05	2.63
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	21.37	2.73
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0169)		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	108.66	3.54
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	115.76	3.54
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	120.23	3.54
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	89.31	3.54
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	92.89	3.54
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	95.08	3.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

07 71 19 00-0183			Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185			0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186	LF		3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	16.48	2.53
07 71 19 00-0187	LF		>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	18.49	2.63
07 71 19 00-0188	LF		>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	19.57	2.73
07 71 19 00-0189			0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190	LF		3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	17.23	2.53
07 71 19 00-0191	LF		>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	19.45	2.63
07 71 19 00-0192	LF		>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	20.65	2.73
07 71 19 00-0193			Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194			Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA		Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	97.98	3.54
07 71 19 00-0196	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	106.06	3.54
07 71 19 00-0197	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	109.59	3.54
07 71 19 00-0198			Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA		Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	78.08	3.54
07 71 19 00-0200	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	82.10	3.54
07 71 19 00-0201	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	83.86	3.54
07 71 19 00-0202			Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203			0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204	LF		3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	18.77	2.53
07 71 19 00-0205	LF		>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	21.13	2.63
07 71 19 00-0206	LF		>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	22.39	2.73
07 71 19 00-0207			0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208	LF		3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	19.66	2.53
07 71 19 00-0209	LF		>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	22.28	2.63
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	23.69	2.73
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		
07 71 19 00-0212			Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0213	EA		Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	120.71	3.54
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	130.80	3.54
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	135.22	3.54
07 71 19 00-0216			Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0217	EA		Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	95.83	3.54

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	100.86		3.54
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	103.06		3.54
07 71 23		Manufactured Gutters And Downspouts (07 71)			
		Note: Includes all necessary support straps.			
07 71 23 00-0001		Aluminum Gutters And Downspouts (07 71 23)			
07 71 23 00-0002		Aluminum Gutters (07 71 23 00-0001)			
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.			
07 71 23 00-0003		K-Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	6.39		2.69
		For Up To 100', Add	1.31		
		For >100' To 250', Add	0.54		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	0.86		
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	6.91		2.69
		For Up To 100', Add	1.36		
		For >100' To 250', Add	0.57		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	1.09		
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	6.66		2.69
		For Up To 100', Add	1.34		
		For >100' To 250', Add	0.56		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	0.98		
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	7.26		2.69
		For Up To 100', Add	1.40		
		For >100' To 250', Add	0.59		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	1.25		
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	13.44		2.69
		For Up To 100', Add	2.02		
		For >100' To 250', Add	0.90		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	4.03		
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	14.28		2.69
		For Up To 100', Add	2.10		
		For >100' To 250', Add	0.94		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	4.41		
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	16.17		2.69
		For Up To 100', Add	2.29		
		For >100' To 250', Add	1.03		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	5.26		
07 71 23 00-0011		Half Round Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	11.86		2.69
		For Up To 100', Add	1.86		
		For >100' To 250', Add	0.82		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	3.32		
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	14.09		2.69
		For Up To 100', Add	2.08		
		For >100' To 250', Add	0.93		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	4.32		
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	11.33		2.69
		For Up To 100', Add	1.81		
		For >100' To 250', Add	0.79		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	3.08		
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	11.36		2.69
		For Up To 100', Add	1.81		
		For >100' To 250', Add	0.79		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	3.09		
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	13.05		2.69
		For Up To 100', Add	1.98		
		For >100' To 250', Add	0.88		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	3.85		
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	14.57		2.69
		For Up To 100', Add	2.13		
		For >100' To 250', Add	0.95		
		For >1,000', Deduct	-0.45		
		For Kynar 500® Finish, Add	4.54		
07 71 23 00-0019		Aluminum Gutter End Caps (07 71 23 00-0001)			

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 71 23 00-0020 K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0021	EA 5", K-Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	2.82 0.30	
07 71 23 00-0022	EA 6", K-Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	3.35 0.54	
07 71 23 00-0023	EA 7", K-Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	6.62 2.01	
07 71 23 00-0024	EA 8", K-Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	7.61 2.45	
07 71 23 00-0025 Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0026	EA 5", Half Round Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	4.19 0.91	
07 71 23 00-0027	EA 6", Half Round Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	6.17 1.80	
07 71 23 00-0028 Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0029	EA 6", Box Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	7.16 2.25	
07 71 23 00-0030	EA 7", Box Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	7.74 2.51	
07 71 23 00-0031	EA 8", Box Style Aluminum Gutter End Cap <i>For Kynar 500® Finish, Add</i>	8.98 3.07	
07 71 23 00-0032 Aluminum Gutter Miters (07 71 23 00-0001)			
Note: Inside or outside miters.			
07 71 23 00-0033 K-Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0034	EA 5", K-Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	8.98 2.34	
07 71 23 00-0035	EA 6", K-Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	12.79 4.06	
07 71 23 00-0036	EA 7", K-Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	47.20 19.54	
07 71 23 00-0037	EA 8", K-Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	51.06 21.28	
07 71 23 00-0038 Half Round, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0039	EA 5", Half Round Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	18.55 6.65	
07 71 23 00-0040	EA 6", Half Round Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	31.00 12.25	
07 71 23 00-0041 Box Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0042	EA 6", Box Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	37.81 15.32	
07 71 23 00-0043	EA 7", Box Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	58.07 24.44	
07 71 23 00-0044	EA 8", Box Style Aluminum Gutter Miter <i>For Kynar 500® Finish, Add</i>	62.88 26.60	
07 71 23 00-0045 Aluminum Gutter Wire Strainers (07 71 23 00-0001)			
07 71 23 00-0046	EA 3" Diameter, Round Aluminum Wire Strainer <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	10.96 2.40 0.75 1.55 2.24	2.69
07 71 23 00-0047	EA 4" Diameter, Round Aluminum Wire Strainer <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	15.45 4.42 1.38 2.85 4.13	2.69
07 71 23 00-0048 Aluminum Downspouts (07 71 23 00-0001)			
Note: Includes elbows, hangers and fasteners.			
07 71 23 00-0049 Round Aluminum Downspouts (07 71 23 00-0048)			
07 71 23 00-0050	LF 3" Diameter, 0.019" Thick, Round Aluminum Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	5.40 0.96 0.41 -0.28 1.17 0.36 0.75 1.09	2.58

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0051	LF		4" Diameter, 0.019" Thick, Round Aluminum Downspout.....	6.01	2.58
			<i>For Up To 100', Add</i>	1.02	
			<i>For >100 To 250', Add</i>	0.44	
			<i>For >1,000', Deduct</i>	-0.28	
			<i>For Kynar 500® Finish, Add</i>	1.44	
			<i>For 0.024" Thick, Add</i>	0.45	
			<i>For 0.027" Thick, Add</i>	0.93	
			<i>For 0.031" Thick, Add</i>	1.35	
07 71 23 00-0052			Rectangular Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0053	LF		2" x 3", 0.019" Thick, Rectangular Aluminum Downspout.....	4.13	2.58
			<i>For Up To 100', Add</i>	0.83	
			<i>For >100 To 250', Add</i>	0.35	
			<i>For >1,000', Deduct</i>	-0.28	
			<i>For Kynar 500® Finish, Add</i>	0.60	
			<i>For 0.024" Thick, Add</i>	0.19	
			<i>For 0.027" Thick, Add</i>	0.39	
			<i>For 0.031" Thick, Add</i>	0.56	
07 71 23 00-0054	LF		3" x 4", 0.019" Thick, Rectangular Aluminum Downspout.....	4.91	2.58
			<i>For Up To 100', Add</i>	0.91	
			<i>For >100 To 250', Add</i>	0.39	
			<i>For >1,000', Deduct</i>	-0.28	
			<i>For Kynar 500® Finish, Add</i>	0.95	
			<i>For 0.024" Thick, Add</i>	0.30	
			<i>For 0.027" Thick, Add</i>	0.61	
			<i>For 0.031" Thick, Add</i>	0.89	
07 71 23 00-0055	LF		4" x 5", 0.019" Thick, Rectangular Aluminum Downspout.....	8.17	2.58
			<i>For Up To 100', Add</i>	1.24	
			<i>For >100 To 250', Add</i>	0.55	
			<i>For >1,000', Deduct</i>	-0.28	
			<i>For Kynar 500® Finish, Add</i>	2.42	
			<i>For 0.024" Thick, Add</i>	0.75	
			<i>For 0.027" Thick, Add</i>	1.56	
			<i>For 0.031" Thick, Add</i>	2.26	
07 71 23 00-0056			Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA		Thru-Wall Aluminum Scupper Outlet.....	179.26	22.73
			<i>For Kynar 500® Finish, Add</i>	46.57	
07 71 23 00-0058	EA		Aluminum Leader/Conductor Head.....	163.65	25.26
			<i>For Kynar 500® Finish, Add</i>	50.91	
07 71 23 00-0059			Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060			Copper Gutters (07 71 23 00-0059)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061			K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF		4", 16 Ounce, K-Style Copper Gutter.....	13.35	2.69
			<i>For Up To 100', Add</i>	2.01	
			<i>For >100' To 250', Add</i>	0.89	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0063	LF		5", 16 Ounce, K-Style Copper Gutter.....	18.88	2.69
			<i>For Up To 100', Add</i>	2.56	
			<i>For >100' To 250', Add</i>	1.17	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0064	LF		6", 16 Ounce, K-Style Copper Gutter.....	22.42	2.69
			<i>For Up To 100', Add</i>	2.92	
			<i>For >100' To 250', Add</i>	1.35	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0065	LF		5", 20 Ounce, K-Style Copper Gutter.....	24.06	2.69
			<i>For Up To 100', Add</i>	3.08	
			<i>For >100' To 250', Add</i>	1.43	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0066	LF		6", 20 Ounce, K-Style Copper Gutter.....	29.75	2.69
			<i>For Up To 100', Add</i>	3.65	
			<i>For >100' To 250', Add</i>	1.71	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0067	LF		7", 20 Ounce, K-Style Copper Gutter.....	34.40	2.69
			<i>For Up To 100', Add</i>	4.11	
			<i>For >100' To 250', Add</i>	1.94	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0068	LF		8", 20 Ounce, K-Style Copper Gutter.....	37.82	2.69
			<i>For Up To 100', Add</i>	4.46	
			<i>For >100' To 250', Add</i>	2.12	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0069			Half Round Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0070	LF		5", 16 Ounce, Half Round Copper Gutter.....	16.19	2.69
			<i>For Up To 100', Add</i>	2.29	
			<i>For >100' To 250', Add</i>	1.03	
			<i>For >1,000', Deduct</i>	-0.45	
07 71 23 00-0071	LF		6", 16 Ounce, Half Round Copper Gutter.....	20.41	2.69
			<i>For Up To 100', Add</i>	2.71	
			<i>For >100' To 250', Add</i>	1.25	
			<i>For >1,000', Deduct</i>	-0.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0072 LF 7", 16 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	34.47 4.12 1.95 -0.45	2.69
07 71 23 00-0073 LF 5", 20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	19.02 2.58 1.18 -0.45	2.69
07 71 23 00-0074 LF 6", 20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	23.41 3.01 1.40 -0.45	2.69
07 71 23 00-0075 LF 7", 20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	36.30 4.30 2.04 -0.45	2.69
07 71 23 00-0076 LF 8", 20 Ounce, Half Round Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	40.84 4.76 2.27 -0.45	2.69
07 71 23 00-0077 Box Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0078 LF 5", 16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	18.54 2.70 1.21 -0.56	3.37
07 71 23 00-0079 LF 6", 16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	19.37 2.78 1.25 -0.56	3.37
07 71 23 00-0080 LF 7", 16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	24.17 3.40 1.54 -0.66	3.59
07 71 23 00-0081 LF 8", 16 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	25.19 3.64 1.63 -0.75	3.59
07 71 23 00-0082 LF 5", 20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	21.30 2.97 1.35 -0.56	3.37
07 71 23 00-0083 LF 6", 20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	22.13 3.06 1.39 -0.56	3.37
07 71 23 00-0084 LF 7", 20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	26.93 3.68 1.68 -0.66	3.59
07 71 23 00-0085 LF 8", 20 Ounce, Box Style Copper Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i>	27.95 3.92 1.77 -0.75	3.59
07 71 23 00-0086 Copper Gutter End Caps (07 71 23 00-0059)		
07 71 23 00-0087 K-Style, Copper Gutter End Caps (07 71 23 00-0086)		
07 71 23 00-0088 EA 4", K-Style Copper Gutter End Cap	5.22	
07 71 23 00-0089 EA 5", K-Style Copper Gutter End Cap	5.55	
07 71 23 00-0090 EA 6", K-Style Copper Gutter End Cap	5.89	
07 71 23 00-0091 EA 7", K-Style Copper Gutter End Cap	14.93	
07 71 23 00-0092 EA 8", K-Style Copper Gutter End Cap	18.10	
07 71 23 00-0093 Half Round, Copper Gutter End Caps (07 71 23 00-0086)		
07 71 23 00-0094 EA 4", Half Round Copper Gutter End Cap	6.22	
07 71 23 00-0095 EA 5", Half Round Copper Gutter End Cap	6.93	
07 71 23 00-0096 EA 6", Half Round Copper Gutter End Cap	10.24	
07 71 23 00-0097 EA 7", Half Round Copper Gutter End Cap	29.93	
07 71 23 00-0098 EA 8", Half Round Copper Gutter End Cap	35.27	
07 71 23 00-0099 Box Style, Copper Gutter End Caps (07 71 23 00-0086)		
07 71 23 00-0100 EA 5", Box Style Copper Gutter End Cap	11.54	
07 71 23 00-0101 EA 6", Box Style Copper Gutter End Cap	12.09	
07 71 23 00-0102 EA 7", Box Style Copper Gutter End Cap	12.64	
07 71 23 00-0103 EA 8", Box Style Copper Gutter End Cap	13.75	
07 71 23 00-0104 Copper Gutter Miters (07 71 23 00-0059) Note: Inside or outside miters.		
07 71 23 00-0105 K-Style, Copper Gutter Miters (07 71 23 00-0104)		
07 71 23 00-0106 EA 4", K-Style Copper Gutter Miter	26.42	
07 71 23 00-0107 EA 5", K-Style Copper Gutter Miter	29.90	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	44.59		
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	64.77		
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	76.35		
07 71 23 00-0111		Half Round, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	43.68		
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	39.46		
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	58.42		
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	70.14		
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	83.31		
07 71 23 00-0117		Box Style, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	47.86		
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	48.96		
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	53.38		
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	53.88		
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	53.38		
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	54.48		
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	58.90		
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	64.41		
07 71 23 00-0126		Copper Gutter Wire Strainers (07 71 23 00-0059)			
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	13.69	2.69	
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	16.35	2.69	
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	25.00	2.69	
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	32.54	2.69	
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	38.86	2.69	
07 71 23 00-0132		Copper Downspouts (07 71 23 00-0059)			
		Note: Includes elbows, hangers and fasteners.			
07 71 23 00-0133		Round Copper Downspouts (07 71 23 00-0132)			
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	20.30	2.58	
		For Up To 100', Add	2.45		
		For >100 To 250', Add	1.16		
		For >1,000', Deduct	-0.28		
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	14.33	2.58	
		For Up To 100', Add	1.85		
		For >100 To 250', Add	0.86		
		For >1,000', Deduct	-0.28		
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	17.90	2.58	
		For Up To 100', Add	2.21		
		For >100 To 250', Add	1.04		
		For >1,000', Deduct	-0.28		
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	28.23	2.58	
		For Up To 100', Add	3.24		
		For >100 To 250', Add	1.55		
		For >1,000', Deduct	-0.28		
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	36.12	2.58	
		For Up To 100', Add	4.03		
		For >100 To 250', Add	1.95		
		For >1,000', Deduct	-0.28		
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	19.16	2.58	
		For Up To 100', Add	2.34		
		For >100 To 250', Add	1.10		
		For >1,000', Deduct	-0.28		
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	24.68	2.58	
		For Up To 100', Add	2.89		
		For >100 To 250', Add	1.37		
		For >1,000', Deduct	-0.28		
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	37.20	2.58	
		For Up To 100', Add	4.14		
		For >100 To 250', Add	2.00		
		For >1,000', Deduct	-0.28		
07 71 23 00-0142		Square Copper Downspouts (07 71 23 00-0132)			
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	10.11	2.58	
		For Up To 100', Add	1.43		
		For >100 To 250', Add	0.65		
		For >1,000', Deduct	-0.28		
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	12.48	2.58	
		For Up To 100', Add	1.67		
		For >100 To 250', Add	0.76		
		For >1,000', Deduct	-0.28		
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	17.60	2.58	
		For Up To 100', Add	2.18		
		For >100 To 250', Add	1.02		
		For >1,000', Deduct	-0.28		
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	11.58	2.58	
		For Up To 100', Add	1.58		
		For >100 To 250', Add	0.72		
		For >1,000', Deduct	-0.28		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0147 LF 4" Diameter, 20 Ounce, Square Copper Downspout	14.54	2.58
<i>For Up To 100', Add</i>	1.87	
<i>For >100 To 250', Add</i>	0.87	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0148 LF 5" Diameter, 20 Ounce, Square Copper Downspout	20.62	2.58
<i>For Up To 100', Add</i>	2.48	
<i>For >100 To 250', Add</i>	1.17	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0149 Rectangular Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0150 LF 2" x 3", 16 Ounce, Rectangular Copper Downspout	14.69	2.58
<i>For Up To 100', Add</i>	1.89	
<i>For >100 To 250', Add</i>	0.87	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0151 LF 3" x 4", 16 Ounce, Rectangular Copper Downspout	18.42	2.58
<i>For Up To 100', Add</i>	2.26	
<i>For >100 To 250', Add</i>	1.06	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0152 LF 4" x 5", 16 Ounce, Rectangular Copper Downspout	25.94	2.58
<i>For Up To 100', Add</i>	3.01	
<i>For >100 To 250', Add</i>	1.44	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0153 LF 2" x 3", 20 Ounce, Rectangular Copper Downspout	17.01	2.58
<i>For Up To 100', Add</i>	2.12	
<i>For >100 To 250', Add</i>	0.99	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0154 LF 3" x 4", 20 Ounce, Rectangular Copper Downspout	21.64	2.58
<i>For Up To 100', Add</i>	2.58	
<i>For >100 To 250', Add</i>	1.22	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0155 LF 4" x 5", 20 Ounce, Rectangular Copper Downspout	30.79	2.58
<i>For Up To 100', Add</i>	3.50	
<i>For >100 To 250', Add</i>	1.68	
<i>For >1,000', Deduct</i>	-0.28	
07 71 23 00-0156 Copper Devices And Accessories (07 71 23 00-0059)		
07 71 23 00-0157 EA Thru-Wall Copper Scupper Outlet.....	175.39	22.73
07 71 23 00-0158 EA Copper Leader/Conductor Head.....	240.14	25.26
07 71 23 00-0159 EA Copper Eave Box.....	109.80	16.17
07 71 23 00-0160 Galvanized Steel Gutters And Downspouts (07 71 23)		
07 71 23 00-0161 Galvanized Steel Gutters (07 71 23 00-0160)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162 K-Style Galvanized Steel Gutters (07 71 23 00-0161)		
07 71 23 00-0163 LF 5", 26 Gauge, K-Style Galvanized Steel Gutter	7.93	2.69
<i>For Up To 100', Add</i>	1.47	
<i>For >100' To 250', Add</i>	0.62	
<i>For >1,000', Deduct</i>	-0.45	
<i>For Kynar 500® Finish, Add</i>	1.55	
<i>For 24 Gauge, Add</i>	0.52	
<i>For 22 Gauge, Add</i>	1.20	
07 71 23 00-0164 LF 6", 26 Gauge, K-Style Galvanized Steel Gutter	8.98	2.69
<i>For Up To 100', Add</i>	1.57	
<i>For >100' To 250', Add</i>	0.67	
<i>For >1,000', Deduct</i>	-0.45	
<i>For Kynar 500® Finish, Add</i>	2.02	
<i>For 24 Gauge, Add</i>	0.67	
<i>For 22 Gauge, Add</i>	1.57	
07 71 23 00-0165 LF 7", 26 Gauge, K-Style Galvanized Steel Gutter	18.31	2.69
<i>For Up To 100', Add</i>	2.50	
<i>For >100' To 250', Add</i>	1.14	
<i>For >1,000', Deduct</i>	-0.45	
<i>For Kynar 500® Finish, Add</i>	6.22	
<i>For 24 Gauge, Add</i>	2.07	
<i>For 22 Gauge, Add</i>	4.84	
07 71 23 00-0166 LF 8", 26 Gauge, K-Style Galvanized Steel Gutter	18.83	2.69
<i>For Up To 100', Add</i>	2.56	
<i>For >100' To 250', Add</i>	1.17	
<i>For >1,000', Deduct</i>	-0.45	
<i>For Kynar 500® Finish, Add</i>	6.45	
<i>For 24 Gauge, Add</i>	2.15	
<i>For 22 Gauge, Add</i>	5.02	
07 71 23 00-0167 Half Round Galvanized Steel Gutters (07 71 23 00-0161)		
07 71 23 00-0168 LF 5", 26 Gauge, Half Round Galvanized Steel Gutter	11.49	2.69
<i>For Up To 100', Add</i>	1.82	
<i>For >100' To 250', Add</i>	0.80	
<i>For >1,000', Deduct</i>	-0.45	
<i>For Kynar 500® Finish, Add</i>	3.15	
<i>For 24 Gauge, Add</i>	1.05	
<i>For 22 Gauge, Add</i>	2.45	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0169	LF	6"	26 Gauge, Half Round Galvanized Steel Gutter	14.22	2.69
			<i>For Up To 100', Add</i>	2.10	
			<i>For >100' To 250', Add</i>	0.94	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	4.38	
			<i>For 24 Gauge, Add</i>	1.46	
			<i>For 22 Gauge, Add</i>	3.41	
07 71 23 00-0170	LF	7"	26 Gauge, Half Round Galvanized Steel Gutter	35.47	2.69
			<i>For Up To 100', Add</i>	4.22	
			<i>For >100' To 250', Add</i>	2.00	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	13.94	
			<i>For 24 Gauge, Add</i>	4.65	
			<i>For 22 Gauge, Add</i>	10.84	
07 71 23 00-0171	LF	8"	26 Gauge, Half Round Galvanized Steel Gutter	37.38	2.69
			<i>For Up To 100', Add</i>	4.41	
			<i>For >100' To 250', Add</i>	2.09	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	14.80	
			<i>For 24 Gauge, Add</i>	4.93	
			<i>For 22 Gauge, Add</i>	11.51	
07 71 23 00-0172			Box Style Galvanized Steel Gutters (07 71 23 00-0161)		
07 71 23 00-0173	LF	5"	24 Gauge, Box Style Galvanized Steel Gutter	13.07	2.69
			<i>For Up To 100', Add</i>	1.98	
			<i>For >100' To 250', Add</i>	0.88	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	3.86	
			<i>For 22 Gauge, Add</i>	1.29	
07 71 23 00-0174	LF	6"	24 Gauge, Box Style Galvanized Steel Gutter	15.00	2.69
			<i>For Up To 100', Add</i>	2.17	
			<i>For >100' To 250', Add</i>	0.97	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	4.73	
			<i>For 22 Gauge, Add</i>	1.58	
07 71 23 00-0175	LF	7"	24 Gauge, Box Style Galvanized Steel Gutter	19.68	2.69
			<i>For Up To 100', Add</i>	2.64	
			<i>For >100' To 250', Add</i>	1.21	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	6.84	
			<i>For 22 Gauge, Add</i>	2.28	
07 71 23 00-0176	LF	8"	24 Gauge, Box Style Galvanized Steel Gutter	20.70	2.69
			<i>For Up To 100', Add</i>	2.74	
			<i>For >100' To 250', Add</i>	1.26	
			<i>For >1,000', Deduct</i>	-0.45	
			<i>For Kynar 500® Finish, Add</i>	7.29	
			<i>For 22 Gauge, Add</i>	2.43	
07 71 23 00-0177			Galvanized Steel Gutter End Caps (07 71 23 00-0160)		
07 71 23 00-0178			K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0179	EA	5"	K-Style Galvanized Steel Gutter End Cap	4.22	
			<i>For Kynar 500® Finish, Add</i>	0.93	
07 71 23 00-0180	EA	6"	K-Style Galvanized Steel Gutter End Cap	4.76	
			<i>For Kynar 500® Finish, Add</i>	1.17	
07 71 23 00-0181	EA	7"	K-Style Galvanized Steel Gutter End Cap	9.58	
			<i>For Kynar 500® Finish, Add</i>	3.34	
07 71 23 00-0182	EA	8"	K-Style Galvanized Steel Gutter End Cap	13.60	
			<i>For Kynar 500® Finish, Add</i>	5.15	
07 71 23 00-0183			Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0184	EA	5"	Half Round Galvanized Steel Gutter End Cap	5.24	
			<i>For Kynar 500® Finish, Add</i>	1.39	
07 71 23 00-0185	EA	6"	Half Round Galvanized Steel Gutter End Cap	5.93	
			<i>For Kynar 500® Finish, Add</i>	1.70	
07 71 23 00-0186	EA	7"	Half Round Galvanized Steel Gutter End Cap	10.50	
			<i>For Kynar 500® Finish, Add</i>	3.75	
07 71 23 00-0187	EA	8"	Half Round Galvanized Steel Gutter End Cap	13.96	
			<i>For Kynar 500® Finish, Add</i>	5.31	
07 71 23 00-0188			Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0189	EA	5"	Box Style Galvanized Steel Gutter End Cap	8.88	
			<i>For Kynar 500® Finish, Add</i>	3.02	
07 71 23 00-0190	EA	6"	Box Style Galvanized Steel Gutter End Cap	10.57	
			<i>For Kynar 500® Finish, Add</i>	3.78	
07 71 23 00-0191	EA	7"	Box Style Galvanized Steel Gutter End Cap	11.76	
			<i>For Kynar 500® Finish, Add</i>	4.32	
07 71 23 00-0192	EA	8"	Box Style Galvanized Steel Gutter End Cap	15.53	
			<i>For Kynar 500® Finish, Add</i>	6.02	
07 71 23 00-0193			Galvanized Steel Gutter Miters (07 71 23 00-0160)		
			Note: Inside or outside miters.		
07 71 23 00-0194			K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0195	EA		5", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	17.74 6.29	
07 71 23 00-0196	EA		6", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	30.50 12.03	
07 71 23 00-0197	EA		7", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	50.78 21.15	
07 71 23 00-0198	EA		8", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	57.07 23.99	
07 71 23 00-0199			Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200	EA		5", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	25.64 9.84	
07 71 23 00-0201	EA		6", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	28.75 11.24	
07 71 23 00-0202	EA		7", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	88.73 38.23	
07 71 23 00-0203	EA		8", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	93.45 40.36	
07 71 23 00-0204			Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205	EA		5", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	24.06 9.13	
07 71 23 00-0206	EA		6", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	40.95 16.73	
07 71 23 00-0207	EA		7", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	53.93 22.57	
07 71 23 00-0208	EA		8", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	57.07 23.99	
07 71 23 00-0209			Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210	EA		3" Diameter, Round Galvanized Steel Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	9.87 1.91	2.69
07 71 23 00-0211	EA		4" Diameter, Round Galvanized Steel Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	13.49 3.54	2.69
07 71 23 00-0212			Galvanized Steel Downspouts (07 71 23 00-0160) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213			Round Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0214	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	5.31 0.95 0.41 -0.28 1.13 0.38 0.88	2.58
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	6.39 1.06 0.46 -0.28 1.62 0.54 1.26	2.58
07 71 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	8.38 1.26 0.56 -0.28 2.51 0.84 1.95	2.58
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	17.56 2.18 1.02 -0.28 6.64 2.21 5.17	2.58
07 71 23 00-0218			Square Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0219	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	5.91 1.01 0.44 -0.28 1.40 0.47 1.09	2.58
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	7.33 1.15 0.51 -0.28 2.04 0.68 1.59	2.58

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 71 23 00-0221	Rectangular Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0222	LF 2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	5.39	2.58
	For Up To 100', Add	0.96	
	For >100 To 250', Add	0.41	
	For >1,000', Deduct	-0.28	
	For Kynar 500® Finish, Add	1.17	
	For 24 Gauge, Add	0.39	
	For 22 Gauge, Add	0.91	
07 71 23 00-0223	LF 3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	6.63	2.58
	For Up To 100', Add	1.08	
	For >100 To 250', Add	0.47	
	For >1,000', Deduct	-0.28	
	For Kynar 500® Finish, Add	1.72	
	For 24 Gauge, Add	0.57	
	For 22 Gauge, Add	1.34	
07 71 23 00-0224	LF 4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	11.57	2.58
	For Up To 100', Add	1.58	
	For >100 To 250', Add	0.72	
	For >1,000', Deduct	-0.28	
	For Kynar 500® Finish, Add	3.95	
	For 24 Gauge, Add	1.32	
	For 22 Gauge, Add	3.07	
07 71 23 00-0225	Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA Galvanized Steel Leader/Conductor Head.....	211.03	25.26
	For Kynar 500® Finish, Add	72.23	
07 71 23 00-0227	EA Thru-Wall Galvanized Steel Scupper Outlet	130.32	22.73
	For Kynar 500® Finish, Add	24.54	
07 71 23 00-0228	Stainless Steel Gutters And Downspouts (07 71 23)		
	Note: AISI type 304 stainless steel.		
07 71 23 00-0229	Stainless Steel Gutters (07 71 23 00-0228)		
	Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230	K-Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0231	LF 5", 26 Gauge, K-Style Stainless Steel Gutter	18.69	2.69
	For Up To 100', Add	2.54	
	For >100' To 250', Add	1.16	
	For >1,000', Deduct	-0.45	
	For 24 Gauge, Add	2.56	
	For 22 Gauge, Add	5.91	
	For 20 Gauge, Add	8.32	
07 71 23 00-0232	LF 6", 26 Gauge, K-Style Stainless Steel Gutter	22.24	2.69
	For Up To 100', Add	2.90	
	For >100' To 250', Add	1.34	
	For >1,000', Deduct	-0.45	
	For 24 Gauge, Add	3.20	
	For 22 Gauge, Add	7.38	
	For 20 Gauge, Add	10.40	
07 71 23 00-0233	Half Round, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0234	LF 5", 26 Gauge, Half Round Stainless Steel Gutter	25.99	2.69
	For Up To 100', Add	3.27	
	For >100' To 250', Add	1.52	
	For >1,000', Deduct	-0.45	
	For 24 Gauge, Add	3.87	
	For 22 Gauge, Add	8.94	
	For 20 Gauge, Add	12.60	
07 71 23 00-0235	LF 6", 26 Gauge, Half Round Stainless Steel Gutter	31.32	2.69
	For Up To 100', Add	3.81	
	For >100' To 250', Add	1.79	
	For >1,000', Deduct	-0.45	
	For 24 Gauge, Add	4.83	
	For 22 Gauge, Add	11.16	
	For 20 Gauge, Add	15.72	
07 71 23 00-0236	Box Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0237	LF 5", 26 Gauge, Box Style Stainless Steel Gutter	23.14	3.37
	For Up To 100', Add	3.16	
	For >100' To 250', Add	1.44	
	For >1,000', Deduct	-0.56	
	For 24 Gauge, Add	3.15	
	For 22 Gauge, Add	7.29	
	For 20 Gauge, Add	10.27	
	For Seamless Gutter, Add	-0.03	
07 71 23 00-0238	LF 6", 26 Gauge, Box Style Stainless Steel Gutter	27.58	3.37
	For Up To 100', Add	3.60	
	For >100' To 250', Add	1.66	
	For >1,000', Deduct	-0.56	
	For 24 Gauge, Add	3.95	
	For 22 Gauge, Add	9.14	
	For 20 Gauge, Add	12.87	
	For Seamless Gutter, Add	-0.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0239	LF		7", 26 Gauge, Box Style Stainless Steel Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For Seamless Gutter, Add</i>	31.04 4.09 1.88 -0.66 4.41 10.19 14.35 -0.24	3.48
07 71 23 00-0240	LF		8", 26 Gauge, Box Style Stainless Steel Gutter <i>For Up To 100', Add</i> <i>For >100' To 250', Add</i> <i>For >1,000', Deduct</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For Seamless Gutter, Add</i>	36.34 4.76 2.19 -0.75 5.19 12.01 16.91 -0.32	3.59
07 71 23 00-0241			Stainless Steel Gutter End Caps (07 71 23 00-0228)		
07 71 23 00-0242			K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0243	EA		5", K-Style Stainless Steel Gutter End Cap	6.60	
07 71 23 00-0244	EA		6", K-Style Stainless Steel Gutter End Cap	7.49	
07 71 23 00-0245			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0246	EA		5", Half Round Stainless Steel Gutter End Cap	7.71	
07 71 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap	8.82	
07 71 23 00-0248			Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0249	EA		5", Box Style Stainless Steel Gutter End Cap	8.24	
07 71 23 00-0250	EA		6", Box Style Stainless Steel Gutter End Cap	9.35	
07 71 23 00-0251	EA		7", Box Style Stainless Steel Gutter End Cap	9.71	
07 71 23 00-0252	EA		8", Box Style Stainless Steel Gutter End Cap	11.72	
07 71 23 00-0253			Stainless Steel Gutter Miters (07 71 23 00-0228) Note: Inside or outside box miters.		
07 71 23 00-0254			K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0255	EA		5", K-Style Stainless Steel Gutter Miter	26.72	
07 71 23 00-0256	EA		6", K-Style Stainless Steel Gutter Miter	44.49	
07 71 23 00-0257			Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0258	EA		5", Half Round Stainless Steel Gutter Miter	71.14	
07 71 23 00-0259	EA		6", Half Round Stainless Steel Gutter Miter	87.39	
07 71 23 00-0260			Box-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0261	EA		5", Box-Style Stainless Steel Gutter Miter	31.31	
07 71 23 00-0262	EA		6", Box-Style Stainless Steel Gutter Miter	52.63	
07 71 23 00-0263	EA		7", Box-Style Stainless Steel Gutter Miter	61.39	
07 71 23 00-0264	EA		8", Box-Style Stainless Steel Gutter Miter	70.17	
07 71 23 00-0265			Stainless Steel Gutter Wire Strainers (07 71 23 00-0228)		
07 71 23 00-0266	EA		3" Diameter, Round Stainless Steel Wire Strainer	28.47	2.69
07 71 23 00-0267	EA		4" Diameter, Round Stainless Steel Wire Strainer	29.10	2.69
07 71 23 00-0268			Stainless Steel Downspouts (07 71 23 00-0228) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269			Round Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0270	LF		3" Diameter, 26 Gauge, Round Stainless Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	11.98 1.62 0.74 -0.28 1.65 3.82 5.38	2.58
07 71 23 00-0271	LF		4" Diameter, 26 Gauge, Round Stainless Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	15.53 1.97 0.92 -0.28 2.29 5.30 7.46	2.58
07 71 23 00-0272	LF		5" Diameter, 26 Gauge, Round Stainless Steel Downspout <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	22.25 2.65 1.25 -0.28 3.50 8.09 11.40	2.58

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0273	Rectangular Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0274	LF 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	12.24	2.58
	For Up To 100', Add	1.64	
	For >100 To 250', Add	0.75	
	For >1,000', Deduct	-0.28	
	For 24 Gauge, Add	1.70	
	For 22 Gauge, Add	3.93	
	For 20 Gauge, Add	5.53	
07 71 23 00-0275	LF 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	16.07	2.58
	For Up To 100', Add	2.03	
	For >100 To 250', Add	0.94	
	For >1,000', Deduct	-0.28	
	For 24 Gauge, Add	2.39	
	For 22 Gauge, Add	5.52	
	For 20 Gauge, Add	7.78	
07 71 23 00-0276	LF 4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	20.55	2.58
	For Up To 100', Add	2.48	
	For >100 To 250', Add	1.17	
	For >1,000', Deduct	-0.28	
	For 24 Gauge, Add	3.20	
	For 22 Gauge, Add	7.38	
	For 20 Gauge, Add	10.40	
07 71 23 00-0277	Stainless Steel Devices (07 71 23 00-0228)		
07 71 23 00-0278	EA Thru-Wall Stainless Steel Scupper Outlet	203.65	24.26
07 71 23 00-0279	EA Stainless Steel Leader/Conductor Head	278.62	24.26
07 71 23 00-0280	Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0281	Vinyl Gutters (07 71 23 00-0280)		
	Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282	K-Style Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0283	LF 4", K-Style Vinyl Gutter	8.33	2.69
	For Up To 100', Add	1.51	
	For >100' To 250', Add	0.64	
	For >1,000', Deduct	-0.45	
07 71 23 00-0284	LF 5", K-Style Vinyl Gutter	10.31	2.69
	For Up To 100', Add	1.70	
	For >100' To 250', Add	0.74	
	For >1,000', Deduct	-0.45	
07 71 23 00-0285	Half Round Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0286	LF 4", Half Round Vinyl Gutter	8.55	2.69
	For Up To 100', Add	1.53	
	For >100' To 250', Add	0.65	
	For >1,000', Deduct	-0.45	
07 71 23 00-0287	LF 5", Half Round Vinyl Gutter	8.91	2.69
	For Up To 100', Add	1.56	
	For >100' To 250', Add	0.67	
	For >1,000', Deduct	-0.45	
07 71 23 00-0288	Vinyl Gutter End Caps (07 71 23 00-0280)		
07 71 23 00-0289	K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0290	EA 4", K-Style Vinyl Gutter End Cap	4.94	
07 71 23 00-0291	EA 5", K-Style Vinyl Gutter End Cap	6.58	
07 71 23 00-0292	Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0293	EA 4", Half Round Vinyl Gutter End Cap	5.55	
07 71 23 00-0294	EA 5", Half Round Vinyl Gutter End Cap	5.28	
07 71 23 00-0295	Vinyl Gutter Miters (07 71 23 00-0280)		
	Note: Inside or outside miters.		
07 71 23 00-0296	K-Style, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0297	EA 4", K-Style Vinyl Gutter Miter	11.77	
07 71 23 00-0298	EA 5", K-Style Vinyl Gutter Miter	17.07	
07 71 23 00-0299	Half Round, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0300	EA 4", Half Round Vinyl Gutter Miter	11.77	
07 71 23 00-0301	EA 5", Half Round Vinyl Gutter Miter	12.69	
07 71 23 00-0302	Vinyl Downspouts (07 71 23 00-0280)		
	Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303	Round Vinyl Downspouts (07 71 23 00-0302)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0304 LF 2-1/2" Diameter, Round Vinyl Downspout.....	5.42	2.58
For Up To 100', Add	0.96	
For >100 To 250', Add	0.41	
For >1,000', Deduct	-0.28	
07 71 23 00-0305 LF 3" Diameter, Round Vinyl Downspout.....	5.61	2.58
For Up To 100', Add	0.98	
For >100 To 250', Add	0.42	
For >1,000', Deduct	-0.28	
07 71 23 00-0306 Square Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0307 LF 2-1/2", Square Vinyl Downspout.....	5.34	2.58
For Up To 100', Add	0.95	
For >100 To 250', Add	0.41	
For >1,000', Deduct	-0.28	
07 71 23 00-0308 Rectangular Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0309 LF 2" x 3", Rectangular Vinyl Downspout	6.58	2.58
For Up To 100', Add	1.08	
For >100 To 250', Add	0.47	
For >1,000', Deduct	-0.28	
07 71 23 00-0310 Gutter And Downspout Boots (07 71 23)		
07 71 23 00-0311 Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)		
07 71 23 00-0312 EA 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	195.92	3.88
07 71 23 00-0313 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	255.07	3.88
07 71 23 00-0314 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	304.26	3.88
07 71 23 00-0315 Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)		
07 71 23 00-0316 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	338.10	3.88
07 71 23 00-0317 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	412.82	3.88
07 71 23 00-0318 EA 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	748.39	3.88
07 71 23 00-0319 Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)		
07 71 23 00-0320 EA 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03).....	688.79	25.43
For Polished Brass Finish (-PB), Add	63.79	
For Chrome Plated Finish (-CP), Add	95.69	
For Vandal Proof (-U), Add	31.90	
07 71 23 00-0321 EA 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....	705.75	33.90
For Polished Brass Finish (-PB), Add	63.79	
For Chrome Plated Finish (-CP), Add	95.69	
For Vandal Proof (-U), Add	31.90	
07 71 23 00-0322 EA 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....	761.15	43.70
For Polished Brass Finish (-PB), Add	67.38	
For Chrome Plated Finish (-CP), Add	101.06	
For Vandal Proof (-U), Add	33.69	
07 71 23 00-0323 EA 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....	816.53	55.17
For Polished Brass Finish (-PB), Add	70.62	
For Chrome Plated Finish (-CP), Add	105.93	
For Vandal Proof (-U), Add	35.31	
07 71 23 00-0324 EA 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10).....	883.19	67.97
For Polished Brass Finish (-PB), Add	74.72	
For Chrome Plated Finish (-CP), Add	112.09	
For Vandal Proof (-U), Add	37.36	
07 71 23 00-0325 EA 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12).....	982.42	94.90
For Polished Brass Finish (-PB), Add	79.26	
For Chrome Plated Finish (-CP), Add	118.89	
For Vandal Proof (-U), Add	39.63	
07 71 23 00-0326 EA 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15).....	1,101.35	131.97
For Polished Brass Finish (-PB), Add	83.74	
For Chrome Plated Finish (-CP), Add	125.61	
For Vandal Proof (-U), Add	41.87	
07 71 23 00-0327 Wall Mounted Downspout Nozzle (07 71 23)		
07 71 23 00-0328 EA 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	188.57	25.43
For Nickel Bronze Finish (-NB), Add	96.40	
For Polished Bronze Finish (-PB), Add	75.75	
For Chrome Plated Finish (-CP), Add	122.57	
07 71 23 00-0329 EA 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	205.53	33.90
For Nickel Bronze Finish (-NB), Add	96.40	
For Polished Bronze Finish (-PB), Add	75.75	
For Chrome Plated Finish (-CP), Add	122.57	
07 71 23 00-0330 EA 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	414.09	43.70
For Nickel Bronze Finish (-NB), Add	98.01	
For Polished Bronze Finish (-PB), Add	55.54	
For Chrome Plated Finish (-CP), Add	143.74	
07 71 23 00-0331 EA 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	606.25	55.17
For Nickel Bronze Finish (-NB), Add	84.30	
For Polished Bronze Finish (-PB), Add	64.47	
For Chrome Plated Finish (-CP), Add	143.81	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0332	EA		10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10) For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	779.75 109.45 83.69 186.70	67.97
07 71 23 00-0333	EA		12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12) For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	999.71 137.69 105.29 234.88	94.90
07 71 23 00-0334			Leaf Guards And Cleaning (07 71 23)		
07 71 23 00-0335	LF		Aluminum Mesh Gutter Leaf Guard For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	2.87 0.53 0.22 -0.16	0.81
07 71 23 00-0336	LF		Vinyl Mesh Gutter Leaf Guard..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	2.30 0.47 0.20 -0.16	0.81
07 71 23 00-0337	LF		6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	11.93 1.50 0.70 -0.21	1.01
07 71 23 00-0338	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	16.89 2.00 0.95 -0.21	1.01
07 71 23 00-0339	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	9.09 1.15 0.54 -0.16	1.01
07 71 23 00-0340	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	13.84 1.63 0.77 -0.16	1.01
07 71 23 00-0341	EA		Cleanout Roof Drain Note: Includes removing dome and flushing.	134.49	
07 71 23 00-0342	LF		Clean Gutters And Downspouts.....	1.59	
07 71 26			Reglets (07 71)		
07 71 26 00-0001			Counter Flashing With Reglet (07 71 26) Note: Includes reglet cut.		
07 71 26 00-0002			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004	LF		28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.96	4.49
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	13.07	4.49
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	13.26	4.49
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	13.97	4.49
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	14.38	4.49
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	14.86	4.49
07 71 26 00-0010			KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011	LF		28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	14.74	4.49
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	14.90	4.49
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	15.17	4.49
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	16.22	4.49
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	16.81	4.49
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	17.50	4.49
07 71 26 00-0017			Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018			KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	13.22	4.49
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	13.89	4.49
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	14.56	4.49
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	15.04	4.49
07 71 26 00-0023	LF		0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	16.12	4.49
07 71 26 00-0024	LF		0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	17.68	4.49
07 71 26 00-0025			Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	11.69	4.49
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	12.12	4.49
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	12.55	4.49
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	12.85	4.49
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	13.54	4.49
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	14.54	4.49
07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	12.91	4.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.53	4.49
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.15	4.49
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.59	4.49
07 71 26 00-0037	LF		0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.59	4.49
07 71 26 00-0038	LF		0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.03	4.49

07 71 26 00-0039 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)

07 71 26 00-0040 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)

07 71 26 00-0041	LF		24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	15.64	4.49
07 71 26 00-0042	LF		20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	16.82	4.49

07 71 26 00-0043 Copper Counter Flashing With Reglet (07 71 26 00-0001)

07 71 26 00-0044 Copper Counter Flashing With Reglet (07 71 26 00-0043)

07 71 26 00-0045	LF		16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	26.21	4.49
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07 72 Roof Accessories (07 70)

07 72 13 Manufactured Curbs (07 72)

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)

Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)

07 72 13 00-0005	EA		26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	347.10	86.37
			For Sloped Roofs Up To 1 In 12 Pitch, Add	26.07	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	60.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	27.21	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	53.18	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.78	
07 72 13 00-0006	EA		26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	354.52	86.37
			For Sloped Roofs Up To 1 In 12 Pitch, Add	26.82	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	62.27	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	68.02	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.39	
07 72 13 00-0007	EA		26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	379.83	97.16
			For Sloped Roofs Up To 1 In 12 Pitch, Add	28.27	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.25	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.81	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	84.10	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	92.75	
07 72 13 00-0008	EA		26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	408.28	97.16
			For Sloped Roofs Up To 1 In 12 Pitch, Add	31.11	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.94	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	54.41	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	110.07	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	118.72	
07 72 13 00-0009	EA		26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	429.30	97.16
			For Sloped Roofs Up To 1 In 12 Pitch, Add	33.21	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.14	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.91	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	79.33	
07 72 13 00-0010	EA		26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	534.98	107.96
			For Sloped Roofs Up To 1 In 12 Pitch, Add	42.70	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	96.20	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	90.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	145.93	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	169.43	
07 72 13 00-0011	EA		38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	357.00	86.37
			For Sloped Roofs Up To 1 In 12 Pitch, Add	27.06	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	62.76	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.49	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	55.96	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	78.22	
07 72 13 00-0012	EA		38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	381.07	97.16
			For Sloped Roofs Up To 1 In 12 Pitch, Add	28.39	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.50	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	51.94	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	103.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	124.91	
07 72 13 00-0013	EA		38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	397.15	97.16
			For Sloped Roofs Up To 1 In 12 Pitch, Add	30.00	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.71	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	64.31	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.72	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.04	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR TOTAL DIRECT DEMOLITION
 CSI UOM DESCRIPTION UNIT COST UNIT COST

07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	403.33	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.62	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	70.95	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.50	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	70.86	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	86.94	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	515.19	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.72	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.24	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.84	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	80.39	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	105.12	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	562.76	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.40	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	100.68	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.18	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.62	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	123.30	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	437.96	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.08	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	77.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	66.78	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	121.20	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.80	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	475.62	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.77	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	84.33	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	80.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	131.09	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	155.82	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	489.22	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.13	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	87.05	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	95.23	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	138.51	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	180.56	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	536.79	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	41.80	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	95.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	111.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	166.95	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	206.53	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	573.22	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.37	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	101.69	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.11	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	88.36	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	119.28	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	619.55	140.35
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.92	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	109.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	153.35	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	231.26	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	273.31	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	489.22	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.13	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	87.05	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	56.02	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	103.02	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	523.19	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.44	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	116.25	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	176.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	215.19	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	571.99	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.24	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	101.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	150.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	211.48	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	247.34	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	584.35	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.48	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	103.92	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	22.63	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	83.23	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.06	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	633.15	140.35
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.28	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	112.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	190.45	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	252.29	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.44	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0029 EA 26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	363.18	86.37
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.68	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	27.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	53.18	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.78	
07 72 13 00-0030 EA 26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	366.89	86.37
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	68.02	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.39	
07 72 13 00-0031 EA 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	392.20	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.50	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	68.72	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	84.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	92.75	
07 72 13 00-0032 EA 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	424.36	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.72	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	75.16	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	54.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	110.07	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	118.72	
07 72 13 00-0033 EA 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	447.85	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.07	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	79.85	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.91	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	79.33	
07 72 13 00-0034 EA 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	549.82	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	44.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	99.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	90.28	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	145.93	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	169.43	
07 72 13 00-0035 EA 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	368.13	86.37
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.18	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.99	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.49	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	55.96	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	78.22	
07 72 13 00-0036 EA 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	414.46	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	31.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	51.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	103.88	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	124.91	
07 72 13 00-0037 EA 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	439.20	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	34.20	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	78.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	64.31	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.72	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.04	
07 72 13 00-0038 EA 38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	467.64	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	83.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	70.86	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.94	
07 72 13 00-0039 EA 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	534.98	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	42.70	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	96.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	80.39	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	105.12	
07 72 13 00-0040 EA 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	587.50	118.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	46.87	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	105.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.62	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	123.30	
07 72 13 00-0041 EA 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	452.80	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.56	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	80.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	66.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.20	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.80	
07 72 13 00-0042 EA 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	487.98	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	38.00	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	86.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	80.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	155.82	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 13 00-0043	EA	50" x 74"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....507.77 For Sloped Roofs Up To 1 In 12 Pitch, Add 39.98 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 90.76 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 95.23 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 138.51 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 180.56	507.77	107.96
07 72 13 00-0044	EA	50" x 86"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....556.58 For Sloped Roofs Up To 1 In 12 Pitch, Add 43.78 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 99.44 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 111.30 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 166.95 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 206.53	556.58	118.75
07 72 13 00-0045	EA	51" x 99"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....596.72 For Sloped Roofs Up To 1 In 12 Pitch, Add 46.72 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 106.39 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 19.11 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 88.36 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 119.28	596.72	129.55
07 72 13 00-0046	EA	51" x 122"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....646.75 For Sloped Roofs Up To 1 In 12 Pitch, Add 50.64 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 115.32 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 153.35 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 231.26 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 273.31	646.75	140.35
07 72 13 00-0047	EA	62" x 62"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....507.77 For Sloped Roofs Up To 1 In 12 Pitch, Add 39.98 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 90.76 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 15.21 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 56.02 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 103.02	507.77	107.96
07 72 13 00-0048	EA	62-3/8" x 74-3/8"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....542.97 For Sloped Roofs Up To 1 In 12 Pitch, Add 42.42 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 96.72 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 116.25 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 176.85 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 215.19	542.97	118.75
07 72 13 00-0049	EA	62" x 86"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....593.01 For Sloped Roofs Up To 1 In 12 Pitch, Add 46.35 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 105.65 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 150.88 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 211.48 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 247.34	593.01	129.55
07 72 13 00-0050	EA	62" x 98"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....609.09 For Sloped Roofs Up To 1 In 12 Pitch, Add 47.95 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 108.86 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 22.63 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 83.23 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 145.06	609.09	129.55
07 72 13 00-0051	EA	62" x 122"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....660.36 For Sloped Roofs Up To 1 In 12 Pitch, Add 52.00 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 118.04 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 190.45 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 252.29 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 331.44	660.36	140.35
07 72 13 00-0052			14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0053	EA	26" x 26"	Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....371.84 For Sloped Roofs Up To 1 In 12 Pitch, Add 28.55 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 65.73 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 27.21 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 53.18 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 66.78	371.84	86.37
07 72 13 00-0054	EA	26" x 38"	Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....375.55 For Sloped Roofs Up To 1 In 12 Pitch, Add 28.92 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 66.47 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 33.39 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 68.02 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 80.39	375.55	86.37
07 72 13 00-0055	EA	26" x 50"	Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....398.39 For Sloped Roofs Up To 1 In 12 Pitch, Add 30.12 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 69.96 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 40.81 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 84.10 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 92.75	398.39	97.16
07 72 13 00-0056	EA	26" x 74"	Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....434.25 For Sloped Roofs Up To 1 In 12 Pitch, Add 33.71 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 77.13 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 54.41 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 110.07 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 118.72	434.25	97.16
07 72 13 00-0057	EA	26" x 98"	Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....461.46 For Sloped Roofs Up To 1 In 12 Pitch, Add 36.43 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 82.58 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 11.32 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 71.91 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 79.33	461.46	97.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0058 EA 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	567.13	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	45.92	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	102.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	90.28	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	145.93	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	169.43	
07 72 13 00-0059 EA 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	375.55	86.37
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.92	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.49	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	55.96	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	78.22	
07 72 13 00-0060 EA 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	398.39	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.12	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	51.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	103.88	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	124.91	
07 72 13 00-0061 EA 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	461.46	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.43	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.58	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	64.31	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.72	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.04	
07 72 13 00-0062 EA 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	491.14	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.40	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	88.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	70.86	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.94	
07 72 13 00-0063 EA 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	549.82	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	44.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	99.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	80.39	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	105.12	
07 72 13 00-0064 EA 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	603.57	118.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	48.48	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	108.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.62	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	123.30	
07 72 13 00-0065 EA 50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	462.69	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.55	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.82	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	66.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.20	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.80	
07 72 13 00-0066 EA 50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	501.59	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	89.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	80.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	155.82	
07 72 13 00-0067 EA 50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	520.14	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.22	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	93.23	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	95.23	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	138.51	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	180.56	
07 72 13 00-0068 EA 50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	571.42	118.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	45.27	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	102.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	111.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	166.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	206.53	
07 72 13 00-0069 EA 51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	611.56	129.55
For Sloped Roofs Up To 1 In 12 Pitch, Add	48.20	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	109.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	119.28	
07 72 13 00-0070 EA 51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	664.07	140.35
For Sloped Roofs Up To 1 In 12 Pitch, Add	52.37	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	118.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	153.35	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	231.26	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	273.31	
07 72 13 00-0071 EA 62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	520.14	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.22	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	93.23	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	56.02	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	103.02	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	556.58	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.78	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	99.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	116.25	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	176.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	215.19	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	609.09	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.95	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	108.86	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	150.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	211.48	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	247.34	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	625.16	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.56	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	112.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	22.63	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	83.23	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.06	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	678.91	140.35
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.86	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	121.75	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	190.45	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	252.29	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.44	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	333.50	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.71	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	58.06	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	27.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	53.18	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	66.78	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	349.58	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	26.32	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	61.28	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	68.02	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.39	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	402.10	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.49	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	70.70	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.81	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	84.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	92.75	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	439.20	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.20	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	78.12	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	54.41	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	110.07	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	118.72	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	466.40	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.92	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.56	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.32	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.91	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	79.33	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	586.92	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.90	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	106.59	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	90.28	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	145.93	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	169.43	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	379.26	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.29	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	67.22	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.49	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.96	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	78.22	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	411.99	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.48	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.68	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	51.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	103.88	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	124.91	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	424.36	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.72	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	75.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	64.31	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.72	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	136.04	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	435.49	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.83	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	77.38	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.50	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	70.86	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	86.94	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	557.24 44.93 100.65 14.84 80.39 105.12	107.96
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	612.23 49.35 110.57 18.18 93.62 123.30	118.75
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	467.64 37.05 83.81 66.78 121.20 134.80	97.16
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	506.53 39.86 90.51 80.39 131.09 155.82	107.96
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	526.32 41.84 94.47 95.23 138.51 180.56	107.96
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	578.84 46.01 103.89 111.30 166.95 206.53	118.75
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	618.98 48.94 110.84 19.11 88.36 119.28	129.55
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	672.72 53.24 120.51 153.35 231.26 273.31	140.35
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	526.32 41.84 94.47 15.21 56.02 103.02	107.96
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	562.76 44.40 100.68 116.25 176.85 215.19	118.75
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	616.51 48.70 110.35 150.88 211.48 247.34	129.55
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	633.82 50.43 113.81 22.63 83.23 145.06	129.55
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	688.80 54.85 123.73 190.45 252.29 331.44	140.35
07 72 13 00-0101		12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	344.63 25.83 60.29 27.21 53.18 66.78	86.37

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0103	EA 26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	363.18	86.37
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.68	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	64.00	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	68.02	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.39	
07 72 13 00-0104	EA 26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	420.65	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.35	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.41	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.81	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	84.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	92.75	
07 72 13 00-0105	EA 26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	461.46	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.43	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	82.58	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	54.41	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	110.07	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	118.72	
07 72 13 00-0106	EA 26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	494.85	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.77	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	89.25	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.32	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.91	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	79.33	
07 72 13 00-0107	EA 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	591.87	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.39	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	107.58	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	90.28	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	145.93	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	169.43	
07 72 13 00-0108	EA 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	395.34	86.37
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.90	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	70.43	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.49	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.96	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	78.22	
07 72 13 00-0109	EA 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	431.78	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.46	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	76.64	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	51.94	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	103.88	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	124.91	
07 72 13 00-0110	EA 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	447.85	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.07	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	79.85	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	64.31	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.72	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	136.04	
07 72 13 00-0111	EA 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	462.69	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.55	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	82.82	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.50	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	70.86	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	86.94	
07 72 13 00-0112	EA 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	586.92	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.90	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	106.59	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.84	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	80.39	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	105.12	
07 72 13 00-0113	EA 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	648.09	118.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	52.93	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	117.74	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.18	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.62	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	123.30	
07 72 13 00-0114	EA 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	489.90	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.27	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	88.26	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	66.78	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	121.20	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.80	
07 72 13 00-0115	EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	531.27	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	42.33	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	95.46	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	80.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	131.09	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	155.82	
07 72 13 00-0116	EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	554.77	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.68	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	100.16	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	95.23	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	138.51	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	180.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 13 00-0117	EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	608.52 48.98 109.83 111.30 166.95 206.53	118.75
07 72 13 00-0118	EA 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	653.61 52.41 117.77 19.11 88.36 119.28	129.55
07 72 13 00-0119	EA 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	712.30 57.20 128.43 153.35 231.26 273.31	140.35
07 72 13 00-0120	EA 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	554.77 44.68 100.16 15.21 56.02 103.02	107.96
07 72 13 00-0121	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	594.92 47.62 107.11 116.25 176.85 215.19	118.75
07 72 13 00-0122	EA 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	651.13 52.16 117.27 150.88 211.48 247.34	129.55
07 72 13 00-0123	EA 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	669.68 54.01 120.98 22.63 83.23 145.06	129.55
07 72 13 00-0124	EA 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	730.85 59.05 132.14 190.45 252.29 331.44	140.35

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)

07 72 13 00-0126	EA 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	353.29 26.69 62.02 27.21 53.18 66.78	86.37
07 72 13 00-0127	EA 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	373.08 28.67 65.98 33.39 68.02 80.39	86.37
07 72 13 00-0128	EA 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	431.78 33.46 76.64 40.81 84.10 92.75	97.16
07 72 13 00-0129	EA 26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	476.30 37.91 85.54 54.41 110.07 118.72	97.16
07 72 13 00-0130	EA 26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	513.40 41.62 92.96 11.32 71.91 79.33	97.16

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	631.44	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	52.35	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	115.49	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	90.28	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	145.93	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	169.43	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	407.70	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.13	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.90	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.49	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.96	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	78.22	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	452.80	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.56	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	80.84	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	51.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	103.88	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	124.91	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	475.06	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.79	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	85.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	64.31	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.72	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	136.04	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	480.01	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.28	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	86.29	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.50	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	70.86	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	86.94	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	609.18	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	50.12	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	111.04	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.84	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	80.39	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	105.12	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	672.83	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	55.41	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	122.69	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.18	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	93.62	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	123.30	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	504.74	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.76	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	91.23	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	66.78	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	121.20	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.80	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	547.35	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.94	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	98.67	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	80.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	131.09	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	155.82	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	573.32	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	46.54	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	103.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	95.23	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	138.51	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	180.56	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	630.78	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.20	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	114.28	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	111.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	166.95	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	206.53	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	675.87	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.63	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	122.22	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.11	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	88.36	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	119.28	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	739.51	140.35
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	59.92	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	133.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	153.35	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	231.26	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	273.31	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	573.32	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	46.54	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	103.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	56.02	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	103.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	617.18	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	111.56	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	116.25	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	176.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	215.19	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	672.16	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.26	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	121.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	150.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	211.48	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	247.34	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	694.42	129.55
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	56.49	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	125.93	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	22.63	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	83.23	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	145.06	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	758.06	140.35
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	61.77	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	137.58	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	190.45	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	252.29	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.44	
07 72 13 00-0149	Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0001)</small>			
	Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.			
07 72 13 00-0150	6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>			
07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	404.78	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.32	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	507.80	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	42.14	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.92	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	586.69	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.95	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	107.62	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	668.94	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	57.18	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	124.07	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	738.35	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.04	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	136.87	
07 72 13 00-0156	12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>			
07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	555.63	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	46.93	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	102.49	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	695.44	86.37
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.91	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	130.45	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	720.98	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.38	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	134.48	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	773.54	97.16
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.64	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	144.99	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	868.70	107.96
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.07	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	162.94	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,092.66	118.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.39	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	206.66	
07 72 13 00-0163	18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <small>(07 72 13 00-0149)</small>			

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0164	EA 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	803.45	86.37
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.71	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	152.05	
07 72 13 00-0165	EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	946.41	86.37
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.00	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	180.65	
07 72 13 00-0166	EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,137.78	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.06	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	217.84	
07 72 13 00-0167	Wood, Prefabricated Roof Curbs <small>(07 72 13)</small> Note: Includes Douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0168	Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0169	2 x 6 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0170	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	272.90	86.37
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	18.65	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	45.94	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	27.21	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	53.18	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	66.78	
07 72 13 00-0171	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	301.92	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.48	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	50.67	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.81	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	84.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	92.75	
07 72 13 00-0172	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	334.08	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.69	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	57.10	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.32	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.91	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	79.33	
07 72 13 00-0173	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	330.37	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.32	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	56.36	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	64.31	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	118.72	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	136.04	
07 72 13 00-0174	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	339.02	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.19	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	58.09	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.50	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	70.86	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	86.94	
07 72 13 00-0175	EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	381.63	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.37	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	65.53	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.84	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	80.39	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	105.12	
07 72 13 00-0176	EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	336.55	97.16
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.94	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	57.59	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	66.78	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	121.20	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.80	
07 72 13 00-0177	EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	392.76	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	28.48	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	67.76	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	95.23	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	138.51	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	180.56	
07 72 13 00-0178	EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	435.95	129.55
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.64	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.24	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.11	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	88.36	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	119.28	
07 72 13 00-0179	EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	370.50	107.96
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	26.25	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	63.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.21	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	56.02	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	103.02	
07 72 13 00-0180	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	406.94	118.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	28.82	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	69.51	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	116.25	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	176.85	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	215.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0181 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	460.68 33.11 79.18 22.63 83.23 145.06	129.55
07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0183 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	280.32 19.40 47.43 27.21 53.18 66.78	86.37
07 72 13 00-0184 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	310.58 21.34 52.40 40.81 84.10 92.75	97.16
07 72 13 00-0185 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	357.57 26.04 61.80 11.32 71.91 79.33	97.16
07 72 13 00-0186 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	345.21 24.80 59.33 64.31 118.72 136.04	97.16
07 72 13 00-0187 EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	357.57 26.04 61.80 11.50 70.86 86.94	97.16
07 72 13 00-0188 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	400.18 29.22 69.24 14.84 80.39 105.12	107.96
07 72 13 00-0189 EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	350.15 25.30 60.31 66.78 121.20 134.80	97.16
07 72 13 00-0190 EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	410.07 30.21 71.22 95.23 138.51 180.56	107.96
07 72 13 00-0191 EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	453.26 32.37 77.70 19.11 88.36 119.28	129.55
07 72 13 00-0192 EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	384.10 27.61 66.02 15.21 56.02 103.02	107.96
07 72 13 00-0193 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	423.01 30.43 72.73 116.25 176.85 215.19	118.75
07 72 13 00-0194 EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	478.00 34.85 82.65 22.63 83.23 145.06	129.55
07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0196 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	285.27 19.89 48.42 27.21 53.18 66.78	86.37

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0197	EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	319.24 22.21 54.13 40.81 84.10 92.75	97.16
07 72 13 00-0198	EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	360.05 26.29 62.29 11.32 71.91 79.33	97.16
07 72 13 00-0199	EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	353.86 25.67 61.06 64.31 118.72 136.04	97.16
07 72 13 00-0200	EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	368.70 27.15 64.02 11.50 70.86 86.94	97.16
07 72 13 00-0201	EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	412.55 30.46 71.71 14.84 80.39 105.12	107.96
07 72 13 00-0202	EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	358.81 26.16 62.05 66.78 121.20 134.80	97.16
07 72 13 00-0203	EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	421.20 31.32 73.44 95.23 138.51 180.56	107.96
07 72 13 00-0204	EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	464.39 33.48 79.92 19.11 88.36 119.28	129.55
07 72 13 00-0205	EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	392.76 28.48 67.76 15.21 56.02 103.02	107.96
07 72 13 00-0206	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	432.91 31.42 74.71 116.25 176.85 215.19	118.75
07 72 13 00-0207	EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	490.36 36.08 85.12 22.63 83.23 145.06	129.55
07 72 13 00-0208	2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0209	EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	291.45 20.51 49.65 27.21 53.18 66.78	86.37
07 72 13 00-0210	EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	324.18 22.70 55.12 40.81 84.10 92.75	97.16
07 72 13 00-0211	EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	371.18 27.40 64.52 11.32 71.91 79.33	97.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0212	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	381.07 28.39 66.50 11.50 70.86 86.94	97.16
07 72 13 00-0213	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	426.15 31.82 74.43 14.84 80.39 105.12	107.96
07 72 13 00-0214	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	369.94 27.28 64.27 66.78 121.20 134.80	97.16
07 72 13 00-0215	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	433.57 32.56 75.92 95.23 138.51 180.56	107.96
07 72 13 00-0216	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	479.23 34.97 82.89 19.11 88.36 119.28	129.55
07 72 13 00-0217	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	442.80 32.40 76.68 116.25 176.85 215.19	118.75
07 72 13 00-0218			Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0167)		
07 72 13 00-0219			2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0220	EA		26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	282.80 19.64 47.92 27.21 53.18 66.78	86.37
07 72 13 00-0221	EA		26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	310.58 21.34 52.40 40.81 84.10 92.75	97.16
07 72 13 00-0222	EA		26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	350.15 25.30 60.31 11.32 71.91 79.33	97.16
07 72 13 00-0223	EA		38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	341.50 24.43 58.58 64.31 118.72 136.04	97.16
07 72 13 00-0224	EA		38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	352.63 25.55 60.81 11.50 70.86 86.94	97.16
07 72 13 00-0225	EA		38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	396.47 28.85 68.50 14.84 80.39 105.12	107.96
07 72 13 00-0226	EA		50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	347.68 25.05 59.82 66.78 121.20 134.80	97.16
07 72 13 00-0227	EA		50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	406.36 29.84 70.48 95.23 138.51 180.56	107.96

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0228	EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	449.55	129.55
	For Sloped Roofs Up To 1 In 12 Pitch, Add	32.00	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.96	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.11	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.36	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	119.28	
07 72 13 00-0229	EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	385.34	107.96
	For Sloped Roofs Up To 1 In 12 Pitch, Add	27.74	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.27	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.21	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	56.02	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	103.02	
07 72 13 00-0230	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	420.54	118.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	30.18	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	72.23	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	116.25	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	176.85	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	215.19	
07 72 13 00-0231	EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	478.00	129.55
	For Sloped Roofs Up To 1 In 12 Pitch, Add	34.85	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.65	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	22.63	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	83.23	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	145.06	
07 72 13 00-0232	2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0233	EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	291.45	86.37
	For Sloped Roofs Up To 1 In 12 Pitch, Add	20.51	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	49.65	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	27.21	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	53.18	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.78	
07 72 13 00-0234	EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	320.47	97.16
	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.33	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.38	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.81	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	84.10	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	92.75	
07 72 13 00-0235	EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	364.99	97.16
	For Sloped Roofs Up To 1 In 12 Pitch, Add	26.78	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.28	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.91	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	79.33	
07 72 13 00-0236	EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	356.34	97.16
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.92	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	61.55	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	64.31	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.72	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.04	
07 72 13 00-0237	EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	372.41	97.16
	For Sloped Roofs Up To 1 In 12 Pitch, Add	27.52	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.77	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.50	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	70.86	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.94	
07 72 13 00-0238	EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	418.73	107.96
	For Sloped Roofs Up To 1 In 12 Pitch, Add	31.08	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	72.95	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.84	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	80.39	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	105.12	
07 72 13 00-0239	EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	364.99	97.16
	For Sloped Roofs Up To 1 In 12 Pitch, Add	26.78	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.28	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	66.78	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.20	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.80	
07 72 13 00-0240	EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	427.39	107.96
	For Sloped Roofs Up To 1 In 12 Pitch, Add	31.94	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	74.68	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	95.23	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	138.51	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	180.56	
07 72 13 00-0241	EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	473.05	129.55
	For Sloped Roofs Up To 1 In 12 Pitch, Add	34.35	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.66	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.11	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.36	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	119.28	
07 72 13 00-0242	EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	401.41	107.96
	For Sloped Roofs Up To 1 In 12 Pitch, Add	29.35	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.49	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.21	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	56.02	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	103.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0243 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	439.09	118.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.03	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	75.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	116.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	176.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	215.19	
07 72 13 00-0244 EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	499.02	129.55
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.95	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	86.85	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	22.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	83.23	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	145.06	
07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0246 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	298.87	86.37
For Sloped Roofs Up To 1 In 12 Pitch, Add	21.25	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	51.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	27.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	53.18	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.78	
07 72 13 00-0247 EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	330.37	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.32	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	84.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	92.75	
07 72 13 00-0248 EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	379.83	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.27	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.91	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	79.33	
07 72 13 00-0249 EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	367.47	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.03	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	64.31	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	118.72	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.04	
07 72 13 00-0250 EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	387.26	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.01	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	67.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	70.86	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.94	
07 72 13 00-0251 EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	434.81	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.69	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	80.39	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	105.12	
07 72 13 00-0252 EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	376.12	97.16
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.90	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	65.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	66.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.20	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.80	
07 72 13 00-0253 EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	440.99	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.30	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	77.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	95.23	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	138.51	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	180.56	
07 72 13 00-0254 EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	487.89	129.55
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.83	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	84.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	119.28	
07 72 13 00-0255 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	413.78	107.96
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.58	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	56.02	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	103.02	
07 72 13 00-0256 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb.....	452.70	118.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.39	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	78.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	116.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	176.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	215.19	
07 72 13 00-0257 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	515.10	129.55
For Sloped Roofs Up To 1 In 12 Pitch, Add	38.56	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	90.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	22.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	83.23	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	145.06	
07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0259	EA		26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	313.71 22.73 54.11 27.21 53.18 66.78	86.37
07 72 13 00-0260	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	337.79 24.06 57.84 40.81 84.10 92.75	97.16
07 72 13 00-0261	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	390.97 29.38 68.48 11.32 71.91 79.33	97.16
07 72 13 00-0262	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	399.62 30.25 70.21 11.50 70.86 86.94	97.16
07 72 13 00-0263	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	481.80 37.38 85.56 14.84 80.39 105.12	107.96
07 72 13 00-0264	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	411.99 31.48 72.68 66.78 121.20 134.80	97.16
07 72 13 00-0265	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	484.27 37.63 86.06 95.23 138.51 180.56	107.96
07 72 13 00-0266	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	537.36 40.78 94.52 19.11 88.36 119.28	129.55
07 72 13 00-0267	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	498.45 37.97 87.81 116.25 176.85 215.19	118.75

07 72 23 Relief Vents (07 72)

07 72 23 00-0001			Wind Driven Turbine Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0002			Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0003	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	116.69 139.31	30.12
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	139.11 153.74	33.35
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	151.91 173.46	39.80
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	277.45 262.16	44.11
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	377.27 285.23	49.48
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	452.43 309.23	53.79
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	574.52 374.47	60.24
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	941.10 599.43	80.69
07 72 23 00-0011			Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	113.17 143.27	30.12
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	139.57 158.34	33.35
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	157.44 178.01	39.80
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	268.82 285.05	44.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0016 EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....	343.72	49.48
For Curb Or Flange Base, Add	306.34	
07 72 23 00-0017 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....	430.92	53.79
For Curb Or Flange Base, Add	343.23	
07 72 23 00-0018 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....	576.93	60.24
For Curb Or Flange Base, Add	411.23	
07 72 23 00-0019 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....	855.56	80.69
For Curb Or Flange Base, Add	610.55	
07 72 23 00-0020 Stationary Siphon Ventilators (07 72 23)		
Note: Excludes curb or flange base.		
07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022 EA 6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	100.52	30.12
For Curb Or Flange Base, Add	139.31	
07 72 23 00-0023 EA 9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	129.86	33.35
For Curb Or Flange Base, Add	153.74	
07 72 23 00-0024 EA 12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	144.32	39.80
For Curb Or Flange Base, Add	173.46	
07 72 23 00-0025 EA 15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	235.95	44.11
For Curb Or Flange Base, Add	262.16	
07 72 23 00-0026 EA 18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	272.24	49.48
For Curb Or Flange Base, Add	285.23	
07 72 23 00-0027 EA 21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	378.20	53.79
For Curb Or Flange Base, Add	309.23	
07 72 23 00-0028 EA 24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	488.49	60.24
For Curb Or Flange Base, Add	374.47	
07 72 23 00-0029 EA 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....	705.11	80.69
For Curb Or Flange Base, Add	599.43	
07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0031 EA 6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	109.27	30.12
For Curb Or Flange Base, Add	143.27	
07 72 23 00-0032 EA 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	141.89	33.35
For Curb Or Flange Base, Add	158.34	
07 72 23 00-0033 EA 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	159.39	39.80
For Curb Or Flange Base, Add	178.01	
07 72 23 00-0034 EA 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	250.47	44.11
For Curb Or Flange Base, Add	285.05	
07 72 23 00-0035 EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	312.56	49.48
For Curb Or Flange Base, Add	306.34	
07 72 23 00-0036 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	380.27	53.79
For Curb Or Flange Base, Add	343.23	
07 72 23 00-0037 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	538.00	60.24
For Curb Or Flange Base, Add	411.23	
07 72 23 00-0038 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	805.79	80.69
For Curb Or Flange Base, Add	610.55	
07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators (07 72 23)		
Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040 EA 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	232.33	48.41
For Backdraft Damper, Add	105.78	
For Curb Base, Add	172.46	
07 72 23 00-0041 EA 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	282.57	53.79
For Backdraft Damper, Add	115.73	
For Curb Base, Add	188.84	
07 72 23 00-0042 EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	321.91	64.55
For Backdraft Damper, Add	158.05	
For Curb Base, Add	238.31	
07 72 23 00-0043 EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	387.82	71.01
For Backdraft Damper, Add	180.45	
For Curb Base, Add	274.95	
07 72 23 00-0044 EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	975.05	96.83
For Backdraft Damper, Add	226.49	
For Curb Base, Add	363.06	
07 72 23 00-0045 EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	1,186.92	111.89
For Backdraft Damper, Add	267.56	
For Curb Base, Add	432.80	
07 72 23 00-0046 EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	1,603.30	129.10
For Backdraft Damper, Add	267.56	
For Curb Base, Add	454.21	
07 72 23 00-0047 EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	2,228.77	139.86
For Backdraft Damper, Add	280.00	
For Curb Base, Add	472.56	
07 72 23 00-0048 EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator.....	3,176.58	150.61
For Backdraft Damper, Add	311.12	
For Curb Base, Add	529.50	
07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23)		
Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050 EA 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	405.20	53.79
07 72 23 00-0051 EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	480.14	71.01
07 72 23 00-0052 EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	688.00	96.83
07 72 23 00-0053 EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	1,044.20	111.89

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 26 Ridge Vents (07 72)

07 72 26 00-0001	Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002	LF Aluminum Ridge Vent Strips.....	11.38	3.13
07 72 26 00-0003	EA Aluminum Ridge Univent Connectors.....	47.93	19.41
07 72 26 00-0004	EA Aluminum Ridge Univent End Cap.....	45.26	19.41
07 72 26 00-0005	Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006	LF Galvanized Sheet Metal Ridge Vent Strips.....	12.46	3.35

07 72 29 Rafter Vent (07 72)

07 72 29 00-0001	Rafter Vent (07 72 29)		
	Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA 22" x 4' Rafter Vent.....	7.96	
07 72 29 00-0003	EA 14" x 4' Rafter Vent.....	7.34	

07 72 33 Roof Hatches (07 72)

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001	Galvanized Steel Cover And Curb (07 72 33)		
07 72 33 00-0002	EA 2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20).....	1,160.33	135.81
07 72 33 00-0003	EA 2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20).....	1,705.33	150.90
07 72 33 00-0004	EA 2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20).....	3,014.59	205.79
07 72 33 00-0005	EA 3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20).....	1,681.26	150.90
07 72 33 00-0006	EA 4'-0" x 4'-0" Galvanized Steel Roof Hatch.....	1,897.49	167.69
07 72 33 00-0007	EA 3'-0" x 8'-0" Galvanized Steel Roof Hatch.....	3,115.55	228.71
07 72 33 00-0008	Aluminum Cover And Curb (07 72 33)		
07 72 33 00-0009	EA 2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50).....	1,119.59	135.81
07 72 33 00-0010	EA 2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50).....	1,456.26	150.90
07 72 33 00-0011	EA 2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50).....	2,649.79	205.79
07 72 33 00-0012	EA 3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50).....	1,425.14	150.90
07 72 33 00-0013	EA 4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50).....	2,544.40	167.69
07 72 33 00-0014	EA 3'-0" x 8'-0" Aluminum Roof Hatch.....	2,793.36	228.71
07 72 33 00-0015	EA 3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50).....	1,598.98	150.90
07 72 33 00-0016	Steel, Plain, Primed (07 72 33)		
07 72 33 00-0017	EA 2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20).....	1,112.38	135.81
07 72 33 00-0018	EA 2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20).....	1,506.16	150.90
07 72 33 00-0019	EA 2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20).....	2,063.42	205.79
07 72 33 00-0020	EA 3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20).....	1,398.12	150.90
07 72 33 00-0021	EA 4'-0" x 4'-0" Plain Steel Roof Hatch Primed.....	1,714.83	167.69
07 72 33 00-0022	EA 3'-0" x 8'-0" Plain Steel Roof Hatch Primed.....	2,330.08	228.71
07 72 33 00-0023	Stainless Steel (07 72 33)		
07 72 33 00-0024	EA 2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90).....	2,362.44	135.81
07 72 33 00-0025	EA 2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90).....	4,510.66	150.90
07 72 33 00-0026	EA 2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90).....	6,781.07	205.79
07 72 33 00-0027	EA 3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90).....	3,621.80	150.90
07 72 33 00-0028	EA 4'-0" x 4'-0" Stainless Steel Roof Hatch.....	7,641.53	167.69
07 72 33 00-0029	EA 3'-0" x 8'-0" Stainless Steel Roof Hatch.....	8,562.17	228.71
07 72 33 00-0030	Remove And Reinstall Roof Hatch (07 72 33)		
	Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA Removal And Installation Of Roof Hatch (All Types).....	417.73	
07 72 33 00-0032	Aluminum Cover And Galvanized Steel Curb (07 72 33)		
07 72 33 00-0033	EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40).....	1,084.34	150.90
07 72 33 00-0034	EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40).....	1,421.01	167.69
07 72 33 00-0035	EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40).....	2,558.14	228.62
07 72 33 00-0036	EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40).....	1,396.94	155.62
07 72 33 00-0037	EA Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40).....	2,466.85	172.40
07 72 33 00-0038	Roof Hatch Accessories (07 72 33)		
07 72 33 00-0039	EA Roof Hatch Ladderup Safety Post (Bilco LU-1).....	724.26	70.74
07 72 33 00-0040	Roof Hatch Safety Railing (07 72 33)		
	Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA 24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24).....	1,284.44	
07 72 33 00-0042	EA 24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36).....	1,334.80	
07 72 33 00-0043	EA 30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30).....	1,365.25	
07 72 33 00-0044	EA 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36).....	1,480.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36).....	1,614.55	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48).....	2,037.10	

07 72 36 Smoke Vents (07 72)

07 72 36 00-0001 Fire Vent (07 72 36)

07 72 36 00-0002 Galvanized Steel Covers And Curb (07 72 36 00-0001)

07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848).....	3,038.22	125.82
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872).....	3,492.56	172.97
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890).....	3,981.94	188.72
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896).....	4,060.02	198.15
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060).....	4,716.42	172.97
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072).....	5,014.00	188.72
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084).....	5,293.29	204.47
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096).....	6,029.27	220.22
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120).....	7,486.78	235.88
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666).....	5,010.16	204.47
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114).....	10,560.88	251.62
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272).....	5,771.20	267.37

07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)

07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A).....	2,472.80	125.82
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A).....	2,832.58	172.97
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A).....	3,187.51	188.72
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A).....	3,300.36	198.15
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A).....	3,206.23	172.97
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A).....	4,096.95	188.72
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A).....	4,381.35	204.47
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A).....	4,263.93	220.22
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A).....	5,993.59	235.88
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A).....	4,134.61	204.47
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A).....	7,864.24	251.62
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A).....	4,052.67	267.37

07 72 36 00-0028 Aluminum Covers And Curb (07 72 36 00-0001)

07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B).....	2,698.39	125.82
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B).....	3,206.23	172.97
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B).....	3,518.85	188.72
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B).....	3,723.35	198.15
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B).....	3,375.43	172.97
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B).....	4,273.19	188.72
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B).....	4,536.45	204.47
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B).....	4,686.93	220.22
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B).....	5,690.44	235.88
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B).....	4,332.00	204.47
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B).....	8,590.38	251.62
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B).....	4,475.66	267.37

07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)

07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B).....	2,670.19	125.43
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B).....	3,382.47	172.97
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B).....	3,575.29	198.15
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B).....	3,840.72	172.97
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B).....	4,052.45	220.22

07 72 46 Roof Walkways (07 72)

07 72 46 00-0001 Recycled Rubber Walkway Pads (07 72 46)

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad.....	8.74	2.44
		<i>For Diamond Surface, Add</i>	0.63	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad.....	9.68	2.93
		<i>For Diamond Surface, Add</i>	0.74	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad.....	10.67	2.93
		<i>For Diamond Surface, Add</i>	0.83	

07 72 53 Snow Guards (07 72)

07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs (07 72 53)

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs.....	15.83	2.53
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs.....	17.18	2.53
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs.....	16.29	2.53
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs.....	10.04	2.53

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 53 00-0006		Snow Guards For Metal Roofs (07 72 53)	
Note: Aluminum construction.			
07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	18.99 3.85
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	20.98 3.85
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	30.39 3.85
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	29.96 3.85
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	28.43 4.49
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	30.93 4.49
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	38.28 4.49
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	16.59 3.38
		<i>For Mechanically Fastened, Add</i>	6.73
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	18.65 3.38
		<i>For Mechanically Fastened, Add</i>	6.73
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	25.67 3.38
		<i>For Mechanically Fastened, Add</i>	6.73
07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)	10.65 3.38
		Note: Can be used for metal, rubber, PVC, TPO or glass roofing.	
		<i>For Mechanically Fastened, Add</i>	8.99
07 72 53 00-0018		Snow Breaker For Roofs (07 72 53)	
07 72 53 00-0019	EA	Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	12.98 4.49
07 72 53 00-0020	EA	>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	12.33 4.49
07 72 53 00-0021	EA	>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	12.01 4.49
07 72 53 00-0022	EA	>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	11.62 4.49
07 72 53 00-0023		Ice Breaker For Vents (07 72 53)	
07 72 53 00-0024	EA	Ice Breaker For Vents Up To 4", Mechanically Fastened	93.07
07 72 53 00-0025	EA	Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	106.67
07 72 53 00-0026		Pipe Style, Snow Guards For Metal Roofs (07 72 53)	
07 72 53 00-0027		Pipe Style, Standing Seam Metal Roof Snow Guard Clamps (07 72 53 00-0026)	
Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.			
07 72 53 00-0028	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	47.59 13.48
07 72 53 00-0029	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	55.54 13.48
07 72 53 00-0030	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	61.89 13.48
07 72 53 00-0031	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	75.54 13.48
07 72 53 00-0032	EA	Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000)	78.87 16.17
07 72 53 00-0033		Tubing For Snow Guard Clamps (07 72 53 00-0026)	
07 72 53 00-0034	LF	1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®)	10.12 3.24
		Note: Includes end caps, collars and couplings.	
07 72 53 00-0035	LF	1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®)	18.55 3.24
		Note: Includes end caps, collars and couplings.	
07 72 56		Snow/Ice Melt Cable (07 72)	
07 72 56 00-0001		Self Regulating Heating Cable For Roofs And Gutters (07 72 56)	
07 72 56 00-0002	LF	12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters	10.35 1.05
		Note: Nickel-coated copper braided cable with weatherproof jacket.	
07 72 56 00-0003	LF	12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters	11.10 1.05
		Note: Nickel-coated copper braided cable with weatherproof jacket.	
07 72 56 00-0004	EA	Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters	200.24 78.84
07 72 56 00-0005	EA	Splice Kit For Self Regulating Heating Cable For Roofs And Gutters	151.43 57.82
07 72 56 00-0006	EA	Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	7.59 3.15
		<i>For >5, Deduct</i>	-0.63
07 72 56 00-0007	EA	Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	7.08 3.15
		<i>For >5, Deduct</i>	-0.58
07 72 56 00-0008	EA	Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	42.99 7.88
07 72 56 00-0009	EA	120 Volt AC, Snow Switch, Automatic Control For Melting Snow	659.83 63.07
07 72 56 00-0010	EA	Automatic Gutter Ice Melting Control	900.78 78.84
07 72 63		Waste Containment Assemblies (07 72)	
07 72 63 00-0001		Rooftop Oil And Grease Containment System (07 72 63)	
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)	
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	1,988.64 202.10
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	2,200.31 202.10
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	2,664.15 210.18
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	2,652.05 210.18

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07 72 63 00-0007	EA		72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	3,419.43	227.36
	07 72 63 00-0008	EA		72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	2,714.67	227.36
	07 72 63 00-0009	EA		90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	3,040.61	269.39
	07 72 63 00-0010	EA		108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	4,422.36	336.80
	07 72 63 00-0011	EA		120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	5,414.46	336.80
	07 72 63 00-0012	EA		144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	6,775.57	336.80
	07 72 63 00-0013			Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) <small>(07 72 63 00-0001)</small>		
	07 72 63 00-0014	EA		48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100).....	2,402.96	202.10
	07 72 63 00-0015	EA		60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	2,678.22	202.10
	07 72 63 00-0016	EA		60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	3,272.12	210.18
	07 72 63 00-0017	EA		72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	3,326.58	210.18
	07 72 63 00-0018	EA		72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	4,680.74	227.36
	07 72 63 00-0019	EA		72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	5,113.27	227.36
	07 72 63 00-0020	EA		90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	4,807.04	269.39
	07 72 63 00-0021	EA		108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	5,444.70	336.80
	07 72 63 00-0022	EA		120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	6,736.25	336.80
	07 72 63 00-0023	EA		144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	8,505.70	336.80
	07 72 63 00-0024			Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63)</small>		
				Note: Includes removing old filters and installing new filters.		
	07 72 63 00-0025			Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0024)</small>		
	07 72 63 00-0026			Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0025)</small>		
	07 72 63 00-0027	SET		48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E).....	159.37	
	07 72 63 00-0028	SET		60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E).....	219.87	
	07 72 63 00-0029	SET		60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E).....	310.60	
	07 72 63 00-0030	SET		72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E).....	290.48	
	07 72 63 00-0031	SET		72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E).....	532.46	
	07 72 63 00-0032	SET		72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E).....	538.50	
	07 72 63 00-0033	SET		90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E).....	421.57	
	07 72 63 00-0034	SET		108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E).....	542.56	
	07 72 63 00-0035	SET		120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E).....	787.56	
	07 72 63 00-0036	SET		144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E).....	1,032.56	
	07 72 63 00-0037			Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0024)</small>		
	07 72 63 00-0038			Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0037)</small>		
	07 72 63 00-0039	SET		48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC).....	325.76	
	07 72 63 00-0040	SET		60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC).....	428.61	
	07 72 63 00-0041	SET		60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC).....	616.14	
	07 72 63 00-0042	SET		72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC).....	577.85	
	07 72 63 00-0043	SET		72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC).....	1,095.08	
	07 72 63 00-0044	SET		72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC).....	1,101.12	
	07 72 63 00-0045	SET		90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC).....	823.89	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,105.19
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	1,610.31
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	2,136.61

07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	401.39
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	495.16
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	718.98
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	683.72
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	1,315.88
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	1,309.83
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	963.03
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	1,325.99
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	1,852.29
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	2,569.15

07 72 73 Vegetated Roof Systems (07 72)

07 72 73 00-0001 Garden Roof System (07 72 73)

Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.

07 72 73 00-0002 Fluid Applied Polyurethane (WhiteKnight) Waterproofing (07 72 73 00-0001)

Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.

07 72 73 00-0003	SF	Up To 250 SF Fluid Applied Polyurethane Waterproofing	8.50
07 72 73 00-0004	SF	>250 To 500 SF Fluid Applied Polyurethane Waterproofing	8.30
07 72 73 00-0005	SF	>500 To 2,500 SF Fluid Applied Polyurethane Waterproofing	8.00
07 72 73 00-0006	SF	>2,500 To 5,000 SF Fluid Applied Polyurethane Waterproofing	7.70
07 72 73 00-0007	SF	>5,000 To 10,000 SF Fluid Applied Polyurethane Waterproofing	7.40
07 72 73 00-0008	SF	>10,000 To 25,000 SF Fluid Applied Polyurethane Waterproofing	7.10
07 72 73 00-0009	SF	>25,000 To 50,000 SF Fluid Applied Polyurethane Waterproofing	6.80
07 72 73 00-0010	SF	>50,000 SF Fluid Applied Polyurethane Waterproofing	6.50

07 72 73 00-0011 Filterdrain (Greenshield Filterdrain) (07 72 73 00-0001)

07 72 73 00-0012	SF	Up To 250 SF Filterdrain	3.00
07 72 73 00-0013	SF	>250 To 500 SF Filterdrain	2.80
07 72 73 00-0014	SF	>500 To 2,500 SF Filterdrain	2.60
07 72 73 00-0015	SF	>2,500 To 5,000 SF Filterdrain	2.40
07 72 73 00-0016	SF	>5,000 To 10,000 SF Filterdrain	2.20
07 72 73 00-0017	SF	>10,000 To 25,000 SF Filterdrain	2.10
07 72 73 00-0018	SF	>25,000 To 50,000 SF Filterdrain	2.05
07 72 73 00-0019	SF	>50,000 SF Filterdrain	2.00

07 72 73 00-0020 Soil (Greenshield Oasis) (07 72 73 00-0001)

07 72 73 00-0021	SF	Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00
07 72 73 00-0022	SF	>250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85
07 72 73 00-0023	SF	>500 To 2,500 SF Growing Media / Engineered Soil, 1" Depth	0.70
07 72 73 00-0024	SF	>2,500 To 5,000 SF Growing Media / Engineered Soil, 1" Depth	0.70
07 72 73 00-0025	SF	>5,000 To 10,000 SF Growing Media / Engineered Soil, 1" Depth	0.55
07 72 73 00-0026	SF	>10,000 To 25,000 SF Growing Media / Engineered Soil, 1" Depth	0.50
07 72 73 00-0027	SF	>25,000 To 50,000 SF Growing Media / Engineered Soil, 1" Depth	0.45
07 72 73 00-0028	SF	>50,000 SF Growing Media / Engineered Soil, 1" Depth	0.40

07 72 73 00-0029 Irrigation Topical And Controls (07 72 73 00-0001)

07 72 73 00-0030	SF	Up To 250 SF Irrigation Topical	15.00
07 72 73 00-0031	SF	>250 To 500 SF Irrigation Topical	14.75
07 72 73 00-0032	SF	>500 To 2,500 SF Irrigation Topical	9.50
07 72 73 00-0033	SF	>2,500 To 5,000 SF Irrigation Topical	7.50
07 72 73 00-0034	SF	>5,000 To 10,000 SF Irrigation Topical	5.50
07 72 73 00-0035	SF	>10,000 To 25,000 SF Irrigation Topical	3.50
07 72 73 00-0036	SF	>25,000 To 50,000 SF Irrigation Topical	2.50
07 72 73 00-0037	SF	>50,000 SF Irrigation Topical	2.00

07 73 Roof Protection Board (07 70)

07 73 00 00-0001 Roof Protection Board (07 73)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002		Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) <small>(07 73 00 00-0001)</small>			
	07 73 00 00-0003	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	2.99		0.50
		<i>For No Adhesive, Deduct</i>	-0.60		
	07 73 00 00-0004	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.37		0.55
		<i>For No Adhesive, Deduct</i>	-0.63		
	07 73 00 00-0005	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.57		0.60
		<i>For No Adhesive, Deduct</i>	-0.64		
	07 73 00 00-0006	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.03		0.50
		<i>For No Adhesive, Deduct</i>	-0.60		
	07 73 00 00-0007	SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.42		0.55
		<i>For No Adhesive, Deduct</i>	-0.63		
	07 73 00 00-0008	SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.62		0.60
		<i>For No Adhesive, Deduct</i>	-0.64		
07 73 00 00-0009		Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) <small>(07 73 00 00-0001)</small>			
	07 73 00 00-0010	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	2.97		0.50
	07 73 00 00-0011	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	3.36		0.55
	07 73 00 00-0012	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	3.57		0.60
	07 73 00 00-0013	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	3.00		0.50
	07 73 00 00-0014	SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	3.41		0.55
	07 73 00 00-0015	SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	3.62		0.60
07 73 00 00-0016		Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) <small>(07 73 00 00-0001)</small>			
		Note: Mechanically fastened to wood or steel.			
	07 73 00 00-0017	SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	2.81		0.50
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.22		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70		
	07 73 00 00-0018	SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.19		0.55
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.08		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70		
	07 73 00 00-0019	SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.38		0.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.35		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.14		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70		
	07 73 00 00-0020	SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	2.84		0.50
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.22		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.01		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70		

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 73 Roof Protection Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.24	0.55
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.08	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.43	0.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.59	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.41	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.35	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	0.62	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.14	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.70	

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	12.56	6.36
		<i>For 1-1/2" Thickness, Deduct</i>	-1.26	
		<i>For 2-1/2" Thickness, Add</i>	1.46	
		<i>For 3" Thickness, Add</i>	2.91	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	10.63	4.80
		<i>For 1-1/2" Thickness, Deduct</i>	-1.06	
		<i>For 2-1/2" Thickness, Add</i>	1.25	
		<i>For 3" Thickness, Add</i>	2.51	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	9.06	3.81
		<i>For 1-1/2" Thickness, Deduct</i>	-0.91	
		<i>For 2-1/2" Thickness, Add</i>	1.09	
		<i>For 3" Thickness, Add</i>	2.17	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	8.09	3.33
		<i>For 1-1/2" Thickness, Deduct</i>	-0.81	
		<i>For 2-1/2" Thickness, Add</i>	0.98	
		<i>For 3" Thickness, Add</i>	1.96	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver.....	7.44	3.03
		<i>For 1-1/2" Thickness, Deduct</i>	-0.74	
		<i>For 2-1/2" Thickness, Add</i>	0.90	
		<i>For 3" Thickness, Add</i>	1.80	

07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator).....	16.80	1.01
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	17.81	1.01
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	18.83	1.01
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	9.09	1.01
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator).....	8.94	1.01
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal)	9.12	1.01
		Note: Stackable.		
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal	5.04	1.01
		Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator)	7.21	1.01
		Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		

07 76 19 Composite Insulation Concrete Protection Board (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	4.08	
		<i>For 20 Year Warranty, Deduct</i>	-0.21	
		<i>For 15 Year Warranty, Deduct</i>	-0.42	
		<i>For 10 Year Warranty, Deduct</i>	-0.57	
		<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	5.21	
		<i>For 20 Year Warranty, Deduct</i>	-0.30	
		<i>For 15 Year Warranty, Deduct</i>	-0.60	
		<i>For 10 Year Warranty, Deduct</i>	-0.81	
		<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	6.13	
		<i>For 20 Year Warranty, Deduct</i>	-0.34	
		<i>For 15 Year Warranty, Deduct</i>	-0.69	
		<i>For 10 Year Warranty, Deduct</i>	-0.94	
		<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	7.33	
		<i>For 20 Year Warranty, Deduct</i>	-0.43	
		<i>For 15 Year Warranty, Deduct</i>	-0.87	
		<i>For 10 Year Warranty, Deduct</i>	-1.18	
		<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 80 Fire And Smoke Protection (07)

07 81 Applied Fireproofing (07 80)

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing (07 81)

07 81 16 00-0001 Monokote Fireproofing (07 81 16)

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	1.90	0.65
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	2.63	0.97

07 81 16 00-0004 Gunite Fireproofing (07 81 16)

07 81 16 00-0005	SF	Fireproofing, Gunite, Non Reinforced, 1" Thick	2.68	0.66
07 81 16 00-0006	SF	Fireproofing, Gunite, Reinforced, 1" Thick	3.75	0.66

07 81 23 Intumescent Fireproofing (07 81)

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) (07 81 23)

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	10.48	
		For >10,000, Deduct	-0.99	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	16.64	
		For >10,000, Deduct	-1.60	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	6.97	
		For >10,000, Deduct	-0.63	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	14.97	
		For >10,000, Deduct	-1.43	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	33.38	
		For >10,000, Deduct	-3.26	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	45.81	
		For >10,000, Deduct	-4.50	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	58.24	
		For >10,000, Deduct	-5.74	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	70.68	
		For >10,000, Deduct	-6.98	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	13.66	
		For >10,000, Deduct	-1.30	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	25.06	
		For >10,000, Deduct	-2.44	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	39.55	
		For >10,000, Deduct	-3.88	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	55.09	
		For >10,000, Deduct	-5.43	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	69.57	
		For >10,000, Deduct	-6.87	

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	6.70	
		For >10,000, Deduct	-0.63	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	14.95	
		For >10,000, Deduct	-1.45	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	33.89	
		For >10,000, Deduct	-3.34	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	46.67	
		For >10,000, Deduct	-4.61	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	59.48	
		For >10,000, Deduct	-5.89	

07 81 33 Mineral-Fiber Fireproofing (07 81)

07 81 33 00-0001 Cellulose Fireproofing (07 81 33)

07 Thermal And Moisture Protection**07 80 Fire And Smoke Protection****07 81 Applied Fireproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 81 33 00-0002 SF Cellulose Fireproofing, Per Inch Of Thickness.....2.19 0.66

07 84 Firestopping (07 80)**07 84 13 Penetration Firestopping** (07 84)**07 84 13 16 Penetration Firestopping Devices** (07 84 13)**07 84 13 16-0001 Firestopping Systems For Cable Penetrations** (07 84 13 16)**07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations** (07 84 13 16-0001)

Note: Includes putty, escutcheon plates, gaskets and bushings.

 07 84 13 16-0003 EA 1" Diameter Intumescent Firestop Sleeve (STI FS100).....58.74
 07 84 13 16-0004 EA 2" Diameter Intumescent Firestop Sleeve (STI FS201).....79.50
 07 84 13 16-0005 EA 4" Diameter Intumescent Firestop Sleeve (STI FS401).....130.01
07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)

Note: Includes pathway, putty and wall/floor mounting plates.

 07 84 13 16-0007 EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22).....108.68
 07 84 13 16-0008 EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS).....191.59
 07 84 13 16-0009 EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44).....351.99
07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)
 07 84 13 16-0011 EA 2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....245.51
 07 84 13 16-0012 EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD).....227.16
 07 84 13 16-0013 EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....234.13
07 84 13 16-0014 Intumescent Firestopping Pipe Collar (07 84 13 16)
 07 84 13 16-0015 EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5).....36.41 10.22
 07 84 13 16-0016 EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0).....44.09 10.22
 07 84 13 16-0017 EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0).....51.36 11.25
 07 84 13 16-0018 EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0).....80.83 12.79
 07 84 13 16-0019 EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8").....401.53 15.34
 07 84 13 16-0020 EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10").....519.02 16.87
07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)

Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.

 07 84 13 16-0022 EA 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9).....123.99
 Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.
 07 84 13 16-0023 EA 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9).....130.06
 Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.
 07 84 13 16-0024 EA 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH).....239.63
 Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.
 07 84 13 16-0025 EA 14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3).....156.79
 Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.
07 84 13 16-0026 Intumescent Firestopping Wrap Strips (07 84 13 16)

07 84 13 16-0027 LF 1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series).....5.92

07 84 13 19 Penetration Firestopping Caulk (07 84 13)**07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations** (07 84 13 19)

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

 07 84 13 19-0002 EA 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....20.42
 For Intumescent Sealant For Plastic Pipe, Add 0.06
 07 84 13 19-0003 EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....25.19
 For Intumescent Sealant For Plastic Pipe, Add 0.35
 07 84 13 19-0004 EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....24.97
 For Intumescent Sealant For Plastic Pipe, Add 0.26
 07 84 13 19-0005 EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....24.60
 For Intumescent Sealant For Plastic Pipe, Add 0.11
 07 84 13 19-0006 EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....29.22
 For Intumescent Sealant For Plastic Pipe, Add 0.74
 07 84 13 19-0007 EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....29.00
 For Intumescent Sealant For Plastic Pipe, Add 0.66
 07 84 13 19-0008 EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....28.64
 For Intumescent Sealant For Plastic Pipe, Add 0.51
 07 84 13 19-0009 EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....28.07
 For Intumescent Sealant For Plastic Pipe, Add 0.28
 07 84 13 19-0010 EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....27.58
 For Intumescent Sealant For Plastic Pipe, Add 0.09
 07 84 13 19-0011 EA 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....35.55
 For Intumescent Sealant For Plastic Pipe, Add 1.25
 07 84 13 19-0012 EA 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....35.33
 For Intumescent Sealant For Plastic Pipe, Add 1.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0013	EA		2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	34.96 1.02	
07 84 13 19-0014	EA		2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	34.39 0.79	
07 84 13 19-0015	EA		2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	33.91 0.60	
07 84 13 19-0016	EA		2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	32.76 0.14	
07 84 13 19-0017	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	48.96 3.37	
07 84 13 19-0018	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	45.00 1.79	
07 84 13 19-0019	EA		3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	44.63 1.64	
07 84 13 19-0020	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	44.06 1.41	
07 84 13 19-0021	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	43.58 1.22	
07 84 13 19-0022	EA		3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	42.43 0.76	
07 84 13 19-0023	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	40.94 0.16	
07 84 13 19-0024	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	66.22 6.22	
07 84 13 19-0025	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	65.82 6.06	
07 84 13 19-0026	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	65.16 5.80	
07 84 13 19-0027	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	64.14 5.39	
07 84 13 19-0028	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	63.27 5.04	
07 84 13 19-0029	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	56.51 2.34	
07 84 13 19-0030	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	55.03 1.75	
07 84 13 19-0031	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	52.78 0.85	
07 84 13 19-0032	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	106.82 14.36	
07 84 13 19-0033	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	106.42 14.20	
07 84 13 19-0034	EA		6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	105.77 13.94	
07 84 13 19-0035	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	104.74 13.53	
07 84 13 19-0036	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	103.87 13.18	
07 84 13 19-0037	EA		6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	101.81 12.36	
07 84 13 19-0038	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	99.14 11.29	
07 84 13 19-0039	EA		6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	95.08 9.66	
07 84 13 19-0040	EA		6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	79.83 3.56	
07 84 13 19-0041	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	142.82 22.68	
07 84 13 19-0042	EA		8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	138.76 21.06	
07 84 13 19-0043	EA		8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	130.63 17.80	
07 84 13 19-0044	EA		8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	97.45 4.53	
07 84 13 19-0045	EA		10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	182.45 32.46	
07 84 13 19-0046	EA		10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	158.32 22.80	
07 84 13 19-0047	EA		10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) <i>For Intumescent Sealant For Plastic Pipe, Add</i>	115.74 5.77	
07 84 13 19-0048			Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations (07 84 13 19) Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.		
07 84 13 19-0049	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	24.62	
07 84 13 19-0050	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	24.53	
07 84 13 19-0051	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	24.42	
07 84 13 19-0052	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.98	
07 84 13 19-0053	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.90	
07 84 13 19-0054	EA		2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.78	

07 Thermal And Moisture Protection**07 80 Fire And Smoke Protection****07 84 Firestopping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.61
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.44
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	33.50
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	33.42
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	33.30
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	33.12
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.97
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.57
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	42.13
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	42.05
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.93
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.75
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.59
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.20
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	40.65
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	53.63
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	53.55
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	53.43
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	53.24
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	53.05
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	52.66
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	52.16
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	51.37
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	77.76
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	77.68
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	77.56
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	77.39
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	77.23
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	76.84
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	76.29
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	75.55
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	73.95
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	96.93
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	96.19
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	94.58
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	90.04
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	116.79
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	112.24
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	106.22

07 84 16 Annular Space Firestopping Protection (07 84)

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	32.46
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	46.69
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	48.72
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	50.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	52.77	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	66.99	
07 84 16 00-0009			Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)		
07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	13.07	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	13.59	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	12.64	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	13.63	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	13.24	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	12.70	
07 84 16 00-0016			Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA		2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	34.26	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	36.77	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....	39.86	
07 84 16 00-0020			Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.					
07 84 16 00-0021	EA		16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	309.13	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	437.46	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	593.51	
07 84 16 00-0024			Endothermic Mat Wrap Fire Barrier (07 84 16)		
Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.					
07 84 16 00-0025	SF		0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....	46.35	
07 84 16 00-0026			Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL		Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	174.15	
07 84 16 00-0028			Firestopping Mortar For Filling Opening (07 84 16)		
07 84 16 00-0029	CF		Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	157.21	
07 84 23			Silicone Firestopping Foams (07 84)		
07 84 23 00-0001			Silicone RTV Foam Seal For Blank Openings (07 84 23)		
07 84 23 00-0002	EA		2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	40.63	
07 84 23 00-0003	EA		4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	99.50	
07 84 23 00-0004	EA		6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	178.55	
07 84 23 00-0005	EA		8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	275.54	
07 84 23 00-0006	EA		10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	395.58	
07 84 23 00-0007	EA		12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	533.68	
07 84 43			Joint Firestopping (07 84)		
07 84 43 00-0001			Intumescent Firestopping Sealant For Joints (3M CP 25WB+) (07 84 43)		
07 84 43 00-0002	CLF		1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	359.93	91.18
For Up To 6 CLF, Add				20.16	
For >30 CLF, Deduct				-22.32	
07 84 43 00-0003	CLF		1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	403.15	91.18
For Up To 4 CLF, Add				23.40	
For >20 CLF, Deduct				-26.64	
07 84 43 00-0004	CLF		1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	456.48	94.23
For Up To 3 CLF, Add				27.14	
For >15 CLF, Deduct				-31.46	
07 84 43 00-0005	CLF		3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	478.08	94.23
For Up To 2.5 CLF, Add				28.76	
For >13 CLF, Deduct				-33.62	
07 84 43 00-0006	CLF		3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	542.88	94.23
For Up To 2 CLF, Add				33.62	
For >10 CLF, Deduct				-40.10	
07 84 43 00-0007	CLF		3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	607.68	94.23
For Up To 1.5 CLF, Add				38.48	
For >8 CLF, Deduct				-46.58	
07 84 43 00-0008	CLF		3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	682.61	98.28
For Up To 1.3 CLF, Add				43.85	
For >7 CLF, Deduct				-53.57	
07 84 43 00-0009	CLF		1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	639.41	98.28
For Up To 1.4 CLF, Add				40.61	
For >7.5 CLF, Deduct				-49.25	
07 84 43 00-0010	CLF		1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	735.93	101.31
For Up To 1.15 CLF, Add				47.60	
For >6 CLF, Deduct				-58.40	
07 84 43 00-0011	CLF		1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	822.34	101.31
For Up To 1 CLF, Add				54.08	
For >5 CLF, Deduct				-67.04	

07 Thermal And Moisture Protection

07 80 Fire And Smoke Protection

07 84 Firestopping

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0012	CLF		1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	918.87 61.06 -76.18	104.36
07 84 43 00-0013	CLF		1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) <i>For Up To 0.75 CLF, Add</i> <i>For >4 CLF, Deduct</i>	1,015.39 68.05 -85.33	108.41
07 84 43 00-0014	CLF		3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	1,111.92 75.04 -94.48	111.44
07 84 43 00-0015	CLF		3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i> <i>For Silicone Sealant (Bio Fireshield BFS 100 or 200), add</i>	1,401.52 96.00 -121.92 155.52	121.58
07 84 43 00-0016	CLF		1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) <i>For Up To 0.4 CLF, Add</i> <i>For >2 CLF, Deduct</i>	1,787.63 123.94 -158.50	134.75
07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) ^{(07 84}					
07 84 43 00-0018	CLF		1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i>	371.96 21.06 -23.52	91.18
07 84 43 00-0019	CLF		1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i>	421.17 24.75 -28.44	91.18
07 84 43 00-0020	CLF		1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i>	480.50 28.95 -33.87	94.23
07 84 43 00-0021	CLF		3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i>	505.11 30.79 -36.33	94.23
07 84 43 00-0022	CLF		3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i>	578.92 36.33 -43.71	94.23
07 84 43 00-0023	CLF		3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1.5 CLF, Add</i> <i>For >8 CLF, Deduct</i>	652.72 41.86 -51.09	94.23
07 84 43 00-0024	CLF		3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1.3 CLF, Add</i> <i>For >7 CLF, Deduct</i>	736.66 47.90 -58.98	98.28
07 84 43 00-0025	CLF		1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1.4 CLF, Add</i> <i>For >7.5 CLF, Deduct</i>	687.46 44.21 -54.06	98.28
07 84 43 00-0026	CLF		1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1.15 CLF, Add</i> <i>For >6 CLF, Deduct</i>	796.00 52.10 -64.40	101.31
07 84 43 00-0027	CLF		1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1 CLF, Add</i> <i>For >5 CLF, Deduct</i>	894.41 59.48 -74.24	101.31
07 84 43 00-0028	CLF		1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	1,002.95 67.37 -84.59	104.36
07 84 43 00-0029	CLF		1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.75 CLF, Add</i> <i>For >4 CLF, Deduct</i>	1,111.49 75.26 -94.94	108.41
07 84 43 00-0030	CLF		3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	1,220.04 83.14 -105.29	111.44
07 84 43 00-0031	CLF		3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i>	1,545.67 106.81 -136.33	121.58
07 84 43 00-0032	CLF		1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.4 CLF, Add</i> <i>For >2 CLF, Deduct</i>	1,979.84 138.36 -177.72	134.75
07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) ^{(07 84}					
07 84 43 00-0034	CLF		1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i>	324.45 17.50 -18.77	91.18
07 84 43 00-0035	CLF		1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i>	349.90 19.40 -21.31	91.18
07 84 43 00-0036	CLF		1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i>	385.49 21.82 -24.37	94.23
07 84 43 00-0037	CLF		3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i>	398.21 22.77 -25.64	94.23
07 84 43 00-0038	CLF		3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i>	436.39 25.64 -29.46	94.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 84 43 00-0039	CLF	3/8" x 5/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	474.56	94.23
			For Up To 1.5 CLF, Add	28.50	
			For >8 CLF, Deduct	-33.27	
07 84 43 00-0040	CLF	3/8" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	522.87	98.28
			For Up To 1.3 CLF, Add	31.87	
			For >7 CLF, Deduct	-37.60	
07 84 43 00-0041	CLF	1/2" x 1/2"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	497.42	98.28
			For Up To 1.4 CLF, Add	29.96	
			For >7.5 CLF, Deduct	-35.05	
07 84 43 00-0042	CLF	1/2" x 5/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	558.45	101.31
			For Up To 1.15 CLF, Add	34.29	
			For >6 CLF, Deduct	-40.65	
07 84 43 00-0043	CLF	1/2" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	609.36	101.31
			For Up To 1 CLF, Add	38.10	
			For >5 CLF, Deduct	-45.74	
07 84 43 00-0044	CLF	1/2" x 7/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	670.39	104.36
			For Up To 0.8 CLF, Add	42.43	
			For >4.5 CLF, Deduct	-51.34	
07 84 43 00-0045	CLF	1/2" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	731.42	108.41
			For Up To 0.75 CLF, Add	46.75	
			For >4 CLF, Deduct	-56.93	
07 84 43 00-0046	CLF	3/4" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	792.45	111.44
			For Up To 0.65 CLF, Add	51.08	
			For >3.5 CLF, Deduct	-62.53	
07 84 43 00-0047	CLF	3/4" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	975.56	121.58
			For Up To 0.5 CLF, Add	64.05	
			For >2.5 CLF, Deduct	-79.32	
07 84 43 00-0048	CLF	1" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,219.69	134.75
			For Up To 0.4 CLF, Add	81.35	
			For >2 CLF, Deduct	-101.71	

07 84 56 Fire Safing (07 84)

07 84 56 13 Fibrous Fire Safing (07 84 56)

07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)

			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
07 84 56 13-0002	SF	1/2"	Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	9.63	
			For Work In Restricted Working Space, Add	1.25	
07 84 56 13-0003	SF	1-1/2"	Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	15.52	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	1.25	
07 84 56 13-0004	SF	2"	Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	16.93	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	1.25	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)

07 84 56 13-0006	SF	1/2"	Thermal Ceramics FireMaster Blanket Wrap	17.87	10.51
			For Work In Restricted Working Space, Add	4.22	
			For >500 To 5,000, Deduct	-1.58	
			For >5,000, Deduct	-2.81	
07 84 56 13-0007	SF	1"	Thermal Ceramics FireMaster Blanket Wrap	21.01	10.51
			For Work In Restricted Working Space, Add	4.22	
			For >500 To 5,000, Deduct	-2.30	
			For >5,000, Deduct	-3.97	
07 84 56 13-0008	SF	1-1/2"	Thermal Ceramics FireMaster Blanket Wrap	24.46	10.51
			For Work In Restricted Working Space, Add	4.22	
			For >500 To 5,000, Deduct	-3.09	
			For >5,000, Deduct	-5.25	
07 84 56 13-0009	SF	2"	Thermal Ceramics FireMaster Blanket Wrap	27.90	10.51
			For Work In Restricted Working Space, Add	4.22	
			For >500 To 5,000, Deduct	-3.88	
			For >5,000, Deduct	-6.52	

07 90 Joint Protection (07)

07 91 Preformed Joint Seals (07 90)

07 91 23 Backer Rods (07 91)

07 91 23 00-0001 Backer Rods (07 91 23)

07 91 23 00-0002	LF	1/4"	Polyethylene Or Polyurethane Backer Rod	1.64	0.50
07 91 23 00-0003	LF	3/8"	Polyethylene Or Polyurethane Backer Rod	1.77	0.50
07 91 23 00-0004	LF	1/2"	Polyethylene Or Polyurethane Backer Rod	1.91	0.50
07 91 23 00-0005	LF	5/8"	Polyethylene Or Polyurethane Backer Rod	2.05	0.50
07 91 23 00-0006	LF	3/4"	Polyethylene Or Polyurethane Backer Rod	2.13	0.60

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Preformed Joint Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	2.26	0.60
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	2.53	0.60
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	2.82	0.71
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	3.17	0.81
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	3.82	0.91
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	6.12	1.11

07 91 26 Joint Fillers (07 91)**07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)**

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	2.22	0.60
		For Custom Match Coloring, Add	0.03	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	6.59	1.72
		For Custom Match Coloring, Add	0.12	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	7.84	1.82
		For Custom Match Coloring, Add	0.18	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	8.38	1.92
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	10.83	3.54

07 91 26 00-0007 Closed Cell Neoprene (07 91 26)

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive.....	401.00	116.61
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive.....	635.44	168.45
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive.....	511.81	144.40
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive.....	583.42	151.57
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive.....	890.80	233.21
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive.....	1,013.52	252.62
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive.....	897.76	183.71

07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell.....	408.49	144.40
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell.....	680.41	233.21
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell.....	530.96	199.07
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell.....	630.88	210.18
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell.....	961.17	322.34
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell.....	1,117.59	349.83
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell.....	1,467.86	419.35

07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)

07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal.....	151.29	23.14
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal.....	302.58	46.18
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal.....	451.27	68.61
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal.....	642.34	92.46
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal.....	151.29	23.14
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal.....	450.86	68.41
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal.....	787.97	102.77
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal.....	1,574.16	204.82
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal.....	3,009.11	369.74
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal.....	4,587.98	577.59
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal.....	6,646.27	924.19

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" (07 91 26)

07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	4.30	1.31
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.56	1.31
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	4.81	1.41
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	5.05	1.51
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	5.41	1.62
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	5.66	1.62
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	5.97	1.72
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	6.16	1.72

07 91 33 Expansion Joint Seal Systems (07 91)**07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) (07 91 33)****07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)**

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	61.21	6.43
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	80.28	6.74
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....	100.38	7.04
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	122.69	7.35
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	157.54	7.66
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	180.25	7.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0009	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	208.34	8.26
07 91 33 00-0010			Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001) Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF		0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	34.01	6.43
07 91 33 00-0012	LF		0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	36.69	6.52
07 91 33 00-0013	LF		0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	43.27	6.61
07 91 33 00-0014	LF		0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	45.68	6.74
07 91 33 00-0015	LF		1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	48.49	6.83
07 91 33 00-0016	LF		1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	58.19	6.92
07 91 33 00-0017	LF		1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	70.52	7.04
07 91 33 00-0018	LF		1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	82.55	7.35
07 91 33 00-0019	LF		1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	92.89	7.66
07 91 33 00-0020			Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001) Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF		0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	29.37	6.43
07 91 33 00-0022	LF		0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	36.78	6.74
07 91 33 00-0023	LF		1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	44.08	7.04
07 91 33 00-0024	LF		1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	46.33	7.19
07 91 33 00-0025	LF		1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	50.85	7.35
07 91 33 00-0026	LF		1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	70.46	7.66
07 91 33 00-0027	LF		1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	94.67	7.96
07 91 33 00-0028			Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	21.89	2.55
07 91 33 00-0030	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	35.88	2.65
07 91 33 00-0031	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	53.38	2.75
07 91 33 00-0032	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	66.99	2.86
07 91 33 00-0033	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	87.74	2.96
07 91 33 00-0034	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	115.65	3.06
07 91 33 00-0035	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	141.54	3.16
07 91 33 00-0036	LF		2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	190.36	3.26
07 91 33 00-0037	LF		3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	222.02	3.37
07 91 33 00-0038			Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF		0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	21.39	2.55
07 91 33 00-0040	LF		1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	27.87	2.65
07 91 33 00-0041	LF		1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	36.96	2.75
07 91 33 00-0042	LF		1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	49.69	2.86
07 91 33 00-0043	LF		2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	56.53	2.96
07 91 33 00-0044	LF		2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	77.93	3.06
07 91 33 00-0045	LF		3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	104.19	3.16

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Preformed Joint Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 91 33 00-0046 LF 3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....112.41 3.26

07 92 Joint Sealants (07 90)**07 92 13 Elastomeric Joint Sealants** (07 92)**07 92 13 00-0001 Silicone Sealants And Caulking** (07 92 13)

07 92 13 00-0002	CLF 1/4" x 1/4" Joint, Silicone Sealant And Caulking	306.67	91.18
	For Custom Match Coloring, Add	7.95	
	For Up To 6 CLF, Add	16.16	
	For >30 CLF, Deduct	-16.99	
	For 1 Part Mildew Resistant, Add	11.59	
	For High-Modulus Non-Acid Curing, Add	6.62	
07 92 13 00-0003	CLF 1/4" x 3/8" Joint, Silicone Sealant And Caulking	323.23	91.18
	For Custom Match Coloring, Add	11.92	
	For Up To 4 CLF, Add	17.40	
	For >20 CLF, Deduct	-18.65	
	For 1 Part Mildew Resistant, Add	17.39	
	For High-Modulus Non-Acid Curing, Add	9.94	
07 92 13 00-0004	CLF 1/4" x 1/2" Joint, Silicone Sealant And Caulking	349.92	94.23
	For Custom Match Coloring, Add	15.90	
	For Up To 3 CLF, Add	19.15	
	For >15 CLF, Deduct	-20.81	
	For 1 Part Mildew Resistant, Add	23.18	
	For High-Modulus Non-Acid Curing, Add	13.25	
07 92 13 00-0005	CLF 3/8" x 3/8" Joint, Silicone Sealant And Caulking	358.20	94.23
	For Custom Match Coloring, Add	17.88	
	For Up To 2.5 CLF, Add	19.77	
	For >13 CLF, Deduct	-21.64	
	For 1 Part Mildew Resistant, Add	26.08	
	For High-Modulus Non-Acid Curing, Add	14.90	
07 92 13 00-0006	CLF 3/8" x 1/2" Joint, Silicone Sealant And Caulking	383.04	94.23
	For Custom Match Coloring, Add	23.85	
	For Up To 2 CLF, Add	21.64	
	For >10 CLF, Deduct	-24.12	
	For 1 Part Mildew Resistant, Add	34.78	
	For High-Modulus Non-Acid Curing, Add	19.87	
07 92 13 00-0007	CLF 3/8" x 5/8" Joint, Silicone Sealant And Caulking	407.88	94.23
	For Custom Match Coloring, Add	29.81	
	For Up To 1.5 CLF, Add	23.50	
	For >8 CLF, Deduct	-26.60	
	For 1 Part Mildew Resistant, Add	43.47	
	For High-Modulus Non-Acid Curing, Add	24.84	
07 92 13 00-0008	CLF 3/8" x 3/4" Joint, Silicone Sealant And Caulking	442.85	98.28
	For Custom Match Coloring, Add	35.77	
	For Up To 1.3 CLF, Add	25.87	
	For >7 CLF, Deduct	-29.59	
	For 1 Part Mildew Resistant, Add	52.16	
	For High-Modulus Non-Acid Curing, Add	29.81	
07 92 13 00-0009	CLF 1/2" x 1/2" Joint, Silicone Sealant And Caulking	426.29	98.28
	For Custom Match Coloring, Add	31.80	
	For Up To 1.4 CLF, Add	24.63	
	For >7.5 CLF, Deduct	-27.94	
	For 1 Part Mildew Resistant, Add	46.37	
	For High-Modulus Non-Acid Curing, Add	26.50	
07 92 13 00-0010	CLF 1/2" x 5/8" Joint, Silicone Sealant And Caulking	469.54	101.31
	For Custom Match Coloring, Add	39.74	
	For Up To 1.15 CLF, Add	27.62	
	For >6 CLF, Deduct	-31.76	
	For 1 Part Mildew Resistant, Add	57.96	
	For High-Modulus Non-Acid Curing, Add	33.12	
07 92 13 00-0011	CLF 1/2" x 3/4" Joint, Silicone Sealant And Caulking	502.66	101.31
	For Custom Match Coloring, Add	47.69	
	For Up To 1 CLF, Add	30.10	
	For >5 CLF, Deduct	-35.07	
	For 1 Part Mildew Resistant, Add	69.55	
	For High-Modulus Non-Acid Curing, Add	39.74	
07 92 13 00-0012	CLF 1/2" x 7/8" Joint, Silicone Sealant And Caulking	545.90	104.36
	For Custom Match Coloring, Add	55.64	
	For Up To 0.8 CLF, Add	33.09	
	For >4.5 CLF, Deduct	-38.89	
	For 1 Part Mildew Resistant, Add	81.14	
	For High-Modulus Non-Acid Curing, Add	46.37	
07 92 13 00-0013	CLF 1/2" x 1" Joint, Silicone Sealant And Caulking	589.15	108.41
	For Custom Match Coloring, Add	63.59	
	For Up To 0.75 CLF, Add	36.08	
	For >4 CLF, Deduct	-42.71	
	For 1 Part Mildew Resistant, Add	92.73	
	For High-Modulus Non-Acid Curing, Add	52.99	
07 92 13 00-0014	CLF 3/4" x 3/4" Joint, Silicone Sealant And Caulking	632.40	111.44
	For Custom Match Coloring, Add	71.54	
	For Up To 0.65 CLF, Add	39.07	
	For >3.5 CLF, Deduct	-46.52	
	For 1 Part Mildew Resistant, Add	104.32	
	For High-Modulus Non-Acid Curing, Add	59.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0015			CLF 3/4" x 1" Joint, Silicone Sealant And Caulking.....	762.16	121.58
			For Custom Match Coloring, Add	95.38	
			For Up To 0.5 CLF, Add	48.04	
			For >2.5 CLF, Deduct	-57.98	
			For 1 Part Mildew Resistant, Add	139.10	
			For High-Modulus Non-Acid Curing, Add	79.49	
07 92 13 00-0016			CLF 1" x 1" Joint, Silicone Sealant And Caulking.....	935.16	134.75
			For Custom Match Coloring, Add	127.18	
			For Up To 0.4 CLF, Add	60.01	
			For >2 CLF, Deduct	-73.25	
			For 1 Part Mildew Resistant, Add	185.47	
			For High-Modulus Non-Acid Curing, Add	105.98	
07 92 13 00-0017			Acrylic/Latex Sealant And Caulking (07 92 13)		
07 92 13 00-0018			CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking.....	285.17	91.18
			For Up To 6 CLF, Add	14.55	
			For >30 CLF, Deduct	-14.84	
07 92 13 00-0019			CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking.....	290.98	91.18
			For Up To 4 CLF, Add	14.98	
			For >20 CLF, Deduct	-15.42	
07 92 13 00-0020			CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking.....	306.92	94.23
			For Up To 3 CLF, Add	15.93	
			For >15 CLF, Deduct	-16.51	
07 92 13 00-0021			CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking.....	309.82	94.23
			For Up To 2.5 CLF, Add	16.14	
			For >13 CLF, Deduct	-16.80	
07 92 13 00-0022			CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking.....	318.54	94.23
			For Up To 2 CLF, Add	16.80	
			For >10 CLF, Deduct	-17.67	
07 92 13 00-0023			CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking.....	327.25	94.23
			For Up To 1.5 CLF, Add	17.45	
			For >8 CLF, Deduct	-18.54	
07 92 13 00-0024			CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking.....	346.10	98.28
			For Up To 1.3 CLF, Add	18.61	
			For >7 CLF, Deduct	-19.92	
07 92 13 00-0025			CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking.....	340.29	98.28
			For Up To 1.4 CLF, Add	18.18	
			For >7.5 CLF, Deduct	-19.34	
07 92 13 00-0026			CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking.....	362.04	101.31
			For Up To 1.15 CLF, Add	19.55	
			For >6 CLF, Deduct	-21.01	
07 92 13 00-0027			CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking.....	373.66	101.31
			For Up To 1 CLF, Add	20.43	
			For >5 CLF, Deduct	-22.17	
07 92 13 00-0028			CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking.....	395.41	104.36
			For Up To 0.8 CLF, Add	21.80	
			For >4.5 CLF, Deduct	-23.84	
07 92 13 00-0029			CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking.....	417.15	108.41
			For Up To 0.75 CLF, Add	23.18	
			For >4 CLF, Deduct	-25.51	
07 92 13 00-0030			CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking.....	438.90	111.44
			For Up To 0.65 CLF, Add	24.56	
			For >3.5 CLF, Deduct	-27.17	
07 92 13 00-0031			CLF 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking.....	504.16	121.58
			For Up To 0.5 CLF, Add	28.69	
			For >2.5 CLF, Deduct	-32.18	
07 92 13 00-0032			CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking.....	591.16	134.75
			For Up To 0.4 CLF, Add	34.21	
			For >2 CLF, Deduct	-38.85	
07 92 13 00-0033			Polyurethane Sealant And Caulking (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0034			CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking.....	298.95	91.18
			For Up To 6 CLF, Add	15.58	
			For >30 CLF, Deduct	-16.22	
07 92 13 00-0035			CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking.....	311.65	91.18
			For Up To 4 CLF, Add	16.54	
			For >20 CLF, Deduct	-17.49	
07 92 13 00-0036			CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking.....	334.48	94.23
			For Up To 3 CLF, Add	17.99	
			For >15 CLF, Deduct	-19.26	
07 92 13 00-0037			CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking.....	340.83	94.23
			For Up To 2.5 CLF, Add	18.47	
			For >13 CLF, Deduct	-19.90	
07 92 13 00-0038			CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking.....	359.88	94.23
			For Up To 2 CLF, Add	19.90	
			For >10 CLF, Deduct	-21.80	
07 92 13 00-0039			CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking.....	378.93	94.23
			For Up To 1.5 CLF, Add	21.33	
			For >8 CLF, Deduct	-23.71	
07 92 13 00-0040			CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking.....	408.12	98.28
			For Up To 1.3 CLF, Add	23.26	
			For >7 CLF, Deduct	-26.12	
07 92 13 00-0041			CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking.....	395.42	98.28
			For Up To 1.4 CLF, Add	22.31	
			For >7.5 CLF, Deduct	-24.85	

07 Thermal And Moisture Protection

07 90 Joint Protection

07 92 Joint Sealants

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0042	CLF		1/2" x 5/8" Joint, Polyurethane Sealant And Caulking.....	430.95	101.31
			For Up To 1.15 CLF, Add	24.72	
			For >6 CLF, Deduct	-27.90	
07 92 13 00-0043	CLF		1/2" x 3/4" Joint, Polyurethane Sealant And Caulking.....	456.35	101.31
			For Up To 1 CLF, Add	26.63	
			For >5 CLF, Deduct	-30.44	
07 92 13 00-0044	CLF		1/2" x 7/8" Joint, Polyurethane Sealant And Caulking.....	491.88	104.36
			For Up To 0.8 CLF, Add	29.04	
			For >4.5 CLF, Deduct	-33.48	
07 92 13 00-0045	CLF		1/2" x 1" Joint, Polyurethane Sealant And Caulking.....	527.41	108.41
			For Up To 0.75 CLF, Add	31.45	
			For >4 CLF, Deduct	-36.53	
07 92 13 00-0046	CLF		3/4" x 3/4" Joint, Polyurethane Sealant And Caulking.....	562.94	111.44
			For Up To 0.65 CLF, Add	33.86	
			For >3.5 CLF, Deduct	-39.58	
07 92 13 00-0047	CLF		3/4" x 1" Joint, Polyurethane Sealant And Caulking.....	669.55	121.58
			For Up To 0.5 CLF, Add	41.10	
			For >2.5 CLF, Deduct	-48.72	
07 92 13 00-0048			Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0049	CLF		1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	301.36	91.18
			For Up To 6 CLF, Add	15.76	
			For >30 CLF, Deduct	-16.46	
07 92 13 00-0050	CLF		1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	315.28	91.18
			For Up To 4 CLF, Add	16.81	
			For >20 CLF, Deduct	-17.85	
07 92 13 00-0051	CLF		1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	339.32	94.23
			For Up To 3 CLF, Add	18.36	
			For >15 CLF, Deduct	-19.75	
07 92 13 00-0052	CLF		3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	346.27	94.23
			For Up To 2.5 CLF, Add	18.88	
			For >13 CLF, Deduct	-20.44	
07 92 13 00-0053	CLF		3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	367.14	94.23
			For Up To 2 CLF, Add	20.44	
			For >10 CLF, Deduct	-22.53	
07 92 13 00-0054	CLF		3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	388.00	94.23
			For Up To 1.5 CLF, Add	22.01	
			For >8 CLF, Deduct	-24.62	
07 92 13 00-0055	CLF		3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	418.99	98.28
			For Up To 1.3 CLF, Add	24.08	
			For >7 CLF, Deduct	-27.21	
07 92 13 00-0056	CLF		1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	405.08	98.28
			For Up To 1.4 CLF, Add	23.04	
			For >7.5 CLF, Deduct	-25.82	
07 92 13 00-0057	CLF		1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	443.04	101.31
			For Up To 1.15 CLF, Add	25.63	
			For >6 CLF, Deduct	-29.11	
07 92 13 00-0058	CLF		1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	470.85	101.31
			For Up To 1 CLF, Add	27.72	
			For >5 CLF, Deduct	-31.89	
07 92 13 00-0059	CLF		1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	508.80	104.36
			For Up To 0.8 CLF, Add	30.31	
			For >4.5 CLF, Deduct	-35.18	
07 92 13 00-0060	CLF		1/2" x 1" Joint, Polysulfide Sealant And Caulking	546.74	108.41
			For Up To 0.75 CLF, Add	32.90	
			For >4 CLF, Deduct	-38.46	
07 92 13 00-0061	CLF		3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	584.70	111.44
			For Up To 0.65 CLF, Add	35.49	
			For >3.5 CLF, Deduct	-41.75	
07 92 13 00-0062	CLF		3/4" x 1" Joint, Polysulfide Sealant And Caulking	698.55	121.58
			For Up To 0.5 CLF, Add	43.27	
			For >2.5 CLF, Deduct	-51.62	
07 92 13 00-0063			Flexible Polyurethane Security Sealant And Caulking (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0064	CLF		1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	307.26	91.18
			For Up To 6 CLF, Add	16.21	
			For >30 CLF, Deduct	-17.05	
07 92 13 00-0065	CLF		1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	324.12	91.18
			For Up To 4 CLF, Add	17.47	
			For >20 CLF, Deduct	-18.73	
07 92 13 00-0066	CLF		1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	351.11	94.23
			For Up To 3 CLF, Add	19.24	
			For >15 CLF, Deduct	-20.93	
07 92 13 00-0067	CLF		3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	359.53	94.23
			For Up To 2.5 CLF, Add	19.87	
			For >13 CLF, Deduct	-21.77	
07 92 13 00-0068	CLF		3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	384.82	94.23
			For Up To 2 CLF, Add	21.77	
			For >10 CLF, Deduct	-24.30	
07 92 13 00-0069	CLF		3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	410.10	94.23
			For Up To 1.5 CLF, Add	23.67	
			For >8 CLF, Deduct	-26.83	
07 92 13 00-0070	CLF		3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	445.52	98.28
			For Up To 1.3 CLF, Add	26.07	
			For >7 CLF, Deduct	-29.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0071			CLF 1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	428.66	98.28
			For Up To 1.4 CLF, Add	24.80	
			For >7.5 CLF, Deduct	-28.18	
07 92 13 00-0072			CLF 1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	472.50	101.31
			For Up To 1.15 CLF, Add	27.84	
			For >6 CLF, Deduct	-32.05	
07 92 13 00-0073			CLF 1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	506.22	101.31
			For Up To 1 CLF, Add	30.37	
			For >5 CLF, Deduct	-35.43	
07 92 13 00-0074			CLF 1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	550.06	104.36
			For Up To 0.8 CLF, Add	33.40	
			For >4.5 CLF, Deduct	-39.30	
07 92 13 00-0075			CLF 1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	593.90	108.41
			For Up To 0.75 CLF, Add	36.44	
			For >4 CLF, Deduct	-43.18	
07 92 13 00-0076			CLF 3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	637.75	111.44
			For Up To 0.65 CLF, Add	39.47	
			For >3.5 CLF, Deduct	-47.06	
07 92 13 00-0077			CLF 3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	769.29	121.58
			For Up To 0.5 CLF, Add	48.58	
			For >2.5 CLF, Deduct	-58.69	

07 92 19 Acoustical Joint Sealants (07 92)
07 92 19 00-0001 Acoustical Sealant (07 92 19)

07 92 19 00-0002			CLF 1/4" x 1/4" Joint, Acoustical Sealant	302.96	91.18
			For Custom Match Coloring, Add	7.06	
			For Up To 6 CLF, Add	15.88	
			For >30 CLF, Deduct	-16.62	
			For 1 Part Mildew Resistant, Add	10.29	
			For High-Modulus Non-Acid Curing, Add	5.88	
07 92 19 00-0003			CLF 1/4" x 3/8" Joint, Acoustical Sealant	314.13	91.18
			For Custom Match Coloring, Add	9.74	
			For Up To 4 CLF, Add	16.72	
			For >20 CLF, Deduct	-17.74	
			For 1 Part Mildew Resistant, Add	14.20	
			For High-Modulus Non-Acid Curing, Add	8.12	
07 92 19 00-0004			CLF 1/4" x 1/2" Joint, Acoustical Sealant	330.84	94.23
			For Custom Match Coloring, Add	11.32	
			For Up To 3 CLF, Add	17.72	
			For >15 CLF, Deduct	-18.90	
			For 1 Part Mildew Resistant, Add	16.51	
			For High-Modulus Non-Acid Curing, Add	9.43	
07 92 19 00-0005			CLF 3/8" x 3/8" Joint, Acoustical Sealant	349.12	94.23
			For Custom Match Coloring, Add	15.71	
			For Up To 2.5 CLF, Add	19.09	
			For >13 CLF, Deduct	-20.73	
			For 1 Part Mildew Resistant, Add	22.90	
			For High-Modulus Non-Acid Curing, Add	13.09	
07 92 19 00-0006			CLF 3/8" x 1/2" Joint, Acoustical Sealant	368.11	94.23
			For Custom Match Coloring, Add	20.26	
			For Up To 2 CLF, Add	20.52	
			For >10 CLF, Deduct	-22.63	
			For 1 Part Mildew Resistant, Add	29.55	
			For High-Modulus Non-Acid Curing, Add	16.89	
07 92 19 00-0007			CLF 1/2" x 1/2" Joint, Acoustical Sealant	412.78	98.28
			For Custom Match Coloring, Add	28.55	
			For Up To 1.4 CLF, Add	23.61	
			For >7.5 CLF, Deduct	-26.59	
			For 1 Part Mildew Resistant, Add	41.64	
			For High-Modulus Non-Acid Curing, Add	23.79	

07 95 Expansion Control (07 90)
07 95 13 Expansion Joint Cover Assemblies (07 95)

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)
07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies (07 95 13 13)
07 95 13 13-0002 With 1" Space (07 95 13 13-0001)

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	55.91	5.59
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, Bronze Expansion Joint Cover	61.89	5.59
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	73.84	5.59

07 95 13 13-0006 With 2" Space (07 95 13 13-0001)

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	71.60	5.59
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	74.34	5.59
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	98.49	5.59

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)
07 95 13 13-0011 With 1" Space (07 95 13 13-0010)

07 95 13 13-0012	LF	Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	40.23	5.59
07 95 13 13-0013	LF	Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	49.45	5.59

07 Thermal And Moisture Protection**07 90 Joint Protection****07 95 Expansion Control**
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07 95 13 13-0014	LF	Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	61.52	5.59
07 95 13 13-0015		With 2" Space <small>(07 95 13 13-0010)</small>		
07 95 13 13-0016	LF	Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	49.64	5.59
07 95 13 13-0017	LF	Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	55.66	5.59
07 95 13 13-0018	LF	Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	73.84	5.59
07 95 13 16		Exterior Expansion Joint Cover Assemblies <small>(07 95 13)</small>		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies <small>(07 95 13 16)</small>		
07 95 13 16-0002		Roof To Roof <small>(07 95 13 16-0001)</small>		
07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	66.75	3.73
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	79.95	3.73
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	89.04	3.73
07 95 13 16-0006		Roof To Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0007	LF	Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies	50.64	3.73
07 95 13 16-0008	LF	Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies	66.80	3.73
07 95 13 16-0009		Flat Wall To Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0010	LF	Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	38.15	3.73
07 95 13 16-0011	LF	Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	47.85	3.73
07 95 13 16-0012	LF	Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies	59.55	3.73
07 95 13 16-0013		Corner To Flat Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0014	LF	Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	36.34	3.73
07 95 13 16-0015	LF	Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	42.81	3.73
07 95 13 16-0016	LF	Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies	60.97	3.73

END OF SECTION 07

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

08 01 Operation And Maintenance Of Openings (08)

08 01 50 Operation And Maintenance Of Windows (08 01)

08 01 52 Operation and Maintenance of Wood Windows (08 01 50)

08 01 52 61 Wood Window Repairs (08 01 52)

08 01 52 61-0001 Window Restoration And Replacement (08 01 52 61)

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	10.93
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	29.82
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	33.05
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	20.54
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	19.03
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	23.13
		Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing	73.81
		Note: Channel, spiral or coil balance.	
		<i>For Replacing Two Balances In One Window, Deduct</i>	-27.97

08 01 80 Maintenance of Glazing (08 01)

08 01 81 Maintenance of Glass Glazing (08 01 80)

08 01 81 00-0001 Glazing Compound Repair (08 01 81)

08 01 81 00-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing	5.05
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08 05 Common Work Results For Openings (08)

08 05 13 Door Options And Modifications (08 05)

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) (08 05 13)

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	84.49
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	42.25
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	106.94
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	53.47
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	124.06
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	62.03
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	158.28
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	79.14
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	205.33
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	102.67
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	262.01
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	131.01
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	278.06
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	139.03
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	178.15
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	38.41
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	208.70
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	48.61
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	234.40
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	56.39
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	275.64
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	71.95
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	328.56
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	93.34
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	390.22
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	119.10
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	414.93
		<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	126.39

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)

Note: Factory primed or powder coated.

08 Openings**08 05 Common Work Results For Openings****08 05 13 Door Options And Modifications**
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08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	80.15
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	91.04
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	123.71
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	230.71
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	285.27
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	340.71
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	444.55
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	523.27
		<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i>	<i>62.79</i>
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	156.16
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	174.65
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	214.92
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	329.52
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	391.68
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	454.72
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	566.17
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	649.96
		<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i>	<i>62.79</i>
08 05 13 00-0033		Fire Rated Fusible Link Louvers (Pemko LV-FL) <small>(08 05 13)</small>	
		Note: Factory primed or powder coated.	
08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	162.23
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	185.63
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	218.03
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	253.44
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	286.97
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	327.48
08 05 13 00-0040		Door Hardware Preparation <small>(08 05 13)</small>	
08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	75.99
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware.....	187.43
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	86.12
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware	151.98
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	25.32
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod.....	278.64
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	177.30
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware	187.43
		Note: Requires door to be taken off site for UL certification.	
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware.....	86.12
08 05 13 00-0050		Door Modifications <small>(08 05 13)</small>	
08 05 13 00-0051	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	121.79
08 05 13 00-0052	SF	For 16 Gauge Steel Metal Plate Bolted On Door	24.36
		Note: Includes mounting hardware.	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile.....	91.21
		Note: Excludes removal and reinstallation of door.	
08 05 13 00-0054	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile	45.93
		Note: Excludes removal and reinstallation of door.	
08 05 13 00-0055	EA	Modify Metal Door Frame For Door Swing.....	1,026.91
		Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	
08 05 13 00-0056	EA	Removal And Reinstallation Of Door	86.14
08 05 13 00-0057	EA	Removal And Reinstallation Of Metal Door Frame	168.91
08 05 13 00-0058	EA	Removal And Reinstallation Of Wood Door Frame.....	102.06
08 05 13 00-0059	EA	For Factory Installed Fire Bottom Seal In Wood Door, Add	92.00
08 05 13 00-0060	EA	For Factory Installed Fire Bottom Seal In Steel Door, Add	112.42
08 05 13 00-0061	EA	Factory Trim Wood Door Edge For Custom Width.....	66.34

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 10 Doors And Frames (08)

08 11 Metal Doors And Frames (08 10)

08 11 63 Metal Screen And Storm Doors And Frames (08 11)

08 11 63 13 Steel Screen And Storm Doors And Frames (08 11 63)

08 11 63 13-0001 Steel Screen Door (08 11 63 13)

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	862.42	139.35
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	872.60	144.42
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	847.35	144.42

08 11 63 23 Aluminum Screen And Storm Doors And Frames (08 11 63)

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23)

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	714.74	81.08
		<i>For Special Finished, Add</i>	61.45	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	749.28	81.08
08 11 63 23-0004	EA	Aluminum Screen Door	223.26	50.66
08 11 63 23-0005	SF	Repair Screen Door	8.14	

08 11 73 Sliding Metal Fire Doors (08 11)

08 11 73 00-0001 Motor Operated Fire Door (08 11 73)

Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,024.24	466.12
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,320.21	466.12
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,818.30	466.12
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,356.99	466.12

08 12 Metal Frames (08 10)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames (08 12)

08 12 13 13 Standard Hollow Metal Frames (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	311.44	76.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	23.91	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	19.13	
		<i>For Type 304 Stainless Steel Frame, Add</i>	294.56	
		<i>For Type 316 Stainless Steel Frame, Add</i>	342.38	
		<i>For Baked Enamel Finish, Add</i>	70.63	
		<i>For 18 Gauge Frame, Deduct</i>	-15.94	
		<i>For 14 Gauge Frame, Add</i>	39.86	
		<i>For 12 Gauge Frame, Add</i>	60.58	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	357.00	83.61
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.47	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	22.77	
		<i>For Type 304 Stainless Steel Frame, Add</i>	349.97	
		<i>For Type 316 Stainless Steel Frame, Add</i>	406.90	
		<i>For Baked Enamel Finish, Add</i>	82.02	
		<i>For 18 Gauge Frame, Deduct</i>	-18.98	
		<i>For 14 Gauge Frame, Add</i>	47.45	
		<i>For 12 Gauge Frame, Add</i>	72.12	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	370.17	88.68
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.92	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	23.14	
		<i>For Type 304 Stainless Steel Frame, Add</i>	355.94	
		<i>For Type 316 Stainless Steel Frame, Add</i>	413.79	
		<i>For Baked Enamel Finish, Add</i>	84.45	
		<i>For 18 Gauge Frame, Deduct</i>	-19.28	
		<i>For 14 Gauge Frame, Add</i>	48.21	
		<i>For 12 Gauge Frame, Add</i>	73.27	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	385.37	96.28
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.92	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	23.14	
		<i>For Type 304 Stainless Steel Frame, Add</i>	356.70	
		<i>For Type 316 Stainless Steel Frame, Add</i>	414.55	
		<i>For Baked Enamel Finish, Add</i>	86.73	
		<i>For 18 Gauge Frame, Deduct</i>	-19.28	
		<i>For 14 Gauge Frame, Add</i>	48.21	
		<i>For 12 Gauge Frame, Add</i>	73.27	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	393.49	98.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	29.38	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	23.50	
		<i>For Type 304 Stainless Steel Frame, Add</i>	362.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	421.19	
		<i>For Baked Enamel Finish, Add</i>	88.40	
		<i>For 18 Gauge Frame, Deduct</i>	-19.59	
		<i>For 14 Gauge Frame, Add</i>	48.97	
		<i>For 12 Gauge Frame, Add</i>	74.43	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	401.58	101.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	29.83	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	23.87	
		<i>For Type 304 Stainless Steel Frame, Add</i>	368.14	
		<i>For Type 316 Stainless Steel Frame, Add</i>	427.80	
		<i>For Baked Enamel Finish, Add</i>	90.07	
		<i>For 18 Gauge Frame, Deduct</i>	-19.89	
		<i>For 14 Gauge Frame, Add</i>	49.72	
		<i>For 12 Gauge Frame, Add</i>	75.58	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	425.39	106.41
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	31.88	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	25.51	
		<i>For Type 304 Stainless Steel Frame, Add</i>	393.25	
		<i>For Type 316 Stainless Steel Frame, Add</i>	457.02	
		<i>For Baked Enamel Finish, Add</i>	95.69	
		<i>For 18 Gauge Frame, Deduct</i>	-21.26	
		<i>For 14 Gauge Frame, Add</i>	53.14	
		<i>For 12 Gauge Frame, Add</i>	80.77	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	435.52	111.48
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	31.88	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	25.51	
		<i>For Type 304 Stainless Steel Frame, Add</i>	393.76	
		<i>For Type 316 Stainless Steel Frame, Add</i>	457.52	
		<i>For Baked Enamel Finish, Add</i>	97.21	
		<i>For 18 Gauge Frame, Deduct</i>	-21.26	
		<i>For 14 Gauge Frame, Add</i>	53.14	
		<i>For 12 Gauge Frame, Add</i>	80.77	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	453.24	116.55
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.02	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	26.42	
		<i>For Type 304 Stainless Steel Frame, Add</i>	407.92	
		<i>For Type 316 Stainless Steel Frame, Add</i>	473.97	
		<i>For Baked Enamel Finish, Add</i>	101.01	
		<i>For 18 Gauge Frame, Deduct</i>	-22.02	
		<i>For 14 Gauge Frame, Add</i>	55.04	
		<i>For 12 Gauge Frame, Add</i>	83.66	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	470.97	121.62
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.16	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	27.33	
		<i>For Type 304 Stainless Steel Frame, Add</i>	422.09	
		<i>For Type 316 Stainless Steel Frame, Add</i>	490.42	
		<i>For Baked Enamel Finish, Add</i>	104.81	
		<i>For 18 Gauge Frame, Deduct</i>	-22.77	
		<i>For 14 Gauge Frame, Add</i>	56.94	
		<i>For 12 Gauge Frame, Add</i>	86.54	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	481.10	126.69
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.16	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	27.33	
		<i>For Type 304 Stainless Steel Frame, Add</i>	422.60	
		<i>For Type 316 Stainless Steel Frame, Add</i>	490.92	
		<i>For Baked Enamel Finish, Add</i>	106.33	
		<i>For 18 Gauge Frame, Deduct</i>	-22.77	
		<i>For 14 Gauge Frame, Add</i>	56.94	
		<i>For 12 Gauge Frame, Add</i>	86.54	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	489.97	129.22
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.73	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	27.78	
		<i>For Type 304 Stainless Steel Frame, Add</i>	429.69	
		<i>For Type 316 Stainless Steel Frame, Add</i>	499.16	
		<i>For Baked Enamel Finish, Add</i>	108.23	
		<i>For 18 Gauge Frame, Deduct</i>	-23.15	
		<i>For 14 Gauge Frame, Add</i>	57.89	
		<i>For 12 Gauge Frame, Add</i>	87.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	498.82	131.75
			For Auxiliary Frame Reinforcement For Hinges, Add	35.30	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	28.24	
			For Type 304 Stainless Steel Frame, Add	436.77	
			For Type 316 Stainless Steel Frame, Add	507.37	
			For Baked Enamel Finish, Add	110.12	
			For 18 Gauge Frame, Deduct	-23.53	
			For 14 Gauge Frame, Add	58.83	
			For 12 Gauge Frame, Add	89.43	
08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	519.07	134.29
			For Auxiliary Frame Reinforcement For Hinges, Add	37.58	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	30.06	
			For Type 304 Stainless Steel Frame, Add	464.35	
			For Type 316 Stainless Steel Frame, Add	539.50	
			For Baked Enamel Finish, Add	115.44	
			For 18 Gauge Frame, Deduct	-25.05	
			For 14 Gauge Frame, Add	62.63	
			For 12 Gauge Frame, Add	95.19	
08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	539.34	136.82
			For Auxiliary Frame Reinforcement For Hinges, Add	39.86	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	31.88	
			For Type 304 Stainless Steel Frame, Add	491.94	
			For Type 316 Stainless Steel Frame, Add	571.65	
			For Baked Enamel Finish, Add	120.76	
			For 18 Gauge Frame, Deduct	-26.57	
			For 14 Gauge Frame, Add	66.43	
			For 12 Gauge Frame, Add	100.97	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)

08 12 13 13-0019	EA		2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	329.15	76.01
			For Auxiliary Frame Reinforcement For Hinges, Add	26.57	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	21.26	
			For Type 304 Stainless Steel Frame, Add	326.44	
			For Type 316 Stainless Steel Frame, Add	379.57	
			For Baked Enamel Finish, Add	75.94	
			For 18 Gauge Frame, Deduct	-17.71	
			For 14 Gauge Frame, Add	44.28	
			For 12 Gauge Frame, Add	67.31	
08 12 13 13-0020	EA		2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	378.09	83.61
			For Auxiliary Frame Reinforcement For Hinges, Add	31.63	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	25.30	
			For Type 304 Stainless Steel Frame, Add	387.93	
			For Type 316 Stainless Steel Frame, Add	451.19	
			For Baked Enamel Finish, Add	88.34	
			For 18 Gauge Frame, Deduct	-21.09	
			For 14 Gauge Frame, Add	52.72	
			For 12 Gauge Frame, Add	80.13	
08 12 13 13-0021	EA		2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	391.59	88.68
			For Auxiliary Frame Reinforcement For Hinges, Add	32.14	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	25.71	
			For Type 304 Stainless Steel Frame, Add	394.50	
			For Type 316 Stainless Steel Frame, Add	458.77	
			For Baked Enamel Finish, Add	90.87	
			For 18 Gauge Frame, Deduct	-21.42	
			For 14 Gauge Frame, Add	53.56	
			For 12 Gauge Frame, Add	81.41	
08 12 13 13-0022	EA		2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.79	96.28
			For Auxiliary Frame Reinforcement For Hinges, Add	32.14	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	25.71	
			For Type 304 Stainless Steel Frame, Add	395.26	
			For Type 316 Stainless Steel Frame, Add	459.53	
			For Baked Enamel Finish, Add	93.15	
			For 18 Gauge Frame, Deduct	-21.42	
			For 14 Gauge Frame, Add	53.56	
			For 12 Gauge Frame, Add	81.41	
08 12 13 13-0023	EA		2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	415.25	98.81
			For Auxiliary Frame Reinforcement For Hinges, Add	32.64	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	26.11	
			For Type 304 Stainless Steel Frame, Add	401.60	
			For Type 316 Stainless Steel Frame, Add	466.88	
			For Baked Enamel Finish, Add	94.93	
			For 18 Gauge Frame, Deduct	-21.76	
			For 14 Gauge Frame, Add	54.41	
			For 12 Gauge Frame, Add	82.70	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	423.68	101.34
		For Auxiliary Frame Reinforcement For Hinges, Add	33.15	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	26.52	
		For Type 304 Stainless Steel Frame, Add	407.92	
		For Type 316 Stainless Steel Frame, Add	474.21	
		For Baked Enamel Finish, Add	96.70	
		For 18 Gauge Frame, Deduct	-22.10	
		For 14 Gauge Frame, Add	55.25	
		For 12 Gauge Frame, Add	83.98	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	449.00	106.41
		For Auxiliary Frame Reinforcement For Hinges, Add	35.43	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	28.34	
		For Type 304 Stainless Steel Frame, Add	435.75	
		For Type 316 Stainless Steel Frame, Add	506.60	
		For Baked Enamel Finish, Add	102.78	
		For 18 Gauge Frame, Deduct	-23.62	
		For 14 Gauge Frame, Add	59.04	
		For 12 Gauge Frame, Add	89.74	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	459.13	111.48
		For Auxiliary Frame Reinforcement For Hinges, Add	35.43	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	28.34	
		For Type 304 Stainless Steel Frame, Add	436.25	
		For Type 316 Stainless Steel Frame, Add	507.11	
		For Baked Enamel Finish, Add	104.30	
		For 18 Gauge Frame, Deduct	-23.62	
		For 14 Gauge Frame, Add	59.04	
		For 12 Gauge Frame, Add	89.74	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	477.70	116.55
		For Auxiliary Frame Reinforcement For Hinges, Add	36.69	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	29.35	
		For Type 304 Stainless Steel Frame, Add	451.95	
		For Type 316 Stainless Steel Frame, Add	525.34	
		For Baked Enamel Finish, Add	108.35	
		For 18 Gauge Frame, Deduct	-24.46	
		For 14 Gauge Frame, Add	61.15	
		For 12 Gauge Frame, Add	92.95	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	496.27	121.62
		For Auxiliary Frame Reinforcement For Hinges, Add	37.96	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	30.36	
		For Type 304 Stainless Steel Frame, Add	467.63	
		For Type 316 Stainless Steel Frame, Add	543.55	
		For Baked Enamel Finish, Add	112.40	
		For 18 Gauge Frame, Deduct	-25.30	
		For 14 Gauge Frame, Add	63.26	
		For 12 Gauge Frame, Add	96.16	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	506.40	126.69
		For Auxiliary Frame Reinforcement For Hinges, Add	37.96	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	30.36	
		For Type 304 Stainless Steel Frame, Add	468.14	
		For Type 316 Stainless Steel Frame, Add	544.05	
		For Baked Enamel Finish, Add	113.92	
		For 18 Gauge Frame, Deduct	-25.30	
		For 14 Gauge Frame, Add	63.26	
		For 12 Gauge Frame, Add	96.16	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	515.69	129.22
		For Auxiliary Frame Reinforcement For Hinges, Add	38.59	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	30.87	
		For Type 304 Stainless Steel Frame, Add	475.99	
		For Type 316 Stainless Steel Frame, Add	553.17	
		For Baked Enamel Finish, Add	115.94	
		For 18 Gauge Frame, Deduct	-25.73	
		For 14 Gauge Frame, Add	64.32	
		For 12 Gauge Frame, Add	97.76	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	524.97	131.75
		For Auxiliary Frame Reinforcement For Hinges, Add	39.22	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	31.38	
		For Type 304 Stainless Steel Frame, Add	483.84	
		For Type 316 Stainless Steel Frame, Add	562.28	
		For Baked Enamel Finish, Add	117.97	
		For 18 Gauge Frame, Deduct	-26.15	
		For 14 Gauge Frame, Add	65.37	
		For 12 Gauge Frame, Add	99.36	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	546.91	134.29
		For Auxiliary Frame Reinforcement For Hinges, Add	41.75	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	33.40	
		For Type 304 Stainless Steel Frame, Add	514.46	
		For Type 316 Stainless Steel Frame, Add	597.96	
		For Baked Enamel Finish, Add	123.79	
		For 18 Gauge Frame, Deduct	-27.84	
		For 14 Gauge Frame, Add	69.59	
		For 12 Gauge Frame, Add	105.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0033	EA		8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	568.86	136.82
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.28	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	35.43	
			<i>For Type 304 Stainless Steel Frame, Add</i>	545.08	
			<i>For Type 316 Stainless Steel Frame, Add</i>	633.64	
			<i>For Baked Enamel Finish, Add</i>	129.61	
			<i>For 18 Gauge Frame, Deduct</i>	-29.52	
			<i>For 14 Gauge Frame, Add</i>	73.81	
			<i>For 12 Gauge Frame, Add</i>	112.18	
08 12 13 13-0034			5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0035			6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13 13-0036	EA		2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	329.15	76.01
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	26.57	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	21.26	
			<i>For Type 304 Stainless Steel Frame, Add</i>	326.44	
			<i>For Type 316 Stainless Steel Frame, Add</i>	379.57	
			<i>For Baked Enamel Finish, Add</i>	75.94	
			<i>For 18 Gauge Frame, Deduct</i>	-17.71	
			<i>For 14 Gauge Frame, Add</i>	44.28	
			<i>For 12 Gauge Frame, Add</i>	67.31	
08 12 13 13-0037	EA		2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	378.09	83.61
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	31.63	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	25.30	
			<i>For Type 304 Stainless Steel Frame, Add</i>	387.93	
			<i>For Type 316 Stainless Steel Frame, Add</i>	451.19	
			<i>For Baked Enamel Finish, Add</i>	88.34	
			<i>For 18 Gauge Frame, Deduct</i>	-21.09	
			<i>For 14 Gauge Frame, Add</i>	52.72	
			<i>For 12 Gauge Frame, Add</i>	80.13	
08 12 13 13-0038	EA		2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	391.59	88.68
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	32.14	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	25.71	
			<i>For Type 304 Stainless Steel Frame, Add</i>	394.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	458.77	
			<i>For Baked Enamel Finish, Add</i>	90.87	
			<i>For 18 Gauge Frame, Deduct</i>	-21.42	
			<i>For 14 Gauge Frame, Add</i>	53.56	
			<i>For 12 Gauge Frame, Add</i>	81.41	
08 12 13 13-0039	EA		2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	406.79	96.28
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	32.14	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	25.71	
			<i>For Type 304 Stainless Steel Frame, Add</i>	395.26	
			<i>For Type 316 Stainless Steel Frame, Add</i>	459.53	
			<i>For Baked Enamel Finish, Add</i>	93.15	
			<i>For 18 Gauge Frame, Deduct</i>	-21.42	
			<i>For 14 Gauge Frame, Add</i>	53.56	
			<i>For 12 Gauge Frame, Add</i>	81.41	
08 12 13 13-0040	EA		2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	415.25	98.81
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	32.64	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	26.11	
			<i>For Type 304 Stainless Steel Frame, Add</i>	401.60	
			<i>For Type 316 Stainless Steel Frame, Add</i>	466.88	
			<i>For Baked Enamel Finish, Add</i>	94.93	
			<i>For 18 Gauge Frame, Deduct</i>	-21.76	
			<i>For 14 Gauge Frame, Add</i>	54.41	
			<i>For 12 Gauge Frame, Add</i>	82.70	
08 12 13 13-0041	EA		3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	423.68	101.34
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.15	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	26.52	
			<i>For Type 304 Stainless Steel Frame, Add</i>	407.92	
			<i>For Type 316 Stainless Steel Frame, Add</i>	474.21	
			<i>For Baked Enamel Finish, Add</i>	96.70	
			<i>For 18 Gauge Frame, Deduct</i>	-22.10	
			<i>For 14 Gauge Frame, Add</i>	55.25	
			<i>For 12 Gauge Frame, Add</i>	83.98	
08 12 13 13-0042	EA		3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	449.00	106.41
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.43	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	28.34	
			<i>For Type 304 Stainless Steel Frame, Add</i>	435.75	
			<i>For Type 316 Stainless Steel Frame, Add</i>	506.60	
			<i>For Baked Enamel Finish, Add</i>	102.78	
			<i>For 18 Gauge Frame, Deduct</i>	-23.62	
			<i>For 14 Gauge Frame, Add</i>	59.04	
			<i>For 12 Gauge Frame, Add</i>	89.74	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	459.13	111.48
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.43	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	28.34	
		<i>For Type 304 Stainless Steel Frame, Add</i>	436.25	
		<i>For Type 316 Stainless Steel Frame, Add</i>	507.11	
		<i>For Baked Enamel Finish, Add</i>	104.30	
		<i>For 18 Gauge Frame, Deduct</i>	-23.62	
		<i>For 14 Gauge Frame, Add</i>	59.04	
		<i>For 12 Gauge Frame, Add</i>	89.74	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	477.70	116.55
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.69	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	29.35	
		<i>For Type 304 Stainless Steel Frame, Add</i>	451.95	
		<i>For Type 316 Stainless Steel Frame, Add</i>	525.34	
		<i>For Baked Enamel Finish, Add</i>	108.35	
		<i>For 18 Gauge Frame, Deduct</i>	-24.46	
		<i>For 14 Gauge Frame, Add</i>	61.15	
		<i>For 12 Gauge Frame, Add</i>	92.95	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	496.27	121.62
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	37.96	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	30.36	
		<i>For Type 304 Stainless Steel Frame, Add</i>	467.63	
		<i>For Type 316 Stainless Steel Frame, Add</i>	543.55	
		<i>For Baked Enamel Finish, Add</i>	112.40	
		<i>For 18 Gauge Frame, Deduct</i>	-25.30	
		<i>For 14 Gauge Frame, Add</i>	63.26	
		<i>For 12 Gauge Frame, Add</i>	96.16	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	506.40	126.69
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	37.96	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	30.36	
		<i>For Type 304 Stainless Steel Frame, Add</i>	468.14	
		<i>For Type 316 Stainless Steel Frame, Add</i>	544.05	
		<i>For Baked Enamel Finish, Add</i>	113.92	
		<i>For 18 Gauge Frame, Deduct</i>	-25.30	
		<i>For 14 Gauge Frame, Add</i>	63.26	
		<i>For 12 Gauge Frame, Add</i>	96.16	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	515.69	129.22
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	38.59	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	30.87	
		<i>For Type 304 Stainless Steel Frame, Add</i>	475.99	
		<i>For Type 316 Stainless Steel Frame, Add</i>	553.17	
		<i>For Baked Enamel Finish, Add</i>	115.94	
		<i>For 18 Gauge Frame, Deduct</i>	-25.73	
		<i>For 14 Gauge Frame, Add</i>	64.32	
		<i>For 12 Gauge Frame, Add</i>	97.76	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.97	131.75
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.22	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	31.38	
		<i>For Type 304 Stainless Steel Frame, Add</i>	483.84	
		<i>For Type 316 Stainless Steel Frame, Add</i>	562.28	
		<i>For Baked Enamel Finish, Add</i>	117.97	
		<i>For 18 Gauge Frame, Deduct</i>	-26.15	
		<i>For 14 Gauge Frame, Add</i>	65.37	
		<i>For 12 Gauge Frame, Add</i>	99.36	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	546.91	134.29
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.75	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	33.40	
		<i>For Type 304 Stainless Steel Frame, Add</i>	514.46	
		<i>For Type 316 Stainless Steel Frame, Add</i>	597.96	
		<i>For Baked Enamel Finish, Add</i>	123.79	
		<i>For 18 Gauge Frame, Deduct</i>	-27.84	
		<i>For 14 Gauge Frame, Add</i>	69.59	
		<i>For 12 Gauge Frame, Add</i>	105.77	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	568.86	136.82
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.28	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	35.43	
		<i>For Type 304 Stainless Steel Frame, Add</i>	545.08	
		<i>For Type 316 Stainless Steel Frame, Add</i>	633.64	
		<i>For Baked Enamel Finish, Add</i>	129.61	
		<i>For 18 Gauge Frame, Deduct</i>	-29.52	
		<i>For 14 Gauge Frame, Add</i>	73.81	
		<i>For 12 Gauge Frame, Add</i>	112.18	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames

(08 12 13 13-0034)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0052	EA	2' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	348.83	76.01
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	29.52	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	23.62	
			<i>For Type 304 Stainless Steel Frame, Add</i>	361.86	
			<i>For Type 316 Stainless Steel Frame, Add</i>	420.90	
			<i>For Baked Enamel Finish, Add</i>	81.85	
			<i>For 18 Gauge Frame, Deduct</i>	-19.68	
			<i>For 14 Gauge Frame, Add</i>	49.20	
			<i>For 12 Gauge Frame, Add</i>	74.79	
08 12 13 13-0053	EA	2'-4" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	401.52	83.61
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.15	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	28.12	
			<i>For Type 304 Stainless Steel Frame, Add</i>	430.10	
			<i>For Type 316 Stainless Steel Frame, Add</i>	500.39	
			<i>For Baked Enamel Finish, Add</i>	95.37	
			<i>For 18 Gauge Frame, Deduct</i>	-23.43	
			<i>For 14 Gauge Frame, Add</i>	58.58	
			<i>For 12 Gauge Frame, Add</i>	89.03	
08 12 13 13-0054	EA	2'-6" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	415.40	88.68
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.71	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	28.57	
			<i>For Type 304 Stainless Steel Frame, Add</i>	437.36	
			<i>For Type 316 Stainless Steel Frame, Add</i>	508.77	
			<i>For Baked Enamel Finish, Add</i>	98.02	
			<i>For 18 Gauge Frame, Deduct</i>	-23.81	
			<i>For 14 Gauge Frame, Add</i>	59.51	
			<i>For 12 Gauge Frame, Add</i>	90.46	
08 12 13 13-0055	EA	2'-8" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.60	96.28
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.71	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	28.57	
			<i>For Type 304 Stainless Steel Frame, Add</i>	438.12	
			<i>For Type 316 Stainless Steel Frame, Add</i>	509.53	
			<i>For Baked Enamel Finish, Add</i>	100.30	
			<i>For 18 Gauge Frame, Deduct</i>	-23.81	
			<i>For 14 Gauge Frame, Add</i>	59.51	
			<i>For 12 Gauge Frame, Add</i>	90.46	
08 12 13 13-0056	EA	2'-10" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	439.43	98.81
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.27	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	29.02	
			<i>For Type 304 Stainless Steel Frame, Add</i>	445.12	
			<i>For Type 316 Stainless Steel Frame, Add</i>	517.66	
			<i>For Baked Enamel Finish, Add</i>	102.18	
			<i>For 18 Gauge Frame, Deduct</i>	-24.18	
			<i>For 14 Gauge Frame, Add</i>	60.45	
			<i>For 12 Gauge Frame, Add</i>	91.88	
08 12 13 13-0057	EA	3' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	448.24	101.34
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.83	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	29.47	
			<i>For Type 304 Stainless Steel Frame, Add</i>	452.12	
			<i>For Type 316 Stainless Steel Frame, Add</i>	525.79	
			<i>For Baked Enamel Finish, Add</i>	104.07	
			<i>For 18 Gauge Frame, Deduct</i>	-24.56	
			<i>For 14 Gauge Frame, Add</i>	61.39	
			<i>For 12 Gauge Frame, Add</i>	93.31	
08 12 13 13-0058	EA	3'-4" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.25	106.41
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.36	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	31.49	
			<i>For Type 304 Stainless Steel Frame, Add</i>	483.00	
			<i>For Type 316 Stainless Steel Frame, Add</i>	561.72	
			<i>For Baked Enamel Finish, Add</i>	110.65	
			<i>For 18 Gauge Frame, Deduct</i>	-26.24	
			<i>For 14 Gauge Frame, Add</i>	65.61	
			<i>For 12 Gauge Frame, Add</i>	99.72	
08 12 13 13-0059	EA	3'-6" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	485.38	111.48
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.36	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	31.49	
			<i>For Type 304 Stainless Steel Frame, Add</i>	483.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	562.23	
			<i>For Baked Enamel Finish, Add</i>	112.17	
			<i>For 18 Gauge Frame, Deduct</i>	-26.24	
			<i>For 14 Gauge Frame, Add</i>	65.61	
			<i>For 12 Gauge Frame, Add</i>	99.72	
08 12 13 13-0060	EA	4' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	504.88	116.55
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.77	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	32.61	
			<i>For Type 304 Stainless Steel Frame, Add</i>	500.88	
			<i>For Type 316 Stainless Steel Frame, Add</i>	582.41	
			<i>For Baked Enamel Finish, Add</i>	116.50	
			<i>For 18 Gauge Frame, Deduct</i>	-27.18	
			<i>For 14 Gauge Frame, Add</i>	67.95	
			<i>For 12 Gauge Frame, Add</i>	103.28	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	524.39	121.62
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.17	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	33.74	
		<i>For Type 304 Stainless Steel Frame, Add</i>	518.25	
		<i>For Type 316 Stainless Steel Frame, Add</i>	602.60	
		<i>For Baked Enamel Finish, Add</i>	120.83	
		<i>For 18 Gauge Frame, Deduct</i>	-28.12	
		<i>For 14 Gauge Frame, Add</i>	70.29	
		<i>For 12 Gauge Frame, Add</i>	106.84	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	534.52	126.69
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.17	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	33.74	
		<i>For Type 304 Stainless Steel Frame, Add</i>	518.76	
		<i>For Type 316 Stainless Steel Frame, Add</i>	603.10	
		<i>For Baked Enamel Finish, Add</i>	122.35	
		<i>For 18 Gauge Frame, Deduct</i>	-28.12	
		<i>For 14 Gauge Frame, Add</i>	70.29	
		<i>For 12 Gauge Frame, Add</i>	106.84	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	544.28	129.22
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.88	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	34.30	
		<i>For Type 304 Stainless Steel Frame, Add</i>	527.45	
		<i>For Type 316 Stainless Steel Frame, Add</i>	613.21	
		<i>For Baked Enamel Finish, Add</i>	124.52	
		<i>For 18 Gauge Frame, Deduct</i>	-28.59	
		<i>For 14 Gauge Frame, Add</i>	71.46	
		<i>For 12 Gauge Frame, Add</i>	108.62	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	554.02	131.75
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	43.58	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	34.86	
		<i>For Type 304 Stainless Steel Frame, Add</i>	536.13	
		<i>For Type 316 Stainless Steel Frame, Add</i>	623.29	
		<i>For Baked Enamel Finish, Add</i>	126.68	
		<i>For 18 Gauge Frame, Deduct</i>	-29.05	
		<i>For 14 Gauge Frame, Add</i>	72.63	
		<i>For 12 Gauge Frame, Add</i>	110.40	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	577.84	134.29
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	46.39	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	37.11	
		<i>For Type 304 Stainless Steel Frame, Add</i>	570.13	
		<i>For Type 316 Stainless Steel Frame, Add</i>	662.92	
		<i>For Baked Enamel Finish, Add</i>	133.07	
		<i>For 18 Gauge Frame, Deduct</i>	-30.93	
		<i>For 14 Gauge Frame, Add</i>	77.32	
		<i>For 12 Gauge Frame, Add</i>	117.53	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	601.66	136.82
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	49.20	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	39.36	
		<i>For Type 304 Stainless Steel Frame, Add</i>	604.12	
		<i>For Type 316 Stainless Steel Frame, Add</i>	702.52	
		<i>For Baked Enamel Finish, Add</i>	139.45	
		<i>For 18 Gauge Frame, Deduct</i>	-32.80	
		<i>For 14 Gauge Frame, Add</i>	82.01	
		<i>For 12 Gauge Frame, Add</i>	124.65	
08 12 13 13-0067		6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0068		6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)		
08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	432.44	76.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.06	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	33.65	
		<i>For Type 304 Stainless Steel Frame, Add</i>	512.36	
		<i>For Type 316 Stainless Steel Frame, Add</i>	596.48	
		<i>For Baked Enamel Finish, Add</i>	106.93	
		<i>For 18 Gauge Frame, Deduct</i>	-28.04	
		<i>For 14 Gauge Frame, Add</i>	70.11	
		<i>For 12 Gauge Frame, Add</i>	106.56	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	501.05	83.61
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	50.07	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	40.06	
		<i>For Type 304 Stainless Steel Frame, Add</i>	609.26	
		<i>For Type 316 Stainless Steel Frame, Add</i>	709.40	
		<i>For Baked Enamel Finish, Add</i>	125.23	
		<i>For 18 Gauge Frame, Deduct</i>	-33.38	
		<i>For 14 Gauge Frame, Add</i>	83.46	
		<i>For 12 Gauge Frame, Add</i>	126.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0071	EA		2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	516.52	88.68
			For Auxiliary Frame Reinforcement For Hinges, Add	50.88	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	40.70	
			For Type 304 Stainless Steel Frame, Add	619.37	
			For Type 316 Stainless Steel Frame, Add	721.12	
			For Baked Enamel Finish, Add	128.35	
			For 18 Gauge Frame, Deduct	-33.92	
			For 14 Gauge Frame, Add	84.79	
			For 12 Gauge Frame, Add	128.88	
08 12 13 13-0072	EA		2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	531.72	96.28
			For Auxiliary Frame Reinforcement For Hinges, Add	50.88	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	40.70	
			For Type 304 Stainless Steel Frame, Add	620.13	
			For Type 316 Stainless Steel Frame, Add	721.88	
			For Baked Enamel Finish, Add	130.63	
			For 18 Gauge Frame, Deduct	-33.92	
			For 14 Gauge Frame, Add	84.79	
			For 12 Gauge Frame, Add	128.88	
08 12 13 13-0073	EA		2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	542.14	98.81
			For Auxiliary Frame Reinforcement For Hinges, Add	51.68	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	41.34	
			For Type 304 Stainless Steel Frame, Add	630.00	
			For Type 316 Stainless Steel Frame, Add	733.35	
			For Baked Enamel Finish, Add	133.00	
			For 18 Gauge Frame, Deduct	-34.45	
			For 14 Gauge Frame, Add	86.13	
			For 12 Gauge Frame, Add	130.91	
08 12 13 13-0074	EA		3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	552.54	101.34
			For Auxiliary Frame Reinforcement For Hinges, Add	52.48	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	41.98	
			For Type 304 Stainless Steel Frame, Add	639.86	
			For Type 316 Stainless Steel Frame, Add	744.82	
			For Baked Enamel Finish, Add	135.36	
			For 18 Gauge Frame, Deduct	-34.99	
			For 14 Gauge Frame, Add	87.46	
			For 12 Gauge Frame, Add	132.94	
08 12 13 13-0075	EA		3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	586.72	106.41
			For Auxiliary Frame Reinforcement For Hinges, Add	56.08	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	44.87	
			For Type 304 Stainless Steel Frame, Add	683.64	
			For Type 316 Stainless Steel Frame, Add	795.81	
			For Baked Enamel Finish, Add	144.09	
			For 18 Gauge Frame, Deduct	-37.39	
			For 14 Gauge Frame, Add	93.47	
			For 12 Gauge Frame, Add	142.08	
08 12 13 13-0076	EA		3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	596.85	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	56.08	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	44.87	
			For Type 304 Stainless Steel Frame, Add	684.15	
			For Type 316 Stainless Steel Frame, Add	796.32	
			For Baked Enamel Finish, Add	145.61	
			For 18 Gauge Frame, Deduct	-37.39	
			For 14 Gauge Frame, Add	93.47	
			For 12 Gauge Frame, Add	142.08	
08 12 13 13-0077	EA		4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	620.33	116.55
			For Auxiliary Frame Reinforcement For Hinges, Add	58.09	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	46.47	
			For Type 304 Stainless Steel Frame, Add	708.69	
			For Type 316 Stainless Steel Frame, Add	824.86	
			For Baked Enamel Finish, Add	151.14	
			For 18 Gauge Frame, Deduct	-38.72	
			For 14 Gauge Frame, Add	96.81	
			For 12 Gauge Frame, Add	147.15	
08 12 13 13-0078	EA		5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	643.83	121.62
			For Auxiliary Frame Reinforcement For Hinges, Add	60.09	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	48.07	
			For Type 304 Stainless Steel Frame, Add	733.24	
			For Type 316 Stainless Steel Frame, Add	853.42	
			For Baked Enamel Finish, Add	156.66	
			For 18 Gauge Frame, Deduct	-40.06	
			For 14 Gauge Frame, Add	100.15	
			For 12 Gauge Frame, Add	152.23	
08 12 13 13-0079	EA		5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	653.96	126.69
			For Auxiliary Frame Reinforcement For Hinges, Add	60.09	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	48.07	
			For Type 304 Stainless Steel Frame, Add	733.75	
			For Type 316 Stainless Steel Frame, Add	853.93	
			For Baked Enamel Finish, Add	158.18	
			For 18 Gauge Frame, Deduct	-40.06	
			For 14 Gauge Frame, Add	100.15	
			For 12 Gauge Frame, Add	152.23	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	665.70	129.22
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	61.09	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	48.87	
		<i>For Type 304 Stainless Steel Frame, Add</i>	746.01	
		<i>For Type 316 Stainless Steel Frame, Add</i>	868.19	
		<i>For Baked Enamel Finish, Add</i>	160.95	
		<i>For 18 Gauge Frame, Deduct</i>	-40.73	
		<i>For 14 Gauge Frame, Add</i>	101.82	
		<i>For 12 Gauge Frame, Add</i>	154.76	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	677.44	131.75
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.09	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	49.67	
		<i>For Type 304 Stainless Steel Frame, Add</i>	758.28	
		<i>For Type 316 Stainless Steel Frame, Add</i>	882.47	
		<i>For Baked Enamel Finish, Add</i>	163.71	
		<i>For 18 Gauge Frame, Deduct</i>	-41.40	
		<i>For 14 Gauge Frame, Add</i>	103.49	
		<i>For 12 Gauge Frame, Add</i>	157.30	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	709.21	134.29
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	66.10	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	52.88	
		<i>For Type 304 Stainless Steel Frame, Add</i>	806.60	
		<i>For Type 316 Stainless Steel Frame, Add</i>	938.79	
		<i>For Baked Enamel Finish, Add</i>	172.48	
		<i>For 18 Gauge Frame, Deduct</i>	-44.07	
		<i>For 14 Gauge Frame, Add</i>	110.16	
		<i>For 12 Gauge Frame, Add</i>	167.45	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	741.00	136.82
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	70.10	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	56.08	
		<i>For Type 304 Stainless Steel Frame, Add</i>	854.93	
		<i>For Type 316 Stainless Steel Frame, Add</i>	995.14	
		<i>For Baked Enamel Finish, Add</i>	181.25	
		<i>For 18 Gauge Frame, Deduct</i>	-46.74	
		<i>For 14 Gauge Frame, Add</i>	116.84	
		<i>For 12 Gauge Frame, Add</i>	177.60	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames

(08 12 13 13-0067)

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	463.59	76.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	46.74	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	37.39	
		<i>For Type 304 Stainless Steel Frame, Add</i>	568.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	661.90	
		<i>For Baked Enamel Finish, Add</i>	116.27	
		<i>For 18 Gauge Frame, Deduct</i>	-31.16	
		<i>For 14 Gauge Frame, Add</i>	77.89	
		<i>For 12 Gauge Frame, Add</i>	118.40	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	538.14	83.61
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	55.64	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	44.51	
		<i>For Type 304 Stainless Steel Frame, Add</i>	676.02	
		<i>For Type 316 Stainless Steel Frame, Add</i>	787.29	
		<i>For Baked Enamel Finish, Add</i>	136.36	
		<i>For 18 Gauge Frame, Deduct</i>	-37.09	
		<i>For 14 Gauge Frame, Add</i>	92.73	
		<i>For 12 Gauge Frame, Add</i>	140.95	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.21	88.68
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	56.53	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	45.22	
		<i>For Type 304 Stainless Steel Frame, Add</i>	687.22	
		<i>For Type 316 Stainless Steel Frame, Add</i>	800.27	
		<i>For Baked Enamel Finish, Add</i>	139.66	
		<i>For 18 Gauge Frame, Deduct</i>	-37.69	
		<i>For 14 Gauge Frame, Add</i>	94.22	
		<i>For 12 Gauge Frame, Add</i>	143.21	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.41	96.28
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	56.53	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	45.22	
		<i>For Type 304 Stainless Steel Frame, Add</i>	687.98	
		<i>For Type 316 Stainless Steel Frame, Add</i>	801.03	
		<i>For Baked Enamel Finish, Add</i>	141.94	
		<i>For 18 Gauge Frame, Deduct</i>	-37.69	
		<i>For 14 Gauge Frame, Add</i>	94.22	
		<i>For 12 Gauge Frame, Add</i>	143.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA	2'-10" x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 580.42	580.42	98.81
			For Auxiliary Frame Reinforcement For Hinges, Add	57.42	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	45.93	
			For Type 304 Stainless Steel Frame, Add	698.90	
			For Type 316 Stainless Steel Frame, Add	813.74	
			For Baked Enamel Finish, Add	144.48	
			For 18 Gauge Frame, Deduct	-38.28	
			For 14 Gauge Frame, Add	95.70	
			For 12 Gauge Frame, Add	145.46	
08 12 13 13-0090	EA	3' x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... 591.42	591.42	101.34
			For Auxiliary Frame Reinforcement For Hinges, Add	58.31	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	46.65	
			For Type 304 Stainless Steel Frame, Add	709.85	
			For Type 316 Stainless Steel Frame, Add	826.47	
			For Baked Enamel Finish, Add	147.02	
			For 18 Gauge Frame, Deduct	-38.87	
			For 14 Gauge Frame, Add	97.18	
			For 12 Gauge Frame, Add	147.72	
08 12 13 13-0091	EA	3'-4" x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 628.26	628.26	106.41
			For Auxiliary Frame Reinforcement For Hinges, Add	62.31	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	49.85	
			For Type 304 Stainless Steel Frame, Add	758.42	
			For Type 316 Stainless Steel Frame, Add	883.04	
			For Baked Enamel Finish, Add	156.55	
			For 18 Gauge Frame, Deduct	-41.54	
			For 14 Gauge Frame, Add	103.86	
			For 12 Gauge Frame, Add	157.86	
08 12 13 13-0092	EA	3'-6" x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 638.39	638.39	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	62.31	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	49.85	
			For Type 304 Stainless Steel Frame, Add	758.92	
			For Type 316 Stainless Steel Frame, Add	883.55	
			For Baked Enamel Finish, Add	158.07	
			For 18 Gauge Frame, Deduct	-41.54	
			For 14 Gauge Frame, Add	103.86	
			For 12 Gauge Frame, Add	157.86	
08 12 13 13-0093	EA	4' x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... 663.36	663.36	116.55
			For Auxiliary Frame Reinforcement For Hinges, Add	64.54	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	51.63	
			For Type 304 Stainless Steel Frame, Add	786.14	
			For Type 316 Stainless Steel Frame, Add	915.22	
			For Baked Enamel Finish, Add	164.04	
			For 18 Gauge Frame, Deduct	-43.03	
			For 14 Gauge Frame, Add	107.57	
			For 12 Gauge Frame, Add	163.50	
08 12 13 13-0094	EA	5' x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... 688.34	688.34	121.62
			For Auxiliary Frame Reinforcement For Hinges, Add	66.77	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	53.41	
			For Type 304 Stainless Steel Frame, Add	813.36	
			For Type 316 Stainless Steel Frame, Add	946.89	
			For Baked Enamel Finish, Add	170.02	
			For 18 Gauge Frame, Deduct	-44.51	
			For 14 Gauge Frame, Add	111.28	
			For 12 Gauge Frame, Add	169.14	
08 12 13 13-0095	EA	5'-4" x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 698.47	698.47	126.69
			For Auxiliary Frame Reinforcement For Hinges, Add	66.77	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	53.41	
			For Type 304 Stainless Steel Frame, Add	813.87	
			For Type 316 Stainless Steel Frame, Add	947.40	
			For Baked Enamel Finish, Add	171.54	
			For 18 Gauge Frame, Deduct	-44.51	
			For 14 Gauge Frame, Add	111.28	
			For 12 Gauge Frame, Add	169.14	
08 12 13 13-0096	EA	5'-8" x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 710.96	710.96	129.22
			For Auxiliary Frame Reinforcement For Hinges, Add	67.88	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	54.30	
			For Type 304 Stainless Steel Frame, Add	827.48	
			For Type 316 Stainless Steel Frame, Add	963.23	
			For Baked Enamel Finish, Add	174.52	
			For 18 Gauge Frame, Deduct	-45.25	
			For 14 Gauge Frame, Add	113.13	
			For 12 Gauge Frame, Add	171.96	
08 12 13 13-0097	EA	6' x >7'-2"	Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... 723.43	723.43	131.75
			For Auxiliary Frame Reinforcement For Hinges, Add	68.99	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	55.19	
			For Type 304 Stainless Steel Frame, Add	841.07	
			For Type 316 Stainless Steel Frame, Add	979.05	
			For Baked Enamel Finish, Add	177.51	
			For 18 Gauge Frame, Deduct	-45.99	
			For 14 Gauge Frame, Add	114.99	
			For 12 Gauge Frame, Add	174.78	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0098	EA		7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	758.17	134.29
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	73.44	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	58.75	
			<i>For Type 304 Stainless Steel Frame, Add</i>	894.73	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,041.61	
			<i>For Baked Enamel Finish, Add</i>	187.17	
			<i>For 18 Gauge Frame, Deduct</i>	-48.96	
			<i>For 14 Gauge Frame, Add</i>	122.40	
			<i>For 12 Gauge Frame, Add</i>	186.05	
08 12 13 13-0099	EA		8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	792.93	136.82
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	77.89	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	62.31	
			<i>For Type 304 Stainless Steel Frame, Add</i>	948.40	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,104.19	
			<i>For Baked Enamel Finish, Add</i>	196.83	
			<i>For 18 Gauge Frame, Deduct</i>	-51.93	
			<i>For 14 Gauge Frame, Add</i>	129.82	
			<i>For 12 Gauge Frame, Add</i>	197.33	
08 12 13 13-0100			6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101			6-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
08 12 13 13-0102	EA		2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	453.47	76.01
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	45.22	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	36.17	
			<i>For Type 304 Stainless Steel Frame, Add</i>	550.21	
			<i>For Type 316 Stainless Steel Frame, Add</i>	640.65	
			<i>For Baked Enamel Finish, Add</i>	113.24	
			<i>For 18 Gauge Frame, Deduct</i>	-30.15	
			<i>For 14 Gauge Frame, Add</i>	75.36	
			<i>For 12 Gauge Frame, Add</i>	114.55	
08 12 13 13-0103	EA		2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	526.09	83.61
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.83	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	43.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	654.33	
			<i>For Type 316 Stainless Steel Frame, Add</i>	761.99	
			<i>For Baked Enamel Finish, Add</i>	132.74	
			<i>For 18 Gauge Frame, Deduct</i>	-35.89	
			<i>For 14 Gauge Frame, Add</i>	89.72	
			<i>For 12 Gauge Frame, Add</i>	136.37	
08 12 13 13-0104	EA		2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.96	88.68
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	54.69	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	43.75	
			<i>For Type 304 Stainless Steel Frame, Add</i>	665.17	
			<i>For Type 316 Stainless Steel Frame, Add</i>	774.55	
			<i>For Baked Enamel Finish, Add</i>	135.99	
			<i>For 18 Gauge Frame, Deduct</i>	-36.46	
			<i>For 14 Gauge Frame, Add</i>	91.15	
			<i>For 12 Gauge Frame, Add</i>	138.55	
08 12 13 13-0105	EA		2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	557.16	96.28
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	54.69	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	43.75	
			<i>For Type 304 Stainless Steel Frame, Add</i>	665.93	
			<i>For Type 316 Stainless Steel Frame, Add</i>	775.31	
			<i>For Baked Enamel Finish, Add</i>	138.27	
			<i>For 18 Gauge Frame, Deduct</i>	-36.46	
			<i>For 14 Gauge Frame, Add</i>	91.15	
			<i>For 12 Gauge Frame, Add</i>	138.55	
08 12 13 13-0106	EA		2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	567.98	98.81
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	55.55	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	44.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	676.51	
			<i>For Type 316 Stainless Steel Frame, Add</i>	787.62	
			<i>For Baked Enamel Finish, Add</i>	140.75	
			<i>For 18 Gauge Frame, Deduct</i>	-37.04	
			<i>For 14 Gauge Frame, Add</i>	92.59	
			<i>For 12 Gauge Frame, Add</i>	140.73	
08 12 13 13-0107	EA		3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	578.78	101.34
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	56.41	
			<i>For Welded Frames, Add</i>	92.93	
			<i>For Galvanized Frames, Add</i>	45.13	
			<i>For Type 304 Stainless Steel Frame, Add</i>	687.10	
			<i>For Type 316 Stainless Steel Frame, Add</i>	799.92	
			<i>For Baked Enamel Finish, Add</i>	143.23	
			<i>For 18 Gauge Frame, Deduct</i>	-37.61	
			<i>For 14 Gauge Frame, Add</i>	94.02	
			<i>For 12 Gauge Frame, Add</i>	142.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA		3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	614.76	106.41
			For Auxiliary Frame Reinforcement For Hinges, Add	60.29	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	48.23	
			For Type 304 Stainless Steel Frame, Add	734.12	
			For Type 316 Stainless Steel Frame, Add	854.69	
			For Baked Enamel Finish, Add	152.50	
			For 18 Gauge Frame, Deduct	-40.19	
			For 14 Gauge Frame, Add	100.48	
			For 12 Gauge Frame, Add	152.73	
08 12 13 13-0109	EA		3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	624.89	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	60.29	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	48.23	
			For Type 304 Stainless Steel Frame, Add	734.62	
			For Type 316 Stainless Steel Frame, Add	855.20	
			For Baked Enamel Finish, Add	154.02	
			For 18 Gauge Frame, Deduct	-40.19	
			For 14 Gauge Frame, Add	100.48	
			For 12 Gauge Frame, Add	152.73	
08 12 13 13-0110	EA		4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	649.38	116.55
			For Auxiliary Frame Reinforcement For Hinges, Add	62.44	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	49.95	
			For Type 304 Stainless Steel Frame, Add	760.98	
			For Type 316 Stainless Steel Frame, Add	885.86	
			For Baked Enamel Finish, Add	159.85	
			For 18 Gauge Frame, Deduct	-41.63	
			For 14 Gauge Frame, Add	104.07	
			For 12 Gauge Frame, Add	158.19	
08 12 13 13-0111	EA		5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	673.87	121.62
			For Auxiliary Frame Reinforcement For Hinges, Add	64.60	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	51.68	
			For Type 304 Stainless Steel Frame, Add	787.31	
			For Type 316 Stainless Steel Frame, Add	916.51	
			For Baked Enamel Finish, Add	165.68	
			For 18 Gauge Frame, Deduct	-43.06	
			For 14 Gauge Frame, Add	107.66	
			For 12 Gauge Frame, Add	163.64	
08 12 13 13-0112	EA		5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	684.00	126.69
			For Auxiliary Frame Reinforcement For Hinges, Add	64.60	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	51.68	
			For Type 304 Stainless Steel Frame, Add	787.82	
			For Type 316 Stainless Steel Frame, Add	917.01	
			For Baked Enamel Finish, Add	167.20	
			For 18 Gauge Frame, Deduct	-43.06	
			For 14 Gauge Frame, Add	107.66	
			For 12 Gauge Frame, Add	163.64	
08 12 13 13-0113	EA		5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	696.25	129.22
			For Auxiliary Frame Reinforcement For Hinges, Add	65.67	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	52.54	
			For Type 304 Stainless Steel Frame, Add	801.00	
			For Type 316 Stainless Steel Frame, Add	932.34	
			For Baked Enamel Finish, Add	170.11	
			For 18 Gauge Frame, Deduct	-43.78	
			For 14 Gauge Frame, Add	109.46	
			For 12 Gauge Frame, Add	166.37	
08 12 13 13-0114	EA		6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	708.49	131.75
			For Auxiliary Frame Reinforcement For Hinges, Add	66.75	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	53.40	
			For Type 304 Stainless Steel Frame, Add	814.17	
			For Type 316 Stainless Steel Frame, Add	947.67	
			For Baked Enamel Finish, Add	173.02	
			For 18 Gauge Frame, Deduct	-44.50	
			For 14 Gauge Frame, Add	111.25	
			For 12 Gauge Frame, Add	169.10	
08 12 13 13-0115	EA		7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	742.26	134.29
			For Auxiliary Frame Reinforcement For Hinges, Add	71.06	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	56.84	
			For Type 304 Stainless Steel Frame, Add	866.09	
			For Type 316 Stainless Steel Frame, Add	1,008.20	
			For Baked Enamel Finish, Add	182.39	
			For 18 Gauge Frame, Deduct	-47.37	
			For 14 Gauge Frame, Add	118.43	
			For 12 Gauge Frame, Add	180.01	
08 12 13 13-0116	EA		8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	776.06	136.82
			For Auxiliary Frame Reinforcement For Hinges, Add	75.36	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	60.29	
			For Type 304 Stainless Steel Frame, Add	918.04	
			For Type 316 Stainless Steel Frame, Add	1,068.76	
			For Baked Enamel Finish, Add	191.77	
			For 18 Gauge Frame, Deduct	-50.24	
			For 14 Gauge Frame, Add	125.61	
			For 12 Gauge Frame, Add	190.92	

08 Openings

08 10 Doors And Frames

08 12 Metal Frames

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0117		>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames		
08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.96	76.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	50.24	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	40.19	
		<i>For Type 304 Stainless Steel Frame, Add</i>	610.49	
		<i>For Type 316 Stainless Steel Frame, Add</i>	710.98	
		<i>For Baked Enamel Finish, Add</i>	123.29	
		<i>For 18 Gauge Frame, Deduct</i>	-33.49	
		<i>For 14 Gauge Frame, Add</i>	83.74	
		<i>For 12 Gauge Frame, Add</i>	127.28	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	565.96	83.61
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.81	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	47.85	
		<i>For Type 304 Stainless Steel Frame, Add</i>	726.09	
		<i>For Type 316 Stainless Steel Frame, Add</i>	845.72	
		<i>For Baked Enamel Finish, Add</i>	144.71	
		<i>For 18 Gauge Frame, Deduct</i>	-39.87	
		<i>For 14 Gauge Frame, Add</i>	99.69	
		<i>For 12 Gauge Frame, Add</i>	151.52	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	582.47	88.68
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	60.77	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	48.61	
		<i>For Type 304 Stainless Steel Frame, Add</i>	738.08	
		<i>For Type 316 Stainless Steel Frame, Add</i>	859.62	
		<i>For Baked Enamel Finish, Add</i>	148.14	
		<i>For 18 Gauge Frame, Deduct</i>	-40.51	
		<i>For 14 Gauge Frame, Add</i>	101.28	
		<i>For 12 Gauge Frame, Add</i>	153.95	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	597.67	96.28
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	60.77	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	48.61	
		<i>For Type 304 Stainless Steel Frame, Add</i>	738.84	
		<i>For Type 316 Stainless Steel Frame, Add</i>	860.38	
		<i>For Baked Enamel Finish, Add</i>	150.42	
		<i>For 18 Gauge Frame, Deduct</i>	-40.51	
		<i>For 14 Gauge Frame, Add</i>	101.28	
		<i>For 12 Gauge Frame, Add</i>	153.95	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	609.13	98.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	61.73	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	49.38	
		<i>For Type 304 Stainless Steel Frame, Add</i>	750.58	
		<i>For Type 316 Stainless Steel Frame, Add</i>	874.03	
		<i>For Baked Enamel Finish, Add</i>	153.09	
		<i>For 18 Gauge Frame, Deduct</i>	-41.15	
		<i>For 14 Gauge Frame, Add</i>	102.88	
		<i>For 12 Gauge Frame, Add</i>	156.37	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	620.57	101.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	62.68	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	50.15	
		<i>For Type 304 Stainless Steel Frame, Add</i>	762.32	
		<i>For Type 316 Stainless Steel Frame, Add</i>	887.68	
		<i>For Baked Enamel Finish, Add</i>	155.77	
		<i>For 18 Gauge Frame, Deduct</i>	-41.79	
		<i>For 14 Gauge Frame, Add</i>	104.47	
		<i>For 12 Gauge Frame, Add</i>	158.79	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	659.42	106.41
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	66.99	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	53.59	
		<i>For Type 304 Stainless Steel Frame, Add</i>	814.50	
		<i>For Type 316 Stainless Steel Frame, Add</i>	948.48	
		<i>For Baked Enamel Finish, Add</i>	165.90	
		<i>For 18 Gauge Frame, Deduct</i>	-44.66	
		<i>For 14 Gauge Frame, Add</i>	111.65	
		<i>For 12 Gauge Frame, Add</i>	169.70	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	669.55	111.48
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	66.99	
		<i>For Welded Frames, Add</i>	92.93	
		<i>For Galvanized Frames, Add</i>	53.59	
		<i>For Type 304 Stainless Steel Frame, Add</i>	815.01	
		<i>For Type 316 Stainless Steel Frame, Add</i>	948.99	
		<i>For Baked Enamel Finish, Add</i>	167.42	
		<i>For 18 Gauge Frame, Deduct</i>	-44.66	
		<i>For 14 Gauge Frame, Add</i>	111.65	
		<i>For 12 Gauge Frame, Add</i>	169.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0126	EA		4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	695.63	116.55
			For Auxiliary Frame Reinforcement For Hinges, Add	69.38	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	55.50	
			For Type 304 Stainless Steel Frame, Add	844.23	
			For Type 316 Stainless Steel Frame, Add	982.99	
			For Baked Enamel Finish, Add	173.73	
			For 18 Gauge Frame, Deduct	-46.25	
			For 14 Gauge Frame, Add	115.64	
			For 12 Gauge Frame, Add	175.77	
08 12 13 13-0127	EA		5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	721.72	121.62
			For Auxiliary Frame Reinforcement For Hinges, Add	71.77	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	57.42	
			For Type 304 Stainless Steel Frame, Add	873.44	
			For Type 316 Stainless Steel Frame, Add	1,016.99	
			For Baked Enamel Finish, Add	180.03	
			For 18 Gauge Frame, Deduct	-47.85	
			For 14 Gauge Frame, Add	119.62	
			For 12 Gauge Frame, Add	181.83	
08 12 13 13-0128	EA		5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	731.85	126.69
			For Auxiliary Frame Reinforcement For Hinges, Add	71.77	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	57.42	
			For Type 304 Stainless Steel Frame, Add	873.95	
			For Type 316 Stainless Steel Frame, Add	1,017.50	
			For Baked Enamel Finish, Add	181.55	
			For 18 Gauge Frame, Deduct	-47.85	
			For 14 Gauge Frame, Add	119.62	
			For 12 Gauge Frame, Add	181.83	
08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	744.89	129.22
			For Auxiliary Frame Reinforcement For Hinges, Add	72.97	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	58.38	
			For Type 304 Stainless Steel Frame, Add	888.55	
			For Type 316 Stainless Steel Frame, Add	1,034.49	
			For Baked Enamel Finish, Add	184.70	
			For 18 Gauge Frame, Deduct	-48.65	
			For 14 Gauge Frame, Add	121.62	
			For 12 Gauge Frame, Add	184.85	
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	757.93	131.75
			For Auxiliary Frame Reinforcement For Hinges, Add	74.17	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	59.33	
			For Type 304 Stainless Steel Frame, Add	903.17	
			For Type 316 Stainless Steel Frame, Add	1,051.50	
			For Baked Enamel Finish, Add	187.86	
			For 18 Gauge Frame, Deduct	-49.44	
			For 14 Gauge Frame, Add	123.61	
			For 12 Gauge Frame, Add	187.89	
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	794.89	134.29
			For Auxiliary Frame Reinforcement For Hinges, Add	78.95	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	63.16	
			For Type 304 Stainless Steel Frame, Add	960.82	
			For Type 316 Stainless Steel Frame, Add	1,118.72	
			For Baked Enamel Finish, Add	198.18	
			For 18 Gauge Frame, Deduct	-52.63	
			For 14 Gauge Frame, Add	131.58	
			For 12 Gauge Frame, Add	200.01	
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	831.88	136.82
			For Auxiliary Frame Reinforcement For Hinges, Add	83.74	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	66.99	
			For Type 304 Stainless Steel Frame, Add	1,018.51	
			For Type 316 Stainless Steel Frame, Add	1,185.99	
			For Baked Enamel Finish, Add	208.52	
			For 18 Gauge Frame, Deduct	-55.82	
			For 14 Gauge Frame, Add	139.56	
			For 12 Gauge Frame, Add	212.13	
08 12 13 13-0133			8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0134			6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0133)</small>		
08 12 13 13-0135	EA		2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	467.49	76.01
			For Auxiliary Frame Reinforcement For Hinges, Add	47.32	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	37.86	
			For Type 304 Stainless Steel Frame, Add	575.45	
			For Type 316 Stainless Steel Frame, Add	670.09	
			For Baked Enamel Finish, Add	117.44	
			For 18 Gauge Frame, Deduct	-31.55	
			For 14 Gauge Frame, Add	78.87	
			For 12 Gauge Frame, Add	119.88	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	542.78	83.61
		For Auxiliary Frame Reinforcement For Hinges, Add	56.33	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	45.07	
		For Type 304 Stainless Steel Frame, Add	684.37	
		For Type 316 Stainless Steel Frame, Add	797.04	
		For Baked Enamel Finish, Add	137.75	
		For 18 Gauge Frame, Deduct	-37.56	
		For 14 Gauge Frame, Add	93.89	
		For 12 Gauge Frame, Add	142.71	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	558.92	88.68
		For Auxiliary Frame Reinforcement For Hinges, Add	57.24	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	45.79	
		For Type 304 Stainless Steel Frame, Add	695.69	
		For Type 316 Stainless Steel Frame, Add	810.16	
		For Baked Enamel Finish, Add	141.07	
		For 18 Gauge Frame, Deduct	-38.16	
		For 14 Gauge Frame, Add	95.39	
		For 12 Gauge Frame, Add	145.00	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	574.12	96.28
		For Auxiliary Frame Reinforcement For Hinges, Add	57.24	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	45.79	
		For Type 304 Stainless Steel Frame, Add	696.45	
		For Type 316 Stainless Steel Frame, Add	810.92	
		For Baked Enamel Finish, Add	143.35	
		For 18 Gauge Frame, Deduct	-38.16	
		For 14 Gauge Frame, Add	95.39	
		For 12 Gauge Frame, Add	145.00	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	585.21	98.81
		For Auxiliary Frame Reinforcement For Hinges, Add	58.14	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	46.51	
		For Type 304 Stainless Steel Frame, Add	707.53	
		For Type 316 Stainless Steel Frame, Add	823.80	
		For Baked Enamel Finish, Add	145.92	
		For 18 Gauge Frame, Deduct	-38.76	
		For 14 Gauge Frame, Add	96.90	
		For 12 Gauge Frame, Add	147.28	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	596.28	101.34
		For Auxiliary Frame Reinforcement For Hinges, Add	59.04	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	47.23	
		For Type 304 Stainless Steel Frame, Add	718.60	
		For Type 316 Stainless Steel Frame, Add	836.67	
		For Baked Enamel Finish, Add	148.48	
		For 18 Gauge Frame, Deduct	-39.36	
		For 14 Gauge Frame, Add	98.40	
		For 12 Gauge Frame, Add	149.56	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	633.46	106.41
		For Auxiliary Frame Reinforcement For Hinges, Add	63.09	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	50.48	
		For Type 304 Stainless Steel Frame, Add	767.78	
		For Type 316 Stainless Steel Frame, Add	893.96	
		For Baked Enamel Finish, Add	158.11	
		For 18 Gauge Frame, Deduct	-42.06	
		For 14 Gauge Frame, Add	105.16	
		For 12 Gauge Frame, Add	159.84	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	643.59	111.48
		For Auxiliary Frame Reinforcement For Hinges, Add	63.09	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	50.48	
		For Type 304 Stainless Steel Frame, Add	768.28	
		For Type 316 Stainless Steel Frame, Add	894.47	
		For Baked Enamel Finish, Add	159.63	
		For 18 Gauge Frame, Deduct	-42.06	
		For 14 Gauge Frame, Add	105.16	
		For 12 Gauge Frame, Add	159.84	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	668.74	116.55
		For Auxiliary Frame Reinforcement For Hinges, Add	65.35	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	52.28	
		For Type 304 Stainless Steel Frame, Add	795.82	
		For Type 316 Stainless Steel Frame, Add	926.52	
		For Baked Enamel Finish, Add	165.66	
		For 18 Gauge Frame, Deduct	-43.57	
		For 14 Gauge Frame, Add	108.91	
		For 12 Gauge Frame, Add	165.55	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	693.90	121.62
		For Auxiliary Frame Reinforcement For Hinges, Add	67.60	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	54.08	
		For Type 304 Stainless Steel Frame, Add	823.37	
		For Type 316 Stainless Steel Frame, Add	958.57	
		For Baked Enamel Finish, Add	171.69	
		For 18 Gauge Frame, Deduct	-45.07	
		For 14 Gauge Frame, Add	112.67	
		For 12 Gauge Frame, Add	171.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	704.03	126.69
			For Auxiliary Frame Reinforcement For Hinges, Add	67.60	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	54.08	
			For Type 304 Stainless Steel Frame, Add	823.87	
			For Type 316 Stainless Steel Frame, Add	959.08	
			For Baked Enamel Finish, Add	173.21	
			For 18 Gauge Frame, Deduct	-45.07	
			For 14 Gauge Frame, Add	112.67	
			For 12 Gauge Frame, Add	171.25	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	716.61	129.22
			For Auxiliary Frame Reinforcement For Hinges, Add	68.73	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	54.98	
			For Type 304 Stainless Steel Frame, Add	837.65	
			For Type 316 Stainless Steel Frame, Add	975.10	
			For Baked Enamel Finish, Add	176.22	
			For 18 Gauge Frame, Deduct	-45.82	
			For 14 Gauge Frame, Add	114.55	
			For 12 Gauge Frame, Add	174.11	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	729.18	131.75
			For Auxiliary Frame Reinforcement For Hinges, Add	69.85	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	55.88	
			For Type 304 Stainless Steel Frame, Add	851.42	
			For Type 316 Stainless Steel Frame, Add	991.12	
			For Baked Enamel Finish, Add	179.23	
			For 18 Gauge Frame, Deduct	-46.57	
			For 14 Gauge Frame, Add	116.42	
			For 12 Gauge Frame, Add	176.96	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	764.29	134.29
			For Auxiliary Frame Reinforcement For Hinges, Add	74.36	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	59.49	
			For Type 304 Stainless Steel Frame, Add	905.74	
			For Type 316 Stainless Steel Frame, Add	1,054.46	
			For Baked Enamel Finish, Add	189.00	
			For 18 Gauge Frame, Deduct	-49.57	
			For 14 Gauge Frame, Add	123.93	
			For 12 Gauge Frame, Add	188.38	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	799.42	136.82
			For Auxiliary Frame Reinforcement For Hinges, Add	78.87	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	63.09	
			For Type 304 Stainless Steel Frame, Add	960.09	
			For Type 316 Stainless Steel Frame, Add	1,117.82	
			For Baked Enamel Finish, Add	198.78	
			For 18 Gauge Frame, Deduct	-52.58	
			For 14 Gauge Frame, Add	131.45	
			For 12 Gauge Frame, Add	199.80	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)

08 12 13 13-0151	EA		2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.54	76.01
			For Auxiliary Frame Reinforcement For Hinges, Add	52.58	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	42.06	
			For Type 304 Stainless Steel Frame, Add	638.54	
			For Type 316 Stainless Steel Frame, Add	743.69	
			For Baked Enamel Finish, Add	127.96	
			For 18 Gauge Frame, Deduct	-35.05	
			For 14 Gauge Frame, Add	87.63	
			For 12 Gauge Frame, Add	133.20	
08 12 13 13-0152	EA		2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	584.51	83.61
			For Auxiliary Frame Reinforcement For Hinges, Add	62.59	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	50.07	
			For Type 304 Stainless Steel Frame, Add	759.48	
			For Type 316 Stainless Steel Frame, Add	884.67	
			For Baked Enamel Finish, Add	150.27	
			For 18 Gauge Frame, Deduct	-41.73	
			For 14 Gauge Frame, Add	104.32	
			For 12 Gauge Frame, Add	158.57	
08 12 13 13-0153	EA		2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	601.31	88.68
			For Auxiliary Frame Reinforcement For Hinges, Add	63.59	
			For Welded Frames, Add	92.93	
			For Galvanized Frames, Add	50.88	
			For Type 304 Stainless Steel Frame, Add	772.00	
			For Type 316 Stainless Steel Frame, Add	899.18	
			For Baked Enamel Finish, Add	153.79	
			For 18 Gauge Frame, Deduct	-42.40	
			For 14 Gauge Frame, Add	105.99	
			For 12 Gauge Frame, Add	161.10	

08 Openings
08 10 Doors And Frames
08 12 Metal Frames

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	616.51	96.28
		For Auxiliary Frame Reinforcement For Hinges, Add	63.59	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	50.88	
		For Type 304 Stainless Steel Frame, Add	772.76	
		For Type 316 Stainless Steel Frame, Add	899.94	
		For Baked Enamel Finish, Add	156.07	
		For 18 Gauge Frame, Deduct	-42.40	
		For 14 Gauge Frame, Add	105.99	
		For 12 Gauge Frame, Add	161.10	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	628.27	98.81
		For Auxiliary Frame Reinforcement For Hinges, Add	64.60	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	51.68	
		For Type 304 Stainless Steel Frame, Add	785.03	
		For Type 316 Stainless Steel Frame, Add	914.23	
		For Baked Enamel Finish, Add	158.84	
		For 18 Gauge Frame, Deduct	-43.06	
		For 14 Gauge Frame, Add	107.66	
		For 12 Gauge Frame, Add	163.64	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	640.01	101.34
		For Auxiliary Frame Reinforcement For Hinges, Add	65.60	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	52.48	
		For Type 304 Stainless Steel Frame, Add	797.31	
		For Type 316 Stainless Steel Frame, Add	928.51	
		For Baked Enamel Finish, Add	161.60	
		For 18 Gauge Frame, Deduct	-43.73	
		For 14 Gauge Frame, Add	109.33	
		For 12 Gauge Frame, Add	166.18	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	680.19	106.41
		For Auxiliary Frame Reinforcement For Hinges, Add	70.10	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	56.08	
		For Type 304 Stainless Steel Frame, Add	851.89	
		For Type 316 Stainless Steel Frame, Add	992.10	
		For Baked Enamel Finish, Add	172.13	
		For 18 Gauge Frame, Deduct	-46.74	
		For 14 Gauge Frame, Add	116.84	
		For 12 Gauge Frame, Add	177.60	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	690.32	111.48
		For Auxiliary Frame Reinforcement For Hinges, Add	70.10	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	56.08	
		For Type 304 Stainless Steel Frame, Add	852.40	
		For Type 316 Stainless Steel Frame, Add	992.60	
		For Baked Enamel Finish, Add	173.65	
		For 18 Gauge Frame, Deduct	-46.74	
		For 14 Gauge Frame, Add	116.84	
		For 12 Gauge Frame, Add	177.60	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	717.14	116.55
		For Auxiliary Frame Reinforcement For Hinges, Add	72.61	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	58.09	
		For Type 304 Stainless Steel Frame, Add	882.94	
		For Type 316 Stainless Steel Frame, Add	1,028.16	
		For Baked Enamel Finish, Add	180.18	
		For 18 Gauge Frame, Deduct	-48.41	
		For 14 Gauge Frame, Add	121.01	
		For 12 Gauge Frame, Add	183.94	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	743.98	121.62
		For Auxiliary Frame Reinforcement For Hinges, Add	75.11	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	60.09	
		For Type 304 Stainless Steel Frame, Add	913.51	
		For Type 316 Stainless Steel Frame, Add	1,063.74	
		For Baked Enamel Finish, Add	186.71	
		For 18 Gauge Frame, Deduct	-50.08	
		For 14 Gauge Frame, Add	125.19	
		For 12 Gauge Frame, Add	190.29	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	754.11	126.69
		For Auxiliary Frame Reinforcement For Hinges, Add	75.11	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	60.09	
		For Type 304 Stainless Steel Frame, Add	914.02	
		For Type 316 Stainless Steel Frame, Add	1,064.24	
		For Baked Enamel Finish, Add	188.23	
		For 18 Gauge Frame, Deduct	-50.08	
		For 14 Gauge Frame, Add	125.19	
		For 12 Gauge Frame, Add	190.29	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	767.52	129.22
		For Auxiliary Frame Reinforcement For Hinges, Add	76.36	
		For Welded Frames, Add	92.93	
		For Galvanized Frames, Add	61.09	
		For Type 304 Stainless Steel Frame, Add	929.28	
		For Type 316 Stainless Steel Frame, Add	1,082.01	
		For Baked Enamel Finish, Add	191.49	
		For 18 Gauge Frame, Deduct	-50.91	
		For 14 Gauge Frame, Add	127.27	
		For 12 Gauge Frame, Add	193.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0163 EA 6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	780.93	131.75
For Auxiliary Frame Reinforcement For Hinges, Add	77.62	
For Welded Frames, Add	92.93	
For Galvanized Frames, Add	62.09	
For Type 304 Stainless Steel Frame, Add	944.57	
For Type 316 Stainless Steel Frame, Add	1,099.80	
For Baked Enamel Finish, Add	194.76	
For 18 Gauge Frame, Deduct	-51.74	
For 14 Gauge Frame, Add	129.36	
For 12 Gauge Frame, Add	196.63	
08 12 13 13-0164 EA 7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	819.37	134.29
For Auxiliary Frame Reinforcement For Hinges, Add	82.62	
For Welded Frames, Add	92.93	
For Galvanized Frames, Add	66.10	
For Type 304 Stainless Steel Frame, Add	1,004.89	
For Type 316 Stainless Steel Frame, Add	1,170.13	
For Baked Enamel Finish, Add	205.53	
For 18 Gauge Frame, Deduct	-55.08	
For 14 Gauge Frame, Add	137.70	
For 12 Gauge Frame, Add	209.31	
08 12 13 13-0165 EA 8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	857.84	136.82
For Auxiliary Frame Reinforcement For Hinges, Add	87.63	
For Welded Frames, Add	92.93	
For Galvanized Frames, Add	70.10	
For Type 304 Stainless Steel Frame, Add	1,065.24	
For Type 316 Stainless Steel Frame, Add	1,240.50	
For Baked Enamel Finish, Add	216.31	
For 18 Gauge Frame, Deduct	-58.42	
For 14 Gauge Frame, Add	146.05	
For 12 Gauge Frame, Add	222.00	
08 12 13 13-0166 Sidelights And Transoms <small>(08 12 13 13)</small>		
Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167 Fixed Steel Transoms <small>(08 12 13 13-0166)</small>		
Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168 SF 4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	56.75	14.18
For Movable Frame, Add	11.35	
For 18 Gauge Frame, Deduct	-2.84	
For 14 Gauge Frame, Add	7.09	
For 12 Gauge Frame, Add	10.78	
08 12 13 13-0169 SF 5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	59.16	14.70
For Movable Frame, Add	11.83	
For 18 Gauge Frame, Deduct	-2.98	
For 14 Gauge Frame, Add	7.44	
For 12 Gauge Frame, Add	11.31	
08 12 13 13-0170 SF 6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	61.66	15.20
For Movable Frame, Add	12.33	
For 18 Gauge Frame, Deduct	-3.13	
For 14 Gauge Frame, Add	7.82	
For 12 Gauge Frame, Add	11.88	
08 12 13 13-0171 Operable Steel Transom Sash <small>(08 12 13 13-0166)</small>		
Note: Includes hardware.		
08 12 13 13-0172 SF 4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	75.91	14.18
For 18 Gauge Frame, Deduct	-4.75	
For 14 Gauge Frame, Add	11.88	
For 12 Gauge Frame, Add	18.06	
08 12 13 13-0173 SF 5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	79.31	14.70
For 18 Gauge Frame, Deduct	-4.99	
For 14 Gauge Frame, Add	12.48	
For 12 Gauge Frame, Add	18.97	
08 12 13 13-0174 SF 6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	82.81	15.20
For 18 Gauge Frame, Deduct	-5.24	
For 14 Gauge Frame, Add	13.10	
For 12 Gauge Frame, Add	19.92	
08 12 13 13-0175 Sidelights, Steel Frame <small>(08 12 13 13-0166)</small>		
Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176 SF 4-3/4" Deep Sidelights, 16 Gauge Frame.....	58.87	14.18
For 18 Gauge Frame, Deduct	-3.05	
For 14 Gauge Frame, Add	7.62	
For 12 Gauge Frame, Add	11.59	
08 12 13 13-0177 SF 5-3/4" Deep Sidelights, 16 Gauge Frame.....	61.40	14.70
For 18 Gauge Frame, Deduct	-3.20	
For 14 Gauge Frame, Add	8.00	
For 12 Gauge Frame, Add	12.16	
08 12 13 13-0178 SF 6-3/4" Deep Sidelights, 16 Gauge Frame.....	64.00	15.20
For 18 Gauge Frame, Deduct	-3.36	
For 14 Gauge Frame, Add	8.40	
For 12 Gauge Frame, Add	12.77	
08 12 13 13-0179 Sundry Hollow Metal Frame Sections <small>(08 12 13 13)</small>		
Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180 16 Gauge, Hollow Metal Frame Vertical Mullions <small>(08 12 13 13-0179)</small>		

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	33.81	5.68
		<i>For 18 Gauge Frame, Deduct</i>	-1.95	
		<i>For 14 Gauge Frame, Add</i>	4.88	
		<i>For 12 Gauge Frame, Add</i>	7.42	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	34.60	5.68
		<i>For 18 Gauge Frame, Deduct</i>	-2.03	
		<i>For 14 Gauge Frame, Add</i>	5.08	
		<i>For 12 Gauge Frame, Add</i>	7.72	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	34.22	5.88
		<i>For 18 Gauge Frame, Deduct</i>	-1.95	
		<i>For 14 Gauge Frame, Add</i>	4.88	
		<i>For 12 Gauge Frame, Add</i>	7.42	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	35.44	5.88
		<i>For 18 Gauge Frame, Deduct</i>	-2.08	
		<i>For 14 Gauge Frame, Add</i>	5.19	
		<i>For 12 Gauge Frame, Add</i>	7.89	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	35.53	5.98
		<i>For 18 Gauge Frame, Deduct</i>	-2.05	
		<i>For 14 Gauge Frame, Add</i>	5.13	
		<i>For 12 Gauge Frame, Add</i>	7.79	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	35.99	5.98
		<i>For 18 Gauge Frame, Deduct</i>	-2.10	
		<i>For 14 Gauge Frame, Add</i>	5.24	
		<i>For 12 Gauge Frame, Add</i>	7.97	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0187		16 Gauge, Hollow Metal Frame Horizontal Rails (08 12 13 13-0179)		
08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	24.04	5.68
		<i>For 18 Gauge Frame, Deduct</i>	-0.98	
		<i>For 14 Gauge Frame, Add</i>	2.44	
		<i>For 12 Gauge Frame, Add</i>	3.71	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	25.04	5.68
		<i>For 18 Gauge Frame, Deduct</i>	-1.08	
		<i>For 14 Gauge Frame, Add</i>	2.69	
		<i>For 12 Gauge Frame, Add</i>	4.09	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	24.45	5.88
		<i>For 18 Gauge Frame, Deduct</i>	-0.98	
		<i>For 14 Gauge Frame, Add</i>	2.44	
		<i>For 12 Gauge Frame, Add</i>	3.71	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	25.45	5.88
		<i>For 18 Gauge Frame, Deduct</i>	-1.08	
		<i>For 14 Gauge Frame, Add</i>	2.69	
		<i>For 12 Gauge Frame, Add</i>	4.09	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	25.28	5.98
		<i>For 18 Gauge Frame, Deduct</i>	-1.03	
		<i>For 14 Gauge Frame, Add</i>	2.57	
		<i>For 12 Gauge Frame, Add</i>	3.90	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	26.14	5.98
		<i>For 18 Gauge Frame, Deduct</i>	-1.11	
		<i>For 14 Gauge Frame, Add</i>	2.78	
		<i>For 12 Gauge Frame, Add</i>	4.23	
		<i>For 3 Hour Frame, Add</i>	8.00	
		<i>For 1-1/2 Hour Frame, Add</i>	5.00	
		<i>For 3/4 Hour Frame, Add</i>	4.00	

08 12 13 13-0194 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions (08 12 13 13-0179)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 13 13-0195	EA		4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	874.40 -77.51 193.77 294.53	39.73
08 12 13 13-0196	EA		4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	905.31 -80.60 201.50 306.28	39.73
08 12 13 13-0197	EA		5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	1,002.20 -89.98 224.96 341.94 56.00 36.00 28.00	41.55
08 12 13 13-0198	EA		5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	1,029.80 -92.74 231.86 352.43 56.00 36.00 28.00	41.55
08 12 13 13-0199	EA		6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	1,164.14 -105.77 264.43 401.94 56.00 36.00 28.00	42.56
08 12 13 13-0200	EA		6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	1,182.91 -107.65 269.13 409.07 56.00 36.00 28.00	42.56

08 12 13 13-0201	Metal Frames Accessories <small>(08 12 13 13)</small>				
08 12 13 13-0202	EA		For 1' Extension Of New Door Frame	35.05	

08 12 16 Aluminum Frames (08 12)

08 12 16 00-0001	Two Piece Aluminum Door Frames <small>(08 12 16)</small>				
08 12 16 00-0002	4-1/8" x 3/8" Two Piece Aluminum Door Frames <small>(08 12 16 00-0001)</small>				
08 12 16 00-0003	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	1,848.96	55.74
08 12 16 00-0004	EA		Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	1,848.96	55.74
08 12 16 00-0005	4-3/4" x 1-3/8" Two Piece Aluminum Door Frames <small>(08 12 16 00-0001)</small>				
08 12 16 00-0006	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....	1,848.96	55.74
08 12 16 00-0007	EA		Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	1,848.96	55.74

08 13 Metal Doors (08 10)
Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors (08 13)

08 13 13 13 Standard Hollow Metal Doors (08 13 13)
Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001	20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13)</small>				
08 13 13 13-0002	6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0001)</small>				
08 13 13 13-0003	EA		2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	561.74	55.74
			<i>For Galvanized Steel Door, Add</i>	90.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	360.21	
			<i>For Type 316 Stainless Steel Door, Add</i>	585.34	
			<i>For Embossed Panel Door, Add</i>	108.06	
			<i>For Baked Enamel Finish, Add</i>	151.80	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-30.87	
			<i>For >100, Deduct</i>	-44.92	
			<i>For Polystyrene Core, Add</i>	45.03	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	112.57	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	56.28	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0004	EA		2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	561.74	55.74
			For Galvanized Steel Door, Add	90.05	
			For Type 304 Stainless Steel Door, Add	360.21	
			For Type 316 Stainless Steel Door, Add	585.34	
			For Embossed Panel Door, Add	108.06	
			For Baked Enamel Finish, Add	151.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-30.87	
			For >100, Deduct	-44.92	
			For Polystyrene Core, Add	45.03	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	112.57	
			For Continuously Welded And Filled Vertical Edge Seam, Add	56.28	
08 13 13 13-0005	EA		2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	576.02	58.28
			For Galvanized Steel Door, Add	91.89	
			For Type 304 Stainless Steel Door, Add	367.58	
			For Type 316 Stainless Steel Door, Add	597.31	
			For Embossed Panel Door, Add	110.27	
			For Baked Enamel Finish, Add	155.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-31.71	
			For >100, Deduct	-46.12	
			For Polystyrene Core, Add	45.95	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	114.87	
			For Continuously Welded And Filled Vertical Edge Seam, Add	57.43	
08 13 13 13-0006	EA		2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	582.88	58.28
			For Galvanized Steel Door, Add	93.27	
			For Type 304 Stainless Steel Door, Add	373.06	
			For Type 316 Stainless Steel Door, Add	606.23	
			For Embossed Panel Door, Add	111.92	
			For Baked Enamel Finish, Add	157.38	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.06	
			For >100, Deduct	-46.63	
			For Polystyrene Core, Add	46.63	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	116.58	
			For Continuously Welded And Filled Vertical Edge Seam, Add	58.29	
08 13 13 13-0007	EA		2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	588.16	59.54
			For Galvanized Steel Door, Add	93.81	
			For Type 304 Stainless Steel Door, Add	375.26	
			For Type 316 Stainless Steel Door, Add	609.79	
			For Embossed Panel Door, Add	112.58	
			For Baked Enamel Finish, Add	158.58	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.39	
			For >100, Deduct	-47.09	
			For Polystyrene Core, Add	46.91	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	58.63	
08 13 13 13-0008	EA		3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	593.43	60.81
			For Galvanized Steel Door, Add	94.36	
			For Type 304 Stainless Steel Door, Add	377.45	
			For Type 316 Stainless Steel Door, Add	613.35	
			For Embossed Panel Door, Add	113.23	
			For Baked Enamel Finish, Add	159.79	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.71	
			For >100, Deduct	-47.55	
			For Polystyrene Core, Add	47.18	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.95	
			For Continuously Welded And Filled Vertical Edge Seam, Add	58.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0009	EA		3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	629.09	60.81
			<i>For Galvanized Steel Door, Add</i>	101.49	
			<i>For Type 304 Stainless Steel Door, Add</i>	405.98	
			<i>For Type 316 Stainless Steel Door, Add</i>	659.71	
			<i>For Embossed Panel Door, Add</i>	121.79	
			<i>For Baked Enamel Finish, Add</i>	170.48	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-34.50	
			<i>For >100, Deduct</i>	-50.22	
			<i>For Polystyrene Core, Add</i>	50.75	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	126.87	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	63.43	
08 13 13 13-0010	EA		3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	647.88	63.34
			<i>For Galvanized Steel Door, Add</i>	104.24	
			<i>For Type 304 Stainless Steel Door, Add</i>	416.95	
			<i>For Type 316 Stainless Steel Door, Add</i>	677.55	
			<i>For Embossed Panel Door, Add</i>	125.09	
			<i>For Baked Enamel Finish, Add</i>	175.36	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-35.56	
			<i>For >100, Deduct</i>	-51.76	
			<i>For Polystyrene Core, Add</i>	52.12	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	130.30	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	65.15	
08 13 13 13-0011	EA		4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	712.87	68.41
			<i>For Galvanized Steel Door, Add</i>	115.21	
			<i>For Type 304 Stainless Steel Door, Add</i>	460.84	
			<i>For Type 316 Stainless Steel Door, Add</i>	748.87	
			<i>For Embossed Panel Door, Add</i>	138.25	
			<i>For Baked Enamel Finish, Add</i>	193.34	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-39.06	
			<i>For >100, Deduct</i>	-56.89	
			<i>For Polystyrene Core, Add</i>	57.61	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	144.01	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	72.01	
08 13 13 13-0012			7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
08 13 13 13-0013	EA		2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	573.54	55.74
			<i>For Galvanized Steel Door, Add</i>	92.41	
			<i>For Type 304 Stainless Steel Door, Add</i>	369.65	
			<i>For Type 316 Stainless Steel Door, Add</i>	600.68	
			<i>For Embossed Panel Door, Add</i>	110.89	
			<i>For Baked Enamel Finish, Add</i>	155.34	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-31.46	
			<i>For >100, Deduct</i>	-45.80	
			<i>For Polystyrene Core, Add</i>	46.21	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	115.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	57.76	
08 13 13 13-0014	EA		2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	573.54	55.74
			<i>For Galvanized Steel Door, Add</i>	92.41	
			<i>For Type 304 Stainless Steel Door, Add</i>	369.65	
			<i>For Type 316 Stainless Steel Door, Add</i>	600.68	
			<i>For Embossed Panel Door, Add</i>	110.89	
			<i>For Baked Enamel Finish, Add</i>	155.34	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-31.46	
			<i>For >100, Deduct</i>	-45.80	
			<i>For Polystyrene Core, Add</i>	46.21	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	115.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	57.76	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	588.06	58.28
		For Galvanized Steel Door, Add	94.30	
		For Type 304 Stainless Steel Door, Add	377.21	
		For Type 316 Stainless Steel Door, Add	612.96	
		For Embossed Panel Door, Add	113.16	
		For Baked Enamel Finish, Add	158.94	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-32.32	
		For >100, Deduct	-47.02	
		For Polystyrene Core, Add	47.15	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.88	
		For Continuously Welded And Filled Vertical Edge Seam, Add	58.94	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	595.09	58.28
		For Galvanized Steel Door, Add	95.71	
		For Type 304 Stainless Steel Door, Add	382.83	
		For Type 316 Stainless Steel Door, Add	622.10	
		For Embossed Panel Door, Add	114.85	
		For Baked Enamel Finish, Add	161.04	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-32.67	
		For >100, Deduct	-47.55	
		For Polystyrene Core, Add	47.85	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	119.64	
		For Continuously Welded And Filled Vertical Edge Seam, Add	59.82	
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	600.45	59.54
		For Galvanized Steel Door, Add	96.27	
		For Type 304 Stainless Steel Door, Add	385.09	
		For Type 316 Stainless Steel Door, Add	625.77	
		For Embossed Panel Door, Add	115.53	
		For Baked Enamel Finish, Add	162.27	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.00	
		For >100, Deduct	-48.01	
		For Polystyrene Core, Add	48.14	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	120.34	
		For Continuously Welded And Filled Vertical Edge Seam, Add	60.17	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	605.79	60.81
		For Galvanized Steel Door, Add	96.83	
		For Type 304 Stainless Steel Door, Add	387.34	
		For Type 316 Stainless Steel Door, Add	629.42	
		For Embossed Panel Door, Add	116.20	
		For Baked Enamel Finish, Add	163.49	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.33	
		For >100, Deduct	-48.47	
		For Polystyrene Core, Add	48.42	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	121.04	
		For Continuously Welded And Filled Vertical Edge Seam, Add	60.52	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	642.39	60.81
		For Galvanized Steel Door, Add	104.15	
		For Type 304 Stainless Steel Door, Add	416.62	
		For Type 316 Stainless Steel Door, Add	677.00	
		For Embossed Panel Door, Add	124.98	
		For Baked Enamel Finish, Add	174.47	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-35.16	
		For >100, Deduct	-51.22	
		For Polystyrene Core, Add	52.08	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	130.19	
		For Continuously Welded And Filled Vertical Edge Seam, Add	65.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0020	EA		3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	661.53	63.34
			<i>For Galvanized Steel Door, Add</i>	106.97	
			<i>For Type 304 Stainless Steel Door, Add</i>	427.87	
			<i>For Type 316 Stainless Steel Door, Add</i>	695.29	
			<i>For Embossed Panel Door, Add</i>	128.36	
			<i>For Baked Enamel Finish, Add</i>	179.46	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-36.24	
			<i>For >100, Deduct</i>	-52.78	
			<i>For Polystyrene Core, Add</i>	53.48	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	133.71	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	66.86	
08 13 13 13-0021	EA		4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	727.96	68.41
			<i>For Galvanized Steel Door, Add</i>	118.23	
			<i>For Type 304 Stainless Steel Door, Add</i>	472.91	
			<i>For Type 316 Stainless Steel Door, Add</i>	768.48	
			<i>For Embossed Panel Door, Add</i>	141.87	
			<i>For Baked Enamel Finish, Add</i>	197.87	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-39.82	
			<i>For >100, Deduct</i>	-58.02	
			<i>For Polystyrene Core, Add</i>	59.11	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	147.79	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	73.89	
08 13 13 13-0022			7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
08 13 13 13-0023	EA		2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	585.00	55.74
			<i>For Galvanized Steel Door, Add</i>	94.70	
			<i>For Type 304 Stainless Steel Door, Add</i>	378.82	
			<i>For Type 316 Stainless Steel Door, Add</i>	615.58	
			<i>For Embossed Panel Door, Add</i>	113.64	
			<i>For Baked Enamel Finish, Add</i>	158.78	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.04	
			<i>For >100, Deduct</i>	-46.66	
			<i>For Polystyrene Core, Add</i>	47.35	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	118.38	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	59.19	
08 13 13 13-0024	EA		2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	585.00	55.74
			<i>For Galvanized Steel Door, Add</i>	94.70	
			<i>For Type 304 Stainless Steel Door, Add</i>	378.82	
			<i>For Type 316 Stainless Steel Door, Add</i>	615.58	
			<i>For Embossed Panel Door, Add</i>	113.64	
			<i>For Baked Enamel Finish, Add</i>	158.78	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.04	
			<i>For >100, Deduct</i>	-46.66	
			<i>For Polystyrene Core, Add</i>	47.35	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	118.38	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	59.19	
08 13 13 13-0025	EA		2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	599.75	58.28
			<i>For Galvanized Steel Door, Add</i>	96.64	
			<i>For Type 304 Stainless Steel Door, Add</i>	386.56	
			<i>For Type 316 Stainless Steel Door, Add</i>	628.16	
			<i>For Embossed Panel Door, Add</i>	115.97	
			<i>For Baked Enamel Finish, Add</i>	162.44	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.90	
			<i>For >100, Deduct</i>	-47.90	
			<i>For Polystyrene Core, Add</i>	48.32	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	120.80	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	60.40	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	606.96	58.28
		For Galvanized Steel Door, Add	98.08	
		For Type 304 Stainless Steel Door, Add	392.33	
		For Type 316 Stainless Steel Door, Add	637.53	
		For Embossed Panel Door, Add	117.70	
		For Baked Enamel Finish, Add	164.61	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.26	
		For >100, Deduct	-48.44	
		For Polystyrene Core, Add	49.04	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	122.60	
		For Continuously Welded And Filled Vertical Edge Seam, Add	61.30	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	612.38	59.54
		For Galvanized Steel Door, Add	98.66	
		For Type 304 Stainless Steel Door, Add	394.63	
		For Type 316 Stainless Steel Door, Add	641.28	
		For Embossed Panel Door, Add	118.39	
		For Baked Enamel Finish, Add	165.85	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.60	
		For >100, Deduct	-48.91	
		For Polystyrene Core, Add	49.33	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	123.32	
		For Continuously Welded And Filled Vertical Edge Seam, Add	61.66	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	617.80	60.81
		For Galvanized Steel Door, Add	99.24	
		For Type 304 Stainless Steel Door, Add	396.94	
		For Type 316 Stainless Steel Door, Add	645.03	
		For Embossed Panel Door, Add	119.08	
		For Baked Enamel Finish, Add	167.10	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.93	
		For >100, Deduct	-49.38	
		For Polystyrene Core, Add	49.62	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	124.05	
		For Continuously Welded And Filled Vertical Edge Seam, Add	62.02	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	655.30	60.81
		For Galvanized Steel Door, Add	106.74	
		For Type 304 Stainless Steel Door, Add	426.94	
		For Type 316 Stainless Steel Door, Add	693.78	
		For Embossed Panel Door, Add	128.08	
		For Baked Enamel Finish, Add	178.35	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-35.81	
		For >100, Deduct	-52.19	
		For Polystyrene Core, Add	53.37	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	133.42	
		For Continuously Welded And Filled Vertical Edge Seam, Add	66.71	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	674.80	63.34
		For Galvanized Steel Door, Add	109.62	
		For Type 304 Stainless Steel Door, Add	438.49	
		For Type 316 Stainless Steel Door, Add	712.54	
		For Embossed Panel Door, Add	131.55	
		For Baked Enamel Finish, Add	183.44	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-36.91	
		For >100, Deduct	-53.78	
		For Polystyrene Core, Add	54.81	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.03	
		For Continuously Welded And Filled Vertical Edge Seam, Add	68.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0031	EA		4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	742.62	68.41
			<i>For Galvanized Steel Door, Add</i>	121.16	
			<i>For Type 304 Stainless Steel Door, Add</i>	484.64	
			<i>For Type 316 Stainless Steel Door, Add</i>	787.54	
			<i>For Embossed Panel Door, Add</i>	145.39	
			<i>For Baked Enamel Finish, Add</i>	202.26	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-40.55	
			<i>For >100, Deduct</i>	-59.12	
			<i>For Polystyrene Core, Add</i>	60.58	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	151.45	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.73	
08 13 13 13-0032			18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13)</small>		
08 13 13 13-0033			6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0032)</small>		
08 13 13 13-0034	EA		2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	598.17	55.74
			<i>For Galvanized Steel Door, Add</i>	97.34	
			<i>For Type 304 Stainless Steel Door, Add</i>	389.35	
			<i>For Type 316 Stainless Steel Door, Add</i>	632.70	
			<i>For Embossed Panel Door, Add</i>	116.81	
			<i>For Baked Enamel Finish, Add</i>	162.73	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.70	
			<i>For >100, Deduct</i>	-47.65	
			<i>For 2" Thick Door, Add</i>	38.07	
			<i>For Polystyrene Core, Add</i>	48.67	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	121.67	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	60.84	
			<i>For Steel Stiffened, Add</i>	121.67	
08 13 13 13-0035	EA		2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	598.17	55.74
			<i>For Galvanized Steel Door, Add</i>	97.34	
			<i>For Type 304 Stainless Steel Door, Add</i>	389.35	
			<i>For Type 316 Stainless Steel Door, Add</i>	632.70	
			<i>For Embossed Panel Door, Add</i>	116.81	
			<i>For Baked Enamel Finish, Add</i>	162.73	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.70	
			<i>For >100, Deduct</i>	-47.65	
			<i>For 2" Thick Door, Add</i>	38.07	
			<i>For Polystyrene Core, Add</i>	48.67	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	121.67	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	60.84	
			<i>For Steel Stiffened, Add</i>	121.67	
08 13 13 13-0036	EA		2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	613.19	58.28
			<i>For Galvanized Steel Door, Add</i>	99.33	
			<i>For Type 304 Stainless Steel Door, Add</i>	397.31	
			<i>For Type 316 Stainless Steel Door, Add</i>	645.63	
			<i>For Embossed Panel Door, Add</i>	119.19	
			<i>For Baked Enamel Finish, Add</i>	166.47	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-33.57	
			<i>For >100, Deduct</i>	-48.90	
			<i>For 2" Thick Door, Add</i>	38.92	
			<i>For Polystyrene Core, Add</i>	49.66	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	124.16	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	62.08	
			<i>For Steel Stiffened, Add</i>	124.16	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0037	EA		2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	620.60	58.28
			For Galvanized Steel Door, Add	100.81	
			For Type 304 Stainless Steel Door, Add	403.24	
			For Type 316 Stainless Steel Door, Add	655.27	
			For Embossed Panel Door, Add	120.97	
			For Baked Enamel Finish, Add	168.70	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.94	
			For >100, Deduct	-49.46	
			For 2" Thick Door, Add	39.46	
			For Polystyrene Core, Add	50.41	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.01	
			For Continuously Welded And Filled Vertical Edge Seam, Add	63.01	
			For Steel Stiffened, Add	126.01	
08 13 13 13-0038	EA		2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	626.10	59.54
			For Galvanized Steel Door, Add	101.40	
			For Type 304 Stainless Steel Door, Add	405.61	
			For Type 316 Stainless Steel Door, Add	659.11	
			For Embossed Panel Door, Add	121.68	
			For Baked Enamel Finish, Add	169.97	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.28	
			For >100, Deduct	-49.93	
			For 2" Thick Door, Add	39.74	
			For Polystyrene Core, Add	50.70	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.75	
			For Continuously Welded And Filled Vertical Edge Seam, Add	63.38	
			For Steel Stiffened, Add	126.75	
08 13 13 13-0039	EA		3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	631.60	60.81
			For Galvanized Steel Door, Add	102.00	
			For Type 304 Stainless Steel Door, Add	407.98	
			For Type 316 Stainless Steel Door, Add	662.97	
			For Embossed Panel Door, Add	122.40	
			For Baked Enamel Finish, Add	171.24	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.62	
			For >100, Deduct	-50.41	
			For 2" Thick Door, Add	40.01	
			For Polystyrene Core, Add	51.00	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	127.50	
			For Continuously Welded And Filled Vertical Edge Seam, Add	63.75	
			For Steel Stiffened, Add	127.50	
08 13 13 13-0040	EA		3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	670.15	60.81
			For Galvanized Steel Door, Add	109.71	
			For Type 304 Stainless Steel Door, Add	438.82	
			For Type 316 Stainless Steel Door, Add	713.09	
			For Embossed Panel Door, Add	131.65	
			For Baked Enamel Finish, Add	182.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.55	
			For >100, Deduct	-53.30	
			For 2" Thick Door, Add	42.81	
			For Polystyrene Core, Add	54.85	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.13	
			For Continuously Welded And Filled Vertical Edge Seam, Add	68.57	
			For Steel Stiffened, Add	137.13	
08 13 13 13-0041	EA		3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	690.04	63.34
			For Galvanized Steel Door, Add	112.67	
			For Type 304 Stainless Steel Door, Add	450.68	
			For Type 316 Stainless Steel Door, Add	732.36	
			For Embossed Panel Door, Add	135.20	
			For Baked Enamel Finish, Add	188.01	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-37.67	
			For >100, Deduct	-54.92	
			For 2" Thick Door, Add	44.01	
			For Polystyrene Core, Add	56.34	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	140.84	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.42	
			For Steel Stiffened, Add	140.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0042	EA		4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	759.47	68.41
			<i>For Galvanized Steel Door, Add</i>	124.53	
			<i>For Type 304 Stainless Steel Door, Add</i>	498.12	
			<i>For Type 316 Stainless Steel Door, Add</i>	809.45	
			<i>For Embossed Panel Door, Add</i>	149.44	
			<i>For Baked Enamel Finish, Add</i>	207.32	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-41.39	
			<i>For >100, Deduct</i>	-60.38	
			<i>For 2" Thick Door, Add</i>	48.56	
			<i>For Polystyrene Core, Add</i>	62.27	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	155.66	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	77.83	
			<i>For Steel Stiffened, Add</i>	155.66	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors

08 13 13 13-0044	EA		2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	609.72	55.74
			<i>For Galvanized Steel Door, Add</i>	99.65	
			<i>For Type 304 Stainless Steel Door, Add</i>	398.59	
			<i>For Type 316 Stainless Steel Door, Add</i>	647.71	
			<i>For Embossed Panel Door, Add</i>	119.58	
			<i>For Baked Enamel Finish, Add</i>	166.19	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-33.27	
			<i>For >100, Deduct</i>	-48.52	
			<i>For 2" Thick Door, Add</i>	38.91	
			<i>For Polystyrene Core, Add</i>	49.82	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	124.56	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	62.28	
			<i>For Steel Stiffened, Add</i>	124.56	

08 13 13 13-0045	EA		2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	609.72	55.74
			<i>For Galvanized Steel Door, Add</i>	99.65	
			<i>For Type 304 Stainless Steel Door, Add</i>	398.59	
			<i>For Type 316 Stainless Steel Door, Add</i>	647.71	
			<i>For Embossed Panel Door, Add</i>	119.58	
			<i>For Baked Enamel Finish, Add</i>	166.19	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-33.27	
			<i>For >100, Deduct</i>	-48.52	
			<i>For 2" Thick Door, Add</i>	38.91	
			<i>For Polystyrene Core, Add</i>	49.82	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	124.56	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	62.28	
			<i>For Steel Stiffened, Add</i>	124.56	

08 13 13 13-0046	EA		2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	624.98	58.28
			<i>For Galvanized Steel Door, Add</i>	101.69	
			<i>For Type 304 Stainless Steel Door, Add</i>	406.74	
			<i>For Type 316 Stainless Steel Door, Add</i>	660.96	
			<i>For Embossed Panel Door, Add</i>	122.02	
			<i>For Baked Enamel Finish, Add</i>	170.01	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-34.16	
			<i>For >100, Deduct</i>	-49.79	
			<i>For 2" Thick Door, Add</i>	39.77	
			<i>For Polystyrene Core, Add</i>	50.84	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	127.11	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	63.55	
			<i>For Steel Stiffened, Add</i>	127.11	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	632.56	58.28
			For Galvanized Steel Door, Add	103.20	
			For Type 304 Stainless Steel Door, Add	412.81	
			For Type 316 Stainless Steel Door, Add	670.81	
			For Embossed Panel Door, Add	123.84	
			For Baked Enamel Finish, Add	172.29	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.54	
			For >100, Deduct	-50.36	
			For 2" Thick Door, Add	40.32	
			For Polystyrene Core, Add	51.60	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.00	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.50	
			For Steel Stiffened, Add	129.00	
08 13 13	13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	638.14	59.54
			For Galvanized Steel Door, Add	103.81	
			For Type 304 Stainless Steel Door, Add	415.24	
			For Type 316 Stainless Steel Door, Add	674.77	
			For Embossed Panel Door, Add	124.57	
			For Baked Enamel Finish, Add	173.58	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.88	
			For >100, Deduct	-50.84	
			For 2" Thick Door, Add	40.61	
			For Polystyrene Core, Add	51.91	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.76	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.88	
			For Steel Stiffened, Add	129.76	
08 13 13	13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	643.70	60.81
			For Galvanized Steel Door, Add	104.42	
			For Type 304 Stainless Steel Door, Add	417.66	
			For Type 316 Stainless Steel Door, Add	678.70	
			For Embossed Panel Door, Add	125.30	
			For Baked Enamel Finish, Add	174.87	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.23	
			For >100, Deduct	-51.32	
			For 2" Thick Door, Add	40.89	
			For Polystyrene Core, Add	52.21	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	130.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	65.26	
			For Steel Stiffened, Add	130.52	
08 13 13	13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	683.17	60.81
			For Galvanized Steel Door, Add	112.31	
			For Type 304 Stainless Steel Door, Add	449.24	
			For Type 316 Stainless Steel Door, Add	730.02	
			For Embossed Panel Door, Add	134.77	
			For Baked Enamel Finish, Add	186.71	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-37.20	
			For >100, Deduct	-54.28	
			For 2" Thick Door, Add	43.75	
			For Polystyrene Core, Add	56.16	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	140.39	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.19	
			For Steel Stiffened, Add	140.39	
08 13 13	13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	703.41	63.34
			For Galvanized Steel Door, Add	115.34	
			For Type 304 Stainless Steel Door, Add	461.38	
			For Type 316 Stainless Steel Door, Add	749.74	
			For Embossed Panel Door, Add	138.41	
			For Baked Enamel Finish, Add	192.02	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.34	
			For >100, Deduct	-55.92	
			For 2" Thick Door, Add	44.98	
			For Polystyrene Core, Add	57.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.18	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.09	
			For Steel Stiffened, Add	144.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	774.25	68.41
			<i>For Galvanized Steel Door, Add</i>	127.49	
			<i>For Type 304 Stainless Steel Door, Add</i>	509.94	
			<i>For Type 316 Stainless Steel Door, Add</i>	828.66	
			<i>For Embossed Panel Door, Add</i>	152.98	
			<i>For Baked Enamel Finish, Add</i>	211.75	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-42.13	
			<i>For >100, Deduct</i>	-61.49	
			<i>For 2" Thick Door, Add</i>	49.63	
			<i>For Polystyrene Core, Add</i>	63.74	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	159.36	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	79.68	
			<i>For Steel Stiffened, Add</i>	159.36	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors
(08 13 13 13-0032)

08 13 13 13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	621.27	55.74
			<i>For Galvanized Steel Door, Add</i>	101.96	
			<i>For Type 304 Stainless Steel Door, Add</i>	407.83	
			<i>For Type 316 Stainless Steel Door, Add</i>	662.73	
			<i>For Embossed Panel Door, Add</i>	122.35	
			<i>For Baked Enamel Finish, Add</i>	169.66	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-33.85	
			<i>For >100, Deduct</i>	-49.38	
			<i>For 2" Thick Door, Add</i>	39.75	
			<i>For Polystyrene Core, Add</i>	50.98	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	127.45	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	63.72	
			<i>For Steel Stiffened, Add</i>	127.45	

08 13 13 13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	621.27	55.74
			<i>For Galvanized Steel Door, Add</i>	101.96	
			<i>For Type 304 Stainless Steel Door, Add</i>	407.83	
			<i>For Type 316 Stainless Steel Door, Add</i>	662.73	
			<i>For Embossed Panel Door, Add</i>	122.35	
			<i>For Baked Enamel Finish, Add</i>	169.66	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-33.85	
			<i>For >100, Deduct</i>	-49.38	
			<i>For 2" Thick Door, Add</i>	39.75	
			<i>For Polystyrene Core, Add</i>	50.98	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	127.45	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	63.72	
			<i>For Steel Stiffened, Add</i>	127.45	

08 13 13 13-0056	EA		2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	636.77	58.28
			<i>For Galvanized Steel Door, Add</i>	104.04	
			<i>For Type 304 Stainless Steel Door, Add</i>	416.18	
			<i>For Type 316 Stainless Steel Door, Add</i>	676.29	
			<i>For Embossed Panel Door, Add</i>	124.85	
			<i>For Baked Enamel Finish, Add</i>	173.55	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-34.75	
			<i>For >100, Deduct</i>	-50.67	
			<i>For 2" Thick Door, Add</i>	40.63	
			<i>For Polystyrene Core, Add</i>	52.02	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	130.06	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	65.03	
			<i>For Steel Stiffened, Add</i>	130.06	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	644.53	58.28
			For Galvanized Steel Door, Add	105.60	
			For Type 304 Stainless Steel Door, Add	422.38	
			For Type 316 Stainless Steel Door, Add	686.37	
			For Embossed Panel Door, Add	126.72	
			For Baked Enamel Finish, Add	175.88	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.14	
			For >100, Deduct	-51.25	
			For 2" Thick Door, Add	41.19	
			For Polystyrene Core, Add	52.80	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.00	
			For Continuously Welded And Filled Vertical Edge Seam, Add	66.00	
			For Steel Stiffened, Add	132.00	
08 13 13	13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	655.81	60.81
			For Galvanized Steel Door, Add	106.84	
			For Type 304 Stainless Steel Door, Add	427.35	
			For Type 316 Stainless Steel Door, Add	694.45	
			For Embossed Panel Door, Add	128.21	
			For Baked Enamel Finish, Add	178.50	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.83	
			For >100, Deduct	-52.23	
			For 2" Thick Door, Add	41.77	
			For Polystyrene Core, Add	53.42	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	133.55	
			For Continuously Welded And Filled Vertical Edge Seam, Add	66.77	
			For Steel Stiffened, Add	133.55	
08 13 13	13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	696.18	60.81
			For Galvanized Steel Door, Add	114.91	
			For Type 304 Stainless Steel Door, Add	459.65	
			For Type 316 Stainless Steel Door, Add	746.93	
			For Embossed Panel Door, Add	137.89	
			For Baked Enamel Finish, Add	190.61	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-37.85	
			For >100, Deduct	-55.25	
			For 2" Thick Door, Add	44.70	
			For Polystyrene Core, Add	57.46	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	143.64	
			For Continuously Welded And Filled Vertical Edge Seam, Add	71.82	
			For Steel Stiffened, Add	143.64	
08 13 13	13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	716.78	63.34
			For Galvanized Steel Door, Add	118.02	
			For Type 304 Stainless Steel Door, Add	472.07	
			For Type 316 Stainless Steel Door, Add	767.12	
			For Embossed Panel Door, Add	141.62	
			For Baked Enamel Finish, Add	196.03	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-39.01	
			For >100, Deduct	-56.93	
			For 2" Thick Door, Add	45.95	
			For Polystyrene Core, Add	59.01	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	147.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	73.76	
			For Steel Stiffened, Add	147.52	
08 13 13	13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	789.03	68.41
			For Galvanized Steel Door, Add	130.44	
			For Type 304 Stainless Steel Door, Add	521.77	
			For Type 316 Stainless Steel Door, Add	847.87	
			For Embossed Panel Door, Add	156.53	
			For Baked Enamel Finish, Add	216.19	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.87	
			For >100, Deduct	-62.60	
			For 2" Thick Door, Add	50.71	
			For Polystyrene Core, Add	65.22	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	163.05	
			For Continuously Welded And Filled Vertical Edge Seam, Add	81.53	
			For Steel Stiffened, Add	163.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0062 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)

08 13 13 13-0063	EA		2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	716.54	55.74
			<i>For Up To 1' Extra Height, Add</i>	167.42	
			<i>For 1' To 1'-6" Extra Height, Add</i>	319.41	
			<i>For Galvanized Steel Door, Add</i>	121.01	
			<i>For Type 304 Stainless Steel Door, Add</i>	484.05	
			<i>For Type 316 Stainless Steel Door, Add</i>	786.58	
			<i>For Embossed Panel Door, Add</i>	145.21	
			<i>For Baked Enamel Finish, Add</i>	198.24	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-38.61	
			<i>For >100, Deduct</i>	-56.53	
			<i>For 2" Thick Door, Add</i>	46.65	
			<i>For Polystyrene Core, Add</i>	60.51	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	151.27	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.63	
			<i>For Steel Stiffened, Add</i>	151.27	
08 13 13 13-0064	EA		2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	716.54	55.74
			<i>For Up To 1' Extra Height, Add</i>	167.42	
			<i>For 1' To 1'-6" Extra Height, Add</i>	319.41	
			<i>For Galvanized Steel Door, Add</i>	121.01	
			<i>For Type 304 Stainless Steel Door, Add</i>	484.05	
			<i>For Type 316 Stainless Steel Door, Add</i>	786.58	
			<i>For Embossed Panel Door, Add</i>	145.21	
			<i>For Baked Enamel Finish, Add</i>	198.24	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-38.61	
			<i>For >100, Deduct</i>	-56.53	
			<i>For 2" Thick Door, Add</i>	46.65	
			<i>For Polystyrene Core, Add</i>	60.51	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	151.27	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.63	
			<i>For Steel Stiffened, Add</i>	151.27	
08 13 13 13-0065	EA		2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	733.99	58.28
			<i>For Up To 1' Extra Height, Add</i>	170.85	
			<i>For 1' To 1'-6" Extra Height, Add</i>	325.95	
			<i>For Galvanized Steel Door, Add</i>	123.49	
			<i>For Type 304 Stainless Steel Door, Add</i>	493.95	
			<i>For Type 316 Stainless Steel Door, Add</i>	802.67	
			<i>For Embossed Panel Door, Add</i>	148.19	
			<i>For Baked Enamel Finish, Add</i>	202.71	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-39.61	
			<i>For >100, Deduct</i>	-57.96	
			<i>For 2" Thick Door, Add</i>	47.68	
			<i>For Polystyrene Core, Add</i>	61.74	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	154.36	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	77.18	
			<i>For Steel Stiffened, Add</i>	154.36	
08 13 13 13-0066	EA		2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	743.21	58.28
			<i>For Up To 1' Extra Height, Add</i>	173.40	
			<i>For 1' To 1'-6" Extra Height, Add</i>	330.81	
			<i>For Galvanized Steel Door, Add</i>	125.33	
			<i>For Type 304 Stainless Steel Door, Add</i>	501.33	
			<i>For Type 316 Stainless Steel Door, Add</i>	814.66	
			<i>For Embossed Panel Door, Add</i>	150.40	
			<i>For Baked Enamel Finish, Add</i>	205.48	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-40.07	
			<i>For >100, Deduct</i>	-58.65	
			<i>For 2" Thick Door, Add</i>	48.35	
			<i>For Polystyrene Core, Add</i>	62.67	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	156.67	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	78.33	
			<i>For Steel Stiffened, Add</i>	156.67	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	749.43	59.54
		For Up To 1' Extra Height, Add	174.42	
		For 1' To 1'-6" Extra Height, Add	332.76	
		For Galvanized Steel Door, Add	126.07	
		For Type 304 Stainless Steel Door, Add	504.27	
		For Type 316 Stainless Steel Door, Add	819.44	
		For Embossed Panel Door, Add	151.28	
		For Baked Enamel Finish, Add	206.97	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-40.45	
		For >100, Deduct	-59.18	
		For 2" Thick Door, Add	48.68	
		For Polystyrene Core, Add	63.03	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	157.59	
		For Continuously Welded And Filled Vertical Edge Seam, Add	78.79	
		For Steel Stiffened, Add	157.59	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	755.64	60.81
		For Up To 1' Extra Height, Add	175.43	
		For 1' To 1'-6" Extra Height, Add	334.70	
		For Galvanized Steel Door, Add	126.80	
		For Type 304 Stainless Steel Door, Add	507.22	
		For Type 316 Stainless Steel Door, Add	824.23	
		For Embossed Panel Door, Add	152.16	
		For Baked Enamel Finish, Add	208.45	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-40.82	
		For >100, Deduct	-59.71	
		For 2" Thick Door, Add	49.01	
		For Polystyrene Core, Add	63.40	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	158.51	
		For Continuously Welded And Filled Vertical Edge Seam, Add	79.25	
		For Steel Stiffened, Add	158.51	
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	803.57	60.81
		For Up To 1' Extra Height, Add	188.70	
		For 1' To 1'-6" Extra Height, Add	360.00	
		For Galvanized Steel Door, Add	136.39	
		For Type 304 Stainless Steel Door, Add	545.56	
		For Type 316 Stainless Steel Door, Add	886.54	
		For Embossed Panel Door, Add	163.67	
		For Baked Enamel Finish, Add	222.83	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-43.22	
		For >100, Deduct	-63.31	
		For 2" Thick Door, Add	52.48	
		For Polystyrene Core, Add	68.20	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	170.49	
		For Continuously Welded And Filled Vertical Edge Seam, Add	85.24	
		For Steel Stiffened, Add	170.49	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	827.07	63.34
		For Up To 1' Extra Height, Add	193.80	
		For 1' To 1'-6" Extra Height, Add	369.73	
		For Galvanized Steel Door, Add	140.08	
		For Type 304 Stainless Steel Door, Add	560.30	
		For Type 316 Stainless Steel Door, Add	910.49	
		For Embossed Panel Door, Add	168.09	
		For Baked Enamel Finish, Add	229.12	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-44.52	
		For >100, Deduct	-65.20	
		For 2" Thick Door, Add	53.94	
		For Polystyrene Core, Add	70.04	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.10	
		For Continuously Welded And Filled Vertical Edge Seam, Add	87.55	
		For Steel Stiffened, Add	175.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0071	EA		4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	910.92	68.41
			<i>For Up To 1' Extra Height, Add</i>	214.19	
			<i>For 1' To 1'-6" Extra Height, Add</i>	408.65	
			<i>For Galvanized Steel Door, Add</i>	154.82	
			<i>For Type 304 Stainless Steel Door, Add</i>	619.28	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,006.33	
			<i>For Embossed Panel Door, Add</i>	185.78	
			<i>For Baked Enamel Finish, Add</i>	252.75	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.97	
			<i>For >100, Deduct</i>	-71.74	
			<i>For 2" Thick Door, Add</i>	59.54	
			<i>For Polystyrene Core, Add</i>	77.41	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	193.53	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	96.76	
			<i>For Steel Stiffened, Add</i>	193.53	
08 13 13 13-0072			16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)		
08 13 13 13-0073			6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)		
08 13 13 13-0074	EA		2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	785.54	55.74
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	269.62	
			<i>For Galvanized Steel Door, Add</i>	134.81	
			<i>For Type 304 Stainless Steel Door, Add</i>	539.25	
			<i>For Type 316 Stainless Steel Door, Add</i>	876.28	
			<i>For Embossed Panel Door, Add</i>	161.77	
			<i>For Baked Enamel Finish, Add</i>	218.94	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-42.06	
			<i>For >100, Deduct</i>	-61.70	
			<i>For 2" Thick Door, Add</i>	51.66	
			<i>For Polystyrene Core, Add</i>	67.41	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	168.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.26	
			<i>For Steel Stiffened, Add</i>	168.52	
08 13 13 13-0075	EA		2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	785.54	55.74
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	269.62	
			<i>For Galvanized Steel Door, Add</i>	134.81	
			<i>For Type 304 Stainless Steel Door, Add</i>	539.25	
			<i>For Type 316 Stainless Steel Door, Add</i>	876.28	
			<i>For Embossed Panel Door, Add</i>	161.77	
			<i>For Baked Enamel Finish, Add</i>	218.94	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-42.06	
			<i>For >100, Deduct</i>	-61.70	
			<i>For 2" Thick Door, Add</i>	51.66	
			<i>For Polystyrene Core, Add</i>	67.41	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	168.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.26	
			<i>For Steel Stiffened, Add</i>	168.52	
08 13 13 13-0076	EA		2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	804.40	58.28
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	275.14	
			<i>For Galvanized Steel Door, Add</i>	137.57	
			<i>For Type 304 Stainless Steel Door, Add</i>	550.28	
			<i>For Type 316 Stainless Steel Door, Add</i>	894.21	
			<i>For Embossed Panel Door, Add</i>	165.08	
			<i>For Baked Enamel Finish, Add</i>	223.84	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-43.13	
			<i>For >100, Deduct</i>	-63.24	
			<i>For 2" Thick Door, Add</i>	52.78	
			<i>For Polystyrene Core, Add</i>	68.79	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	171.96	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	85.98	
			<i>For Steel Stiffened, Add</i>	171.96	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13	13	13-0077	EA 2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	814.66	58.28
			For 14 Gauge, Level 4 Maximum Duty, Add	279.24	
			For Galvanized Steel Door, Add	139.62	
			For Type 304 Stainless Steel Door, Add	558.49	
			For Type 316 Stainless Steel Door, Add	907.54	
			For Embossed Panel Door, Add	167.55	
			For Baked Enamel Finish, Add	226.92	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.65	
			For >100, Deduct	-64.01	
			For 2" Thick Door, Add	53.53	
			For Polystyrene Core, Add	69.81	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	174.53	
			For Continuously Welded And Filled Vertical Edge Seam, Add	87.26	
			For Steel Stiffened, Add	174.53	
08 13	13	13-0078	EA 2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	821.32	59.54
			For 14 Gauge, Level 4 Maximum Duty, Add	280.89	
			For Galvanized Steel Door, Add	140.45	
			For Type 304 Stainless Steel Door, Add	561.78	
			For Type 316 Stainless Steel Door, Add	912.90	
			For Embossed Panel Door, Add	168.54	
			For Baked Enamel Finish, Add	228.53	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.04	
			For >100, Deduct	-64.58	
			For 2" Thick Door, Add	53.89	
			For Polystyrene Core, Add	70.22	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.56	
			For Continuously Welded And Filled Vertical Edge Seam, Add	87.78	
			For Steel Stiffened, Add	175.56	
08 13	13	13-0079	EA 3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	827.95	60.81
			For 14 Gauge, Level 4 Maximum Duty, Add	282.53	
			For Galvanized Steel Door, Add	141.27	
			For Type 304 Stainless Steel Door, Add	565.06	
			For Type 316 Stainless Steel Door, Add	918.23	
			For Embossed Panel Door, Add	169.52	
			For Baked Enamel Finish, Add	230.14	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.44	
			For >100, Deduct	-65.14	
			For 2" Thick Door, Add	54.25	
			For Polystyrene Core, Add	70.63	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	176.58	
			For Continuously Welded And Filled Vertical Edge Seam, Add	88.29	
			For Steel Stiffened, Add	176.58	
08 13	13	13-0080	EA 3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	881.33	60.81
			For 14 Gauge, Level 4 Maximum Duty, Add	303.88	
			For Galvanized Steel Door, Add	151.94	
			For Type 304 Stainless Steel Door, Add	607.77	
			For Type 316 Stainless Steel Door, Add	987.62	
			For Embossed Panel Door, Add	182.33	
			For Baked Enamel Finish, Add	246.16	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.11	
			For >100, Deduct	-69.14	
			For 2" Thick Door, Add	58.12	
			For Polystyrene Core, Add	75.97	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	189.93	
			For Continuously Welded And Filled Vertical Edge Seam, Add	94.96	
			For Steel Stiffened, Add	189.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0081	EA		3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	906.93	63.34
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	312.10	
			<i>For Galvanized Steel Door, Add</i>	156.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	624.19	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,014.31	
			<i>For Embossed Panel Door, Add</i>	187.26	
			<i>For Baked Enamel Finish, Add</i>	253.08	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.51	
			<i>For >100, Deduct</i>	-71.19	
			<i>For 2" Thick Door, Add</i>	59.73	
			<i>For Polystyrene Core, Add</i>	78.02	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	195.06	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	97.53	
			<i>For Steel Stiffened, Add</i>	195.06	
08 13 13 13-0082	EA		4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	999.20	68.41
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	344.95	
			<i>For Galvanized Steel Door, Add</i>	172.48	
			<i>For Type 304 Stainless Steel Door, Add</i>	689.90	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,121.09	
			<i>For Embossed Panel Door, Add</i>	206.97	
			<i>For Baked Enamel Finish, Add</i>	279.24	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-53.38	
			<i>For >100, Deduct</i>	-78.36	
			<i>For 2" Thick Door, Add</i>	65.94	
			<i>For Polystyrene Core, Add</i>	86.24	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	215.60	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	107.80	
			<i>For Steel Stiffened, Add</i>	215.60	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)

08 13 13 13-0084	EA		2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	801.54	55.74
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	276.02	
			<i>For Galvanized Steel Door, Add</i>	138.01	
			<i>For Type 304 Stainless Steel Door, Add</i>	552.05	
			<i>For Type 316 Stainless Steel Door, Add</i>	897.08	
			<i>For Embossed Panel Door, Add</i>	165.61	
			<i>For Baked Enamel Finish, Add</i>	223.74	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-42.86	
			<i>For >100, Deduct</i>	-62.90	
			<i>For 2" Thick Door, Add</i>	52.82	
			<i>For Polystyrene Core, Add</i>	69.01	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	172.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	86.26	
			<i>For Steel Stiffened, Add</i>	172.52	
08 13 13 13-0085	EA		2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	801.54	55.74
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	276.02	
			<i>For Galvanized Steel Door, Add</i>	138.01	
			<i>For Type 304 Stainless Steel Door, Add</i>	552.05	
			<i>For Type 316 Stainless Steel Door, Add</i>	897.08	
			<i>For Embossed Panel Door, Add</i>	165.61	
			<i>For Baked Enamel Finish, Add</i>	223.74	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-42.86	
			<i>For >100, Deduct</i>	-62.90	
			<i>For 2" Thick Door, Add</i>	52.82	
			<i>For Polystyrene Core, Add</i>	69.01	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	172.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	86.26	
			<i>For Steel Stiffened, Add</i>	172.52	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	820.72	58.28
			For 14 Gauge, Level 4 Maximum Duty, Add	281.67	
			For Galvanized Steel Door, Add	140.83	
			For Type 304 Stainless Steel Door, Add	563.34	
			For Type 316 Stainless Steel Door, Add	915.42	
			For Embossed Panel Door, Add	169.00	
			For Baked Enamel Finish, Add	228.73	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.95	
			For >100, Deduct	-64.47	
			For 2" Thick Door, Add	53.97	
			For Polystyrene Core, Add	70.42	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	176.04	
			For Continuously Welded And Filled Vertical Edge Seam, Add	88.02	
			For Steel Stiffened, Add	176.04	
08 13 13	13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	831.23	58.28
			For 14 Gauge, Level 4 Maximum Duty, Add	285.87	
			For Galvanized Steel Door, Add	142.94	
			For Type 304 Stainless Steel Door, Add	571.74	
			For Type 316 Stainless Steel Door, Add	929.08	
			For Embossed Panel Door, Add	171.52	
			For Baked Enamel Finish, Add	231.89	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.48	
			For >100, Deduct	-65.26	
			For 2" Thick Door, Add	54.73	
			For Polystyrene Core, Add	71.47	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	178.67	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.34	
			For Steel Stiffened, Add	178.67	
08 13 13	13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	837.97	59.54
			For 14 Gauge, Level 4 Maximum Duty, Add	287.55	
			For Galvanized Steel Door, Add	143.78	
			For Type 304 Stainless Steel Door, Add	575.10	
			For Type 316 Stainless Steel Door, Add	934.54	
			For Embossed Panel Door, Add	172.53	
			For Baked Enamel Finish, Add	233.53	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.88	
			For >100, Deduct	-65.83	
			For 2" Thick Door, Add	55.10	
			For Polystyrene Core, Add	71.89	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.72	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.86	
			For Steel Stiffened, Add	179.72	
08 13 13	13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	844.71	60.81
			For 14 Gauge, Level 4 Maximum Duty, Add	289.24	
			For Galvanized Steel Door, Add	144.62	
			For Type 304 Stainless Steel Door, Add	578.47	
			For Type 316 Stainless Steel Door, Add	940.02	
			For Embossed Panel Door, Add	173.54	
			For Baked Enamel Finish, Add	235.17	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.28	
			For >100, Deduct	-66.39	
			For 2" Thick Door, Add	55.46	
			For Polystyrene Core, Add	72.31	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	180.77	
			For Continuously Welded And Filled Vertical Edge Seam, Add	90.39	
			For Steel Stiffened, Add	180.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0090	EA		3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	899.36	60.81
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	311.10	
			<i>For Galvanized Steel Door, Add</i>	155.55	
			<i>For Type 304 Stainless Steel Door, Add</i>	622.19	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,011.06	
			<i>For Embossed Panel Door, Add</i>	186.66	
			<i>For Baked Enamel Finish, Add</i>	251.57	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.01	
			<i>For >100, Deduct</i>	-70.49	
			<i>For 2" Thick Door, Add</i>	59.43	
			<i>For Polystyrene Core, Add</i>	77.77	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	194.44	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	97.22	
			<i>For Steel Stiffened, Add</i>	194.44	
08 13 13 13-0091	EA		3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	925.45	63.34
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	319.50	
			<i>For Galvanized Steel Door, Add</i>	159.75	
			<i>For Type 304 Stainless Steel Door, Add</i>	639.01	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,038.39	
			<i>For Embossed Panel Door, Add</i>	191.70	
			<i>For Baked Enamel Finish, Add</i>	258.63	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-49.44	
			<i>For >100, Deduct</i>	-72.58	
			<i>For 2" Thick Door, Add</i>	61.08	
			<i>For Polystyrene Core, Add</i>	79.88	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	199.69	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	99.85	
			<i>For Steel Stiffened, Add</i>	199.69	
08 13 13 13-0092	EA		4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,019.66	68.41
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	353.14	
			<i>For Galvanized Steel Door, Add</i>	176.57	
			<i>For Type 304 Stainless Steel Door, Add</i>	706.27	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,147.69	
			<i>For Embossed Panel Door, Add</i>	211.88	
			<i>For Baked Enamel Finish, Add</i>	285.38	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-54.40	
			<i>For >100, Deduct</i>	-79.90	
			<i>For 2" Thick Door, Add</i>	67.43	
			<i>For Polystyrene Core, Add</i>	88.28	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	220.71	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	110.36	
			<i>For Steel Stiffened, Add</i>	220.71	
08 13 13 13-0093			7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors		
			<small>(08 13 13 13-0072)</small>		
08 13 13 13-0094	EA		2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	817.54	55.74
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	282.42	
			<i>For Galvanized Steel Door, Add</i>	141.21	
			<i>For Type 304 Stainless Steel Door, Add</i>	564.85	
			<i>For Type 316 Stainless Steel Door, Add</i>	917.88	
			<i>For Embossed Panel Door, Add</i>	169.45	
			<i>For Baked Enamel Finish, Add</i>	228.54	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-43.66	
			<i>For >100, Deduct</i>	-64.10	
			<i>For 2" Thick Door, Add</i>	53.98	
			<i>For Polystyrene Core, Add</i>	70.61	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	176.52	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	88.26	
			<i>For Steel Stiffened, Add</i>	176.52	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	817.54	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	282.42	
			For Galvanized Steel Door, Add	141.21	
			For Type 304 Stainless Steel Door, Add	564.85	
			For Type 316 Stainless Steel Door, Add	917.88	
			For Embossed Panel Door, Add	169.45	
			For Baked Enamel Finish, Add	228.54	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.66	
			For >100, Deduct	-64.10	
			For 2" Thick Door, Add	53.98	
			For Polystyrene Core, Add	70.61	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	176.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	88.26	
			For Steel Stiffened, Add	176.52	
08 13 13	13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	837.05	58.28
			For 14 Gauge, Level 4 Maximum Duty, Add	288.20	
			For Galvanized Steel Door, Add	144.10	
			For Type 304 Stainless Steel Door, Add	576.40	
			For Type 316 Stainless Steel Door, Add	936.65	
			For Embossed Panel Door, Add	172.92	
			For Baked Enamel Finish, Add	233.63	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.77	
			For >100, Deduct	-65.69	
			For 2" Thick Door, Add	55.15	
			For Polystyrene Core, Add	72.05	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	180.13	
			For Continuously Welded And Filled Vertical Edge Seam, Add	90.06	
			For Steel Stiffened, Add	180.13	
08 13 13	13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	847.80	58.28
			For 14 Gauge, Level 4 Maximum Duty, Add	292.50	
			For Galvanized Steel Door, Add	146.25	
			For Type 304 Stainless Steel Door, Add	585.00	
			For Type 316 Stainless Steel Door, Add	950.63	
			For Embossed Panel Door, Add	175.50	
			For Baked Enamel Finish, Add	236.86	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.30	
			For >100, Deduct	-66.50	
			For 2" Thick Door, Add	55.93	
			For Polystyrene Core, Add	73.13	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	182.81	
			For Continuously Welded And Filled Vertical Edge Seam, Add	91.41	
			For Steel Stiffened, Add	182.81	
08 13 13	13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	854.65	59.54
			For 14 Gauge, Level 4 Maximum Duty, Add	294.22	
			For Galvanized Steel Door, Add	147.11	
			For Type 304 Stainless Steel Door, Add	588.45	
			For Type 316 Stainless Steel Door, Add	956.23	
			For Embossed Panel Door, Add	176.53	
			For Baked Enamel Finish, Add	238.53	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.71	
			For >100, Deduct	-67.08	
			For 2" Thick Door, Add	56.31	
			For Polystyrene Core, Add	73.56	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	183.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	91.95	
			For Steel Stiffened, Add	183.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0099	EA		3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	861.47	60.81
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	295.94	
			<i>For Galvanized Steel Door, Add</i>	147.97	
			<i>For Type 304 Stainless Steel Door, Add</i>	591.88	
			<i>For Type 316 Stainless Steel Door, Add</i>	961.81	
			<i>For Embossed Panel Door, Add</i>	177.56	
			<i>For Baked Enamel Finish, Add</i>	240.20	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-46.11	
			<i>For >100, Deduct</i>	-67.65	
			<i>For 2" Thick Door, Add</i>	56.68	
			<i>For Polystyrene Core, Add</i>	73.99	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	184.96	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	92.48	
			<i>For Steel Stiffened, Add</i>	184.96	
08 13 13 13-0100	EA		3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	917.39	60.81
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	318.31	
			<i>For Galvanized Steel Door, Add</i>	159.15	
			<i>For Type 304 Stainless Steel Door, Add</i>	636.62	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,034.50	
			<i>For Embossed Panel Door, Add</i>	190.98	
			<i>For Baked Enamel Finish, Add</i>	256.97	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.91	
			<i>For >100, Deduct</i>	-71.84	
			<i>For 2" Thick Door, Add</i>	60.73	
			<i>For Polystyrene Core, Add</i>	79.58	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	198.94	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	99.47	
			<i>For Steel Stiffened, Add</i>	198.94	
08 13 13 13-0101	EA		3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	943.97	63.34
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	326.91	
			<i>For Galvanized Steel Door, Add</i>	163.46	
			<i>For Type 304 Stainless Steel Door, Add</i>	653.82	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,062.46	
			<i>For Embossed Panel Door, Add</i>	196.15	
			<i>For Baked Enamel Finish, Add</i>	264.19	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-50.37	
			<i>For >100, Deduct</i>	-73.97	
			<i>For 2" Thick Door, Add</i>	62.42	
			<i>For Polystyrene Core, Add</i>	81.73	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	204.32	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	102.16	
			<i>For Steel Stiffened, Add</i>	204.32	
08 13 13 13-0102	EA		4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,040.13	68.41
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	361.32	
			<i>For Galvanized Steel Door, Add</i>	180.66	
			<i>For Type 304 Stainless Steel Door, Add</i>	722.65	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,174.30	
			<i>For Embossed Panel Door, Add</i>	216.79	
			<i>For Baked Enamel Finish, Add</i>	291.52	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-55.43	
			<i>For >100, Deduct</i>	-81.43	
			<i>For 2" Thick Door, Add</i>	68.91	
			<i>For Polystyrene Core, Add</i>	90.33	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	225.83	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	112.91	
			<i>For Steel Stiffened, Add</i>	225.83	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	949.49	55.74
		For Up To 1' Extra Height, Add	231.88	
		For 14 Gauge, Level 4 Maximum Duty, Add	335.20	
		For Galvanized Steel Door, Add	167.60	
		For Type 304 Stainless Steel Door, Add	670.41	
		For Type 316 Stainless Steel Door, Add	1,089.41	
		For Embossed Panel Door, Add	201.12	
		For Baked Enamel Finish, Add	268.13	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-50.26	
		For >100, Deduct	-74.00	
		For 2" Thick Door, Add	63.54	
		For Polystyrene Core, Add	83.80	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	209.50	
		For Continuously Welded And Filled Vertical Edge Seam, Add	104.75	
		For Steel Stiffened, Add	209.50	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	949.49	55.74
		For Up To 1' Extra Height, Add	231.88	
		For 14 Gauge, Level 4 Maximum Duty, Add	335.20	
		For Galvanized Steel Door, Add	167.60	
		For Type 304 Stainless Steel Door, Add	670.41	
		For Type 316 Stainless Steel Door, Add	1,089.41	
		For Embossed Panel Door, Add	201.12	
		For Baked Enamel Finish, Add	268.13	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-50.26	
		For >100, Deduct	-74.00	
		For 2" Thick Door, Add	63.54	
		For Polystyrene Core, Add	83.80	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	209.50	
		For Continuously Welded And Filled Vertical Edge Seam, Add	104.75	
		For Steel Stiffened, Add	209.50	
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	971.71	58.28
		For Up To 1' Extra Height, Add	236.62	
		For 14 Gauge, Level 4 Maximum Duty, Add	342.06	
		For Galvanized Steel Door, Add	171.03	
		For Type 304 Stainless Steel Door, Add	684.13	
		For Type 316 Stainless Steel Door, Add	1,111.71	
		For Embossed Panel Door, Add	205.24	
		For Baked Enamel Finish, Add	274.03	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-51.50	
		For >100, Deduct	-75.79	
		For 2" Thick Door, Add	64.91	
		For Polystyrene Core, Add	85.52	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	213.79	
		For Continuously Welded And Filled Vertical Edge Seam, Add	106.90	
		For Steel Stiffened, Add	213.79	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	984.47	58.28
		For Up To 1' Extra Height, Add	240.15	
		For 14 Gauge, Level 4 Maximum Duty, Add	347.17	
		For Galvanized Steel Door, Add	173.58	
		For Type 304 Stainless Steel Door, Add	694.34	
		For Type 316 Stainless Steel Door, Add	1,128.30	
		For Embossed Panel Door, Add	208.30	
		For Baked Enamel Finish, Add	277.86	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-52.14	
		For >100, Deduct	-76.75	
		For 2" Thick Door, Add	65.84	
		For Polystyrene Core, Add	86.79	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	216.98	
		For Continuously Welded And Filled Vertical Edge Seam, Add	108.49	
		For Steel Stiffened, Add	216.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0108	EA		2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	992.11	59.54
			For Up To 1' Extra Height, Add	241.56	
			For 14 Gauge, Level 4 Maximum Duty, Add	349.21	
			For Galvanized Steel Door, Add	174.60	
			For Type 304 Stainless Steel Door, Add	698.42	
			For Type 316 Stainless Steel Door, Add	1,134.93	
			For Embossed Panel Door, Add	209.52	
			For Baked Enamel Finish, Add	279.77	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-52.58	
			For >100, Deduct	-77.39	
			For 2" Thick Door, Add	66.27	
			For Polystyrene Core, Add	87.30	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	218.26	
			For Continuously Welded And Filled Vertical Edge Seam, Add	109.13	
			For Steel Stiffened, Add	218.26	
08 13 13 13-0109	EA		3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	999.74	60.81
			For Up To 1' Extra Height, Add	242.98	
			For 14 Gauge, Level 4 Maximum Duty, Add	351.25	
			For Galvanized Steel Door, Add	175.62	
			For Type 304 Stainless Steel Door, Add	702.50	
			For Type 316 Stainless Steel Door, Add	1,141.56	
			For Embossed Panel Door, Add	210.75	
			For Baked Enamel Finish, Add	281.68	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-53.03	
			For >100, Deduct	-78.02	
			For 2" Thick Door, Add	66.70	
			For Polystyrene Core, Add	87.81	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	219.53	
			For Continuously Welded And Filled Vertical Edge Seam, Add	109.77	
			For Steel Stiffened, Add	219.53	
08 13 13 13-0110	EA		3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,066.12	60.81
			For Up To 1' Extra Height, Add	261.34	
			For 14 Gauge, Level 4 Maximum Duty, Add	377.80	
			For Galvanized Steel Door, Add	188.90	
			For Type 304 Stainless Steel Door, Add	755.60	
			For Type 316 Stainless Steel Door, Add	1,227.85	
			For Embossed Panel Door, Add	226.68	
			For Baked Enamel Finish, Add	301.59	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-56.35	
			For >100, Deduct	-83.00	
			For 2" Thick Door, Add	71.52	
			For Polystyrene Core, Add	94.45	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	236.13	
			For Continuously Welded And Filled Vertical Edge Seam, Add	118.06	
			For Steel Stiffened, Add	236.13	
08 13 13 13-0111	EA		3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,096.72	63.34
			For Up To 1' Extra Height, Add	268.41	
			For 1' To 1'-6" Extra Height, Add	512.08	
			For 14 Gauge, Level 4 Maximum Duty, Add	388.01	
			For Galvanized Steel Door, Add	194.01	
			For Type 304 Stainless Steel Door, Add	776.02	
			For Type 316 Stainless Steel Door, Add	1,261.04	
			For Embossed Panel Door, Add	232.81	
			For Baked Enamel Finish, Add	310.01	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-58.00	
			For >100, Deduct	-85.42	
			For 2" Thick Door, Add	73.49	
			For Polystyrene Core, Add	97.00	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	242.51	
			For Continuously Welded And Filled Vertical Edge Seam, Add	121.25	
			For Steel Stiffened, Add	242.51	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,208.95	68.41
		<i>For Up To 1' Extra Height, Add</i>	296.66	
		<i>For 1' To 1'-6" Extra Height, Add</i>	565.98	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	428.85	
		<i>For Galvanized Steel Door, Add</i>	214.43	
		<i>For Type 304 Stainless Steel Door, Add</i>	857.70	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,393.77	
		<i>For Embossed Panel Door, Add</i>	257.31	
		<i>For Baked Enamel Finish, Add</i>	342.16	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-63.87	
		<i>For >100, Deduct</i>	-94.09	
		<i>For 2" Thick Door, Add</i>	81.15	
		<i>For Polystyrene Core, Add</i>	107.21	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	268.03	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	134.02	
		<i>For Steel Stiffened, Add</i>	268.03	

08 13 13 53 Custom Hollow Metal Doors (08 13 13)

08 13 13 53-0001		Steel 18 Gauge 1-3/4" Unrated Door (08 13 13 53)		
08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	1,747.30	126.69
		<i>For 16 Gauge Door, Add</i>	20.30	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	1,830.74	152.02
		<i>For 16 Gauge Door, Add</i>	20.30	

08 13 73 Sliding Metal Doors (08 13)

08 13 73 00-0001		Sliding Bypass Mirror Doors (08 13 73)		
		Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.		
08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	385.07	76.01
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	435.73	81.08
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	486.39	86.14
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	577.59	91.21

08 14 Wood Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
 See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors (08 14)

08 14 16 00-0001		1-3/8" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16 00-0002		Birch Faced Wood Door (08 14 16 00-0001)		
08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	235.24	55.74
		<i>For >50 To 100, Deduct</i>	-14.55	
		<i>For >100, Deduct</i>	-20.43	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	235.24	55.74
		<i>For >50 To 100, Deduct</i>	-14.55	
		<i>For >100, Deduct</i>	-20.43	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	249.09	58.28
		<i>For >50 To 100, Deduct</i>	-15.37	
		<i>For >100, Deduct</i>	-21.60	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	255.54	58.28
		<i>For >50 To 100, Deduct</i>	-15.69	
		<i>For >100, Deduct</i>	-22.08	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	257.05	58.28
		<i>For >50 To 100, Deduct</i>	-15.77	
		<i>For >100, Deduct</i>	-22.19	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	262.89	60.81
		<i>For >50 To 100, Deduct</i>	-16.19	
		<i>For >100, Deduct</i>	-22.76	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	276.68	60.81
		<i>For >50 To 100, Deduct</i>	-16.87	
		<i>For >100, Deduct</i>	-23.79	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	291.67	63.34
		<i>For >50 To 100, Deduct</i>	-17.75	
		<i>For >100, Deduct</i>	-25.04	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	242.46	55.74
		<i>For >50 To 100, Deduct</i>	-14.91	
		<i>For >100, Deduct</i>	-20.97	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	242.46	55.74
		<i>For >50 To 100, Deduct</i>	-14.91	
		<i>For >100, Deduct</i>	-20.97	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	256.81	58.28
		<i>For >50 To 100, Deduct</i>	-15.75	
		<i>For >100, Deduct</i>	-22.17	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	263.64	58.28
		<i>For >50 To 100, Deduct</i>	-16.10	
		<i>For >100, Deduct</i>	-22.69	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	265.24	58.28
		<i>For >50 To 100, Deduct</i>	-16.18	
		<i>For >100, Deduct</i>	-22.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0016	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	271.10 -16.60 -23.37	60.81
08 14 16 00-0017	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	285.70 -17.33 -24.47	60.81
08 14 16 00-0018	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	301.27 -18.23 -25.76	63.34
08 14 16 00-0019	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	268.00 -16.19 -22.89 32.87	55.74
08 14 16 00-0020	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	268.00 -16.19 -22.89 32.87	55.74
08 14 16 00-0021	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	284.17 -17.12 -24.23 35.20	58.28
08 14 16 00-0022	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	292.31 -17.53 -24.84 36.91	58.28
08 14 16 00-0023	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	294.23 -17.63 -24.98 37.31	58.28
08 14 16 00-0024	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	300.24 -18.05 -25.56 37.51	60.81
08 14 16 00-0025	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	317.69 -18.93 -26.87 41.17	60.81
08 14 16 00-0026	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	335.30 -19.93 -28.31 43.81	63.34
08 14 16 00-0027 Oak Faced Wood Door (08 14 16 00-0001)					
08 14 16 00-0028	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	264.57 -16.02 -22.63	55.74
08 14 16 00-0029	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	264.57 -16.02 -22.63	55.74
08 14 16 00-0030	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	280.49 -16.94 -23.95	58.28
08 14 16 00-0031	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	288.47 -17.34 -24.55	58.28
08 14 16 00-0032	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	289.88 -17.41 -24.65	58.28
08 14 16 00-0033	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	296.35 -17.86 -25.27	60.81
08 14 16 00-0034	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	313.39 -18.71 -26.54	60.81
08 14 16 00-0035	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	330.75 -19.70 -27.97	63.34
08 14 16 00-0036	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.47 -16.46 -23.30	55.74
08 14 16 00-0037	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.47 -16.46 -23.30	55.74
08 14 16 00-0038	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	290.03 -17.42 -24.67	58.28
08 14 16 00-0039	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	298.47 -17.84 -25.30	58.28
08 14 16 00-0040	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	299.96 -17.91 -25.41	58.28
08 14 16 00-0041	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	306.51 -18.37 -26.03	60.81
08 14 16 00-0042	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	324.55 -19.27 -27.38	60.81

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	342.62	63.34
		<i>For >50 To 100, Deduct</i>	-20.30	
		<i>For >100, Deduct</i>	-28.86	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	305.07	55.74
		<i>For >50 To 100, Deduct</i>	-18.04	
		<i>For >100, Deduct</i>	-25.67	
		<i>For 9' Door Height, Add</i>	40.65	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	305.07	55.74
		<i>For >50 To 100, Deduct</i>	-18.04	
		<i>For >100, Deduct</i>	-25.67	
		<i>For 9' Door Height, Add</i>	40.65	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	323.86	58.28
		<i>For >50 To 100, Deduct</i>	-19.11	
		<i>For >100, Deduct</i>	-27.20	
		<i>For 9' Door Height, Add</i>	43.54	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	333.94	58.28
		<i>For >50 To 100, Deduct</i>	-19.61	
		<i>For >100, Deduct</i>	-27.96	
		<i>For 9' Door Height, Add</i>	45.65	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	335.73	58.28
		<i>For >50 To 100, Deduct</i>	-19.70	
		<i>For >100, Deduct</i>	-28.09	
		<i>For 9' Door Height, Add</i>	46.03	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	342.56	60.81
		<i>For >50 To 100, Deduct</i>	-20.17	
		<i>For >100, Deduct</i>	-28.73	
		<i>For 9' Door Height, Add</i>	46.40	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	364.13	60.81
		<i>For >50 To 100, Deduct</i>	-21.25	
		<i>For >100, Deduct</i>	-30.35	
		<i>For 9' Door Height, Add</i>	50.93	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.73	63.34
		<i>For >50 To 100, Deduct</i>	-22.40	
		<i>For >100, Deduct</i>	-32.02	
		<i>For 9' Door Height, Add</i>	54.19	
08 14 16 00-0052 Maple Faced Wood Door (08 14 16 00-0001)				
08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	295.19	55.74
		<i>For >50 To 100, Deduct</i>	-17.55	
		<i>For >100, Deduct</i>	-24.93	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	295.19	55.74
		<i>For >50 To 100, Deduct</i>	-17.55	
		<i>For >100, Deduct</i>	-24.93	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	313.26	58.28
		<i>For >50 To 100, Deduct</i>	-18.58	
		<i>For >100, Deduct</i>	-26.41	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	322.86	58.28
		<i>For >50 To 100, Deduct</i>	-19.06	
		<i>For >100, Deduct</i>	-27.13	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	324.55	58.28
		<i>For >50 To 100, Deduct</i>	-19.14	
		<i>For >100, Deduct</i>	-27.26	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	331.31	60.81
		<i>For >50 To 100, Deduct</i>	-19.61	
		<i>For >100, Deduct</i>	-27.89	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	351.75	60.81
		<i>For >50 To 100, Deduct</i>	-20.63	
		<i>For >100, Deduct</i>	-29.42	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.56	63.34
		<i>For >50 To 100, Deduct</i>	-21.75	
		<i>For >100, Deduct</i>	-31.03	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	305.86	55.74
		<i>For >50 To 100, Deduct</i>	-18.08	
		<i>For >100, Deduct</i>	-25.73	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	305.86	55.74
		<i>For >50 To 100, Deduct</i>	-18.08	
		<i>For >100, Deduct</i>	-25.73	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	324.73	58.28
		<i>For >50 To 100, Deduct</i>	-19.15	
		<i>For >100, Deduct</i>	-27.27	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	334.86	58.28
		<i>For >50 To 100, Deduct</i>	-19.66	
		<i>For >100, Deduct</i>	-28.03	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	336.65	58.28
		<i>For >50 To 100, Deduct</i>	-19.75	
		<i>For >100, Deduct</i>	-28.16	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	343.48	60.81
		<i>For >50 To 100, Deduct</i>	-20.21	
		<i>For >100, Deduct</i>	-28.80	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.13	60.81
		<i>For >50 To 100, Deduct</i>	-21.30	
		<i>For >100, Deduct</i>	-30.43	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	385.81	63.34
		<i>For >50 To 100, Deduct</i>	-22.46	
		<i>For >100, Deduct</i>	-32.10	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	343.78	55.74
		<i>For >50 To 100, Deduct</i>	-19.98	
		<i>For >100, Deduct</i>	-28.57	
		<i>For 9' Door Height, Add</i>	48.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0070	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	343.78	55.74
			<i>For >50 To 100, Deduct</i>	-19.98	
			<i>For >100, Deduct</i>	-28.57	
			<i>For 9' Door Height, Add</i>	48.78	
08 14 16 00-0071	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	365.31	58.28
			<i>For >50 To 100, Deduct</i>	-21.18	
			<i>For >100, Deduct</i>	-30.31	
			<i>For 9' Door Height, Add</i>	52.24	
08 14 16 00-0072	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	377.41	58.28
			<i>For >50 To 100, Deduct</i>	-21.78	
			<i>For >100, Deduct</i>	-31.22	
			<i>For 9' Door Height, Add</i>	54.78	
08 14 16 00-0073	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	379.56	58.28
			<i>For >50 To 100, Deduct</i>	-21.89	
			<i>For >100, Deduct</i>	-31.38	
			<i>For 9' Door Height, Add</i>	55.23	
08 14 16 00-0074	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	386.75	60.81
			<i>For >50 To 100, Deduct</i>	-22.38	
			<i>For >100, Deduct</i>	-32.05	
			<i>For 9' Door Height, Add</i>	55.68	
08 14 16 00-0075	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	412.65	60.81
			<i>For >50 To 100, Deduct</i>	-23.67	
			<i>For >100, Deduct</i>	-33.99	
			<i>For 9' Door Height, Add</i>	61.12	
08 14 16 00-0076	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	436.34	63.34
			<i>For >50 To 100, Deduct</i>	-24.98	
			<i>For >100, Deduct</i>	-35.89	
			<i>For 9' Door Height, Add</i>	65.03	
08 14 16 00-0077			Lauan Faced Wood Doors <small>(08 14 16 00-0001)</small>		
08 14 16 00-0078	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	204.03	55.74
			<i>For >50 To 100, Deduct</i>	-12.99	
			<i>For >100, Deduct</i>	-18.09	
08 14 16 00-0079	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	204.03	55.74
			<i>For >50 To 100, Deduct</i>	-12.99	
			<i>For >100, Deduct</i>	-18.09	
08 14 16 00-0080	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	215.37	58.28
			<i>For >50 To 100, Deduct</i>	-13.68	
			<i>For >100, Deduct</i>	-19.07	
08 14 16 00-0081	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	220.66	58.28
			<i>For >50 To 100, Deduct</i>	-13.95	
			<i>For >100, Deduct</i>	-19.46	
08 14 16 00-0082	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	222.53	58.28
			<i>For >50 To 100, Deduct</i>	-14.04	
			<i>For >100, Deduct</i>	-19.60	
08 14 16 00-0083	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	229.47	60.81
			<i>For >50 To 100, Deduct</i>	-14.51	
			<i>For >100, Deduct</i>	-20.25	
08 14 16 00-0084	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	239.78	60.81
			<i>For >50 To 100, Deduct</i>	-15.03	
			<i>For >100, Deduct</i>	-21.02	
08 14 16 00-0085	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	252.42	63.34
			<i>For >50 To 100, Deduct</i>	-15.79	
			<i>For >100, Deduct</i>	-22.10	
08 14 16 00-0086	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	209.41	55.74
			<i>For >50 To 100, Deduct</i>	-13.26	
			<i>For >100, Deduct</i>	-18.49	
08 14 16 00-0087	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	209.40	55.74
			<i>For >50 To 100, Deduct</i>	-13.26	
			<i>For >100, Deduct</i>	-18.49	
08 14 16 00-0088	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	221.12	58.28
			<i>For >50 To 100, Deduct</i>	-13.97	
			<i>For >100, Deduct</i>	-19.50	
08 14 16 00-0089	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	226.72	58.28
			<i>For >50 To 100, Deduct</i>	-14.25	
			<i>For >100, Deduct</i>	-19.92	
08 14 16 00-0090	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	228.70	58.28
			<i>For >50 To 100, Deduct</i>	-14.35	
			<i>For >100, Deduct</i>	-20.07	
08 14 16 00-0091	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.74	60.81
			<i>For >50 To 100, Deduct</i>	-14.83	
			<i>For >100, Deduct</i>	-20.72	
08 14 16 00-0092	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	246.66	60.81
			<i>For >50 To 100, Deduct</i>	-15.37	
			<i>For >100, Deduct</i>	-21.54	
08 14 16 00-0093	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	259.73	63.34
			<i>For >50 To 100, Deduct</i>	-16.15	
			<i>For >100, Deduct</i>	-22.65	
08 14 16 00-0094	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	228.51	55.74
			<i>For >50 To 100, Deduct</i>	-14.21	
			<i>For >100, Deduct</i>	-19.93	
			<i>For 9' Door Height, Add</i>	24.58	
08 14 16 00-0095	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	228.49	55.74
			<i>For >50 To 100, Deduct</i>	-14.21	
			<i>For >100, Deduct</i>	-19.92	
			<i>For 9' Door Height, Add</i>	24.57	

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	241.52	58.28
		<i>For >50 To 100, Deduct</i>	-14.99	
		<i>For >100, Deduct</i>	-21.03	
		<i>For 9' Door Height, Add</i>	26.24	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	248.20	58.28
		<i>For >50 To 100, Deduct</i>	-15.32	
		<i>For >100, Deduct</i>	-21.53	
		<i>For 9' Door Height, Add</i>	27.65	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	250.57	58.28
		<i>For >50 To 100, Deduct</i>	-15.44	
		<i>For >100, Deduct</i>	-21.71	
		<i>For 9' Door Height, Add</i>	28.14	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	258.00	60.81
		<i>For >50 To 100, Deduct</i>	-15.94	
		<i>For >100, Deduct</i>	-22.39	
		<i>For 9' Door Height, Add</i>	28.64	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	271.05	60.81
		<i>For >50 To 100, Deduct</i>	-16.59	
		<i>For >100, Deduct</i>	-23.37	
		<i>For 9' Door Height, Add</i>	31.38	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	285.66	63.34
		<i>For >50 To 100, Deduct</i>	-17.45	
		<i>For >100, Deduct</i>	-24.59	
		<i>For 9' Door Height, Add</i>	33.38	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	206.54	55.74
		<i>For >50 To 100, Deduct</i>	-13.11	
		<i>For >100, Deduct</i>	-18.28	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	206.54	55.74
		<i>For >50 To 100, Deduct</i>	-13.11	
		<i>For >100, Deduct</i>	-18.28	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	218.54	58.28
		<i>For >50 To 100, Deduct</i>	-13.84	
		<i>For >100, Deduct</i>	-19.30	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	221.81	58.28
		<i>For >50 To 100, Deduct</i>	-14.00	
		<i>For >100, Deduct</i>	-19.55	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	225.12	58.28
		<i>For >50 To 100, Deduct</i>	-14.17	
		<i>For >100, Deduct</i>	-19.80	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	233.46	60.81
		<i>For >50 To 100, Deduct</i>	-14.71	
		<i>For >100, Deduct</i>	-20.55	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	245.77	60.81
		<i>For >50 To 100, Deduct</i>	-15.33	
		<i>For >100, Deduct</i>	-21.47	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	258.77	63.34
		<i>For >50 To 100, Deduct</i>	-16.11	
		<i>For >100, Deduct</i>	-22.58	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	212.06	55.74
		<i>For >50 To 100, Deduct</i>	-13.39	
		<i>For >100, Deduct</i>	-18.69	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	212.06	55.74
		<i>For >50 To 100, Deduct</i>	-13.39	
		<i>For >100, Deduct</i>	-18.69	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	224.47	58.28
		<i>For >50 To 100, Deduct</i>	-14.14	
		<i>For >100, Deduct</i>	-19.75	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	227.95	58.28
		<i>For >50 To 100, Deduct</i>	-14.31	
		<i>For >100, Deduct</i>	-20.01	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	231.44	58.28
		<i>For >50 To 100, Deduct</i>	-14.49	
		<i>For >100, Deduct</i>	-20.27	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	239.98	60.81
		<i>For >50 To 100, Deduct</i>	-15.04	
		<i>For >100, Deduct</i>	-21.04	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	253.00	60.81
		<i>For >50 To 100, Deduct</i>	-15.69	
		<i>For >100, Deduct</i>	-22.02	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	266.46	63.34
		<i>For >50 To 100, Deduct</i>	-16.49	
		<i>For >100, Deduct</i>	-23.15	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	231.66	55.74
		<i>For >50 To 100, Deduct</i>	-14.37	
		<i>For >100, Deduct</i>	-20.16	
		<i>For 9' Door Height, Add</i>	25.24	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	231.69	55.74
		<i>For >50 To 100, Deduct</i>	-14.37	
		<i>For >100, Deduct</i>	-20.16	
		<i>For 9' Door Height, Add</i>	25.24	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	245.51	58.28
		<i>For >50 To 100, Deduct</i>	-15.19	
		<i>For >100, Deduct</i>	-21.33	
		<i>For 9' Door Height, Add</i>	27.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0122	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	249.68	58.28
			<i>For >50 To 100, Deduct</i>	-15.40	
			<i>For >100, Deduct</i>	-21.64	
			<i>For 9' Door Height, Add</i>	27.96	
08 14 16 00-0123	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	253.85	58.28
			<i>For >50 To 100, Deduct</i>	-15.61	
			<i>For >100, Deduct</i>	-21.95	
			<i>For 9' Door Height, Add</i>	28.83	
08 14 16 00-0124	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	263.06	60.81
			<i>For >50 To 100, Deduct</i>	-16.19	
			<i>For >100, Deduct</i>	-22.77	
			<i>For 9' Door Height, Add</i>	29.70	
08 14 16 00-0125	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	278.62	60.81
			<i>For >50 To 100, Deduct</i>	-16.97	
			<i>For >100, Deduct</i>	-23.94	
			<i>For 9' Door Height, Add</i>	32.97	
08 14 16 00-0126	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	293.72	63.34
			<i>For >50 To 100, Deduct</i>	-17.85	
			<i>For >100, Deduct</i>	-25.20	
			<i>For 9' Door Height, Add</i>	35.08	
08 14 16 00-0127			1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16 00-0128			Birch Faced Wood Doors (08 14 16 00-0127)		
08 14 16 00-0129	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	266.18	55.74
			<i>For >50 To 100, Deduct</i>	-16.10	
			<i>For >100, Deduct</i>	-22.75	
08 14 16 00-0130	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	266.18	55.74
			<i>For >50 To 100, Deduct</i>	-16.10	
			<i>For >100, Deduct</i>	-22.75	
08 14 16 00-0131	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	277.08	58.28
			<i>For >50 To 100, Deduct</i>	-16.77	
			<i>For >100, Deduct</i>	-23.69	
08 14 16 00-0132	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	279.26	58.28
			<i>For >50 To 100, Deduct</i>	-16.88	
			<i>For >100, Deduct</i>	-23.86	
08 14 16 00-0133	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	284.02	58.28
			<i>For >50 To 100, Deduct</i>	-17.11	
			<i>For >100, Deduct</i>	-24.22	
08 14 16 00-0134	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	293.85	60.81
			<i>For >50 To 100, Deduct</i>	-17.73	
			<i>For >100, Deduct</i>	-25.08	
08 14 16 00-0135	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	319.10	60.81
			<i>For >50 To 100, Deduct</i>	-19.00	
			<i>For >100, Deduct</i>	-26.97	
08 14 16 00-0136	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	375.42	63.34
			<i>For >50 To 100, Deduct</i>	-21.94	
			<i>For >100, Deduct</i>	-31.32	
08 14 16 00-0137	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	387.86	63.34
			<i>For >50 To 100, Deduct</i>	-22.56	
			<i>For >100, Deduct</i>	-32.26	
08 14 16 00-0138	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	412.73	63.34
			<i>For >50 To 100, Deduct</i>	-23.80	
			<i>For >100, Deduct</i>	-34.12	
08 14 16 00-0139	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	275.19	55.74
			<i>For >50 To 100, Deduct</i>	-16.55	
			<i>For >100, Deduct</i>	-23.43	
08 14 16 00-0140	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	275.19	55.74
			<i>For >50 To 100, Deduct</i>	-16.55	
			<i>For >100, Deduct</i>	-23.43	
08 14 16 00-0141	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	286.42	58.28
			<i>For >50 To 100, Deduct</i>	-17.23	
			<i>For >100, Deduct</i>	-24.40	
08 14 16 00-0142	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	288.73	58.28
			<i>For >50 To 100, Deduct</i>	-17.35	
			<i>For >100, Deduct</i>	-24.57	
08 14 16 00-0143	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	293.77	58.28
			<i>For >50 To 100, Deduct</i>	-17.60	
			<i>For >100, Deduct</i>	-24.95	
08 14 16 00-0144	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	303.86	60.81
			<i>For >50 To 100, Deduct</i>	-18.23	
			<i>For >100, Deduct</i>	-25.83	
08 14 16 00-0145	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	330.59	60.81
			<i>For >50 To 100, Deduct</i>	-19.57	
			<i>For >100, Deduct</i>	-27.83	
08 14 16 00-0146	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	389.91	63.34
			<i>For >50 To 100, Deduct</i>	-22.66	
			<i>For >100, Deduct</i>	-32.41	
08 14 16 00-0147	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	403.06	63.34
			<i>For >50 To 100, Deduct</i>	-23.32	
			<i>For >100, Deduct</i>	-33.40	
08 14 16 00-0148	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	429.38	63.34
			<i>For >50 To 100, Deduct</i>	-24.64	
			<i>For >100, Deduct</i>	-35.37	
08 14 16 00-0149	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	307.12	55.74
			<i>For >50 To 100, Deduct</i>	-18.14	
			<i>For >100, Deduct</i>	-25.82	
			<i>For 9' Door Height, Add</i>	41.08	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	307.12	55.74
		<i>For >50 To 100, Deduct</i>	-18.14	
		<i>For >100, Deduct</i>	-25.82	
		<i>For 9' Door Height, Add</i>	41.08	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	319.56	58.28
		<i>For >50 To 100, Deduct</i>	-18.89	
		<i>For >100, Deduct</i>	-26.88	
		<i>For 9' Door Height, Add</i>	42.63	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	322.30	58.28
		<i>For >50 To 100, Deduct</i>	-19.03	
		<i>For >100, Deduct</i>	-27.09	
		<i>For 9' Door Height, Add</i>	43.21	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	328.33	58.28
		<i>For >50 To 100, Deduct</i>	-19.33	
		<i>For >100, Deduct</i>	-27.54	
		<i>For 9' Door Height, Add</i>	44.47	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	339.39	60.81
		<i>For >50 To 100, Deduct</i>	-20.01	
		<i>For >100, Deduct</i>	-28.49	
		<i>For 9' Door Height, Add</i>	45.73	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	371.35	60.81
		<i>For >50 To 100, Deduct</i>	-21.61	
		<i>For >100, Deduct</i>	-30.89	
		<i>For 9' Door Height, Add</i>	52.44	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	441.23	63.34
		<i>For >50 To 100, Deduct</i>	-25.23	
		<i>For >100, Deduct</i>	-36.26	
		<i>For 9' Door Height, Add</i>	66.05	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	456.94	63.34
		<i>For >50 To 100, Deduct</i>	-26.01	
		<i>For >100, Deduct</i>	-37.44	
		<i>For 9' Door Height, Add</i>	69.35	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	488.41	63.34
		<i>For >50 To 100, Deduct</i>	-27.59	
		<i>For >100, Deduct</i>	-39.80	
		<i>For 9' Door Height, Add</i>	75.96	

08 14 16 00-0159 Oak Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	315.05	55.74
		<i>For >50 To 100, Deduct</i>	-18.54	
		<i>For >100, Deduct</i>	-26.42	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	315.05	55.74
		<i>For >50 To 100, Deduct</i>	-18.54	
		<i>For >100, Deduct</i>	-26.42	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	327.77	58.28
		<i>For >50 To 100, Deduct</i>	-19.30	
		<i>For >100, Deduct</i>	-27.50	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	330.64	58.28
		<i>For >50 To 100, Deduct</i>	-19.45	
		<i>For >100, Deduct</i>	-27.71	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	336.91	58.28
		<i>For >50 To 100, Deduct</i>	-19.76	
		<i>For >100, Deduct</i>	-28.18	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	348.22	60.81
		<i>For >50 To 100, Deduct</i>	-20.45	
		<i>For >100, Deduct</i>	-29.16	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	381.46	60.81
		<i>For >50 To 100, Deduct</i>	-22.11	
		<i>For >100, Deduct</i>	-31.65	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	453.97	63.34
		<i>For >50 To 100, Deduct</i>	-25.87	
		<i>For >100, Deduct</i>	-37.22	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	470.35	63.34
		<i>For >50 To 100, Deduct</i>	-26.68	
		<i>For >100, Deduct</i>	-38.44	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	503.10	63.34
		<i>For >50 To 100, Deduct</i>	-28.32	
		<i>For >100, Deduct</i>	-40.90	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	326.89	55.74
		<i>For >50 To 100, Deduct</i>	-19.13	
		<i>For >100, Deduct</i>	-27.30	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	326.90	55.74
		<i>For >50 To 100, Deduct</i>	-19.13	
		<i>For >100, Deduct</i>	-27.30	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	340.06	58.28
		<i>For >50 To 100, Deduct</i>	-19.92	
		<i>For >100, Deduct</i>	-28.42	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	343.10	58.28
		<i>For >50 To 100, Deduct</i>	-20.07	
		<i>For >100, Deduct</i>	-28.65	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	349.72	58.28
		<i>For >50 To 100, Deduct</i>	-20.40	
		<i>For >100, Deduct</i>	-29.14	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	361.40	60.81
		<i>For >50 To 100, Deduct</i>	-21.11	
		<i>For >100, Deduct</i>	-30.15	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	396.58	60.81
		<i>For >50 To 100, Deduct</i>	-22.87	
		<i>For >100, Deduct</i>	-32.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0177	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	473.02	63.34
			<i>For >50 To 100, Deduct</i>	-26.82	
			<i>For >100, Deduct</i>	-38.64	
08 14 16 00-0178	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	490.36	63.34
			<i>For >50 To 100, Deduct</i>	-27.69	
			<i>For >100, Deduct</i>	-39.94	
08 14 16 00-0179	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	525.00	63.34
			<i>For >50 To 100, Deduct</i>	-29.42	
			<i>For >100, Deduct</i>	-42.54	
08 14 16 00-0180	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	368.89	55.74
			<i>For >50 To 100, Deduct</i>	-21.23	
			<i>For >100, Deduct</i>	-30.45	
			<i>For 9' Door Height, Add</i>	54.06	
08 14 16 00-0181	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	368.91	55.74
			<i>For >50 To 100, Deduct</i>	-21.23	
			<i>For >100, Deduct</i>	-30.46	
			<i>For 9' Door Height, Add</i>	54.06	
08 14 16 00-0182	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	383.65	58.28
			<i>For >50 To 100, Deduct</i>	-22.10	
			<i>For >100, Deduct</i>	-31.69	
			<i>For 9' Door Height, Add</i>	56.09	
08 14 16 00-0183	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	387.26	58.28
			<i>For >50 To 100, Deduct</i>	-22.28	
			<i>For >100, Deduct</i>	-31.96	
			<i>For 9' Door Height, Add</i>	56.85	
08 14 16 00-0184	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	395.19	58.28
			<i>For >50 To 100, Deduct</i>	-22.67	
			<i>For >100, Deduct</i>	-32.55	
			<i>For 9' Door Height, Add</i>	58.51	
08 14 16 00-0185	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	408.17	60.81
			<i>For >50 To 100, Deduct</i>	-23.45	
			<i>For >100, Deduct</i>	-33.65	
			<i>For 9' Door Height, Add</i>	60.18	
08 14 16 00-0186	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	450.21	60.81
			<i>For >50 To 100, Deduct</i>	-25.55	
			<i>For >100, Deduct</i>	-36.81	
			<i>For 9' Door Height, Add</i>	69.00	
08 14 16 00-0187	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	540.56	63.34
			<i>For >50 To 100, Deduct</i>	-30.20	
			<i>For >100, Deduct</i>	-43.71	
			<i>For 9' Door Height, Add</i>	86.91	
08 14 16 00-0188	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	561.29	63.34
			<i>For >50 To 100, Deduct</i>	-31.23	
			<i>For >100, Deduct</i>	-45.26	
			<i>For 9' Door Height, Add</i>	91.27	
08 14 16 00-0189	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	602.69	63.34
			<i>For >50 To 100, Deduct</i>	-33.30	
			<i>For >100, Deduct</i>	-48.37	
			<i>For 9' Door Height, Add</i>	99.96	
08 14 16 00-0190			Maple Faced Wood Doors <small>(08 14 16 00-0127)</small>		
08 14 16 00-0191	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	355.76	55.74
			<i>For >50 To 100, Deduct</i>	-20.58	
			<i>For >100, Deduct</i>	-29.47	
08 14 16 00-0192	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	355.76	55.74
			<i>For >50 To 100, Deduct</i>	-20.58	
			<i>For >100, Deduct</i>	-29.47	
08 14 16 00-0193	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	370.01	58.28
			<i>For >50 To 100, Deduct</i>	-21.41	
			<i>For >100, Deduct</i>	-30.66	
08 14 16 00-0194	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	373.60	58.28
			<i>For >50 To 100, Deduct</i>	-21.59	
			<i>For >100, Deduct</i>	-30.93	
08 14 16 00-0195	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	381.04	58.28
			<i>For >50 To 100, Deduct</i>	-21.97	
			<i>For >100, Deduct</i>	-31.49	
08 14 16 00-0196	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	393.53	60.81
			<i>For >50 To 100, Deduct</i>	-22.72	
			<i>For >100, Deduct</i>	-32.56	
08 14 16 00-0197	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	433.42	60.81
			<i>For >50 To 100, Deduct</i>	-24.71	
			<i>For >100, Deduct</i>	-35.55	
08 14 16 00-0198	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	499.90	63.34
			<i>For >50 To 100, Deduct</i>	-28.16	
			<i>For >100, Deduct</i>	-40.66	
08 14 16 00-0199	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	539.08	63.34
			<i>For >50 To 100, Deduct</i>	-30.12	
			<i>For >100, Deduct</i>	-43.60	
08 14 16 00-0200	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	578.38	63.34
			<i>For >50 To 100, Deduct</i>	-32.09	
			<i>For >100, Deduct</i>	-46.55	
08 14 16 00-0201	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	369.99	55.74
			<i>For >50 To 100, Deduct</i>	-21.29	
			<i>For >100, Deduct</i>	-30.54	
08 14 16 00-0202	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	369.99	55.74
			<i>For >50 To 100, Deduct</i>	-21.29	
			<i>For >100, Deduct</i>	-30.54	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	384.75	58.28
		<i>For >50 To 100, Deduct</i>	-22.15	
		<i>For >100, Deduct</i>	-31.77	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	388.57	58.28
		<i>For >50 To 100, Deduct</i>	-22.34	
		<i>For >100, Deduct</i>	-32.06	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	396.42	58.28
		<i>For >50 To 100, Deduct</i>	-22.73	
		<i>For >100, Deduct</i>	-32.65	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	409.35	60.81
		<i>For >50 To 100, Deduct</i>	-23.51	
		<i>For >100, Deduct</i>	-33.74	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.56	60.81
		<i>For >50 To 100, Deduct</i>	-25.62	
		<i>For >100, Deduct</i>	-36.91	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	521.52	63.34
		<i>For >50 To 100, Deduct</i>	-29.24	
		<i>For >100, Deduct</i>	-42.28	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	563.10	63.34
		<i>For >50 To 100, Deduct</i>	-31.32	
		<i>For >100, Deduct</i>	-45.40	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	604.66	63.34
		<i>For >50 To 100, Deduct</i>	-33.40	
		<i>For >100, Deduct</i>	-48.52	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	420.39	55.74
		<i>For >50 To 100, Deduct</i>	-23.81	
		<i>For >100, Deduct</i>	-34.32	
		<i>For 9' Door Height, Add</i>	64.87	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	420.39	55.74
		<i>For >50 To 100, Deduct</i>	-23.81	
		<i>For >100, Deduct</i>	-34.32	
		<i>For 9' Door Height, Add</i>	64.87	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	437.05	58.28
		<i>For >50 To 100, Deduct</i>	-24.77	
		<i>For >100, Deduct</i>	-35.69	
		<i>For 9' Door Height, Add</i>	67.31	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	441.61	58.28
		<i>For >50 To 100, Deduct</i>	-24.99	
		<i>For >100, Deduct</i>	-36.03	
		<i>For 9' Door Height, Add</i>	68.26	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	450.97	58.28
		<i>For >50 To 100, Deduct</i>	-25.46	
		<i>For >100, Deduct</i>	-36.74	
		<i>For 9' Door Height, Add</i>	70.23	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	465.46	60.81
		<i>For >50 To 100, Deduct</i>	-26.31	
		<i>For >100, Deduct</i>	-37.95	
		<i>For 9' Door Height, Add</i>	72.21	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	515.89	60.81
		<i>For >50 To 100, Deduct</i>	-28.84	
		<i>For >100, Deduct</i>	-41.73	
		<i>For 9' Door Height, Add</i>	82.80	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	598.54	63.34
		<i>For >50 To 100, Deduct</i>	-33.09	
		<i>For >100, Deduct</i>	-48.06	
		<i>For 9' Door Height, Add</i>	99.09	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	648.20	63.34
		<i>For >50 To 100, Deduct</i>	-35.58	
		<i>For >100, Deduct</i>	-51.78	
		<i>For 9' Door Height, Add</i>	109.52	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	697.89	63.34
		<i>For >50 To 100, Deduct</i>	-38.06	
		<i>For >100, Deduct</i>	-55.51	
		<i>For 9' Door Height, Add</i>	119.95	

08 14 16 00-0221 Walnut Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	387.26	55.74
		<i>For >50 To 100, Deduct</i>	-22.15	
		<i>For >100, Deduct</i>	-31.83	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	387.26	55.74
		<i>For >50 To 100, Deduct</i>	-22.15	
		<i>For >100, Deduct</i>	-31.83	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	394.25	58.28
		<i>For >50 To 100, Deduct</i>	-22.63	
		<i>For >100, Deduct</i>	-32.48	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	406.48	58.28
		<i>For >50 To 100, Deduct</i>	-23.24	
		<i>For >100, Deduct</i>	-33.40	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	408.34	58.28
		<i>For >50 To 100, Deduct</i>	-23.33	
		<i>For >100, Deduct</i>	-33.54	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	415.28	60.81
		<i>For >50 To 100, Deduct</i>	-23.80	
		<i>For >100, Deduct</i>	-34.19	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	448.06	60.81
		<i>For >50 To 100, Deduct</i>	-25.44	
		<i>For >100, Deduct</i>	-36.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0229	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	537.75 -30.05 -43.50	63.34
08 14 16 00-0230	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	558.29 -31.08 -45.04	63.34
08 14 16 00-0231	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	599.44 -33.14 -48.13	63.34
08 14 16 00-0232	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	403.30 -22.95 -33.03	55.74
08 14 16 00-0233	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	403.30 -22.95 -33.03	55.74
08 14 16 00-0234	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	410.42 -23.43 -33.70	58.28
08 14 16 00-0235	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	423.34 -24.08 -34.66	58.28
08 14 16 00-0236	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	425.33 -24.18 -34.81	58.28
08 14 16 00-0237	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	432.37 -24.66 -35.47	60.81
08 14 16 00-0238	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	467.04 -26.39 -38.07	60.81
08 14 16 00-0239	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	561.67 -31.25 -45.29	63.34
08 14 16 00-0240	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	583.42 -32.34 -46.92	63.34
08 14 16 00-0241	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	626.94 -34.51 -50.19	63.34
08 14 16 00-0242	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	460.21 -25.80 -37.30 73.23	55.74
08 14 16 00-0243	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	460.21 -25.80 -37.30 73.23	55.74
08 14 16 00-0244	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	467.73 -26.30 -37.99 73.75	58.28
08 14 16 00-0245	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	483.16 -27.07 -39.15 76.99	58.28
08 14 16 00-0246	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	485.54 -27.19 -39.33 77.49	58.28
08 14 16 00-0247	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	492.96 -27.69 -40.01 77.98	60.81
08 14 16 00-0248	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	534.42 -29.76 -43.12 86.69	60.81
08 14 16 00-0249	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	646.49 -35.49 -51.65 109.16	63.34
08 14 16 00-0250	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	672.49 -36.79 -53.60 114.62	63.34
08 14 16 00-0251	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	724.48 -39.39 -57.50 125.54	63.34
08 14 16 00-0252			Lauan Faced Wood Doors <small>(08 14 16 00-0127)</small>		
08 14 16 00-0253	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.05 -14.24 -19.97	55.74
08 14 16 00-0254	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.05 -14.24 -19.97	55.74

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0255	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.21	58.28
			<i>For >50 To 100, Deduct</i>	-15.02	
			<i>For >100, Deduct</i>	-21.08	
08 14 16 00-0256	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	248.78	58.28
			<i>For >50 To 100, Deduct</i>	-15.35	
			<i>For >100, Deduct</i>	-21.57	
08 14 16 00-0257	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	250.09	58.28
			<i>For >50 To 100, Deduct</i>	-15.42	
			<i>For >100, Deduct</i>	-21.67	
08 14 16 00-0258	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	256.46	60.81
			<i>For >50 To 100, Deduct</i>	-15.86	
			<i>For >100, Deduct</i>	-22.28	
08 14 16 00-0259	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	271.28	60.81
			<i>For >50 To 100, Deduct</i>	-16.60	
			<i>For >100, Deduct</i>	-23.39	
08 14 16 00-0260	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	295.46	63.34
			<i>For >50 To 100, Deduct</i>	-17.94	
			<i>For >100, Deduct</i>	-25.33	
08 14 16 00-0261	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	303.88	63.34
			<i>For >50 To 100, Deduct</i>	-18.36	
			<i>For >100, Deduct</i>	-25.96	
08 14 16 00-0262	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	320.77	63.34
			<i>For >50 To 100, Deduct</i>	-19.21	
			<i>For >100, Deduct</i>	-27.23	
08 14 16 00-0263	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.88	55.74
			<i>For >50 To 100, Deduct</i>	-14.58	
			<i>For >100, Deduct</i>	-20.48	
08 14 16 00-0264	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.88	55.74
			<i>For >50 To 100, Deduct</i>	-14.58	
			<i>For >100, Deduct</i>	-20.48	
08 14 16 00-0265	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	249.53	58.28
			<i>For >50 To 100, Deduct</i>	-15.39	
			<i>For >100, Deduct</i>	-21.63	
08 14 16 00-0266	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	256.49	58.28
			<i>For >50 To 100, Deduct</i>	-15.74	
			<i>For >100, Deduct</i>	-22.15	
08 14 16 00-0267	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	257.87	58.28
			<i>For >50 To 100, Deduct</i>	-15.81	
			<i>For >100, Deduct</i>	-22.25	
08 14 16 00-0268	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	264.31	60.81
			<i>For >50 To 100, Deduct</i>	-16.26	
			<i>For >100, Deduct</i>	-22.86	
08 14 16 00-0269	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	280.00	60.81
			<i>For >50 To 100, Deduct</i>	-17.04	
			<i>For >100, Deduct</i>	-24.04	
08 14 16 00-0270	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	305.27	63.34
			<i>For >50 To 100, Deduct</i>	-18.43	
			<i>For >100, Deduct</i>	-26.06	
08 14 16 00-0271	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	314.19	63.34
			<i>For >50 To 100, Deduct</i>	-18.88	
			<i>For >100, Deduct</i>	-26.73	
08 14 16 00-0272	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	332.05	63.34
			<i>For >50 To 100, Deduct</i>	-19.77	
			<i>For >100, Deduct</i>	-28.07	
08 14 16 00-0273	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	260.14	55.74
			<i>For >50 To 100, Deduct</i>	-15.79	
			<i>For >100, Deduct</i>	-22.30	
			<i>For 9' Door Height, Add</i>	31.22	
08 14 16 00-0274	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	260.14	55.74
			<i>For >50 To 100, Deduct</i>	-15.79	
			<i>For >100, Deduct</i>	-22.30	
			<i>For 9' Door Height, Add</i>	31.22	
08 14 16 00-0275	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	275.45	58.28
			<i>For >50 To 100, Deduct</i>	-16.69	
			<i>For >100, Deduct</i>	-23.57	
			<i>For 9' Door Height, Add</i>	33.37	
08 14 16 00-0276	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	283.76	58.28
			<i>For >50 To 100, Deduct</i>	-17.10	
			<i>For >100, Deduct</i>	-24.20	
			<i>For 9' Door Height, Add</i>	35.11	
08 14 16 00-0277	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	285.42	58.28
			<i>For >50 To 100, Deduct</i>	-17.18	
			<i>For >100, Deduct</i>	-24.32	
			<i>For 9' Door Height, Add</i>	35.46	
08 14 16 00-0278	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	292.13	60.81
			<i>For >50 To 100, Deduct</i>	-17.65	
			<i>For >100, Deduct</i>	-24.95	
			<i>For 9' Door Height, Add</i>	35.81	
08 14 16 00-0279	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	310.89	60.81
			<i>For >50 To 100, Deduct</i>	-18.59	
			<i>For >100, Deduct</i>	-26.36	
			<i>For 9' Door Height, Add</i>	39.75	
08 14 16 00-0280	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	340.09	63.34
			<i>For >50 To 100, Deduct</i>	-20.17	
			<i>For >100, Deduct</i>	-28.67	
			<i>For 9' Door Height, Add</i>	44.81	
08 14 16 00-0281	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	350.76	63.34
			<i>For >50 To 100, Deduct</i>	-20.71	
			<i>For >100, Deduct</i>	-29.47	
			<i>For 9' Door Height, Add</i>	47.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0282	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	372.09	63.34
			<i>For >50 To 100, Deduct</i>	-21.77	
			<i>For >100, Deduct</i>	-31.07	
			<i>For 9' Door Height, Add</i>	51.53	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0127)

08 14 16 00-0284	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	229.90	55.74
			<i>For >50 To 100, Deduct</i>	-14.28	
			<i>For >100, Deduct</i>	-20.03	
08 14 16 00-0285	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	229.92	55.74
			<i>For >50 To 100, Deduct</i>	-14.28	
			<i>For >100, Deduct</i>	-20.03	
08 14 16 00-0286	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	238.27	58.28
			<i>For >50 To 100, Deduct</i>	-14.83	
			<i>For >100, Deduct</i>	-20.78	
08 14 16 00-0287	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	244.87	58.28
			<i>For >50 To 100, Deduct</i>	-15.16	
			<i>For >100, Deduct</i>	-21.28	
08 14 16 00-0288	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	248.17	58.28
			<i>For >50 To 100, Deduct</i>	-15.32	
			<i>For >100, Deduct</i>	-21.53	
08 14 16 00-0289	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	256.49	60.81
			<i>For >50 To 100, Deduct</i>	-15.87	
			<i>For >100, Deduct</i>	-22.28	
08 14 16 00-0290	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	264.01	60.81
			<i>For >50 To 100, Deduct</i>	-16.24	
			<i>For >100, Deduct</i>	-22.84	
08 14 16 00-0291	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	293.54	63.34
			<i>For >50 To 100, Deduct</i>	-17.84	
			<i>For >100, Deduct</i>	-25.18	
08 14 16 00-0292	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	301.88	63.34
			<i>For >50 To 100, Deduct</i>	-18.26	
			<i>For >100, Deduct</i>	-25.81	
08 14 16 00-0293	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	318.59	63.34
			<i>For >50 To 100, Deduct</i>	-19.10	
			<i>For >100, Deduct</i>	-27.06	
08 14 16 00-0294	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	236.80	55.74
			<i>For >50 To 100, Deduct</i>	-14.63	
			<i>For >100, Deduct</i>	-20.55	
08 14 16 00-0295	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	236.81	55.74
			<i>For >50 To 100, Deduct</i>	-14.63	
			<i>For >100, Deduct</i>	-20.55	
08 14 16 00-0296	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	245.34	58.28
			<i>For >50 To 100, Deduct</i>	-15.18	
			<i>For >100, Deduct</i>	-21.31	
08 14 16 00-0297	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	252.33	58.28
			<i>For >50 To 100, Deduct</i>	-15.53	
			<i>For >100, Deduct</i>	-21.84	
08 14 16 00-0298	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	255.82	58.28
			<i>For >50 To 100, Deduct</i>	-15.70	
			<i>For >100, Deduct</i>	-22.10	
08 14 16 00-0299	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	264.35	60.81
			<i>For >50 To 100, Deduct</i>	-16.26	
			<i>For >100, Deduct</i>	-22.87	
08 14 16 00-0300	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	272.31	60.81
			<i>For >50 To 100, Deduct</i>	-16.66	
			<i>For >100, Deduct</i>	-23.46	
08 14 16 00-0301	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	303.27	63.34
			<i>For >50 To 100, Deduct</i>	-18.33	
			<i>For >100, Deduct</i>	-25.91	
08 14 16 00-0302	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	312.09	63.34
			<i>For >50 To 100, Deduct</i>	-18.77	
			<i>For >100, Deduct</i>	-26.57	
08 14 16 00-0303	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	329.75	63.34
			<i>For >50 To 100, Deduct</i>	-19.65	
			<i>For >100, Deduct</i>	-27.90	
08 14 16 00-0304	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.24	55.74
			<i>For >50 To 100, Deduct</i>	-15.85	
			<i>For >100, Deduct</i>	-22.38	
			<i>For 9' Door Height, Add</i>	31.45	
08 14 16 00-0305	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.24	55.74
			<i>For >50 To 100, Deduct</i>	-15.85	
			<i>For >100, Deduct</i>	-22.38	
			<i>For 9' Door Height, Add</i>	31.45	
08 14 16 00-0306	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	270.46	58.28
			<i>For >50 To 100, Deduct</i>	-16.44	
			<i>For >100, Deduct</i>	-23.20	
			<i>For 9' Door Height, Add</i>	32.32	
08 14 16 00-0307	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	278.80	58.28
			<i>For >50 To 100, Deduct</i>	-16.85	
			<i>For >100, Deduct</i>	-23.82	
			<i>For 9' Door Height, Add</i>	34.07	
08 14 16 00-0308	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	282.97	58.28
			<i>For >50 To 100, Deduct</i>	-17.06	
			<i>For >100, Deduct</i>	-24.14	
			<i>For 9' Door Height, Add</i>	34.95	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	292.18	60.81
		<i>For >50 To 100, Deduct</i>	-17.65	
		<i>For >100, Deduct</i>	-24.95	
		<i>For 9' Door Height, Add</i>	35.82	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	301.70	60.81
		<i>For >50 To 100, Deduct</i>	-18.13	
		<i>For >100, Deduct</i>	-25.67	
		<i>For 9' Door Height, Add</i>	37.82	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	337.71	63.34
		<i>For >50 To 100, Deduct</i>	-20.05	
		<i>For >100, Deduct</i>	-28.50	
		<i>For 9' Door Height, Add</i>	44.31	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	348.25	63.34
		<i>For >50 To 100, Deduct</i>	-20.58	
		<i>For >100, Deduct</i>	-29.29	
		<i>For 9' Door Height, Add</i>	46.53	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	369.36	63.34
		<i>For >50 To 100, Deduct</i>	-21.64	
		<i>For >100, Deduct</i>	-30.87	
		<i>For 9' Door Height, Add</i>	50.96	
08 14 16 00-0314		1-3/8" Thick, Particleboard Core (PC), Wood Doors <small>(08 14 16)</small>		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315		Birch Faced Wood Doors <small>(08 14 16 00-0314)</small>		
08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	269.07	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.15	
		<i>For Stave Lumber Core (SLC), Add</i>	118.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	70.92	
		<i>For >50 To 100, Deduct</i>	-16.24	
		<i>For >100, Deduct</i>	-22.97	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	269.10	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.15	
		<i>For Stave Lumber Core (SLC), Add</i>	118.22	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	70.93	
		<i>For >50 To 100, Deduct</i>	-16.24	
		<i>For >100, Deduct</i>	-22.97	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	282.43	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.32	
		<i>For Stave Lumber Core (SLC), Add</i>	124.41	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	74.65	
		<i>For >50 To 100, Deduct</i>	-17.04	
		<i>For >100, Deduct</i>	-24.10	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	290.70	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.48	
		<i>For Stave Lumber Core (SLC), Add</i>	130.61	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	78.37	
		<i>For >50 To 100, Deduct</i>	-17.45	
		<i>For >100, Deduct</i>	-24.72	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	295.74	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.58	
		<i>For Stave Lumber Core (SLC), Add</i>	134.39	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	80.64	
		<i>For >50 To 100, Deduct</i>	-17.70	
		<i>For >100, Deduct</i>	-25.09	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	305.87	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.69	
		<i>For Stave Lumber Core (SLC), Add</i>	138.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	82.91	
		<i>For >50 To 100, Deduct</i>	-18.33	
		<i>For >100, Deduct</i>	-25.98	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	326.09	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.09	
		<i>For Stave Lumber Core (SLC), Add</i>	153.35	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.01	
		<i>For >50 To 100, Deduct</i>	-19.35	
		<i>For >100, Deduct</i>	-27.50	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	344.23	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.35	
		<i>For Stave Lumber Core (SLC), Add</i>	163.16	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	97.89	
		<i>For >50 To 100, Deduct</i>	-20.38	
		<i>For >100, Deduct</i>	-28.98	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	278.25	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.34	
		<i>For Stave Lumber Core (SLC), Add</i>	125.08	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	75.05	
		<i>For >50 To 100, Deduct</i>	-16.70	
		<i>For >100, Deduct</i>	-23.66	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	278.26	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.34	
		<i>For Stave Lumber Core (SLC), Add</i>	125.09	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	75.05	
		<i>For >50 To 100, Deduct</i>	-16.70	
		<i>For >100, Deduct</i>	-23.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0326	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	292.08 -3.51 131.65 78.99 -17.52 -24.82	58.28
08 14 16 00-0327	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	300.84 -3.69 138.22 82.93 -17.96 -25.48	58.28
08 14 16 00-0328	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	306.18 -3.79 142.22 85.33 -18.22 -25.88	58.28
08 14 16 00-0329	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	316.59 -3.90 146.23 87.74 -18.87 -26.78	60.81
08 14 16 00-0330	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	337.99 -4.33 162.28 97.37 -19.94 -28.39	60.81
08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	356.89 -4.60 172.65 103.59 -21.01 -29.93	63.34
08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	310.78 -3.99 149.48 89.69 -18.33 -26.10	55.74
08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	310.78 -3.99 149.48 89.69 -18.33 -26.10 41.85	55.74
08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	326.31 -4.20 157.32 94.39 -19.23 -27.39 44.05	58.28
08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	336.78 -4.40 165.17 99.10 -19.75 -28.17 46.25	58.28
08 14 16 00-0336	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	343.15 -4.53 169.95 101.97 -20.07 -28.65 47.59	58.28
08 14 16 00-0337	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	354.62 -4.66 174.75 104.85 -20.77 -29.64 48.93	60.81
08 14 16 00-0338	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	380.18 -5.17 193.92 116.35 -22.05 -31.55 54.30	60.81

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	401.78	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.50	
		<i>For Stave Lumber Core (SLC), Add</i>	206.32	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.79	
		<i>For >50 To 100, Deduct</i>	-23.26	
		<i>For >100, Deduct</i>	-33.30	
		<i>For 9' Door Height, Add</i>	57.77	

08 14 16 00-0340 Oak Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	305.94	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.89	
		<i>For Stave Lumber Core (SLC), Add</i>	145.85	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	87.51	
		<i>For >50 To 100, Deduct</i>	-18.08	
		<i>For >100, Deduct</i>	-25.73	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	305.94	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.89	
		<i>For Stave Lumber Core (SLC), Add</i>	145.85	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	87.51	
		<i>For >50 To 100, Deduct</i>	-18.08	
		<i>For >100, Deduct</i>	-25.73	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	321.25	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.09	
		<i>For Stave Lumber Core (SLC), Add</i>	153.53	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.12	
		<i>For >50 To 100, Deduct</i>	-18.98	
		<i>For >100, Deduct</i>	-27.01	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	331.46	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.30	
		<i>For Stave Lumber Core (SLC), Add</i>	161.18	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	96.71	
		<i>For >50 To 100, Deduct</i>	-19.49	
		<i>For >100, Deduct</i>	-27.77	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	337.67	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.42	
		<i>For Stave Lumber Core (SLC), Add</i>	165.84	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	99.50	
		<i>For >50 To 100, Deduct</i>	-19.80	
		<i>For >100, Deduct</i>	-28.24	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	348.99	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.55	
		<i>For Stave Lumber Core (SLC), Add</i>	170.53	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.32	
		<i>For >50 To 100, Deduct</i>	-20.49	
		<i>For >100, Deduct</i>	-29.21	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	373.93	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.05	
		<i>For Stave Lumber Core (SLC), Add</i>	189.23	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	113.54	
		<i>For >50 To 100, Deduct</i>	-21.74	
		<i>For >100, Deduct</i>	-31.09	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	395.12	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.37	
		<i>For Stave Lumber Core (SLC), Add</i>	201.32	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	120.79	
		<i>For >50 To 100, Deduct</i>	-22.92	
		<i>For >100, Deduct</i>	-32.80	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	317.25	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.12	
		<i>For Stave Lumber Core (SLC), Add</i>	154.33	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.60	
		<i>For >50 To 100, Deduct</i>	-18.65	
		<i>For >100, Deduct</i>	-26.58	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	317.25	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.12	
		<i>For Stave Lumber Core (SLC), Add</i>	154.33	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.60	
		<i>For >50 To 100, Deduct</i>	-18.65	
		<i>For >100, Deduct</i>	-26.58	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	333.17	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.33	
		<i>For Stave Lumber Core (SLC), Add</i>	162.47	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	97.48	
		<i>For >50 To 100, Deduct</i>	-19.57	
		<i>For >100, Deduct</i>	-27.90	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	343.97	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.55	
		<i>For Stave Lumber Core (SLC), Add</i>	170.57	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.34	
		<i>For >50 To 100, Deduct</i>	-20.11	
		<i>For >100, Deduct</i>	-28.71	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	350.54	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.68	
		<i>For Stave Lumber Core (SLC), Add</i>	175.49	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.30	
		<i>For >50 To 100, Deduct</i>	-20.44	
		<i>For >100, Deduct</i>	-29.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0354	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	362.21	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.81	
			<i>For Stave Lumber Core (SLC), Add</i>	180.44	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.27	
			<i>For >50 To 100, Deduct</i>	-21.15	
			<i>For >100, Deduct</i>	-30.21	
08 14 16 00-0355	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	388.62	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.34	
			<i>For Stave Lumber Core (SLC), Add</i>	200.25	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	120.15	
			<i>For >50 To 100, Deduct</i>	-22.47	
			<i>For >100, Deduct</i>	-32.19	
08 14 16 00-0356	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	410.76	63.34
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.68	
			<i>For Stave Lumber Core (SLC), Add</i>	213.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	127.83	
			<i>For >50 To 100, Deduct</i>	-23.71	
			<i>For >100, Deduct</i>	-33.97	
08 14 16 00-0357	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	357.37	55.74
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.92	
			<i>For Stave Lumber Core (SLC), Add</i>	184.42	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.65	
			<i>For >50 To 100, Deduct</i>	-20.66	
			<i>For >100, Deduct</i>	-29.59	
			<i>For 9' Door Height, Add</i>	51.64	
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	357.37	55.74
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.92	
			<i>For Stave Lumber Core (SLC), Add</i>	184.42	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.65	
			<i>For >50 To 100, Deduct</i>	-20.66	
			<i>For >100, Deduct</i>	-29.59	
			<i>For 9' Door Height, Add</i>	51.64	
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	375.41	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.18	
			<i>For Stave Lumber Core (SLC), Add</i>	194.15	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.49	
			<i>For >50 To 100, Deduct</i>	-21.68	
			<i>For >100, Deduct</i>	-31.07	
			<i>For 9' Door Height, Add</i>	54.36	
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	388.31	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.44	
			<i>For Stave Lumber Core (SLC), Add</i>	203.82	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	122.29	
			<i>For >50 To 100, Deduct</i>	-22.33	
			<i>For >100, Deduct</i>	-32.04	
			<i>For 9' Door Height, Add</i>	57.07	
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	396.16	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.59	
			<i>For Stave Lumber Core (SLC), Add</i>	209.71	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.82	
			<i>For >50 To 100, Deduct</i>	-22.72	
			<i>For >100, Deduct</i>	-32.63	
			<i>For 9' Door Height, Add</i>	58.72	
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	409.14	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.75	
			<i>For Stave Lumber Core (SLC), Add</i>	215.64	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	129.38	
			<i>For >50 To 100, Deduct</i>	-23.50	
			<i>For >100, Deduct</i>	-33.73	
			<i>For 9' Door Height, Add</i>	60.38	
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	440.69	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.38	
			<i>For Stave Lumber Core (SLC), Add</i>	239.30	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	143.58	
			<i>For >50 To 100, Deduct</i>	-25.08	
			<i>For >100, Deduct</i>	-36.09	
			<i>For 9' Door Height, Add</i>	67.00	
08 14 16 00-0364	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	466.15	63.34
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.79	
			<i>For Stave Lumber Core (SLC), Add</i>	254.60	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	152.76	
			<i>For >50 To 100, Deduct</i>	-26.47	
			<i>For >100, Deduct</i>	-38.13	
			<i>For 9' Door Height, Add</i>	71.29	
08 14 16 00-0365			Maple Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0366	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	344.83	55.74
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.67	
			<i>For Stave Lumber Core (SLC), Add</i>	175.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.01	
			<i>For >50 To 100, Deduct</i>	-20.03	
			<i>For >100, Deduct</i>	-28.65	
08 14 16 00-0367	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	344.83	55.74
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.67	
			<i>For Stave Lumber Core (SLC), Add</i>	175.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.01	
			<i>For >50 To 100, Deduct</i>	-20.03	
			<i>For >100, Deduct</i>	-28.65	

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	362.19	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.91	
		<i>For Stave Lumber Core (SLC), Add</i>	184.23	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.54	
		<i>For >50 To 100, Deduct</i>	-21.02	
		<i>For >100, Deduct</i>	-30.08	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	374.44	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.16	
		<i>For Stave Lumber Core (SLC), Add</i>	193.42	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.05	
		<i>For >50 To 100, Deduct</i>	-21.64	
		<i>For >100, Deduct</i>	-31.00	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	381.89	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.31	
		<i>For Stave Lumber Core (SLC), Add</i>	199.01	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	119.40	
		<i>For >50 To 100, Deduct</i>	-22.01	
		<i>For >100, Deduct</i>	-31.56	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	394.45	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.46	
		<i>For Stave Lumber Core (SLC), Add</i>	204.62	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	122.77	
		<i>For >50 To 100, Deduct</i>	-22.76	
		<i>For >100, Deduct</i>	-32.62	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	424.39	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.06	
		<i>For Stave Lumber Core (SLC), Add</i>	227.08	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	136.25	
		<i>For >50 To 100, Deduct</i>	-24.26	
		<i>For >100, Deduct</i>	-34.87	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	448.80	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.44	
		<i>For Stave Lumber Core (SLC), Add</i>	241.58	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	144.95	
		<i>For >50 To 100, Deduct</i>	-25.61	
		<i>For >100, Deduct</i>	-36.83	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	358.39	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.94	
		<i>For Stave Lumber Core (SLC), Add</i>	185.18	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	111.11	
		<i>For >50 To 100, Deduct</i>	-20.71	
		<i>For >100, Deduct</i>	-29.67	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	358.39	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.94	
		<i>For Stave Lumber Core (SLC), Add</i>	185.18	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	111.11	
		<i>For >50 To 100, Deduct</i>	-20.71	
		<i>For >100, Deduct</i>	-29.67	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	376.49	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.20	
		<i>For Stave Lumber Core (SLC), Add</i>	194.96	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.97	
		<i>For >50 To 100, Deduct</i>	-21.74	
		<i>For >100, Deduct</i>	-31.15	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	389.46	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.46	
		<i>For Stave Lumber Core (SLC), Add</i>	204.68	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	122.81	
		<i>For >50 To 100, Deduct</i>	-22.39	
		<i>For >100, Deduct</i>	-32.12	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	397.34	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.62	
		<i>For Stave Lumber Core (SLC), Add</i>	210.59	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	126.36	
		<i>For >50 To 100, Deduct</i>	-22.78	
		<i>For >100, Deduct</i>	-32.71	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	410.34	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.77	
		<i>For Stave Lumber Core (SLC), Add</i>	216.54	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	129.92	
		<i>For >50 To 100, Deduct</i>	-23.56	
		<i>For >100, Deduct</i>	-33.82	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	442.02	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.41	
		<i>For Stave Lumber Core (SLC), Add</i>	240.30	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	144.18	
		<i>For >50 To 100, Deduct</i>	-25.14	
		<i>For >100, Deduct</i>	-36.19	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	467.56	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.82	
		<i>For Stave Lumber Core (SLC), Add</i>	255.65	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	153.39	
		<i>For >50 To 100, Deduct</i>	-26.55	
		<i>For >100, Deduct</i>	-38.23	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	406.55	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.90	
		<i>For Stave Lumber Core (SLC), Add</i>	221.30	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	132.78	
		<i>For >50 To 100, Deduct</i>	-23.11	
		<i>For >100, Deduct</i>	-33.28	
		<i>For 9' Door Height, Add</i>	61.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0383	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	406.55	55.74
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.90	
			<i>For Stave Lumber Core (SLC), Add</i>	221.30	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	132.78	
			<i>For >50 To 100, Deduct</i>	-23.11	
			<i>For >100, Deduct</i>	-33.28	
			<i>For 9' Door Height, Add</i>	61.96	
08 14 16 00-0384	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	427.18	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.21	
			<i>For Stave Lumber Core (SLC), Add</i>	232.97	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.78	
			<i>For >50 To 100, Deduct</i>	-24.27	
			<i>For >100, Deduct</i>	-34.95	
			<i>For 9' Door Height, Add</i>	65.23	
08 14 16 00-0385	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	442.66	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.52	
			<i>For Stave Lumber Core (SLC), Add</i>	244.58	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	146.75	
			<i>For >50 To 100, Deduct</i>	-25.05	
			<i>For >100, Deduct</i>	-36.11	
			<i>For 9' Door Height, Add</i>	68.48	
08 14 16 00-0386	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	452.10	58.28
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.71	
			<i>For Stave Lumber Core (SLC), Add</i>	251.66	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	151.00	
			<i>For >50 To 100, Deduct</i>	-25.52	
			<i>For >100, Deduct</i>	-36.82	
			<i>For 9' Door Height, Add</i>	70.47	
08 14 16 00-0387	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	466.64	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.90	
			<i>For Stave Lumber Core (SLC), Add</i>	258.77	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.26	
			<i>For >50 To 100, Deduct</i>	-26.37	
			<i>For >100, Deduct</i>	-38.04	
			<i>For 9' Door Height, Add</i>	72.45	
08 14 16 00-0388	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	504.50	60.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.66	
			<i>For Stave Lumber Core (SLC), Add</i>	287.16	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	172.30	
			<i>For >50 To 100, Deduct</i>	-28.27	
			<i>For >100, Deduct</i>	-40.88	
			<i>For 9' Door Height, Add</i>	80.40	
08 14 16 00-0389	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	534.03	63.34
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.15	
			<i>For Stave Lumber Core (SLC), Add</i>	305.51	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	183.30	
			<i>For >50 To 100, Deduct</i>	-29.87	
			<i>For >100, Deduct</i>	-43.22	
			<i>For 9' Door Height, Add</i>	85.54	

08 14 16 00-0390 Luan Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0391	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	228.85	55.74
			<i>For >50 To 100, Deduct</i>	-14.23	
			<i>For >100, Deduct</i>	-19.95	
08 14 16 00-0392	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	228.85	55.74
			<i>For >50 To 100, Deduct</i>	-14.23	
			<i>For >100, Deduct</i>	-19.95	
08 14 16 00-0393	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	240.34	58.28
			<i>For >50 To 100, Deduct</i>	-14.93	
			<i>For >100, Deduct</i>	-20.94	
08 14 16 00-0394	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	246.81	58.28
			<i>For >50 To 100, Deduct</i>	-15.25	
			<i>For >100, Deduct</i>	-21.42	
08 14 16 00-0395	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	250.06	58.28
			<i>For >50 To 100, Deduct</i>	-15.42	
			<i>For >100, Deduct</i>	-21.67	
08 14 16 00-0396	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	258.41	60.81
			<i>For >50 To 100, Deduct</i>	-15.96	
			<i>For >100, Deduct</i>	-22.42	
08 14 16 00-0397	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	273.43	60.81
			<i>For >50 To 100, Deduct</i>	-16.71	
			<i>For >100, Deduct</i>	-23.55	
08 14 16 00-0398	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	290.40	63.34
			<i>For >50 To 100, Deduct</i>	-17.69	
			<i>For >100, Deduct</i>	-24.95	
08 14 16 00-0399	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	235.68	55.74
			<i>For >50 To 100, Deduct</i>	-14.57	
			<i>For >100, Deduct</i>	-20.46	
08 14 16 00-0400	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	235.68	55.74
			<i>For >50 To 100, Deduct</i>	-14.57	
			<i>For >100, Deduct</i>	-20.46	
08 14 16 00-0401	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	247.56	58.28
			<i>For >50 To 100, Deduct</i>	-15.29	
			<i>For >100, Deduct</i>	-21.48	
08 14 16 00-0402	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	254.40	58.28
			<i>For >50 To 100, Deduct</i>	-15.63	
			<i>For >100, Deduct</i>	-21.99	

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	257.84	58.28
		<i>For >50 To 100, Deduct</i>	-15.81	
		<i>For >100, Deduct</i>	-22.25	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	266.36	60.81
		<i>For >50 To 100, Deduct</i>	-16.36	
		<i>For >100, Deduct</i>	-23.02	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	282.28	60.81
		<i>For >50 To 100, Deduct</i>	-17.15	
		<i>For >100, Deduct</i>	-24.21	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	299.91	63.34
		<i>For >50 To 100, Deduct</i>	-18.16	
		<i>For >100, Deduct</i>	-25.66	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	259.91	55.74
		<i>For >50 To 100, Deduct</i>	-15.78	
		<i>For >100, Deduct</i>	-22.28	
		<i>For 9' Door Height, Add</i>	31.17	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	259.91	55.74
		<i>For >50 To 100, Deduct</i>	-15.78	
		<i>For >100, Deduct</i>	-22.28	
		<i>For 9' Door Height, Add</i>	31.17	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	273.09	58.28
		<i>For >50 To 100, Deduct</i>	-16.57	
		<i>For >100, Deduct</i>	-23.40	
		<i>For 9' Door Height, Add</i>	32.87	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	281.28	58.28
		<i>For >50 To 100, Deduct</i>	-16.98	
		<i>For >100, Deduct</i>	-24.01	
		<i>For 9' Door Height, Add</i>	34.59	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	285.40	58.28
		<i>For >50 To 100, Deduct</i>	-17.18	
		<i>For >100, Deduct</i>	-24.32	
		<i>For 9' Door Height, Add</i>	35.46	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	294.59	60.81
		<i>For >50 To 100, Deduct</i>	-17.77	
		<i>For >100, Deduct</i>	-25.13	
		<i>For 9' Door Height, Add</i>	36.32	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	313.60	60.81
		<i>For >50 To 100, Deduct</i>	-18.72	
		<i>For >100, Deduct</i>	-26.56	
		<i>For 9' Door Height, Add</i>	40.32	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	333.69	63.34
		<i>For >50 To 100, Deduct</i>	-19.85	
		<i>For >100, Deduct</i>	-28.19	
		<i>For 9' Door Height, Add</i>	43.47	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0314)

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	244.02	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	99.41	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	59.64	
		<i>For >50 To 100, Deduct</i>	-14.99	
		<i>For >100, Deduct</i>	-21.09	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	244.02	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	99.41	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	59.64	
		<i>For >50 To 100, Deduct</i>	-14.99	
		<i>For >100, Deduct</i>	-21.09	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	256.79	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	105.18	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	63.11	
		<i>For >50 To 100, Deduct</i>	-15.75	
		<i>For >100, Deduct</i>	-22.17	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	264.47	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	110.94	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	66.56	
		<i>For >50 To 100, Deduct</i>	-16.14	
		<i>For >100, Deduct</i>	-22.75	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	265.88	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	112.00	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	67.20	
		<i>For >50 To 100, Deduct</i>	-16.21	
		<i>For >100, Deduct</i>	-22.85	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	272.38	60.81
		<i>For Stave Lumber Core (SLC), Add</i>	113.07	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	67.84	
		<i>For >50 To 100, Deduct</i>	-16.66	
		<i>For >100, Deduct</i>	-23.47	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	289.01	60.81
		<i>For Stave Lumber Core (SLC), Add</i>	125.54	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	75.33	
		<i>For >50 To 100, Deduct</i>	-17.49	
		<i>For >100, Deduct</i>	-24.72	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	324.40	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	148.28	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.97	
		<i>For >50 To 100, Deduct</i>	-19.39	
		<i>For >100, Deduct</i>	-27.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0424	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	251.74	55.74
			<i>For Stave Lumber Core (SLC), Add</i>	105.20	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	63.12	
			<i>For >50 To 100, Deduct</i>	-15.37	
			<i>For >100, Deduct</i>	-21.67	
08 14 16 00-0425	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	251.75	55.74
			<i>For Stave Lumber Core (SLC), Add</i>	105.20	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	63.12	
			<i>For >50 To 100, Deduct</i>	-15.37	
			<i>For >100, Deduct</i>	-21.67	
08 14 16 00-0426	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	264.96	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	111.31	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	66.78	
			<i>For >50 To 100, Deduct</i>	-16.16	
			<i>For >100, Deduct</i>	-22.79	
08 14 16 00-0427	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	273.08	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	117.40	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	70.44	
			<i>For >50 To 100, Deduct</i>	-16.57	
			<i>For >100, Deduct</i>	-23.39	
08 14 16 00-0428	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	274.58	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	118.52	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	71.11	
			<i>For >50 To 100, Deduct</i>	-16.64	
			<i>For >100, Deduct</i>	-23.51	
08 14 16 00-0429	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	281.15	60.81
			<i>For Stave Lumber Core (SLC), Add</i>	119.65	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	71.79	
			<i>For >50 To 100, Deduct</i>	-17.10	
			<i>For >100, Deduct</i>	-24.13	
08 14 16 00-0430	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	298.75	60.81
			<i>For Stave Lumber Core (SLC), Add</i>	132.85	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	79.71	
			<i>For >50 To 100, Deduct</i>	-17.98	
			<i>For >100, Deduct</i>	-25.45	
08 14 16 00-0431	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	335.92	63.34
			<i>For Stave Lumber Core (SLC), Add</i>	156.92	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	94.15	
			<i>For >50 To 100, Deduct</i>	-19.96	
			<i>For >100, Deduct</i>	-28.36	
08 14 16 00-0432	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	279.07	55.74
			<i>For Stave Lumber Core (SLC), Add</i>	125.69	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	75.42	
			<i>For >50 To 100, Deduct</i>	-16.74	
			<i>For >100, Deduct</i>	-23.72	
			<i>For 9' Door Height, Add</i>	35.19	
08 14 16 00-0433	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	279.10	55.74
			<i>For Stave Lumber Core (SLC), Add</i>	125.72	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	75.43	
			<i>For >50 To 100, Deduct</i>	-16.74	
			<i>For >100, Deduct</i>	-23.72	
			<i>For 9' Door Height, Add</i>	35.20	
08 14 16 00-0434	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	293.89	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	133.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	79.80	
			<i>For >50 To 100, Deduct</i>	-17.61	
			<i>For >100, Deduct</i>	-24.96	
			<i>For 9' Door Height, Add</i>	37.24	
08 14 16 00-0435	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	303.59	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	140.28	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	84.17	
			<i>For >50 To 100, Deduct</i>	-18.09	
			<i>For >100, Deduct</i>	-25.68	
			<i>For 9' Door Height, Add</i>	39.28	
08 14 16 00-0436	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	305.38	58.28
			<i>For Stave Lumber Core (SLC), Add</i>	141.62	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	84.97	
			<i>For >50 To 100, Deduct</i>	-18.18	
			<i>For >100, Deduct</i>	-25.82	
			<i>For 9' Door Height, Add</i>	39.65	
08 14 16 00-0437	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	312.27	60.81
			<i>For Stave Lumber Core (SLC), Add</i>	142.99	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	85.79	
			<i>For >50 To 100, Deduct</i>	-18.65	
			<i>For >100, Deduct</i>	-26.46	
			<i>For 9' Door Height, Add</i>	40.04	
08 14 16 00-0438	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	333.30	60.81
			<i>For Stave Lumber Core (SLC), Add</i>	158.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	95.26	
			<i>For >50 To 100, Deduct</i>	-19.71	
			<i>For >100, Deduct</i>	-28.04	
			<i>For 9' Door Height, Add</i>	44.45	
08 14 16 00-0439	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	376.73	63.34
			<i>For Stave Lumber Core (SLC), Add</i>	187.53	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.52	
			<i>For >50 To 100, Deduct</i>	-22.00	
			<i>For >100, Deduct</i>	-31.42	
			<i>For 9' Door Height, Add</i>	52.51	

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0440	1-3/4" Thick, Particleboard Core (PC), Wood Doors <small>(08 14 16)</small> Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0441	Birch Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0442	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	303.31 -3.84 143.87 86.32 23.02 103.59 143.87 230.20 -17.95 -25.54	55.74
08 14 16 00-0443	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	303.31 -3.84 143.87 86.32 23.02 103.59 143.87 230.20 -17.95 -25.54	55.74
08 14 16 00-0444	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	298.27 -3.63 136.29 81.77 21.81 98.13 136.29 218.06 -17.83 -25.28	58.28
08 14 16 00-0445	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	305.84 -3.79 141.97 85.18 22.71 102.22 141.97 227.15 -18.21 -25.85	58.28
08 14 16 00-0446	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	310.91 -3.89 145.77 87.46 23.32 104.95 145.77 233.23 -18.46 -26.23	58.28
08 14 16 00-0447	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	321.02 -3.99 149.55 89.73 23.93 107.68 149.55 239.28 -19.09 -27.12	60.81
08 14 16 00-0448	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	342.95 -4.43 166.00 99.60 26.56 119.52 166.00 265.60 -20.19 -28.76	60.81
08 14 16 00-0449	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	395.40 -5.37 201.53 120.92 32.25 145.10 201.53 322.45 -22.94 -32.82	63.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0450	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	408.84 -5.64 211.61 126.97 33.86 152.36 211.61 338.58 -23.61 -33.83	63.34
08 14 16 00-0451	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	445.83 -6.18 231.76 139.05 37.08 166.87 231.76 370.81 -25.71 -36.86	68.41
08 14 16 00-0452	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	294.23 -3.66 137.06 82.24 21.93 98.69 137.06 219.30 -17.50 -24.85	55.74
08 14 16 00-0453	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	294.23 -3.66 137.06 82.24 21.93 98.69 137.06 219.30 -17.50 -24.85	55.74
08 14 16 00-0454	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	308.85 -3.85 144.23 86.54 23.08 103.84 144.23 230.76 -18.36 -26.08	58.28
08 14 16 00-0455	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	316.86 -4.01 150.23 90.14 24.04 108.17 150.23 240.37 -18.76 -26.68	58.28
08 14 16 00-0456	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	322.22 -4.11 154.25 92.55 24.68 111.06 154.25 246.80 -19.02 -27.08	58.28
08 14 16 00-0457	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	332.62 -4.22 158.25 94.95 25.32 113.94 158.25 253.20 -19.67 -27.99	60.81
08 14 16 00-0458	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	355.83 -4.68 175.66 105.39 28.11 126.47 175.66 281.05 -20.83 -29.73	60.81

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR TOTAL DIRECT DEMOLITION
 CSI UOM DESCRIPTION UNIT COST UNIT COST

08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	411.05	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.69	
		<i>For Stave Lumber Core (SLC), Add</i>	213.27	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	127.96	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	34.12	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	153.55	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	213.27	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	341.23	
		<i>For >50 To 100, Deduct</i>	-23.72	
		<i>For >100, Deduct</i>	-34.00	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	425.26	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.97	
		<i>For Stave Lumber Core (SLC), Add</i>	223.93	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	134.36	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.83	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	161.23	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	223.93	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	358.28	
		<i>For >50 To 100, Deduct</i>	-24.43	
		<i>For >100, Deduct</i>	-35.06	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	463.82	68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.54	
		<i>For Stave Lumber Core (SLC), Add</i>	245.25	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	147.15	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.24	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.58	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	245.25	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	392.40	
		<i>For >50 To 100, Deduct</i>	-26.61	
		<i>For >100, Deduct</i>	-38.21	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.04	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.85	
		<i>For Stave Lumber Core (SLC), Add</i>	181.92	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.15	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.11	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	130.98	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	181.92	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	291.07	
		<i>For >50 To 100, Deduct</i>	-20.49	
		<i>For >100, Deduct</i>	-29.34	
		<i>For 9' Door Height, Add</i>	50.94	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.04	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.85	
		<i>For Stave Lumber Core (SLC), Add</i>	181.92	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.15	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.11	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	130.98	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	181.92	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	291.07	
		<i>For >50 To 100, Deduct</i>	-20.49	
		<i>For >100, Deduct</i>	-29.34	
		<i>For 9' Door Height, Add</i>	50.94	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	346.35	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.60	
		<i>For Stave Lumber Core (SLC), Add</i>	172.35	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.41	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.58	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	124.09	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	172.35	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	275.76	
		<i>For >50 To 100, Deduct</i>	-20.23	
		<i>For >100, Deduct</i>	-28.89	
		<i>For 9' Door Height, Add</i>	48.26	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	355.92	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.79	
		<i>For Stave Lumber Core (SLC), Add</i>	179.53	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	107.72	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.72	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	129.26	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	179.53	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	287.24	
		<i>For >50 To 100, Deduct</i>	-20.71	
		<i>For >100, Deduct</i>	-29.61	
		<i>For 9' Door Height, Add</i>	50.27	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	362.31	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.92	
		<i>For Stave Lumber Core (SLC), Add</i>	184.32	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.59	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.49	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	132.71	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	184.32	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	294.91	
		<i>For >50 To 100, Deduct</i>	-21.03	
		<i>For >100, Deduct</i>	-30.09	
		<i>For 9' Door Height, Add</i>	51.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	373.75	60.81	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.04		
		<i>For Stave Lumber Core (SLC), Add</i>	189.10		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	113.46		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.26		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	136.15		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.10		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	302.56		
		<i>For >50 To 100, Deduct</i>	-21.73		
		<i>For >100, Deduct</i>	-31.07		
		<i>For 9' Door Height, Add</i>	52.95		
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	401.49	60.81	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.60		
		<i>For Stave Lumber Core (SLC), Add</i>	209.90		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.94		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.58		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	151.13		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	209.90		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	335.84		
		<i>For >50 To 100, Deduct</i>	-23.12		
		<i>For >100, Deduct</i>	-33.15		
		<i>For 9' Door Height, Add</i>	58.77		
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	466.49	63.34	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.80		
		<i>For Stave Lumber Core (SLC), Add</i>	254.85		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	152.91		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	40.78		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	183.49		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	254.85		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	407.76		
		<i>For >50 To 100, Deduct</i>	-26.49		
		<i>For >100, Deduct</i>	-38.15		
		<i>For 9' Door Height, Add</i>	71.36		
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	483.48	63.34	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.14		
		<i>For Stave Lumber Core (SLC), Add</i>	267.59		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	160.56		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.81		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	192.67		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	267.59		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	428.15		
		<i>For >50 To 100, Deduct</i>	-27.34		
		<i>For >100, Deduct</i>	-39.43		
		<i>For 9' Door Height, Add</i>	74.93		
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	527.58	68.41	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.82		
		<i>For Stave Lumber Core (SLC), Add</i>	293.07		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	175.84		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	46.89		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	211.01		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	293.07		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	468.91		
		<i>For >50 To 100, Deduct</i>	-29.80		
		<i>For >100, Deduct</i>	-42.99		
		<i>For 9' Door Height, Add</i>	82.06		
08 14 16 00-0472		Oak Faced Wood Doors (08 14 16 00-0440)			
08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	370.57	55.74	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.18		
		<i>For Stave Lumber Core (SLC), Add</i>	194.32		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.59		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.09		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.91		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	194.32		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	310.91		
		<i>For >50 To 100, Deduct</i>	-21.32		
		<i>For >100, Deduct</i>	-30.58		
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	370.57	55.74	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.18		
		<i>For Stave Lumber Core (SLC), Add</i>	194.32		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.59		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.09		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.91		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	194.32		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	310.91		
		<i>For >50 To 100, Deduct</i>	-21.32		
		<i>For >100, Deduct</i>	-30.58		
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	375.64	58.28	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.18		
		<i>For Stave Lumber Core (SLC), Add</i>	194.32		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.59		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.09		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.91		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	194.32		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	310.91		
		<i>For >50 To 100, Deduct</i>	-21.70		
		<i>For >100, Deduct</i>	-31.09		

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	378.31	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.24	
		<i>For Stave Lumber Core (SLC), Add</i>	196.32	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	117.79	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	141.35	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	196.32	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	314.11	
		<i>For >50 To 100, Deduct</i>	-21.83	
		<i>For >100, Deduct</i>	-31.29	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	379.51	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.26	
		<i>For Stave Lumber Core (SLC), Add</i>	197.22	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.33	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.56	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.00	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.22	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	315.55	
		<i>For >50 To 100, Deduct</i>	-21.89	
		<i>For >100, Deduct</i>	-31.38	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	385.78	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.28	
		<i>For Stave Lumber Core (SLC), Add</i>	198.12	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.87	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.70	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.65	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	198.12	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.99	
		<i>For >50 To 100, Deduct</i>	-22.33	
		<i>For >100, Deduct</i>	-31.97	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	414.80	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.86	
		<i>For Stave Lumber Core (SLC), Add</i>	219.89	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	131.93	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.18	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	158.32	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	219.89	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	351.82	
		<i>For >50 To 100, Deduct</i>	-23.78	
		<i>For >100, Deduct</i>	-34.15	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	494.58	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.36	
		<i>For Stave Lumber Core (SLC), Add</i>	275.92	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	165.55	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.15	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	198.66	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	275.92	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	441.47	
		<i>For >50 To 100, Deduct</i>	-27.90	
		<i>For >100, Deduct</i>	-40.26	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	513.23	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.73	
		<i>For Stave Lumber Core (SLC), Add</i>	289.91	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	173.94	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	46.38	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	208.73	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	289.91	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	463.85	
		<i>For >50 To 100, Deduct</i>	-28.83	
		<i>For >100, Deduct</i>	-41.66	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	559.90	68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.46	
		<i>For Stave Lumber Core (SLC), Add</i>	317.31	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	190.39	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	50.77	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	228.46	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	317.31	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	507.70	
		<i>For >50 To 100, Deduct</i>	-31.42	
		<i>For >100, Deduct</i>	-45.41	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	385.64	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.48	
		<i>For Stave Lumber Core (SLC), Add</i>	205.62	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.37	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.90	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.05	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	205.62	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	328.99	
		<i>For >50 To 100, Deduct</i>	-22.07	
		<i>For >100, Deduct</i>	-31.71	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	385.64	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.48	
		<i>For Stave Lumber Core (SLC), Add</i>	205.62	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.37	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.90	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.05	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	205.62	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	328.99	
		<i>For >50 To 100, Deduct</i>	-22.07	
		<i>For >100, Deduct</i>	-31.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0485	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	390.71	58.28
			For 7 Ply Cold Press Construction, Deduct	-5.48	
			For Stave Lumber Core (SLC), Add	205.62	
			For Structural Composite Lumber Core (SCLC), Add	123.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.90	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	148.05	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	205.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	328.99	
			For >50 To 100, Deduct	-22.45	
			For >100, Deduct	-32.22	
08 14 16 00-0486	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	393.53	58.28
			For 7 Ply Cold Press Construction, Deduct	-5.54	
			For Stave Lumber Core (SLC), Add	207.74	
			For Structural Composite Lumber Core (SCLC), Add	124.64	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.24	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	149.57	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	207.74	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	332.38	
			For >50 To 100, Deduct	-22.59	
			For >100, Deduct	-32.43	
08 14 16 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	394.81	58.28
			For 7 Ply Cold Press Construction, Deduct	-5.57	
			For Stave Lumber Core (SLC), Add	208.70	
			For Structural Composite Lumber Core (SCLC), Add	125.22	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.39	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.26	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	208.70	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	333.91	
			For >50 To 100, Deduct	-22.65	
			For >100, Deduct	-32.52	
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	401.16	60.81
			For 7 Ply Cold Press Construction, Deduct	-5.59	
			For Stave Lumber Core (SLC), Add	209.66	
			For Structural Composite Lumber Core (SCLC), Add	125.79	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.54	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.95	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.66	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	335.45	
			For >50 To 100, Deduct	-23.10	
			For >100, Deduct	-33.13	
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	431.86	60.81
			For 7 Ply Cold Press Construction, Deduct	-6.20	
			For Stave Lumber Core (SLC), Add	232.68	
			For Structural Composite Lumber Core (SCLC), Add	139.61	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.23	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.53	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	232.68	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	372.29	
			For >50 To 100, Deduct	-24.63	
			For >100, Deduct	-35.43	
08 14 16 00-0490	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	516.00	63.34
			For 7 Ply Cold Press Construction, Deduct	-7.79	
			For Stave Lumber Core (SLC), Add	291.98	
			For Structural Composite Lumber Core (SCLC), Add	175.19	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.23	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	467.17	
			For >50 To 100, Deduct	-28.97	
			For >100, Deduct	-41.87	
08 14 16 00-0491	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	535.72	63.34
			For 7 Ply Cold Press Construction, Deduct	-8.18	
			For Stave Lumber Core (SLC), Add	306.77	
			For Structural Composite Lumber Core (SCLC), Add	184.06	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.08	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	306.77	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	490.84	
			For >50 To 100, Deduct	-29.95	
			For >100, Deduct	-43.35	
08 14 16 00-0492	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	584.52	68.41
			For 7 Ply Cold Press Construction, Deduct	-8.95	
			For Stave Lumber Core (SLC), Add	335.78	
			For Structural Composite Lumber Core (SCLC), Add	201.47	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	241.76	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	335.78	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	537.24	
			For >50 To 100, Deduct	-32.65	
			For >100, Deduct	-47.26	
08 14 16 00-0493	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	439.10	55.74
			For 7 Ply Cold Press Construction, Deduct	-6.55	
			For Stave Lumber Core (SLC), Add	245.72	
			For Structural Composite Lumber Core (SCLC), Add	147.43	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.31	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.72	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.14	
			For >50 To 100, Deduct	-24.74	
			For >100, Deduct	-35.72	
			For 9' Door Height, Add	68.80	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	439.10	55.74
		For 7 Ply Cold Press Construction, Deduct	-6.55	
		For Stave Lumber Core (SLC), Add	245.72	
		For Structural Composite Lumber Core (SCLC), Add	147.43	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.31	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.91	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.72	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.14	
		For >50 To 100, Deduct	-24.74	
		For >100, Deduct	-35.72	
		For 9' Door Height, Add	68.80	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	444.17	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.55	
		For Stave Lumber Core (SLC), Add	245.72	
		For Structural Composite Lumber Core (SCLC), Add	147.43	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.31	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.91	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.72	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.14	
		For >50 To 100, Deduct	-25.12	
		For >100, Deduct	-36.23	
		For 9' Door Height, Add	68.80	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	447.54	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.62	
		For Stave Lumber Core (SLC), Add	248.24	
		For Structural Composite Lumber Core (SCLC), Add	148.95	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.72	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	178.73	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	248.24	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	397.19	
		For >50 To 100, Deduct	-25.29	
		For >100, Deduct	-36.48	
		For 9' Door Height, Add	69.51	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	449.08	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.65	
		For Stave Lumber Core (SLC), Add	249.40	
		For Structural Composite Lumber Core (SCLC), Add	149.64	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.90	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	179.57	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	249.40	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	399.04	
		For >50 To 100, Deduct	-25.37	
		For >100, Deduct	-36.59	
		For 9' Door Height, Add	69.83	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	455.66	60.81
		For 7 Ply Cold Press Construction, Deduct	-6.68	
		For Stave Lumber Core (SLC), Add	250.53	
		For Structural Composite Lumber Core (SCLC), Add	150.32	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.08	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	180.38	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	250.53	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	400.85	
		For >50 To 100, Deduct	-25.82	
		For >100, Deduct	-37.22	
		For 9' Door Height, Add	70.15	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	492.35	60.81
		For 7 Ply Cold Press Construction, Deduct	-7.41	
		For Stave Lumber Core (SLC), Add	278.05	
		For Structural Composite Lumber Core (SCLC), Add	166.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.49	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	200.19	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	278.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	444.88	
		For >50 To 100, Deduct	-27.66	
		For >100, Deduct	-39.97	
		For 9' Door Height, Add	77.85	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	591.91	63.34
		For 7 Ply Cold Press Construction, Deduct	-9.30	
		For Stave Lumber Core (SLC), Add	348.92	
		For Structural Composite Lumber Core (SCLC), Add	209.35	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.83	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	251.22	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	348.92	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	558.26	
		For >50 To 100, Deduct	-32.76	
		For >100, Deduct	-47.56	
		For 9' Door Height, Add	97.70	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	615.48	63.34
		For 7 Ply Cold Press Construction, Deduct	-9.78	
		For Stave Lumber Core (SLC), Add	366.59	
		For Structural Composite Lumber Core (SCLC), Add	219.96	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	58.65	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	263.95	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	366.59	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	586.55	
		For >50 To 100, Deduct	-33.94	
		For >100, Deduct	-49.33	
		For 9' Door Height, Add	102.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0502	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	671.82	68.41
			For 7 Ply Cold Press Construction, Deduct	-10.70	
			For Stave Lumber Core (SLC), Add	401.25	
			For Structural Composite Lumber Core (SCLC), Add	240.75	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	64.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	288.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	401.25	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	642.00	
			For >50 To 100, Deduct	-37.01	
			For >100, Deduct	-53.81	
			For 9' Door Height, Add	112.35	

08 14 16 00-0503 Maple Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0504	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.39	55.74
			For 7 Ply Cold Press Construction, Deduct	-6.22	
			For Stave Lumber Core (SLC), Add	233.18	
			For Structural Composite Lumber Core (SCLC), Add	139.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.31	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	233.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	373.09	
			For >50 To 100, Deduct	-23.91	
			For >100, Deduct	-34.47	
08 14 16 00-0505	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.39	55.74
			For 7 Ply Cold Press Construction, Deduct	-6.22	
			For Stave Lumber Core (SLC), Add	233.18	
			For Structural Composite Lumber Core (SCLC), Add	139.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.31	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	233.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	373.09	
			For >50 To 100, Deduct	-23.91	
			For >100, Deduct	-34.47	
08 14 16 00-0506	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	427.46	58.28
			For 7 Ply Cold Press Construction, Deduct	-6.22	
			For Stave Lumber Core (SLC), Add	233.18	
			For Structural Composite Lumber Core (SCLC), Add	139.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.31	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	233.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	373.09	
			For >50 To 100, Deduct	-24.29	
			For >100, Deduct	-34.97	
08 14 16 00-0507	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	430.66	58.28
			For 7 Ply Cold Press Construction, Deduct	-6.28	
			For Stave Lumber Core (SLC), Add	235.58	
			For Structural Composite Lumber Core (SCLC), Add	141.35	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	169.62	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	235.58	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	376.93	
			For >50 To 100, Deduct	-24.45	
			For >100, Deduct	-35.21	
08 14 16 00-0508	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	432.09	58.28
			For 7 Ply Cold Press Construction, Deduct	-6.31	
			For Stave Lumber Core (SLC), Add	236.66	
			For Structural Composite Lumber Core (SCLC), Add	141.99	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.86	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	170.39	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	236.66	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	378.65	
			For >50 To 100, Deduct	-24.52	
			For >100, Deduct	-35.32	
08 14 16 00-0509	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	438.62	60.81
			For 7 Ply Cold Press Construction, Deduct	-6.34	
			For Stave Lumber Core (SLC), Add	237.75	
			For Structural Composite Lumber Core (SCLC), Add	142.65	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.04	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	171.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	237.75	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	380.40	
			For >50 To 100, Deduct	-24.97	
			For >100, Deduct	-35.94	
08 14 16 00-0510	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	473.44	60.81
			For 7 Ply Cold Press Construction, Deduct	-7.04	
			For Stave Lumber Core (SLC), Add	263.87	
			For Structural Composite Lumber Core (SCLC), Add	158.32	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.22	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	189.98	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	263.87	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	422.18	
			For >50 To 100, Deduct	-26.71	
			For >100, Deduct	-38.55	

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.09	63.34
		For 7 Ply Cold Press Construction, Deduct	-8.39	
		For Stave Lumber Core (SLC), Add	314.55	
		For Structural Composite Lumber Core (SCLC), Add	188.73	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.33	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	226.48	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	314.55	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	503.28	
		For >50 To 100, Deduct	-30.47	
		For >100, Deduct	-44.12	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	590.22	63.34
		For 7 Ply Cold Press Construction, Deduct	-9.27	
		For Stave Lumber Core (SLC), Add	347.65	
		For Structural Composite Lumber Core (SCLC), Add	208.59	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.62	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	250.31	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	347.65	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	556.24	
		For >50 To 100, Deduct	-32.68	
		For >100, Deduct	-47.43	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	634.41	63.34
		For 7 Ply Cold Press Construction, Deduct	-10.15	
		For Stave Lumber Core (SLC), Add	380.79	
		For Structural Composite Lumber Core (SCLC), Add	228.47	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	60.93	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	274.17	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	380.79	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	609.26	
		For >50 To 100, Deduct	-34.89	
		For >100, Deduct	-50.75	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.48	55.74
		For 7 Ply Cold Press Construction, Deduct	-6.58	
		For Stave Lumber Core (SLC), Add	246.75	
		For Structural Composite Lumber Core (SCLC), Add	148.05	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.48	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.66	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.75	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.80	
		For >50 To 100, Deduct	-24.81	
		For >100, Deduct	-35.82	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.48	55.74
		For 7 Ply Cold Press Construction, Deduct	-6.58	
		For Stave Lumber Core (SLC), Add	246.75	
		For Structural Composite Lumber Core (SCLC), Add	148.05	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.48	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.66	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.75	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.80	
		For >50 To 100, Deduct	-24.81	
		For >100, Deduct	-35.82	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	445.55	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.58	
		For Stave Lumber Core (SLC), Add	246.75	
		For Structural Composite Lumber Core (SCLC), Add	148.05	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.48	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.66	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	246.75	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	394.80	
		For >50 To 100, Deduct	-25.19	
		For >100, Deduct	-36.33	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	448.93	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.65	
		For Stave Lumber Core (SLC), Add	249.29	
		For Structural Composite Lumber Core (SCLC), Add	149.57	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.89	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	179.49	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	249.29	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	398.86	
		For >50 To 100, Deduct	-25.36	
		For >100, Deduct	-36.58	
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	450.46	58.28
		For 7 Ply Cold Press Construction, Deduct	-6.68	
		For Stave Lumber Core (SLC), Add	250.43	
		For Structural Composite Lumber Core (SCLC), Add	150.26	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.07	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	180.31	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	250.43	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	400.69	
		For >50 To 100, Deduct	-25.44	
		For >100, Deduct	-36.70	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	457.07	60.81
		For 7 Ply Cold Press Construction, Deduct	-6.71	
		For Stave Lumber Core (SLC), Add	251.59	
		For Structural Composite Lumber Core (SCLC), Add	150.95	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.25	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	181.14	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	251.59	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	402.54	
		For >50 To 100, Deduct	-25.89	
		For >100, Deduct	-37.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	493.91	60.81	
		For 7 Ply Cold Press Construction, Deduct	-7.45		
		For Stave Lumber Core (SLC), Add	279.22		
		For Structural Composite Lumber Core (SCLC), Add	167.53		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.67		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	201.04		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.22		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	446.75		
		For >50 To 100, Deduct	-27.74		
		For >100, Deduct	-40.08		
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	570.50	63.34	
		For 7 Ply Cold Press Construction, Deduct	-8.88		
		For Stave Lumber Core (SLC), Add	332.86		
		For Structural Composite Lumber Core (SCLC), Add	199.71		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.26		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	239.66		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	332.86		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	532.57		
		For >50 To 100, Deduct	-31.69		
		For >100, Deduct	-45.95		
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	617.22	63.34	
		For 7 Ply Cold Press Construction, Deduct	-9.81		
		For Stave Lumber Core (SLC), Add	367.90		
		For Structural Composite Lumber Core (SCLC), Add	220.74		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	58.86		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	264.89		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	367.90		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	588.64		
		For >50 To 100, Deduct	-34.03		
		For >100, Deduct	-49.46		
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	663.97	63.34	
		For 7 Ply Cold Press Construction, Deduct	-10.75		
		For Stave Lumber Core (SLC), Add	402.96		
		For Structural Composite Lumber Core (SCLC), Add	241.78		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	64.47		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	290.13		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	402.96		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	644.74		
		For >50 To 100, Deduct	-36.37		
		For >100, Deduct	-52.97		
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	504.62	55.74	
		For 7 Ply Cold Press Construction, Deduct	-7.86		
		For Stave Lumber Core (SLC), Add	294.86		
		For Structural Composite Lumber Core (SCLC), Add	176.91		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.18		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.30		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.86		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.77		
		For >50 To 100, Deduct	-28.02		
		For >100, Deduct	-40.63		
		For 9' Door Height, Add	82.56		
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	504.62	55.74	
		For 7 Ply Cold Press Construction, Deduct	-7.86		
		For Stave Lumber Core (SLC), Add	294.86		
		For Structural Composite Lumber Core (SCLC), Add	176.91		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.18		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.30		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.86		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.77		
		For >50 To 100, Deduct	-28.02		
		For >100, Deduct	-40.63		
		For 9' Door Height, Add	82.56		
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	509.69	58.28	
		For 7 Ply Cold Press Construction, Deduct	-7.86		
		For Stave Lumber Core (SLC), Add	294.86		
		For Structural Composite Lumber Core (SCLC), Add	176.91		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.18		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	212.30		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.86		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	471.77		
		For >50 To 100, Deduct	-28.40		
		For >100, Deduct	-41.14		
		For 9' Door Height, Add	82.56		
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	513.74	58.28	
		For 7 Ply Cold Press Construction, Deduct	-7.94		
		For Stave Lumber Core (SLC), Add	297.89		
		For Structural Composite Lumber Core (SCLC), Add	178.74		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.66		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	214.48		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	297.89		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	476.63		
		For >50 To 100, Deduct	-28.60		
		For >100, Deduct	-41.44		
		For 9' Door Height, Add	83.41		

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	515.58	58.28
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.98	
		<i>For Stave Lumber Core (SLC), Add</i>	299.27	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	179.56	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.88	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	215.48	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	299.27	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	478.84	
		<i>For >50 To 100, Deduct</i>	-28.69	
		<i>For >100, Deduct</i>	-41.58	
		<i>For 9' Door Height, Add</i>	83.80	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	522.47	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.02	
		<i>For Stave Lumber Core (SLC), Add</i>	300.64	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	180.38	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.10	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	216.46	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	300.64	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	481.02	
		<i>For >50 To 100, Deduct</i>	-29.16	
		<i>For >100, Deduct</i>	-42.23	
		<i>For 9' Door Height, Add</i>	84.18	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	566.50	60.81
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.90	
		<i>For Stave Lumber Core (SLC), Add</i>	333.66	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	200.20	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.39	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	240.24	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	333.66	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	533.86	
		<i>For >50 To 100, Deduct</i>	-31.37	
		<i>For >100, Deduct</i>	-45.53	
		<i>For 9' Door Height, Add</i>	93.42	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	657.03	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.61	
		<i>For Stave Lumber Core (SLC), Add</i>	397.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	238.65	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.64	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	286.38	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	397.76	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	636.41	
		<i>For >50 To 100, Deduct</i>	-36.02	
		<i>For >100, Deduct</i>	-52.44	
		<i>For 9' Door Height, Add</i>	111.37	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	712.86	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.72	
		<i>For Stave Lumber Core (SLC), Add</i>	439.63	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	263.78	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	70.34	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	316.53	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	439.63	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	703.40	
		<i>For >50 To 100, Deduct</i>	-38.81	
		<i>For >100, Deduct</i>	-56.63	
		<i>For 9' Door Height, Add</i>	123.10	
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	768.72	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.84	
		<i>For Stave Lumber Core (SLC), Add</i>	481.52	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	288.91	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	77.04	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	346.70	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	481.52	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	770.44	
		<i>For >50 To 100, Deduct</i>	-41.60	
		<i>For >100, Deduct</i>	-60.82	
		<i>For 9' Door Height, Add</i>	134.83	

08 14 16 00-0534 Walnut Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	509.00	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.95	
		<i>For Stave Lumber Core (SLC), Add</i>	298.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	178.88	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.70	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	214.66	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	298.14	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	477.02	
		<i>For >50 To 100, Deduct</i>	-28.24	
		<i>For >100, Deduct</i>	-40.96	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	509.00	55.74
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.95	
		<i>For Stave Lumber Core (SLC), Add</i>	298.14	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	178.88	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.70	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	214.66	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	298.14	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	477.02	
		<i>For >50 To 100, Deduct</i>	-28.24	
		<i>For >100, Deduct</i>	-40.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0537 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	514.20	58.28
For 7 Ply Cold Press Construction, Deduct	-7.95	
For Stave Lumber Core (SLC), Add	298.24	
For Structural Composite Lumber Core (SCLC), Add	178.94	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.72	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	214.73	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	298.24	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	477.18	
For >50 To 100, Deduct	-28.62	
For >100, Deduct	-41.48	
08 14 16 00-0538 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	518.29	58.28
For 7 Ply Cold Press Construction, Deduct	-8.03	
For Stave Lumber Core (SLC), Add	301.31	
For Structural Composite Lumber Core (SCLC), Add	180.78	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.21	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	216.94	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	301.31	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	482.09	
For >50 To 100, Deduct	-28.83	
For >100, Deduct	-41.79	
08 14 16 00-0539 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	529.01	58.28
For 7 Ply Cold Press Construction, Deduct	-8.25	
For Stave Lumber Core (SLC), Add	309.35	
For Structural Composite Lumber Core (SCLC), Add	185.61	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.50	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	222.73	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	309.35	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	494.95	
For >50 To 100, Deduct	-29.36	
For >100, Deduct	-42.59	
08 14 16 00-0540 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	544.78	60.81
For 7 Ply Cold Press Construction, Deduct	-8.46	
For Stave Lumber Core (SLC), Add	317.37	
For Structural Composite Lumber Core (SCLC), Add	190.42	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.78	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	228.51	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	317.37	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	507.79	
For >50 To 100, Deduct	-30.28	
For >100, Deduct	-43.90	
08 14 16 00-0541 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	572.57	60.81
For 7 Ply Cold Press Construction, Deduct	-9.02	
For Stave Lumber Core (SLC), Add	338.21	
For Structural Composite Lumber Core (SCLC), Add	202.93	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	54.11	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	243.51	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	338.21	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	541.14	
For >50 To 100, Deduct	-31.67	
For >100, Deduct	-45.98	
08 14 16 00-0542 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	694.93	63.34
For 7 Ply Cold Press Construction, Deduct	-11.36	
For Stave Lumber Core (SLC), Add	426.18	
For Structural Composite Lumber Core (SCLC), Add	255.71	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	68.19	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	306.85	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	426.18	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	681.89	
For >50 To 100, Deduct	-37.91	
For >100, Deduct	-55.29	
08 14 16 00-0543 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	723.33	63.34
For 7 Ply Cold Press Construction, Deduct	-11.93	
For Stave Lumber Core (SLC), Add	447.48	
For Structural Composite Lumber Core (SCLC), Add	268.49	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	71.60	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	322.19	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	447.48	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	715.97	
For >50 To 100, Deduct	-39.33	
For >100, Deduct	-57.42	
08 14 16 00-0544 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	780.18	63.34
For 7 Ply Cold Press Construction, Deduct	-13.07	
For Stave Lumber Core (SLC), Add	490.12	
For Structural Composite Lumber Core (SCLC), Add	294.07	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	78.42	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	352.88	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	490.12	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	784.19	
For >50 To 100, Deduct	-42.18	
For >100, Deduct	-61.68	
08 14 16 00-0545 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	532.13	55.74
For 7 Ply Cold Press Construction, Deduct	-8.41	
For Stave Lumber Core (SLC), Add	315.49	
For Structural Composite Lumber Core (SCLC), Add	189.29	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.48	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	227.15	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	315.49	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	504.78	
For >50 To 100, Deduct	-29.39	
For >100, Deduct	-42.70	

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0546	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	532.13 -8.41 315.49 189.29 50.48 227.15 315.49 504.78 -29.39 -42.70	55.74
08 14 16 00-0547	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	537.33 -8.42 315.59 189.35 50.49 227.22 315.59 504.94 -29.78 -43.21	58.28
08 14 16 00-0548	EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	541.68 -8.50 318.85 191.31 51.02 229.57 318.85 510.16 -30.00 -43.54	58.28
08 14 16 00-0549	EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	553.01 -8.73 327.35 196.41 52.38 235.69 327.35 523.75 -30.56 -44.39	58.28
08 14 16 00-0550	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	569.39 -8.96 335.83 201.50 53.73 241.80 335.83 537.32 -31.51 -45.74	60.81
08 14 16 00-0551	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	598.82 -9.54 357.90 214.74 57.26 257.69 357.90 572.64 -32.98 -47.95	60.81
08 14 16 00-0552	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	727.98 -12.03 450.97 270.58 72.15 324.70 450.97 721.55 -39.57 -57.77	63.34
08 14 16 00-0553	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	758.05 -12.63 473.52 284.11 75.76 340.93 473.52 757.63 -41.07 -60.02	63.34
08 14 16 00-0554	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	818.20 -13.83 518.63 311.18 82.98 373.42 518.63 829.81 -44.08 -64.53	63.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	614.16 -10.05 377.01 226.21 60.32 271.45 377.01 603.22 -33.50 -48.85 105.56	55.74
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	614.16 -10.05 377.01 226.21 60.32 271.45 377.01 603.22 -33.50 -48.85 105.56	55.74
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	619.39 -10.06 377.13 226.28 60.34 271.53 377.13 603.41 -33.88 -49.37 105.60	58.28
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	624.58 -10.16 381.02 228.61 60.96 274.34 381.02 609.64 -34.14 -49.76 106.69	58.28
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	638.12 -10.43 391.18 234.71 62.59 281.65 391.18 625.88 -34.82 -50.77 109.53	58.28
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	656.72 -10.70 401.33 240.80 64.21 288.95 401.33 642.12 -35.88 -52.29 112.37	60.81
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	691.88 -11.41 427.70 256.62 68.43 307.94 427.70 684.31 -37.63 -54.93 119.75	60.81
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4"	Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	845.25 -14.37 538.92 323.35 86.23 388.02 538.92 862.27 -45.43 -66.56 150.90	63.34

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	881.17	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-15.09	
		<i>For Stave Lumber Core (SLC), Add</i>	565.86	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	339.52	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	90.54	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	407.42	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	565.86	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	905.38	
		<i>For >50 To 100, Deduct</i>	-47.23	
		<i>For >100, Deduct</i>	-69.26	
		<i>For 9' Door Height, Add</i>	158.44	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	953.05	63.34
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-16.53	
		<i>For Stave Lumber Core (SLC), Add</i>	619.77	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	371.86	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	99.16	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	446.23	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	619.77	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	991.63	
		<i>For >50 To 100, Deduct</i>	-50.82	
		<i>For >100, Deduct</i>	-74.65	
		<i>For 9' Door Height, Add</i>	173.54	
08 14 16 00-0565 Lauan Faced Wood Doors (08 14 16 00-0440)				
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.25	55.74
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.17	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	86.28	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	119.83	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	191.72	
		<i>For >50 To 100, Deduct</i>	-16.35	
		<i>For >100, Deduct</i>	-23.13	
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.25	55.74
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.17	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	86.28	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	119.83	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	191.72	
		<i>For >50 To 100, Deduct</i>	-16.35	
		<i>For >100, Deduct</i>	-23.13	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	276.78	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.23	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	86.52	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	120.17	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	192.28	
		<i>For >50 To 100, Deduct</i>	-16.75	
		<i>For >100, Deduct</i>	-23.67	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	281.38	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.78	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	89.01	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	123.62	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	197.80	
		<i>For >50 To 100, Deduct</i>	-16.98	
		<i>For >100, Deduct</i>	-24.02	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	283.04	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.98	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	89.90	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	124.87	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	199.79	
		<i>For >50 To 100, Deduct</i>	-17.07	
		<i>For >100, Deduct</i>	-24.14	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	289.78	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	20.18	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	90.81	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.12	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	201.79	
		<i>For >50 To 100, Deduct</i>	-17.53	
		<i>For >100, Deduct</i>	-24.77	
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	304.98	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.00	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	99.01	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	137.52	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	220.03	
		<i>For >50 To 100, Deduct</i>	-18.29	
		<i>For >100, Deduct</i>	-25.91	
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.12	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.57	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	106.07	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	147.32	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	235.72	
		<i>For >50 To 100, Deduct</i>	-19.32	
		<i>For >100, Deduct</i>	-27.40	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	332.95	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.75	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	111.38	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	154.70	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	247.51	
		<i>For >50 To 100, Deduct</i>	-19.81	
		<i>For >100, Deduct</i>	-28.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0575	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	352.60 27.11 121.99 169.43 271.09 -20.80 -29.61	63.34
08 14 16 00-0576	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	280.54 20.29 91.29 126.80 202.87 -16.81 -23.83	55.74
08 14 16 00-0577	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	280.53 20.29 91.29 126.79 202.86 -16.81 -23.83	55.74
08 14 16 00-0578	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	286.10 20.35 91.56 127.16 203.46 -17.22 -24.37	58.28
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	290.96 20.93 94.18 130.81 209.29 -17.46 -24.74	58.28
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	292.74 21.14 95.14 132.14 211.43 -17.55 -24.87	58.28
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	299.56 21.35 96.09 133.46 213.53 -18.02 -25.51	60.81
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	315.64 23.28 104.77 145.52 232.82 -18.82 -26.71	60.81
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	334.56 24.94 112.25 155.90 249.44 -19.90 -28.26	63.34
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	344.95 26.19 117.86 163.70 261.91 -20.41 -29.04	63.34
08 14 16 00-0585	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	365.75 28.69 129.09 179.30 286.87 -21.45 -30.60	63.34
08 14 16 00-0586	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	313.49 24.24 109.09 151.51 242.41 -18.46 -26.30 42.42	55.74

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	313.49	55.74
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.24	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	109.09	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	151.51	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	242.41	
		<i>For >50 To 100, Deduct</i>	-18.46	
		<i>For >100, Deduct</i>	-26.30	
		<i>For 9' Door Height, Add</i>	42.42	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	319.15	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.31	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	109.40	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	151.95	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	243.12	
		<i>For >50 To 100, Deduct</i>	-18.87	
		<i>For >100, Deduct</i>	-26.85	
		<i>For 9' Door Height, Add</i>	42.55	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	324.98	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.01	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	112.55	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.32	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	250.12	
		<i>For >50 To 100, Deduct</i>	-19.16	
		<i>For >100, Deduct</i>	-27.29	
		<i>For 9' Door Height, Add</i>	43.77	
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	327.11	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.27	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	113.70	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	157.92	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	252.67	
		<i>For >50 To 100, Deduct</i>	-19.27	
		<i>For >100, Deduct</i>	-27.45	
		<i>For 9' Door Height, Add</i>	44.22	
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	334.27	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.52	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	114.83	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	159.49	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	255.18	
		<i>For >50 To 100, Deduct</i>	-19.75	
		<i>For >100, Deduct</i>	-28.11	
		<i>For 9' Door Height, Add</i>	44.66	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	353.49	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.82	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	125.21	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	173.90	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	278.24	
		<i>For >50 To 100, Deduct</i>	-20.72	
		<i>For >100, Deduct</i>	-29.55	
		<i>For 9' Door Height, Add</i>	48.69	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	375.09	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	134.14	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	186.30	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	298.08	
		<i>For >50 To 100, Deduct</i>	-21.92	
		<i>For >100, Deduct</i>	-31.30	
		<i>For 9' Door Height, Add</i>	52.16	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	387.50	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.30	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	140.84	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.61	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	312.97	
		<i>For >50 To 100, Deduct</i>	-22.54	
		<i>For >100, Deduct</i>	-32.23	
		<i>For 9' Door Height, Add</i>	54.77	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	412.37	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	34.28	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	154.27	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	214.26	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	342.82	
		<i>For >50 To 100, Deduct</i>	-23.79	
		<i>For >100, Deduct</i>	-34.10	
		<i>For 9' Door Height, Add</i>	59.99	
08 14 16 00-0596	Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)			
08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	278.03	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	124.91	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	74.95	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.99	
		<i>For >50 To 100, Deduct</i>	-16.69	
		<i>For >100, Deduct</i>	-23.64	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	278.03	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	124.91	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	74.95	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	19.99	
		<i>For >50 To 100, Deduct</i>	-16.69	
		<i>For >100, Deduct</i>	-23.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0599	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	292.74 132.14 79.29 21.14 -17.55 -24.87	58.28
08 14 16 00-0600	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	302.36 139.36 83.61 22.30 -18.03 -25.59	58.28
08 14 16 00-0601	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	304.15 140.70 84.42 22.51 -18.12 -25.73	58.28
08 14 16 00-0602	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	311.04 142.07 85.24 22.73 -18.59 -26.37	60.81
08 14 16 00-0603	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	331.92 157.73 94.64 25.24 -19.64 -27.93	60.81
08 14 16 00-0604	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	375.11 186.32 111.79 29.81 -21.92 -31.30	63.34
08 14 16 00-0605	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	387.55 195.65 117.39 31.30 -22.54 -32.23	63.34
08 14 16 00-0606	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	412.37 214.26 128.56 34.28 -23.79 -34.10	63.34
08 14 16 00-0607	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	287.72 132.18 79.31 21.15 -17.17 -24.37	55.74
08 14 16 00-0608	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	287.72 132.18 79.31 21.15 -17.17 -24.37	55.74
08 14 16 00-0609	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	303.00 139.84 83.90 22.37 -18.06 -25.64	58.28
08 14 16 00-0610	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	313.19 147.48 88.49 23.60 -18.57 -26.40	58.28
08 14 16 00-0611	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	315.08 148.90 89.34 23.82 -18.67 -26.54	58.28
08 14 16 00-0612	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	322.07 150.34 90.20 24.05 -19.14 -27.20	60.81
08 14 16 00-0613	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	344.15 166.90 100.14 26.70 -20.25 -28.85	60.81

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	389.57	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	197.16	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.30	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.55	
		<i>For >50 To 100, Deduct</i>	-22.65	
		<i>For >100, Deduct</i>	-32.39	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	402.72	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	207.02	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	124.21	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.12	
		<i>For >50 To 100, Deduct</i>	-23.30	
		<i>For >100, Deduct</i>	-33.37	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	429.00	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	226.73	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	136.04	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.28	
		<i>For >50 To 100, Deduct</i>	-24.62	
		<i>For >100, Deduct</i>	-35.34	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	322.09	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	157.96	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	94.77	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.27	
		<i>For >50 To 100, Deduct</i>	-18.89	
		<i>For >100, Deduct</i>	-26.94	
		<i>For 9' Door Height, Add</i>	44.23	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	322.09	55.74
		<i>For Stave Lumber Core (SLC), Add</i>	157.96	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	94.77	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.27	
		<i>For >50 To 100, Deduct</i>	-18.89	
		<i>For >100, Deduct</i>	-26.94	
		<i>For 9' Door Height, Add</i>	44.23	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	339.36	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	167.11	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.26	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.74	
		<i>For >50 To 100, Deduct</i>	-19.88	
		<i>For >100, Deduct</i>	-28.37	
		<i>For 9' Door Height, Add</i>	46.79	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	351.54	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	176.24	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.75	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.20	
		<i>For >50 To 100, Deduct</i>	-20.49	
		<i>For >100, Deduct</i>	-29.28	
		<i>For 9' Door Height, Add</i>	49.35	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	353.79	58.28
		<i>For Stave Lumber Core (SLC), Add</i>	177.93	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.76	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.47	
		<i>For >50 To 100, Deduct</i>	-20.60	
		<i>For >100, Deduct</i>	-29.45	
		<i>For 9' Door Height, Add</i>	49.82	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	361.17	60.81
		<i>For Stave Lumber Core (SLC), Add</i>	179.66	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	107.80	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.75	
		<i>For >50 To 100, Deduct</i>	-21.10	
		<i>For >100, Deduct</i>	-30.13	
		<i>For 9' Door Height, Add</i>	50.31	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	387.55	60.81
		<i>For Stave Lumber Core (SLC), Add</i>	199.45	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	119.67	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.91	
		<i>For >50 To 100, Deduct</i>	-22.42	
		<i>For >100, Deduct</i>	-32.11	
		<i>For 9' Door Height, Add</i>	55.85	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	440.82	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	235.60	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.36	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.70	
		<i>For >50 To 100, Deduct</i>	-25.21	
		<i>For >100, Deduct</i>	-36.23	
		<i>For 9' Door Height, Add</i>	65.97	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	456.56	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	247.40	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	148.44	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.58	
		<i>For >50 To 100, Deduct</i>	-26.00	
		<i>For >100, Deduct</i>	-37.41	
		<i>For 9' Door Height, Add</i>	69.27	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	487.95	63.34
		<i>For Stave Lumber Core (SLC), Add</i>	270.95	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	162.57	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.35	
		<i>For >50 To 100, Deduct</i>	-27.56	
		<i>For >100, Deduct</i>	-39.76	
		<i>For 9' Door Height, Add</i>	75.86	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0628	EA		Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes any standard manufacturer color on six sides. For Custom Color To Match Non Standard Manufacturer Finish, Add	42.67	
				14.21	

08 14 23 Clad Wood Doors (08 14)

08 14 23 13 Metal-Faced Wood Doors (08 14 23)

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001			24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)		
08 14 23 13-0002	EA		2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	613.23	124.65
08 14 23 13-0003	EA		2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	656.06	136.82
08 14 23 13-0004	EA		2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	705.69	151.00
08 14 23 13-0005	EA		3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	736.98	156.07
08 14 23 13-0006	EA		3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	789.51	171.78
08 14 23 13-0007	EA		3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door	853.65	177.35

08 14 23 16 Plastic-Laminate-Faced Wood Doors (08 14 23)

08 14 23 16-0001			1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0002	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	211.36	55.74
			For Structural Composite Lumber Core (SCLC), Add	44.95	
			For 5 Ply Construction, Add	3.50	
			For >50 To 100, Deduct	-13.36	
			For >100, Deduct	-18.64	
08 14 23 16-0003	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	211.36	55.74
			For Structural Composite Lumber Core (SCLC), Add	44.95	
			For 5 Ply Construction, Add	3.50	
			For >50 To 100, Deduct	-13.36	
			For >100, Deduct	-18.64	
08 14 23 16-0004	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	221.92	58.28
			For Structural Composite Lumber Core (SCLC), Add	47.42	
			For 5 Ply Construction, Add	3.69	
			For >50 To 100, Deduct	-14.01	
			For >100, Deduct	-19.56	
08 14 23 16-0005	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	227.41	58.28
			For Structural Composite Lumber Core (SCLC), Add	49.89	
			For 5 Ply Construction, Add	3.88	
			For >50 To 100, Deduct	-14.28	
			For >100, Deduct	-19.97	
08 14 23 16-0006	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	230.19	58.28
			For Structural Composite Lumber Core (SCLC), Add	51.14	
			For 5 Ply Construction, Add	3.98	
			For >50 To 100, Deduct	-14.42	
			For >100, Deduct	-20.18	
08 14 23 16-0007	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	238.01	60.81
			For Structural Composite Lumber Core (SCLC), Add	52.38	
			For 5 Ply Construction, Add	4.07	
			For >50 To 100, Deduct	-14.94	
			For >100, Deduct	-20.89	
08 14 23 16-0008	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	250.81	60.81
			For Structural Composite Lumber Core (SCLC), Add	58.14	
			For 5 Ply Construction, Add	4.52	
			For >50 To 100, Deduct	-15.58	
			For >100, Deduct	-21.85	
08 14 23 16-0009	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	264.15	63.34
			For Structural Composite Lumber Core (SCLC), Add	61.86	
			For 5 Ply Construction, Add	4.81	
			For >50 To 100, Deduct	-16.37	
			For >100, Deduct	-22.98	
08 14 23 16-0010	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	217.17	55.74
			For Structural Composite Lumber Core (SCLC), Add	47.56	
			For 5 Ply Construction, Add	3.70	
			For >50 To 100, Deduct	-13.65	
			For >100, Deduct	-19.07	
08 14 23 16-0011	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	217.17	55.74
			For Structural Composite Lumber Core (SCLC), Add	47.56	
			For 5 Ply Construction, Add	3.70	
			For >50 To 100, Deduct	-13.65	
			For >100, Deduct	-19.07	

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	228.05	58.28
		For Structural Composite Lumber Core (SCLC), Add	50.18	
		For 5 Ply Construction, Add	3.90	
		For >50 To 100, Deduct	-14.32	
		For >100, Deduct	-20.02	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	233.86	58.28
		For Structural Composite Lumber Core (SCLC), Add	52.79	
		For 5 Ply Construction, Add	4.11	
		For >50 To 100, Deduct	-14.61	
		For >100, Deduct	-20.45	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	236.79	58.28
		For Structural Composite Lumber Core (SCLC), Add	54.11	
		For 5 Ply Construction, Add	4.21	
		For >50 To 100, Deduct	-14.75	
		For >100, Deduct	-20.67	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	244.78	60.81
		For Structural Composite Lumber Core (SCLC), Add	55.42	
		For 5 Ply Construction, Add	4.31	
		For >50 To 100, Deduct	-15.28	
		For >100, Deduct	-21.40	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	258.33	60.81
		For Structural Composite Lumber Core (SCLC), Add	61.52	
		For 5 Ply Construction, Add	4.78	
		For >50 To 100, Deduct	-15.96	
		For >100, Deduct	-22.42	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	272.15	63.34
		For Structural Composite Lumber Core (SCLC), Add	65.46	
		For 5 Ply Construction, Add	5.09	
		For >50 To 100, Deduct	-16.77	
		For >100, Deduct	-23.58	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	237.78	55.74
		For Structural Composite Lumber Core (SCLC), Add	56.84	
		For 5 Ply Construction, Add	4.42	
		For >50 To 100, Deduct	-14.68	
		For >100, Deduct	-20.62	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	237.78	55.74
		For Structural Composite Lumber Core (SCLC), Add	56.84	
		For 5 Ply Construction, Add	4.42	
		For >50 To 100, Deduct	-14.68	
		For >100, Deduct	-20.62	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	249.80	58.28
		For Structural Composite Lumber Core (SCLC), Add	59.96	
		For 5 Ply Construction, Add	4.66	
		For >50 To 100, Deduct	-15.40	
		For >100, Deduct	-21.65	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	256.74	58.28
		For Structural Composite Lumber Core (SCLC), Add	63.09	
		For 5 Ply Construction, Add	4.91	
		For >50 To 100, Deduct	-15.75	
		For >100, Deduct	-22.17	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	260.24	58.28
		For Structural Composite Lumber Core (SCLC), Add	64.66	
		For 5 Ply Construction, Add	5.03	
		For >50 To 100, Deduct	-15.93	
		For >100, Deduct	-22.43	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	268.80	60.81
		For Structural Composite Lumber Core (SCLC), Add	66.23	
		For 5 Ply Construction, Add	5.15	
		For >50 To 100, Deduct	-16.48	
		For >100, Deduct	-23.20	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	284.98	60.81
		For Structural Composite Lumber Core (SCLC), Add	73.51	
		For 5 Ply Construction, Add	5.72	
		For >50 To 100, Deduct	-17.29	
		For >100, Deduct	-24.41	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	300.51	63.34
		For Structural Composite Lumber Core (SCLC), Add	78.22	
		For 5 Ply Construction, Add	6.08	
		For >50 To 100, Deduct	-18.19	
		For >100, Deduct	-25.71	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 16-0027	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	281.64	55.74
			For 5 Ply Construction, Add	5.96	
			For Stave Lumber Core (SLC), Add	127.62	
			For Structural Composite Lumber Core (SCLC), Add	76.57	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.42	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	91.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	127.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	204.19	
			For >50 To 100, Deduct	-16.87	
			For >100, Deduct	-23.91	
08 14 23 16-0028	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	281.63	55.74
			For 5 Ply Construction, Add	5.96	
			For Stave Lumber Core (SLC), Add	127.61	
			For Structural Composite Lumber Core (SCLC), Add	76.57	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.42	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	91.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	127.61	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	204.18	
			For >50 To 100, Deduct	-16.87	
			For >100, Deduct	-23.91	
08 14 23 16-0029	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	292.02	58.28
			For 5 Ply Construction, Add	6.14	
			For Stave Lumber Core (SLC), Add	131.60	
			For Structural Composite Lumber Core (SCLC), Add	78.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	94.75	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	131.60	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	210.56	
			For >50 To 100, Deduct	-17.51	
			For >100, Deduct	-24.82	
08 14 23 16-0030	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	292.02	58.28
			For 5 Ply Construction, Add	6.14	
			For Stave Lumber Core (SLC), Add	131.60	
			For Structural Composite Lumber Core (SCLC), Add	78.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	94.75	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	131.60	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	210.56	
			For >50 To 100, Deduct	-17.51	
			For >100, Deduct	-24.82	
08 14 23 16-0031	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.56	58.28
			For 5 Ply Construction, Add	6.51	
			For Stave Lumber Core (SLC), Add	139.51	
			For Structural Composite Lumber Core (SCLC), Add	83.70	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.32	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.45	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	139.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	223.21	
			For >50 To 100, Deduct	-18.04	
			For >100, Deduct	-25.61	
08 14 23 16-0032	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	318.17	60.81
			For 5 Ply Construction, Add	6.88	
			For Stave Lumber Core (SLC), Add	147.41	
			For Structural Composite Lumber Core (SCLC), Add	88.45	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.59	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.14	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.41	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.86	
			For >50 To 100, Deduct	-18.95	
			For >100, Deduct	-26.90	
08 14 23 16-0033	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	328.94	60.81
			For 5 Ply Construction, Add	7.26	
			For Stave Lumber Core (SLC), Add	155.49	
			For Structural Composite Lumber Core (SCLC), Add	93.29	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.88	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.95	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	155.49	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	248.78	
			For >50 To 100, Deduct	-19.49	
			For >100, Deduct	-27.71	
08 14 23 16-0034	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	339.39	63.34
			For 5 Ply Construction, Add	7.44	
			For Stave Lumber Core (SLC), Add	159.53	
			For Structural Composite Lumber Core (SCLC), Add	95.72	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	114.86	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	159.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	255.24	
			For >50 To 100, Deduct	-20.14	
			For >100, Deduct	-28.62	

08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 16-0035	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	350.02	63.34
	For 5 Ply Construction, Add	7.82	
	For Stave Lumber Core (SLC), Add	167.50	
	For Structural Composite Lumber Core (SCLC), Add	100.50	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.80	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	120.60	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	167.50	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	268.00	
	For >50 To 100, Deduct	-20.67	
	For >100, Deduct	-29.42	
08 14 23 16-0036	EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	381.42	68.41
	For 5 Ply Construction, Add	8.56	
	For Stave Lumber Core (SLC), Add	183.45	
	For Structural Composite Lumber Core (SCLC), Add	110.07	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.35	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	132.08	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	183.45	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	293.52	
	For >50 To 100, Deduct	-22.49	
	For >100, Deduct	-32.03	
08 14 23 16-0037	EA 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	291.54	55.74
	For 5 Ply Construction, Add	6.30	
	For Stave Lumber Core (SLC), Add	135.05	
	For Structural Composite Lumber Core (SCLC), Add	81.03	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.61	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.23	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	135.05	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	216.07	
	For >50 To 100, Deduct	-17.36	
	For >100, Deduct	-24.65	
08 14 23 16-0038	EA 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	291.53	55.74
	For 5 Ply Construction, Add	6.30	
	For Stave Lumber Core (SLC), Add	135.04	
	For Structural Composite Lumber Core (SCLC), Add	81.02	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.61	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.23	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	135.04	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	216.06	
	For >50 To 100, Deduct	-17.36	
	For >100, Deduct	-24.65	
08 14 23 16-0039	EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.24	58.28
	For 5 Ply Construction, Add	6.50	
	For Stave Lumber Core (SLC), Add	139.27	
	For Structural Composite Lumber Core (SCLC), Add	83.56	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.28	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.27	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	139.27	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	222.83	
	For >50 To 100, Deduct	-18.03	
	For >100, Deduct	-25.58	
08 14 23 16-0040	EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.24	58.28
	For 5 Ply Construction, Add	6.50	
	For Stave Lumber Core (SLC), Add	139.27	
	For Structural Composite Lumber Core (SCLC), Add	83.56	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.28	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.27	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	139.27	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	222.83	
	For >50 To 100, Deduct	-18.03	
	For >100, Deduct	-25.58	
08 14 23 16-0041	EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	313.39	58.28
	For 5 Ply Construction, Add	6.89	
	For Stave Lumber Core (SLC), Add	147.63	
	For Structural Composite Lumber Core (SCLC), Add	88.58	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.62	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.29	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.63	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	236.21	
	For >50 To 100, Deduct	-18.58	
	For >100, Deduct	-26.42	
08 14 23 16-0042	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	329.61	60.81
	For 5 Ply Construction, Add	7.28	
	For Stave Lumber Core (SLC), Add	155.99	
	For Structural Composite Lumber Core (SCLC), Add	93.60	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.96	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	112.31	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	155.99	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	249.59	
	For >50 To 100, Deduct	-19.52	
	For >100, Deduct	-27.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 16-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	341.00	60.81
			For 5 Ply Construction, Add	7.68	
			For Stave Lumber Core (SLC), Add	164.54	
			For Structural Composite Lumber Core (SCLC), Add	98.72	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.33	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	118.47	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	164.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	263.26	
			For >50 To 100, Deduct	-20.09	
			For >100, Deduct	-28.62	
08 14 23 16-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	351.77	63.34
			For 5 Ply Construction, Add	7.88	
			For Stave Lumber Core (SLC), Add	168.81	
			For Structural Composite Lumber Core (SCLC), Add	101.29	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.01	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	121.54	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	168.81	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	270.10	
			For >50 To 100, Deduct	-20.76	
			For >100, Deduct	-29.55	
08 14 23 16-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	363.02	63.34
			For 5 Ply Construction, Add	8.27	
			For Stave Lumber Core (SLC), Add	177.25	
			For Structural Composite Lumber Core (SCLC), Add	106.35	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.36	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	127.62	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	177.25	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	283.60	
			For >50 To 100, Deduct	-21.32	
			For >100, Deduct	-30.39	
08 14 23 16-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	395.66	68.41
			For 5 Ply Construction, Add	9.06	
			For Stave Lumber Core (SLC), Add	194.13	
			For Structural Composite Lumber Core (SCLC), Add	116.48	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	139.77	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	194.13	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	310.61	
			For >50 To 100, Deduct	-23.20	
			For >100, Deduct	-33.10	
08 14 23 16-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	326.66	55.74
			For 5 Ply Construction, Add	7.53	
			For Stave Lumber Core (SLC), Add	161.39	
			For Structural Composite Lumber Core (SCLC), Add	96.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.82	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.20	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	161.39	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	258.22	
			For >50 To 100, Deduct	-19.12	
			For >100, Deduct	-27.29	
08 14 23 16-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	326.65	55.74
			For 5 Ply Construction, Add	7.53	
			For Stave Lumber Core (SLC), Add	161.38	
			For Structural Composite Lumber Core (SCLC), Add	96.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.82	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.19	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	161.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	258.20	
			For >50 To 100, Deduct	-19.12	
			For >100, Deduct	-27.29	
08 14 23 16-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	338.45	58.28
			For 5 Ply Construction, Add	7.77	
			For Stave Lumber Core (SLC), Add	166.43	
			For Structural Composite Lumber Core (SCLC), Add	99.86	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	119.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	166.43	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	266.28	
			For >50 To 100, Deduct	-19.84	
			For >100, Deduct	-28.30	
08 14 23 16-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	338.45	58.28
			For 5 Ply Construction, Add	7.77	
			For Stave Lumber Core (SLC), Add	166.43	
			For Structural Composite Lumber Core (SCLC), Add	99.86	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	119.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	166.43	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	266.28	
			For >50 To 100, Deduct	-19.84	
			For >100, Deduct	-28.30	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	351.77	58.28
		For 5 Ply Construction, Add	8.23	
		For Stave Lumber Core (SLC), Add	176.42	
		For Structural Composite Lumber Core (SCLC), Add	105.85	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.23	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	127.02	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	176.42	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	282.26	
		For >50 To 100, Deduct	-20.50	
		For >100, Deduct	-29.30	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	370.17	60.81
		For 5 Ply Construction, Add	8.70	
		For Stave Lumber Core (SLC), Add	186.41	
		For Structural Composite Lumber Core (SCLC), Add	111.85	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.83	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	134.22	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	186.41	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	298.26	
		For >50 To 100, Deduct	-21.55	
		For >100, Deduct	-30.80	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	383.78	60.81
		For 5 Ply Construction, Add	9.18	
		For Stave Lumber Core (SLC), Add	196.62	
		For Structural Composite Lumber Core (SCLC), Add	117.97	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.46	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	141.57	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	196.62	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	314.59	
		For >50 To 100, Deduct	-22.23	
		For >100, Deduct	-31.82	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	395.65	63.34
		For 5 Ply Construction, Add	9.41	
		For Stave Lumber Core (SLC), Add	201.72	
		For Structural Composite Lumber Core (SCLC), Add	121.03	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.28	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	145.24	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	201.72	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	322.75	
		For >50 To 100, Deduct	-22.95	
		For >100, Deduct	-32.84	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	409.10	63.34
		For 5 Ply Construction, Add	9.88	
		For Stave Lumber Core (SLC), Add	211.81	
		For Structural Composite Lumber Core (SCLC), Add	127.08	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.89	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	152.50	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	211.81	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	338.89	
		For >50 To 100, Deduct	-23.62	
		For >100, Deduct	-33.85	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	446.13	68.41
		For 5 Ply Construction, Add	10.83	
		For Stave Lumber Core (SLC), Add	231.98	
		For Structural Composite Lumber Core (SCLC), Add	139.19	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.12	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.03	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	231.98	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	371.17	
		For >50 To 100, Deduct	-25.73	
		For >100, Deduct	-36.88	

08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)

08 14 23 19-0001		1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)		
08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	206.54	55.74
		For >50 To 100, Deduct	-13.11	
		For >100, Deduct	-18.28	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	206.54	55.74
		For >50 To 100, Deduct	-13.11	
		For >100, Deduct	-18.28	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	218.54	58.28
		For >50 To 100, Deduct	-13.84	
		For >100, Deduct	-19.30	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	221.84	58.28
		For >50 To 100, Deduct	-14.01	
		For >100, Deduct	-19.55	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	225.12	58.28
		For >50 To 100, Deduct	-14.17	
		For >100, Deduct	-19.80	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	233.49	60.81
		For >50 To 100, Deduct	-14.72	
		For >100, Deduct	-20.55	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 14 23 19-0008	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	245.77 -15.33 -21.47		60.81
08 14 23 19-0009	EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	258.80 -16.11 -22.58		63.34
08 14 23 19-0010	EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	212.06 -13.39 -18.69		55.74
08 14 23 19-0011	EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	212.06 -13.39 -18.69		55.74
08 14 23 19-0012	EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	224.48 -14.14 -19.75		58.28
08 14 23 19-0013	EA 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	227.96 -14.31 -20.01		58.28
08 14 23 19-0014	EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.44 -14.49 -20.27		58.28
08 14 23 19-0015	EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	239.99 -15.04 -21.04		60.81
08 14 23 19-0016	EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	252.98 -15.69 -22.01		60.81
08 14 23 19-0017	EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	266.47 -16.49 -23.15		63.34
08 14 23 19-0018	EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.69 -14.37 -20.16		55.74
08 14 23 19-0019	EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.69 -14.37 -20.16		55.74
08 14 23 19-0020	EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	245.53 -15.19 -21.33		58.28
08 14 23 19-0021	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	249.68 -15.40 -21.64		58.28
08 14 23 19-0022	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	253.85 -15.61 -21.95		58.28
08 14 23 19-0023	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	263.06 -16.19 -22.77		60.81
08 14 23 19-0024	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	278.60 -16.97 -23.94		60.81
08 14 23 19-0025	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.72 -17.85 -25.20		63.34
08 14 23 19-0026	1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF)			
	Faced Wood Doors <small>(08 14 23 19)</small>			
08 14 23 19-0027	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.92 -14.28 -20.03		55.74
08 14 23 19-0028	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.92 -14.28 -20.03		55.74
08 14 23 19-0029	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	238.27 -14.83 -20.78		58.28
08 14 23 19-0030	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	244.87 -15.16 -21.28		58.28
08 14 23 19-0031	EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	248.17 -15.32 -21.53		58.28
08 14 23 19-0032	EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	256.49 -15.87 -22.28		60.81
08 14 23 19-0033	EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	264.01 -16.24 -22.84		60.81
08 14 23 19-0034	EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.54 -17.84 -25.18		63.34
08 14 23 19-0035	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	301.88 -18.26 -25.81		63.34
08 14 23 19-0036	EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	318.59 -19.10 -27.06		63.34

08	08	Openings
	08 10	Doors And Frames
	08 14	Wood Doors



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0037	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	236.81	55.74
			<i>For >50 To 100, Deduct</i>	-14.63	
			<i>For >100, Deduct</i>	-20.55	
08 14 23 19-0038	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	236.81	55.74
			<i>For >50 To 100, Deduct</i>	-14.63	
			<i>For >100, Deduct</i>	-20.55	
08 14 23 19-0039	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	245.35	58.28
			<i>For >50 To 100, Deduct</i>	-15.18	
			<i>For >100, Deduct</i>	-21.32	
08 14 23 19-0040	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	252.34	58.28
			<i>For >50 To 100, Deduct</i>	-15.53	
			<i>For >100, Deduct</i>	-21.84	
08 14 23 19-0041	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	255.82	58.28
			<i>For >50 To 100, Deduct</i>	-15.70	
			<i>For >100, Deduct</i>	-22.10	
08 14 23 19-0042	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	264.34	60.81
			<i>For >50 To 100, Deduct</i>	-16.26	
			<i>For >100, Deduct</i>	-22.87	
08 14 23 19-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	272.30	60.81
			<i>For >50 To 100, Deduct</i>	-16.66	
			<i>For >100, Deduct</i>	-23.46	
08 14 23 19-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	303.27	63.34
			<i>For >50 To 100, Deduct</i>	-18.33	
			<i>For >100, Deduct</i>	-25.91	
08 14 23 19-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	312.09	63.34
			<i>For >50 To 100, Deduct</i>	-18.77	
			<i>For >100, Deduct</i>	-26.57	
08 14 23 19-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	329.75	63.34
			<i>For >50 To 100, Deduct</i>	-19.65	
			<i>For >100, Deduct</i>	-27.90	
08 14 23 19-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	261.24	55.74
			<i>For >50 To 100, Deduct</i>	-15.85	
			<i>For >100, Deduct</i>	-22.38	
08 14 23 19-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	261.24	55.74
			<i>For >50 To 100, Deduct</i>	-15.85	
			<i>For >100, Deduct</i>	-22.38	
08 14 23 19-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	270.48	58.28
			<i>For >50 To 100, Deduct</i>	-16.44	
			<i>For >100, Deduct</i>	-23.20	
08 14 23 19-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.82	58.28
			<i>For >50 To 100, Deduct</i>	-16.85	
			<i>For >100, Deduct</i>	-23.83	
08 14 23 19-0051	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	282.97	58.28
			<i>For >50 To 100, Deduct</i>	-17.06	
			<i>For >100, Deduct</i>	-24.14	
08 14 23 19-0052	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	292.18	60.81
			<i>For >50 To 100, Deduct</i>	-17.65	
			<i>For >100, Deduct</i>	-24.95	
08 14 23 19-0053	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	301.68	60.81
			<i>For >50 To 100, Deduct</i>	-18.12	
			<i>For >100, Deduct</i>	-25.67	
08 14 23 19-0054	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	337.71	63.34
			<i>For >50 To 100, Deduct</i>	-20.05	
			<i>For >100, Deduct</i>	-28.50	
08 14 23 19-0055	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	348.25	63.34
			<i>For >50 To 100, Deduct</i>	-20.58	
			<i>For >100, Deduct</i>	-29.29	
08 14 23 19-0056	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	369.36	63.34
			<i>For >50 To 100, Deduct</i>	-21.64	
			<i>For >100, Deduct</i>	-30.87	
08 14 23 19-0057			1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors <small>(08 14 23 19)</small>		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0058	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.02	55.74
			<i>For >50 To 100, Deduct</i>	-14.99	
			<i>For >100, Deduct</i>	-21.09	
08 14 23 19-0059	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.02	55.74
			<i>For >50 To 100, Deduct</i>	-14.99	
			<i>For >100, Deduct</i>	-21.09	
08 14 23 19-0060	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	256.79	58.28
			<i>For >50 To 100, Deduct</i>	-15.75	
			<i>For >100, Deduct</i>	-22.17	
08 14 23 19-0061	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.47	58.28
			<i>For >50 To 100, Deduct</i>	-16.14	
			<i>For >100, Deduct</i>	-22.75	
08 14 23 19-0062	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.88	58.28
			<i>For >50 To 100, Deduct</i>	-16.21	
			<i>For >100, Deduct</i>	-22.85	
08 14 23 19-0063	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	272.38	60.81
			<i>For >50 To 100, Deduct</i>	-16.66	
			<i>For >100, Deduct</i>	-23.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 19-0064	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	289.01 -17.49 -24.72	60.81
08 14 23 19-0065	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	324.40 -19.39 -27.50	63.34
08 14 23 19-0066	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	251.75 -15.37 -21.67	55.74
08 14 23 19-0067	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	251.75 -15.37 -21.67	55.74
08 14 23 19-0068	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	264.95 -16.16 -22.79	58.28
08 14 23 19-0069	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.07 -16.57 -23.39	58.28
08 14 23 19-0070	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	274.58 -16.64 -23.51	58.28
08 14 23 19-0071	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	281.15 -17.10 -24.13	60.81
08 14 23 19-0072	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	298.76 -17.98 -25.45	60.81
08 14 23 19-0073	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	335.91 -19.96 -28.36	63.34
08 14 23 19-0074	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	279.10 -16.74 -23.72	55.74
08 14 23 19-0075	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	279.10 -16.74 -23.72	55.74
08 14 23 19-0076	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.89 -17.61 -24.96	58.28
08 14 23 19-0077	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	303.59 -18.09 -25.68	58.28
08 14 23 19-0078	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	305.38 -18.18 -25.82	58.28
08 14 23 19-0079	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	312.27 -18.65 -26.46	60.81
08 14 23 19-0080	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	333.30 -19.71 -28.04	60.81
08 14 23 19-0081	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	376.73 -22.00 -31.42	63.34

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	278.03 19.99 89.94 124.91 199.86 -16.69 -23.64	55.74
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08 Openings

08 10 Doors And Frames

08 14 Wood Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0084	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	278.03 19.99 89.94 124.91 199.86 -16.69 -23.64	55.74
08 14 23 19-0085	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	292.74 21.14 95.14 132.14 211.43 -17.55 -24.87	58.28
08 14 23 19-0086	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	302.36 22.30 100.34 139.36 222.97 -18.03 -25.59	58.28
08 14 23 19-0087	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	304.15 22.51 101.30 140.70 225.12 -18.12 -25.73	58.28
08 14 23 19-0088	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	311.04 22.73 102.29 142.07 227.30 -18.59 -26.37	60.81
08 14 23 19-0089	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	331.92 25.24 113.56 157.73 252.36 -19.64 -27.93	60.81
08 14 23 19-0090	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	375.11 29.81 134.15 186.32 298.10 -21.92 -31.30	63.34
08 14 23 19-0091	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	387.55 31.30 140.86 195.65 313.03 -22.54 -32.23	63.34
08 14 23 19-0092	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	412.37 34.28 154.27 214.26 342.82 -23.79 -34.10	63.34
08 14 23 19-0093	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	287.72 21.15 95.17 132.18 211.49 -17.17 -24.37	55.74
08 14 23 19-0094	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	287.72 21.15 95.17 132.18 211.49 -17.17 -24.37	55.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 19-0095	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	303.00	58.28
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.37	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	100.68	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.84	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	223.74	
			<i>For >50 To 100, Deduct</i>	-18.06	
			<i>For >100, Deduct</i>	-25.64	
08 14 23 19-0096	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	313.19	58.28
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.60	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	106.19	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	147.48	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	235.97	
			<i>For >50 To 100, Deduct</i>	-18.57	
			<i>For >100, Deduct</i>	-26.40	
08 14 23 19-0097	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	315.08	58.28
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.82	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	107.21	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.90	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	238.24	
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100, Deduct</i>	-26.54	
08 14 23 19-0098	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	322.07	60.81
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.05	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	108.24	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	150.34	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	240.54	
			<i>For >50 To 100, Deduct</i>	-19.14	
			<i>For >100, Deduct</i>	-27.20	
08 14 23 19-0099	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	344.15	60.81
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.70	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	120.17	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	166.90	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	267.04	
			<i>For >50 To 100, Deduct</i>	-20.25	
			<i>For >100, Deduct</i>	-28.85	
08 14 23 19-0100	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	389.57	63.34
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.55	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	141.96	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.16	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	315.46	
			<i>For >50 To 100, Deduct</i>	-22.65	
			<i>For >100, Deduct</i>	-32.39	
08 14 23 19-0101	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	402.72	63.34
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.12	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	149.06	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	207.02	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	331.24	
			<i>For >50 To 100, Deduct</i>	-23.30	
			<i>For >100, Deduct</i>	-33.37	
08 14 23 19-0102	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	429.00	63.34
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.28	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	163.25	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	226.73	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	362.77	
			<i>For >50 To 100, Deduct</i>	-24.62	
			<i>For >100, Deduct</i>	-35.34	
08 14 23 19-0103	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	322.09	55.74
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.27	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	113.73	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	157.96	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	252.73	
			<i>For >50 To 100, Deduct</i>	-18.89	
			<i>For >100, Deduct</i>	-26.94	
08 14 23 19-0104	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	322.09	55.74
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.27	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	113.73	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	157.96	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	252.73	
			<i>For >50 To 100, Deduct</i>	-18.89	
			<i>For >100, Deduct</i>	-26.94	
08 14 23 19-0105	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	339.36	58.28
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.74	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	120.32	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.11	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	267.37	
			<i>For >50 To 100, Deduct</i>	-19.88	
			<i>For >100, Deduct</i>	-28.37	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	351.54	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.20	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.89	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.24	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	281.99	
		<i>For >50 To 100, Deduct</i>	-20.49	
		<i>For >100, Deduct</i>	-29.28	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	353.79	58.28
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.47	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	128.11	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	177.93	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	284.69	
		<i>For >50 To 100, Deduct</i>	-20.60	
		<i>For >100, Deduct</i>	-29.45	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	361.17	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.75	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	129.36	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	179.66	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	287.46	
		<i>For >50 To 100, Deduct</i>	-21.10	
		<i>For >100, Deduct</i>	-30.13	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	387.55	60.81
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.91	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	143.60	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.45	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	319.12	
		<i>For >50 To 100, Deduct</i>	-22.42	
		<i>For >100, Deduct</i>	-32.11	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	440.82	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.70	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	169.63	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	235.60	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	376.96	
		<i>For >50 To 100, Deduct</i>	-25.21	
		<i>For >100, Deduct</i>	-36.23	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	456.56	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	39.58	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	178.13	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	247.40	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	395.84	
		<i>For >50 To 100, Deduct</i>	-26.00	
		<i>For >100, Deduct</i>	-37.41	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	487.95	63.34
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.35	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.08	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	270.95	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	433.51	
		<i>For >50 To 100, Deduct</i>	-27.56	
		<i>For >100, Deduct</i>	-39.76	

08 14 66 Wood Screen Doors (08 14)

08 14 66 00-0001		Wood Screen Storm Door, Residential Grade (08 14 66) Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	455.49	145.94
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	478.01	162.15
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	455.49	145.94
08 14 66 00-0005	EA	3' x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	478.01	162.15

08 14 73 Sliding Wood Doors (08 14)

08 14 73 00-0001		Sliding Pocket Door (08 14 73) Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002		Birch Faced Pocket Door (08 14 73 00-0001) Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003		1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002) See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0004		6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	493.12	35.47
		<i>For Oak, Add</i>	116.52	
		<i>For Ash/Hickory, Add</i>	169.72	
		<i>For Walnut, Add</i>	247.40	
		<i>For Cherry, Add</i>	402.35	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	508.41	38.00
		<i>For Oak, Add</i>	119.35	
		<i>For Ash/Hickory, Add</i>	173.83	
		<i>For Walnut, Add</i>	253.40	
		<i>For Cherry, Add</i>	412.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0007	EA		2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	526.26	40.54
			For Oak, Add	122.88	
			For Ash/Hickory, Add	178.97	
			For Walnut, Add	260.89	
			For Cherry, Add	424.29	
08 14 73 00-0008	EA		2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	539.01	43.08
			For Oak, Add	125.00	
			For Ash/Hickory, Add	182.06	
			For Walnut, Add	265.39	
			For Cherry, Add	431.60	
08 14 73 00-0009	EA		2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	556.88	45.61
			For Oak, Add	128.53	
			For Ash/Hickory, Add	187.20	
			For Walnut, Add	272.89	
			For Cherry, Add	443.79	
08 14 73 00-0010	EA		3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	572.19	48.14
			For Oak, Add	131.35	
			For Ash/Hickory, Add	191.32	
			For Walnut, Add	278.89	
			For Cherry, Add	453.55	
08 14 73 00-0011	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	971.06	63.34
			For Oak, Add	233.05	
			For Ash/Hickory, Add	339.44	
			For Walnut, Add	494.80	
			For Cherry, Add	804.68	
08 14 73 00-0012	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,027.24	68.41
			For Oak, Add	245.76	
			For Ash/Hickory, Add	357.95	
			For Walnut, Add	521.79	
			For Cherry, Add	848.58	
08 14 73 00-0013	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,098.80	73.48
			For Oak, Add	262.71	
			For Ash/Hickory, Add	382.64	
			For Walnut, Add	557.78	
			For Cherry, Add	907.10	
08 14 73 00-0014			7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0015	EA		2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	582.67	35.47
			For Oak, Add	119.75	
			For Ash/Hickory, Add	119.75	
			For Walnut, Add	197.02	
			For Cherry, Add	369.99	
08 14 73 00-0016	EA		2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	610.76	38.00
			For Oak, Add	125.14	
			For Ash/Hickory, Add	125.14	
			For Walnut, Add	205.89	
			For Cherry, Add	386.64	
08 14 73 00-0017	EA		2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	631.17	40.54
			For Oak, Add	128.73	
			For Ash/Hickory, Add	128.73	
			For Walnut, Add	211.80	
			For Cherry, Add	397.74	
08 14 73 00-0018	EA		2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	649.03	43.08
			For Oak, Add	131.72	
			For Ash/Hickory, Add	131.72	
			For Walnut, Add	216.72	
			For Cherry, Add	406.98	
08 14 73 00-0019	EA		2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	664.35	45.61
			For Oak, Add	134.12	
			For Ash/Hickory, Add	134.12	
			For Walnut, Add	220.66	
			For Cherry, Add	414.39	
08 14 73 00-0020	EA		3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	684.77	48.14
			For Oak, Add	137.71	
			For Ash/Hickory, Add	137.71	
			For Walnut, Add	226.57	
			For Cherry, Add	425.49	
08 14 73 00-0021	EA		4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,150.17	63.34
			For Oak, Add	239.49	
			For Ash/Hickory, Add	239.49	
			For Walnut, Add	394.04	
			For Cherry, Add	739.98	
08 14 73 00-0022	EA		5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,237.05	68.41
			For Oak, Add	257.46	
			For Ash/Hickory, Add	257.46	
			For Walnut, Add	423.59	
			For Cherry, Add	795.47	
08 14 73 00-0023	EA		6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,323.96	73.48
			For Oak, Add	275.42	
			For Ash/Hickory, Add	275.42	
			For Walnut, Add	453.15	
			For Cherry, Add	850.97	
08 14 73 00-0024			1-3/4" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002)		
			See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0025			6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)		

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 73 00-0026	EA 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	736.19	35.47
	For Oak, Add	155.67	
	For Ash/Hickory, Add	155.67	
	For Walnut, Add	256.13	
	For Cherry, Add	480.98	
08 14 73 00-0027	EA 2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	771.96	38.00
	For Oak, Add	162.86	
	For Ash/Hickory, Add	162.86	
	For Walnut, Add	267.95	
	For Cherry, Add	503.19	
08 14 73 00-0028	EA 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	792.37	40.54
	For Oak, Add	166.45	
	For Ash/Hickory, Add	166.45	
	For Walnut, Add	273.86	
	For Cherry, Add	514.28	
08 14 73 00-0029	EA 2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	815.35	43.08
	For Oak, Add	170.64	
	For Ash/Hickory, Add	170.64	
	For Walnut, Add	280.75	
	For Cherry, Add	527.23	
08 14 73 00-0030	EA 2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	835.78	45.61
	For Oak, Add	174.23	
	For Ash/Hickory, Add	174.23	
	For Walnut, Add	286.66	
	For Cherry, Add	538.33	
08 14 73 00-0031	EA 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	856.20	48.14
	For Oak, Add	177.82	
	For Ash/Hickory, Add	177.82	
	For Walnut, Add	292.57	
	For Cherry, Add	549.43	
08 14 73 00-0032	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,457.21	63.34
	For Oak, Add	311.34	
	For Ash/Hickory, Add	311.34	
	For Walnut, Add	512.25	
	For Cherry, Add	961.97	
08 14 73 00-0033	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,559.45	68.41
	For Oak, Add	332.90	
	For Ash/Hickory, Add	332.90	
	For Walnut, Add	547.72	
	For Cherry, Add	1,028.57	
08 14 73 00-0034	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,666.83	73.48
	For Oak, Add	355.65	
	For Ash/Hickory, Add	355.65	
	For Walnut, Add	585.15	
	For Cherry, Add	1,098.87	
08 14 73 00-0035	7' High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0036	EA 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	787.37	35.47
	For Oak, Add	167.65	
	For Ash/Hickory, Add	167.65	
	For Walnut, Add	275.83	
	For Cherry, Add	517.99	
08 14 73 00-0037	EA 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	828.25	38.00
	For Oak, Add	176.03	
	For Ash/Hickory, Add	176.03	
	For Walnut, Add	289.62	
	For Cherry, Add	543.88	
08 14 73 00-0038	EA 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	851.22	40.54
	For Oak, Add	180.22	
	For Ash/Hickory, Add	180.22	
	For Walnut, Add	296.52	
	For Cherry, Add	556.83	
08 14 73 00-0039	EA 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	874.20	43.08
	For Oak, Add	184.41	
	For Ash/Hickory, Add	184.41	
	For Walnut, Add	303.41	
	For Cherry, Add	569.78	
08 14 73 00-0040	EA 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	894.63	45.61
	For Oak, Add	188.00	
	For Ash/Hickory, Add	188.00	
	For Walnut, Add	309.32	
	For Cherry, Add	580.88	
08 14 73 00-0041	EA 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	917.61	48.14
	For Oak, Add	192.19	
	For Ash/Hickory, Add	192.19	
	For Walnut, Add	316.22	
	For Cherry, Add	593.83	
08 14 73 00-0042	EA 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,559.56	63.34
	For Oak, Add	335.29	
	For Ash/Hickory, Add	335.29	
	For Walnut, Add	551.65	
	For Cherry, Add	1,035.97	
08 14 73 00-0043	EA 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,677.15	68.41
	For Oak, Add	360.44	
	For Ash/Hickory, Add	360.44	
	For Walnut, Add	593.03	
	For Cherry, Add	1,113.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,789.65	73.48	
		For Oak, Add	384.39		
		For Ash/Hickory, Add	384.39		
		For Walnut, Add	632.44		
		For Cherry, Add	1,187.66		
08 14 73 00-0045		8' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)			
08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	838.54	35.47	
		For Oak, Add	179.62		
		For Ash/Hickory, Add	179.62		
		For Walnut, Add	295.53		
		For Cherry, Add	554.98		
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	879.42	38.00	
		For Oak, Add	188.00		
		For Ash/Hickory, Add	188.00		
		For Walnut, Add	309.32		
		For Cherry, Add	580.88		
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	904.95	40.54	
		For Oak, Add	192.79		
		For Ash/Hickory, Add	192.79		
		For Walnut, Add	317.20		
		For Cherry, Add	595.68		
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	930.49	43.08	
		For Oak, Add	197.58		
		For Ash/Hickory, Add	197.58		
		For Walnut, Add	325.08		
		For Cherry, Add	610.48		
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	950.92	45.61	
		For Oak, Add	201.17		
		For Ash/Hickory, Add	201.17		
		For Walnut, Add	330.99		
		For Cherry, Add	621.58		
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	976.46	48.14	
		For Oak, Add	205.96		
		For Ash/Hickory, Add	205.96		
		For Walnut, Add	338.87		
		For Cherry, Add	636.38		
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,661.91	63.34	
		For Oak, Add	359.24		
		For Ash/Hickory, Add	359.24		
		For Walnut, Add	591.06		
		For Cherry, Add	1,109.96		
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,784.61	68.41	
		For Oak, Add	385.59		
		For Ash/Hickory, Add	385.59		
		For Walnut, Add	634.40		
		For Cherry, Add	1,191.36		
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,907.35	73.48	
		For Oak, Add	411.93		
		For Ash/Hickory, Add	411.93		
		For Walnut, Add	677.75		
		For Cherry, Add	1,272.76		
08 14 73 00-0055		Accessories (08 14 73 00-0001)			
08 14 73 00-0056		Jamb Replacement (08 14 73 00-0055)			
08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	121.13		
		For Oak, Add	7.96		
		For Ash/Hickory, Add	12.47		
		For Walnut, Add	27.26		
		For Cherry, Add	43.19		
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors.....	123.40		
		For Oak, Add	8.22		
		For Ash/Hickory, Add	12.87		
		For Walnut, Add	28.14		
		For Cherry, Add	44.58		
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	138.18		
		For Oak, Add	9.89		
		For Ash/Hickory, Add	15.49		
		For Walnut, Add	33.86		
		For Cherry, Add	53.64		
08 14 73 00-0060		Track And Hardware Replacement Kits (08 14 73 00-0055)			
		Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.			
08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	295.46		
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	298.20		
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	303.69		
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	355.81		
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door.....	358.55		
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door.....	364.04		
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	383.24		
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door.....	385.98		
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door.....	391.47		
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	42.63		

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 73 00-0071		Bi-Pass Doors (08 14 73) Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	315.22	81.05
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	344.50	86.12
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	374.08	91.18
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	495.72	96.25
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	297.49	81.05
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	316.84	86.12
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	343.64	91.18
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	460.24	96.25
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	315.72	81.05
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	343.26	86.12
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	372.04	91.18
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	496.72	96.25
08 14 76		Bifolding Wood Doors (08 14)		
08 14 76 00-0001		Bi-Fold Wood Doors (08 14 76) Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	164.99	60.79
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	175.12	65.86
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	188.15	70.92
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	198.28	75.99
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	245.43	81.05
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	255.56	86.12
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	271.83	91.18
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	172.08	60.79
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	184.53	65.86
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	199.12	70.92
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	209.25	75.99
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	260.59	81.05
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	279.20	86.12
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	298.70	91.18
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	172.41	60.79
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	189.07	65.86
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	203.31	70.92
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	213.44	75.99
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	264.25	81.05
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	275.85	86.12
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	298.70	91.18
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	382.97	60.79
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	435.33	65.86
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	494.54	70.92
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	504.67	75.99
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	684.88	81.05
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	779.48	86.12
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	887.77	91.18
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	479.99	60.79
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	520.94	65.86
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	568.74	70.92
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	578.87	75.99
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	878.92	81.05
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	950.69	86.12
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,036.16	91.18

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 76 00-0042			Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors (08 14 76 00-0001)		
08 14 76 00-0043	EA		2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	167.49	60.79
08 14 76 00-0044	EA		2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	180.53	65.86
08 14 76 00-0045	EA		2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	196.83	70.92
08 14 76 00-0046	EA		3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	201.76	75.99
08 14 76 00-0047	EA		4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	241.32	81.05
08 14 76 00-0048	EA		5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	259.60	86.12
08 14 76 00-0049	EA		6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	287.33	91.18

08 15 Plastic Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors (08 15)

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 Composite Doors (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors (08 16)

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors (08 16 13)		
08 16 13 00-0002			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0001)		
08 16 13 00-0003			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0002)		
Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.					
08 16 13 00-0004			Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)		
Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.					
08 16 13 00-0005			6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)		
08 16 13 00-0006	EA		3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,387.30	60.81
				123.31	
				274.47	
08 16 13 00-0007	EA		3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,547.99	63.34
				123.31	
				274.47	
08 16 13 00-0008	EA		4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,792.86	68.41
				123.31	
				274.47	
08 16 13 00-0009			7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)		
08 16 13 00-0010	EA		3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,387.30	60.81
				123.31	
				274.47	
08 16 13 00-0011	EA		3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,611.29	63.34
				123.31	
				274.47	
08 16 13 00-0012	EA		4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,860.12	68.41
				123.31	
				274.47	
08 16 13 00-0013			Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)		
Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.					
08 16 13 00-0014			45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)		
08 16 13 00-0015			6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)		

08 Openings**08 10 Doors And Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0016	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0017	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,889.56	63.34
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0018	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,294.00	68.41
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0019	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>		
08 16 13 00-0020	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0021	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,095.29	63.34
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0022	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,370.49	68.41
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0023	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0024	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0025	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0026	EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,889.56	63.34
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0027	EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,294.00	68.41
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0028	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0029	EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0030	EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,095.29	63.34
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0031	EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,370.49	68.41
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0032	90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0033	6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0034	EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0035	EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,889.56	63.34
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0036	EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,294.00	68.41
	<i>For Custom Color Finish, Add</i>	123.31	
	<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0037	7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0038	EA		3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,830.41	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0039	EA		3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,095.29	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0040	EA		4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,370.49	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0041			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0043	EA		3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,523.14	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0044			7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0045	EA		3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,523.14	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0046			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) (08 16 13 00-0002)		
08 16 13 00-0047	SI		1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf).....	0.34	
08 16 13 00-0048	SI		1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf).....	0.34	
08 16 13 00-0049	SI		1/4" Wire, Factory Installed Vision Glass (Chem-Pruf).....	0.45	
08 16 13 00-0050	SI		1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf).....	0.44	
08 16 13 00-0051	SI		Factory Installed Molded Louver (Chem-Pruf).....	0.87	
08 16 13 00-0052	SI		Factory Installed Molded Louver With Insect Screen (Chem-Pruf).....	0.97	
08 16 13 00-0053	LF		Weather Strip (Chem-Pruf).....	9.23	
08 16 13 00-0054	LF		Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	11.87	
08 16 13 00-0055	LF		1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf).....	25.06	
08 16 13 00-0056	LF		Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf).....	27.69	
08 16 13 00-0057	LF		2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	54.07	
08 16 13 00-0058			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0001)		
08 16 13 00-0059			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0058) Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060			Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061			6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)		
08 16 13 00-0062	EA		3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,828.90	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0063	EA		3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,854.71	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0064	EA		4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,944.63	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0065			7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)		
08 16 13 00-0066	EA		3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,828.90	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0067	EA		3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,934.50	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0068	EA		4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	1,944.63	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	

08 Openings**08 10 Doors And Frames****08 16 Composite Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0069			Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070			45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0071			6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)		
08 16 13 00-0072	EA		3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,025.70	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0073	EA		3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,088.22	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0074	EA		4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,235.58	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0075			7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)		
08 16 13 00-0076	EA		3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,025.70	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0077	EA		3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,110.56	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0078	EA		4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,304.20	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0079			60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0080			6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)		
08 16 13 00-0081	EA		3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,025.70	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0082	EA		3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,088.22	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0083	EA		4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,235.58	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0084			7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)		
08 16 13 00-0085	EA		3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,025.70	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0086	EA		3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,110.56	63.34
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0087	EA		4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,304.20	68.41
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	
08 16 13 00-0088			90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0089			6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)		
08 16 13 00-0090	EA		3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,025.70	60.81
			<i>For Custom Color Finish, Add</i>	123.31	
			<i>For Stainless Steel Continuous Hinge, Add</i>	274.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 16 13 00-0091	EA		3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,088.22 123.31 274.47	63.34
08 16 13 00-0092	EA		4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,235.58 123.31 274.47	68.41
08 16 13 00-0093			7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small>		
08 16 13 00-0094	EA		3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,025.70 123.31 274.47	60.81
08 16 13 00-0095	EA		3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,110.56 123.31 274.47	63.34
08 16 13 00-0096	EA		4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,304.20 123.31 274.47	68.41
08 16 13 00-0097			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0099)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0097)</small>		
08 16 13 00-0099	EA		3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,068.26 123.31 274.47	60.81
08 16 13 00-0100			7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0097)</small>		
08 16 13 00-0101	EA		3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,068.26 123.31 274.47	60.81
08 16 13 00-0102			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) <small>(08 16 13 00-0098)</small>		
08 16 13 00-0103	SI		1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.75	
08 16 13 00-0104	SI		1/4" Laminated, Factory Installed Vision Glass (Skule Door).....	0.78	
08 16 13 00-0105	SI		1/4" Wire, Factory Installed Vision Glass (Skule Door).....	0.82	
08 16 13 00-0106	SI		1/2" Insulated, Factory Installed Vision Glass (Skule Door).....	1.17	
08 16 13 00-0107	SI		Factory Installed Molded Louver (Skule Door).....	0.47	
08 16 13 00-0108	SI		Factory Installed Molded Louver With Insect Screen (Skule Door).....	0.74	
08 16 13 00-0109	LF		Weather Strip (Skule Door).....	6.38	
08 16 13 00-0110	LF		Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	7.98	
08 16 13 00-0111	LF		1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door).....	25.53	
08 16 13 00-0112	LF		Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door).....	90.96	
08 16 13 00-0113	LF		2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	35.11	
08 16 13 00-0114			Galvanized Insulated Poly Core Composite Doors <small>(08 16 13)</small>		
08 16 13 00-0115	EA		3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	818.97	60.81
08 17			Integrated Door Opening Assemblies <small>(08 10)</small>		
08 17 23			Integrated Metal Door Opening Assemblies <small>(08 17)</small>		
08 17 23 00-0001			Pre-Hung Interior Door Units <small>(08 17 23)</small> Note: All pre-hung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.		
08 17 23 00-0002			Hollow Core Doors, 1-3/8" Thick <small>(08 17 23 00-0001)</small>		
08 17 23 00-0003			Birch Faced <small>(08 17 23 00-0002)</small>		
08 17 23 00-0004	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	365.67 57.36	63.34
08 17 23 00-0005	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	380.35 60.88	63.34
08 17 23 00-0006	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	400.12 64.41	65.88
08 17 23 00-0007	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	409.55 65.46	68.41
08 17 23 00-0008	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	436.19 71.85	68.41
08 17 23 00-0009	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	460.43 76.45	70.94

08 Openings**08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0010	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	685.71 114.71	103.88
08 17 23 00-0011	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	730.31 121.77	111.48
08 17 23 00-0012	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	783.63 130.91	119.09
08 17 23 00-0013			Lauan Faced <small>(08 17 23 00-0002)</small>		
08 17 23 00-0014	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	334.41 49.85	63.34
08 17 23 00-0015	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	348.50 53.23	63.34
08 17 23 00-0016	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	365.43 56.08	65.88
08 17 23 00-0017	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	378.89 58.10	68.41
08 17 23 00-0018	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	402.04 63.65	68.41
08 17 23 00-0019	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	424.06 67.72	70.94
08 17 23 00-0020	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	623.21 99.71	103.88
08 17 23 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	666.52 106.46	111.48
08 17 23 00-0022	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	722.37 116.21	119.09
08 17 23 00-0023			Tempered Hardboard Faced <small>(08 17 23 00-0002)</small>		
08 17 23 00-0024	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	289.52 39.08	63.34
08 17 23 00-0025	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	301.40 41.93	63.34
08 17 23 00-0026	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	312.10 43.28	65.88
08 17 23 00-0027	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	328.43 45.99	68.41
08 17 23 00-0028	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	349.49 51.04	68.41
08 17 23 00-0029	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	368.19 54.31	70.94
08 17 23 00-0030	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	533.43 78.16	103.88
08 17 23 00-0031	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	572.36 83.86	111.48
08 17 23 00-0032	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	621.38 91.98	119.09
08 17 23 00-0033			Solid Core Doors, 1-3/8" Thick <small>(08 17 23 00-0001)</small>		
08 17 23 00-0034			Birch Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0035	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	478.59 84.46	63.34
08 17 23 00-0036	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	497.10 88.90	63.34
08 17 23 00-0037	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	520.62 93.33	65.88
08 17 23 00-0038	EA		3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	548.21 98.74	68.41
08 17 23 00-0039	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	593.39 109.58	68.41
08 17 23 00-0040	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	638.37 119.16	70.94
08 17 23 00-0041	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	911.56 168.91	103.88
08 17 23 00-0042	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	963.76 177.79	111.48
08 17 23 00-0043	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,060.96 197.47	119.09
08 17 23 00-0044			Lauan Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0045	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	431.36 73.12	63.34
08 17 23 00-0046	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	448.11 77.14	63.34
08 17 23 00-0047	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	469.90 81.16	65.88
08 17 23 00-0048	EA		3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	491.86 85.21	68.41
08 17 23 00-0049	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	530.91 94.58	68.41
08 17 23 00-0050	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	561.21 100.64	70.94
08 17 23 00-0051	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	817.08 146.24	103.88

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0052	EA	Pair	2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	865.81 154.29	111.48
08 17 23 00-0053	EA	Pair	3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	948.25 170.42	119.09
08 17 23 00-0054 Tempered Hardboard Faced (08 17 23 00-0033)					
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	389.29 63.02	63.34	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	404.49 66.67	63.34	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	424.81 70.33	65.88	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	435.51 71.69	68.41	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	468.45 79.59	68.41	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	494.77 84.69	70.94	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	732.95 126.05	103.88	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	778.55 133.34	111.48	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	835.54 143.37	119.09	
08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001)					
08 17 23 00-0065 Birch Faced (08 17 23 00-0064)					
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	425.38 71.69	63.34	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	436.66 74.39	63.34	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	445.89 75.39	65.88	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	469.32 79.80	68.41	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	518.10 91.51	68.41	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	580.16 105.18	70.94	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	805.18 143.38	103.88	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	842.88 148.78	111.48	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	903.21 159.61	119.09	
08 17 23 00-0075 Luan Faced (08 17 23 00-0064)					
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	390.56 63.33	63.34	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	408.75 67.69	63.34	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	428.57 71.24	65.88	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	439.47 72.64	68.41	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	472.74 80.62	68.41	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	499.31 85.78	70.94	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	735.52 126.66	103.88	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	787.07 135.39	111.48	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	843.49 145.28	119.09	
08 17 23 00-0085 Tempered Hardboard Faced (08 17 23 00-0064)					
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	329.56 48.69	63.34	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	335.22 50.05	63.34	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	351.55 52.75	65.88	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	367.89 55.46	68.41	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	380.76 58.55	68.41	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	401.46 62.30	70.94	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	613.49 97.38	103.88	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	640.01 100.09	111.48	

08 Openings**08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0094	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	700.34 110.92	119.09
08 17 23 00-0095			Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0096			Birch Faced (08 17 23 00-0095)		
08 17 23 00-0097	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	532.47 97.39	63.34
08 17 23 00-0098	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	549.37 101.44	63.34
08 17 23 00-0099	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	560.08 102.80	65.88
08 17 23 00-0100	EA		3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	582.04 106.86	68.41
08 17 23 00-0101	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	631.01 118.61	68.41
08 17 23 00-0102	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	685.54 130.48	70.94
08 17 23 00-0103	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,019.32 194.78	103.88
08 17 23 00-0104	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,068.30 202.88	111.48
08 17 23 00-0105	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,128.62 213.71	119.09
08 17 23 00-0106			Lauan Faced (08 17 23 00-0095)		
08 17 23 00-0107	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	541.39 99.53	63.34
08 17 23 00-0108	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	542.59 99.82	63.34
08 17 23 00-0109	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	559.60 102.68	65.88
08 17 23 00-0110	EA		3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	573.31 104.76	68.41
08 17 23 00-0111	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	612.76 114.23	68.41
08 17 23 00-0112	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	648.29 121.54	70.94
08 17 23 00-0113	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,037.18 199.06	103.88
08 17 23 00-0114	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,054.76 199.63	111.48
08 17 23 00-0115	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,111.17 209.52	119.09
08 17 23 00-0116			Tempered Hardboard Faced (08 17 23 00-0095)		
08 17 23 00-0117	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	447.93 77.10	63.34
08 17 23 00-0118	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	453.55 78.45	63.34
08 17 23 00-0119	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	464.26 79.80	65.88
08 17 23 00-0120	EA		3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	480.61 82.51	68.41
08 17 23 00-0121	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	505.83 88.56	68.41
08 17 23 00-0122	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	534.52 94.23	70.94
08 17 23 00-0123	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	850.22 154.19	103.88
08 17 23 00-0124	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	876.68 156.90	111.48
08 17 23 00-0125	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	925.74 165.02	119.09
08 17 23 00-0126			Oak Or Maple Faced (08 17 23 00-0095)		
08 17 23 00-0127	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	636.90 122.45	63.34
08 17 23 00-0128	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	640.02 123.20	63.34
08 17 23 00-0129	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	671.45 129.53	65.88
08 17 23 00-0130	EA		3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	683.41 131.18	68.41
08 17 23 00-0131	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	742.66 145.40	68.41
08 17 23 00-0132	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	817.94 162.25	70.94
08 17 23 00-0133	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,228.20 244.91	103.88
08 17 23 00-0134	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,249.65 246.40	111.48
08 17 23 00-0135	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For 8' Door Height, Add</i>	1,331.36 262.37	119.09

	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 17 23 00-0136	Walnut Faced <small>(08 17 23 00-0095)</small>			
08 17 23 00-0137	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		796.25 160.69	63.34
08 17 23 00-0138	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		824.09 167.38	63.34
08 17 23 00-0139	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		838.48 169.62	65.88
08 17 23 00-0140	EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		871.42 176.31	68.41
08 17 23 00-0141	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		952.24 195.70	68.41
08 17 23 00-0142	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		1,038.93 215.29	70.94
08 17 23 00-0143	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		1,546.89 321.39	103.88
08 17 23 00-0144	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		1,617.75 334.75	111.48
08 17 23 00-0145	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For 8' Door Height, Add</i>		1,707.40 352.62	119.09

08 30 Specialty Doors And Frames (08)

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors And Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors And Frames (08 31)

08 31 13 00-0001 Stainless Steel Access Doors (08 31 13)

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0003	EA 12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	364.21	52.61
08 31 13 00-0004	EA 12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	423.15	56.05
08 31 13 00-0005	EA 18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	493.26	59.28
08 31 13 00-0006	EA 24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	568.54	62.29
08 31 13 00-0007	EA 24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	581.46	62.61
08 31 13 00-0008	EA 24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	751.92	64.55

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA 8" x 8" Stainless Steel Access Door With Cam Latch	150.14	40.35
08 31 13 00-0011	EA 12" x 12" Stainless Steel Access Door With Cam Latch	178.48	52.61
08 31 13 00-0012	EA 12" x 18" Stainless Steel Access Door With Cam Latch	251.17	56.05
08 31 13 00-0013	EA 18" x 18" Stainless Steel Access Door With Cam Latch	269.47	59.28
08 31 13 00-0014	EA 24" x 18" Stainless Steel Access Door With Cam Latch	311.81	62.29
08 31 13 00-0015	EA 24" x 24" Stainless Steel Access Door With Cam Latch	354.04	62.61

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA 12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	245.19	52.93
08 31 13 00-0019	EA 12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	303.11	56.05
08 31 13 00-0020	EA 18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	303.08	59.28
08 31 13 00-0021	EA 24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	359.58	62.61
08 31 13 00-0022	EA 24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	375.72	62.61
08 31 13 00-0023	EA 24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	494.98	64.55
08 31 13 00-0024	EA 24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	570.31	67.24
08 31 13 00-0025	EA 36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	703.92	67.24
08 31 13 00-0026	EA 48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	902.96	80.69

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA 8" x 8" Steel Access Door With Cam Latch	126.77	40.56
08 31 13 00-0029	EA 12" x 12" Steel Access Door With Cam Latch	135.77	52.93
08 31 13 00-0030	EA 12" x 18" Steel Access Door With Cam Latch	156.04	56.05
08 31 13 00-0031	EA 18" x 18" Steel Access Door With Cam Latch	160.50	59.28
08 31 13 00-0032	EA 24" x 18" Steel Access Door With Cam Latch	190.10	62.61
08 31 13 00-0033	EA 24" x 24" Steel Access Door With Cam Latch	194.55	62.61
08 31 13 00-0034	EA 24" x 36" Steel Access Door With Cam Latch	251.95	64.55
08 31 13 00-0035	EA 36" x 36" Steel Access Door With Cam Latch	331.63	67.24

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA 8" x 8" Recessed Steel Access Door With Cam Latch <i>For Recessed Doors In Acoustical Tile, Add</i>	180.23 17.35	40.35
08 31 13 00-0038	EA 12" x 12" Recessed Steel Access Door With Cam Latch <i>For Recessed Doors In Acoustical Tile, Add</i>	188.68 19.25	43.25
08 31 13 00-0039	EA 12" x 18" Recessed Steel Access Door With Cam Latch <i>For Recessed Doors In Acoustical Tile, Add</i>	202.74 19.90	45.72

08 Openings**08 30 Specialty Doors And Frames****08 31 Access Doors And Panels**
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08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch.....	237.62	48.41
		<i>For Recessed Doors In Acoustical Tile, Add</i>	17.61	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch.....	250.01	51.10
		<i>For Recessed Doors In Acoustical Tile, Add</i>	18.72	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch.....	273.49	51.10
		<i>For Recessed Doors In Acoustical Tile, Add</i>	15.20	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch.....	340.73	64.55
		<i>For Recessed Doors In Acoustical Tile, Add</i>	19.90	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch.....	485.53	67.24
		<i>For Recessed Doors In Acoustical Tile, Add</i>	1.13	

08 31 13 00-0045 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch.....	207.51	68.10
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch.....	291.13	82.52
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch.....	326.19	89.62

08 32 Sliding Glass Doors (08 30)

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors (08 32)**08 32 13 00-0001 Residential Sliding Aluminum-Framed Glass Doors (08 32 13)****08 32 13 00-0002 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 32 13 00-0001)**

08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	27.59	4.56
		<i>For Custom Quality, Add</i>	3.88	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.80	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	21.88	2.83
		<i>For Custom Quality, Add</i>	3.71	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.67	

08 32 13 00-0005 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 32 13 00-0001)

08 32 13 00-0006	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	30.37	4.56
		<i>For Custom Quality, Add</i>	4.58	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	3.30	
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	24.62	2.83
		<i>For Custom Quality, Add</i>	4.40	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	3.16	

08 32 19 Sliding Wood-Framed Glass Doors (08 32)**08 32 19 00-0001 Residential Wood Sliding Doors With 5/8" Glass (08 32 19)**

08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,907.70	136.82
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,328.90	167.22
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,691.12	192.55
08 32 19 00-0005	EA	6' x 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,097.83	136.82
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,574.47	167.22
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,995.03	192.55

08 33 Coiling Doors And Grilles (08 30)**08 33 13 Coiling Counter Doors (08 33)****08 33 13 00-0001 Overhead Rolling Counter Doors (08 33 13)****08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors (08 33 13 00-0001)**

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	4,641.44	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	4,866.24	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,250.45	396.20
		<i>For Motor Operator (With Safety Reverse), Add</i>	747.93	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,655.50	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	765.95	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,653.04	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,925.22	414.29
		<i>For Motor Operator (With Safety Reverse), Add</i>	753.58	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,079.05	430.88
		<i>For Motor Operator (With Safety Reverse), Add</i>	757.73	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,448.11	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.53	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 13 00-0011	Stainless Steel Overhead Rolling Counter Doors <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0012	EA 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 5,203.44 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0013	EA 6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 5,821.64 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0014	EA 8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 5,981.05 <i>For Motor Operator (With Safety Reverse), Add</i> 747.93		396.20
08 33 13 00-0015	EA 10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 7,285.30 <i>For Motor Operator (With Safety Reverse), Add</i> 765.95		466.12
08 33 13 00-0016	EA 4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 6,215.04 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0017	EA 6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 6,431.02 <i>For Motor Operator (With Safety Reverse), Add</i> 753.58		414.29
08 33 13 00-0018	EA 8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 6,584.85 <i>For Motor Operator (With Safety Reverse), Add</i> 757.73		430.88
08 33 13 00-0019	EA 10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) 8,358.91 <i>For Motor Operator (With Safety Reverse), Add</i> 766.53		466.12
08 33 13 00-0020	Aluminum Overhead Rolling Counter Doors <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0021	EA 4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 5,091.04 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0022	EA 6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 5,315.84 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0023	EA 8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 5,924.85 <i>For Motor Operator (With Safety Reverse), Add</i> 747.93		396.20
08 33 13 00-0024	EA 10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 7,004.30 <i>For Motor Operator (With Safety Reverse), Add</i> 765.95		466.12
08 33 13 00-0025	EA 4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 6,102.64 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0026	EA 6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 6,374.82 <i>For Motor Operator (With Safety Reverse), Add</i> 753.58		414.29
08 33 13 00-0027	EA 8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 6,556.75 <i>For Motor Operator (With Safety Reverse), Add</i> 757.73		430.88
08 33 13 00-0028	EA 10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) 8,246.51 <i>For Motor Operator (With Safety Reverse), Add</i> 766.53		466.12
08 33 13 00-0029	Galvanized Steel Overhead Rolling Counter Fire Doors <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA 4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 5,990.24 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0031	EA 6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 6,327.44 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0032	EA 8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 6,824.05 <i>For Motor Operator (With Safety Reverse), Add</i> 747.93		396.20
08 33 13 00-0033	EA 10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 7,341.50 <i>For Motor Operator (With Safety Reverse), Add</i> 765.95		466.12
08 33 13 00-0034	EA 4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 6,664.64 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0035	EA 6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 6,993.02 <i>For Motor Operator (With Safety Reverse), Add</i> 753.58		414.29
08 33 13 00-0036	EA 8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 7,259.25 <i>For Motor Operator (With Safety Reverse), Add</i> 757.73		430.88
08 33 13 00-0037	EA 10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) 7,459.71 <i>For Motor Operator (With Safety Reverse), Add</i> 766.53		466.12
08 33 13 00-0038	Stainless Steel Overhead Rolling Counter Fire Doors <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA 4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 6,777.04 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0040	EA 6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 7,676.24 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0041	EA 8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 7,835.65 <i>For Motor Operator (With Safety Reverse), Add</i> 747.93		396.20
08 33 13 00-0042	EA 10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 9,589.50 <i>For Motor Operator (With Safety Reverse), Add</i> 765.95		466.12
08 33 13 00-0043	EA 4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 7,339.04 <i>For Motor Operator (With Safety Reverse), Add</i> 743.22		372.90
08 33 13 00-0044	EA 6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) 7,611.22 <i>For Motor Operator (With Safety Reverse), Add</i> 753.58		414.29

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	7,877.45	430.88
		<i>For Motor Operator (With Safety Reverse), Add</i>	757.73	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	9,707.71	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.53	
08 33 13 00-0047		Integral Frame And Sill, Overhead Rolling Counter Doors <small>(08 33 13)</small>		
08 33 13 00-0048		Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill <small>(08 33 13 00-0047)</small>		
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	9,699.44	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	9,924.24	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,196.05	396.20
		<i>For Motor Operator (With Safety Reverse), Add</i>	747.93	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,601.10	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	765.95	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,036.64	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,365.02	414.29
		<i>For Motor Operator (With Safety Reverse), Add</i>	753.58	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,631.25	430.88
		<i>For Motor Operator (With Safety Reverse), Add</i>	757.73	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	11,843.31	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.53	
08 33 13 00-0057		Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill <small>(08 33 13 00-0047)</small>		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	8,575.44	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	8,800.24	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	9,072.05	396.20
		<i>For Motor Operator (With Safety Reverse), Add</i>	747.93	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	9,477.10	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	765.95	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	9,587.04	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	9,915.42	414.29
		<i>For Motor Operator (With Safety Reverse), Add</i>	753.58	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	10,294.05	430.88
		<i>For Motor Operator (With Safety Reverse), Add</i>	757.73	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....	10,606.91	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	766.53	
08 33 13 00-0066		Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill <small>(08 33 13 00-0047)</small>		
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....	13,296.24	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....	14,420.24	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....	16,715.25	396.20
		<i>For Motor Operator (With Safety Reverse), Add</i>	747.93	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....	18,019.50	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	765.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0071 EA 4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	14,982.24 743.22	372.90
08 33 13 00-0072 EA 6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	16,209.82 753.58	414.29
08 33 13 00-0073 EA 8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	17,937.25 757.73	430.88
08 33 13 00-0074 EA 10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	20,273.31 766.53	466.12
08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0076 EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	11,273.04 743.22	372.90
08 33 13 00-0077 EA 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	11,497.84 743.22	372.90
08 33 13 00-0078 EA 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	11,994.45 747.93	396.20
08 33 13 00-0079 EA 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	12,961.50 765.95	466.12
08 33 13 00-0080 EA 4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	11,947.44 743.22	372.90
08 33 13 00-0081 EA 6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	12,725.42 753.58	414.29
08 33 13 00-0082 EA 8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	13,441.25 757.73	430.88
08 33 13 00-0083 EA 10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	15,777.31 766.53	466.12
08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0085 EA 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	16,106.24 743.22	372.90
08 33 13 00-0086 EA 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	16,668.24 743.22	372.90
08 33 13 00-0087 EA 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) <i>For Motor Operator (With Safety Reverse), Add</i>	18,963.25 747.93	396.20
08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0089 EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) <i>For Motor Operator (With Safety Reverse), Add</i>	12,172.24 743.22	372.90
08 33 13 00-0090 EA 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) <i>For Motor Operator (With Safety Reverse), Add</i>	16,668.24 743.22	372.90
08 33 13 00-0091 EA 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) <i>For Motor Operator (With Safety Reverse), Add</i>	18,963.25 747.93	396.20
08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093 EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) <i>For Motor Operator (With Safety Reverse), Add</i>	10,598.64 743.22	372.90

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	11,947.44	372.90
		<i>For Motor Operator (With Safety Reverse), Add</i>	743.22	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	12,781.25	396.20
		<i>For Motor Operator (With Safety Reverse), Add</i>	747.93	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	14,085.50	466.12
		<i>For Motor Operator (With Safety Reverse), Add</i>	765.95	

08 33 16 Coiling Counter Grilles (08 33)**08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) (08 33 16)**

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	1,784.67	163.14
		<i>For Lexan Lattice Pattern, Add</i>	197.78	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	93.17	
		<i>For Staggered Brick Pattern, Add</i>	165.88	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	1,953.30	163.14
		<i>For Lexan Lattice Pattern, Add</i>	223.08	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	128.22	
		<i>For Staggered Brick Pattern, Add</i>	225.03	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,278.87	217.49
		<i>For Lexan Lattice Pattern, Add</i>	248.61	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	163.28	
		<i>For Staggered Brick Pattern, Add</i>	284.19	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,684.69	217.49
		<i>For Lexan Lattice Pattern, Add</i>	309.48	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	233.36	
		<i>For Staggered Brick Pattern, Add</i>	402.50	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	3,660.26	326.29
		<i>For Lexan Lattice Pattern, Add</i>	409.20	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	349.60	
		<i>For Staggered Brick Pattern, Add</i>	530.74	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,147.43	372.90
		<i>For Lexan Lattice Pattern, Add</i>	459.06	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	349.60	
		<i>For Staggered Brick Pattern, Add</i>	530.74	
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,635.83	434.89
		<i>For Lexan Lattice Pattern, Add</i>	508.93	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	465.83	
		<i>For Staggered Brick Pattern, Add</i>	658.99	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,770.57	522.06
		<i>For Lexan Lattice Pattern, Add</i>	641.49	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	559.01	
		<i>For Staggered Brick Pattern, Add</i>	681.43	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	7,091.86	652.57
		<i>For Lexan Lattice Pattern, Add</i>	784.11	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	654.29	
		<i>For Staggered Brick Pattern, Add</i>	782.21	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	1,913.39	163.14
		<i>For Lexan Lattice Pattern, Add</i>	217.09	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	139.74	
		<i>For Staggered Brick Pattern, Add</i>	192.72	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,155.58	163.14
		<i>For Lexan Lattice Pattern, Add</i>	253.42	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	209.60	
		<i>For Staggered Brick Pattern, Add</i>	262.10	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,453.81	217.59
		<i>For Lexan Lattice Pattern, Add</i>	274.85	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	279.45	
		<i>For Staggered Brick Pattern, Add</i>	331.49	
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,921.39	217.59
		<i>For Lexan Lattice Pattern, Add</i>	344.99	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	419.25	
		<i>For Staggered Brick Pattern, Add</i>	470.24	
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	3,992.27	326.29
		<i>For Lexan Lattice Pattern, Add</i>	459.00	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	559.01	
		<i>For Staggered Brick Pattern, Add</i>	647.35	
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,527.09	372.90
		<i>For Lexan Lattice Pattern, Add</i>	516.01	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	559.01	
		<i>For Staggered Brick Pattern, Add</i>	647.35	
08 33 16 00-0017	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,059.82	434.89
		<i>For Lexan Lattice Pattern, Add</i>	573.02	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	698.76	
		<i>For Staggered Brick Pattern, Add</i>	824.45	
08 33 16 00-0018	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	6,324.32	522.06
		<i>For Lexan Lattice Pattern, Add</i>	724.55	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	838.50	
		<i>For Staggered Brick Pattern, Add</i>	950.43	
08 33 16 00-0019	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	7,643.39	652.57
		<i>For Lexan Lattice Pattern, Add</i>	866.84	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	976.24	
		<i>For Staggered Brick Pattern, Add</i>	1,065.50	

08 33 23 Overhead Coiling Doors (08 33)

See CSI section 01 22 23 00-0884 for forklift.

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001	Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11) Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 23 11-0002	26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)		
08 33 23 11-0003	EA 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,100.99	457.94
08 33 23 11-0004	EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,180.37	484.87
08 33 23 11-0005	EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,177.39	484.87
08 33 23 11-0006	EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,260.65	511.81
08 33 23 11-0007	EA 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,280.71	525.30
08 33 23 11-0008	EA 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,390.60	565.69
08 33 23 11-0009	EA 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,484.99	592.62
08 33 23 11-0010	EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,455.56	592.62
08 33 23 11-0011	EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,503.81	606.09
08 33 23 11-0012	EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,561.54	619.56
08 33 23 11-0013	EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,674.97	646.50
08 33 23 11-0014	EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,557.44	619.56
08 33 23 11-0015	EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,655.38	646.50
08 33 23 11-0016	EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,768.02	673.43
08 33 23 11-0017	EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,852.25	700.38

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,769.35	681.51
	For Insulated, Add	1,156.97	
08 33 23 11-0020	EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,848.99	697.01
	For Insulated, Add	1,195.75	
08 33 23 11-0021	EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,084.46	743.47
	For Insulated, Add	1,309.65	
08 33 23 11-0022	EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,294.70	774.44
	For Insulated, Add	1,425.52	
08 33 23 11-0023	EA 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,967.04	712.49
	For Insulated, Add	1,263.41	
08 33 23 11-0024	EA 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,201.80	774.44
	For Insulated, Add	1,355.84	
08 33 23 11-0025	EA 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,374.61	805.43
	For Insulated, Add	1,443.63	
08 33 23 11-0026	EA 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,596.33	836.41
	For Insulated, Add	1,568.10	
08 33 23 11-0027	EA 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,174.23	743.47
	For Insulated, Add	1,376.98	
08 33 23 11-0028	EA 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,364.61	774.44
	For Insulated, Add	1,477.95	
08 33 23 11-0029	EA 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,616.97	836.41
	For Insulated, Add	1,583.58	
08 33 23 11-0030	EA 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,904.23	863.34
	For Insulated, Add	1,762.66	
08 33 23 11-0031	EA 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,987.67	917.21
	For Insulated, Add	1,752.51	
08 33 23 11-0032	EA 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,362.75	971.09
	For Insulated, Add	1,961.08	
08 33 23 11-0033	EA 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,754.03	1,024.97
	For Insulated, Add	2,181.82	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,438.47	613.37
	For Insulated, Add	1,000.81	
08 33 23 11-0036	EA 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,627.85	647.45
	For Insulated, Add	1,096.80	
08 33 23 11-0037	EA 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,761.75	674.38
	For Insulated, Add	1,160.87	
08 33 23 11-0038	EA 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,778.51	715.60
	For Insulated, Add	1,117.80	
08 33 23 11-0039	EA 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,049.53	783.75
	For Insulated, Add	1,229.06	
08 33 23 11-0040	EA 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,227.21	810.68
	For Insulated, Add	1,325.95	
08 33 23 11-0041	EA 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,662.10	837.63
	For Insulated, Add	1,615.75	
08 33 23 11-0042	EA 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,123.93	878.03
	For Insulated, Add	1,907.58	
08 33 23 11-0043	EA 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,023.37	766.70
	For Insulated, Add	1,232.50	
08 33 23 11-0044	EA 8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,274.62	817.81
	For Insulated, Add	1,351.91	
08 33 23 11-0045	EA 8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,478.37	851.90
	For Insulated, Add	1,458.69	
08 33 23 11-0046	EA 8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,896.22	878.84
	For Insulated, Add	1,735.70	
08 33 23 11-0047	EA 8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,340.99	919.25
	For Insulated, Add	2,014.73	

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,572.78	885.97
		<i>For Insulated, Add</i>	1,483.53	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,841.77	920.05
		<i>For Insulated, Add</i>	1,639.23	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,330.44	973.93
		<i>For Insulated, Add</i>	1,933.00	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,872.98	1,054.73
		<i>For Insulated, Add</i>	2,230.81	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,423.55	1,162.48
		<i>For Insulated, Add</i>	2,498.27	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,027.99	1,297.17
		<i>For Insulated, Add</i>	2,769.78	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,686.32	1,458.80
		<i>For Insulated, Add</i>	3,045.33	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,397.08	1,647.36
		<i>For Insulated, Add</i>	3,323.85	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,855.23	920.05
		<i>For Insulated, Add</i>	1,649.32	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,122.73	949.68
		<i>For Insulated, Add</i>	1,809.95	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,734.93	1,003.56
		<i>For Insulated, Add</i>	2,196.36	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,400.98	1,084.37
		<i>For Insulated, Add</i>	2,586.81	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,050.92	1,192.11
		<i>For Insulated, Add</i>	2,928.80	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,754.72	1,326.81
		<i>For Insulated, Add</i>	3,274.83	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,512.42	1,488.43
		<i>For Insulated, Add</i>	3,624.90	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,377.83	1,703.93
		<i>For Insulated, Add</i>	3,983.04	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,717.77	1,071.31
		<i>For Insulated, Add</i>	2,092.08	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,175.17	1,125.19
		<i>For Insulated, Add</i>	2,362.40	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,725.58	1,179.06
		<i>For Insulated, Add</i>	2,702.47	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,271.73	1,259.87
		<i>For Insulated, Add</i>	3,002.98	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,903.50	1,367.63
		<i>For Insulated, Add</i>	3,331.35	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,534.69	1,475.37
		<i>For Insulated, Add</i>	3,659.28	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,847.95	1,610.06
		<i>For Insulated, Add</i>	4,462.40	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,215.10	1,771.68
		<i>For Insulated, Add</i>	5,269.56	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,684.55	1,232.01
		<i>For Insulated, Add</i>	2,600.20	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,204.50	1,285.88
		<i>For Insulated, Add</i>	2,917.43	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,667.86	1,339.76
		<i>For Insulated, Add</i>	3,192.22	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,201.46	1,420.57
		<i>For Insulated, Add</i>	3,483.33	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,836.09	1,528.32
		<i>For Insulated, Add</i>	3,813.84	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,559.80	1,636.07
		<i>For Insulated, Add</i>	4,211.16	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,655.60	1,770.75
		<i>For Insulated, Add</i>	4,851.18	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,813.87	1,932.38
		<i>For Insulated, Add</i>	5,501.69	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,144.31	1,386.02
		<i>For Insulated, Add</i>	2,737.08	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,609.95	1,439.89
		<i>For Insulated, Add</i>	3,013.58	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,352.97	1,520.70
		<i>For Insulated, Add</i>	3,461.75	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,040.32	1,628.45
		<i>For Insulated, Add</i>	3,831.81	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,785.96	1,763.14
		<i>For Insulated, Add</i>	4,209.20	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,586.02	1,924.76
		<i>For Insulated, Add</i>	4,591.06	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,949.13	2,113.33
		<i>For Insulated, Add</i>	5,358.83	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,392.19	2,328.82
		<i>For Insulated, Add</i>	6,150.20	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,023.26	1,593.92
		<i>For Insulated, Add</i>	3,115.63	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,909.22	1,647.80
		<i>For Insulated, Add</i>	3,707.36	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 11-0091		18 Gauge Galvanized Steel Overhead Coiling Doors <small>(08 33 23 11-0001)</small>		
		Note: With curtain hood (barrel cover).		
08 33 23 11-0092	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,949.37	1,948.83
		<i>For Insulated, Add</i>	4,081.13	
08 33 23 11-0093	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,894.50	2,029.65
		<i>For Insulated, Add</i>	4,680.88	
08 33 23 11-0094	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,031.02	2,137.40
		<i>For Insulated, Add</i>	5,387.81	
08 33 23 11-0095	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,298.04	2,245.15
		<i>For Insulated, Add</i>	6,192.62	
08 33 23 11-0096	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,625.10	2,379.83
		<i>For Insulated, Add</i>	7,006.09	
08 33 23 11-0097	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,027.63	2,541.46
		<i>For Insulated, Add</i>	7,839.79	
08 33 23 11-0098	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,685.01	1,886.88
		<i>For Insulated, Add</i>	3,216.50	
08 33 23 11-0099	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,677.98	1,967.69
		<i>For Insulated, Add</i>	3,852.14	
08 33 23 11-0100	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,010.24	2,143.71
		<i>For Insulated, Add</i>	4,613.64	
08 33 23 11-0101	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,240.22	2,224.52
		<i>For Insulated, Add</i>	5,427.03	
08 33 23 11-0102	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,528.17	2,332.27
		<i>For Insulated, Add</i>	6,247.53	
08 33 23 11-0103	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,946.16	2,440.02
		<i>For Insulated, Add</i>	7,165.57	
08 33 23 11-0104	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,422.33	2,574.71
		<i>For Insulated, Add</i>	8,090.86	
08 33 23 11-0105	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,943.69	2,736.33
		<i>For Insulated, Add</i>	9,013.70	
08 33 23 11-0106	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,470.34	2,075.56
		<i>For Insulated, Add</i>	3,550.73	
08 33 23 11-0107	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,146.39	2,129.43
		<i>For Insulated, Add</i>	3,985.04	
08 33 23 11-0108	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,609.30	2,183.31
		<i>For Insulated, Add</i>	5,009.48	
08 33 23 11-0109	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,981.18	2,264.12
		<i>For Insulated, Add</i>	5,929.30	
08 33 23 11-0110	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,353.69	2,371.87
		<i>For Insulated, Add</i>	6,813.22	
08 33 23 11-0111	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,855.27	2,479.62
		<i>For Insulated, Add</i>	7,793.94	
08 33 23 11-0112	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,575.84	2,077.58
		<i>For Insulated, Add</i>	8,878.24	
08 33 23 11-0113	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,544.05	2,775.93
		<i>For Insulated, Add</i>	10,160.50	
08 33 23 11-0114	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,510.67	1,948.83
		<i>For Insulated, Add</i>	4,502.11	
08 33 23 11-0115	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,542.86	2,029.65
		<i>For Insulated, Add</i>	5,167.15	
08 33 23 11-0116	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,781.71	2,137.40
		<i>For Insulated, Add</i>	5,950.83	
08 33 23 11-0117	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,165.58	2,245.15
		<i>For Insulated, Add</i>	6,843.27	
08 33 23 11-0118	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,610.15	2,379.83
		<i>For Insulated, Add</i>	7,744.88	
08 33 23 11-0119	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,132.60	2,541.46
		<i>For Insulated, Add</i>	8,668.51	
08 33 23 11-0120	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,119.59	1,886.88
		<i>For Insulated, Add</i>	3,542.44	
08 33 23 11-0121	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,204.93	1,967.69
		<i>For Insulated, Add</i>	4,247.35	
08 33 23 11-0122	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,646.11	2,143.71
		<i>For Insulated, Add</i>	5,090.55	
08 33 23 11-0123	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,994.78	2,224.52
		<i>For Insulated, Add</i>	5,992.95	
08 33 23 11-0124	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,401.90	2,332.27
		<i>For Insulated, Add</i>	6,902.83	
08 33 23 11-0125	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,953.50	2,440.02
		<i>For Insulated, Add</i>	7,921.07	
08 33 23 11-0126	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,563.76	2,574.71
		<i>For Insulated, Add</i>	8,946.93	
08 33 23 11-0127	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,218.25	2,736.33
		<i>For Insulated, Add</i>	9,969.62	
08 33 23 11-0128	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,950.25	2,075.56
		<i>For Insulated, Add</i>	3,910.66	
08 33 23 11-0129	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,689.45	2,129.43
		<i>For Insulated, Add</i>	4,392.33	
08 33 23 11-0130	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,302.92	2,183.31
		<i>For Insulated, Add</i>	5,529.69	
08 33 23 11-0131	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,809.28	2,264.12
		<i>For Insulated, Add</i>	6,550.37	
08 33 23 11-0132	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,310.35	2,371.87
		<i>For Insulated, Add</i>	7,530.71	
08 33 23 11-0133	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,954.83	2,479.62
		<i>For Insulated, Add</i>	8,618.61	

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 11-0134	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,844.94	2,077.58
		<i>For Insulated, Add</i>	9,830.09	
08 33 23 11-0135	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	19,987.61	2,775.93
		<i>For Insulated, Add</i>	11,243.18	

08 33 23 11-0136 Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11-0136)
 Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0137 0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0136)

08 33 23 11-0138	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,319.65	613.37
08 33 23 11-0139	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,495.00	647.45
08 33 23 11-0140	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,948.69	674.38
08 33 23 11-0141	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,847.85	715.60
08 33 23 11-0142	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,116.70	783.75
08 33 23 11-0143	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,303.19	810.68
08 33 23 11-0144	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,529.41	837.63
08 33 23 11-0145	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,785.47	878.03
08 33 23 11-0146	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,113.60	766.70
08 33 23 11-0147	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,395.30	817.81
08 33 23 11-0148	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,645.72	851.90
08 33 23 11-0149	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,872.15	878.84
08 33 23 11-0150	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,126.46	919.25
08 33 23 11-0151	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,727.89	885.97
08 33 23 11-0152	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,974.20	920.05
08 33 23 11-0153	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,301.61	973.93
08 33 23 11-0154	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,684.12	1,054.73
08 33 23 11-0155	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,277.33	1,162.48
08 33 23 11-0156	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,924.34	1,297.17
08 33 23 11-0157	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,621.62	1,458.80
08 33 23 11-0158	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,373.82	1,647.36
08 33 23 11-0159	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,969.73	920.05
08 33 23 11-0160	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,459.17	949.68
08 33 23 11-0161	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,902.19	1,003.56
08 33 23 11-0162	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,401.09	1,084.37
08 33 23 11-0163	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,073.46	1,192.11
08 33 23 11-0164	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,801.44	1,326.81
08 33 23 11-0165	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,330.93	1,488.43
08 33 23 11-0166	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,970.47	1,703.93

08 33 23 11-0167 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0136)

08 33 23 11-0168	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,536.27	1,071.31
08 33 23 11-0169	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,122.75	1,125.19
08 33 23 11-0170	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,697.93	1,179.06
08 33 23 11-0171	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,281.63	1,259.87
08 33 23 11-0172	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,956.04	1,367.63
08 33 23 11-0173	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,630.43	1,475.37
08 33 23 11-0174	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,368.62	1,610.06
08 33 23 11-0175	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,160.81	1,771.68
08 33 23 11-0176	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,289.70	1,232.01
08 33 23 11-0177	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,903.10	1,285.88
08 33 23 11-0178	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,490.99	1,339.76
08 33 23 11-0179	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,151.18	1,420.57
08 33 23 11-0180	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,916.25	1,528.32
08 33 23 11-0181	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,723.78	1,636.07
08 33 23 11-0182	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,551.18	1,770.75
08 33 23 11-0183	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,388.58	1,932.38
08 33 23 11-0184	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,910.78	1,386.02
08 33 23 11-0185	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,568.07	1,439.89
08 33 23 11-0186	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,343.54	1,520.70
08 33 23 11-0187	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,161.85	1,628.45
08 33 23 11-0188	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,043.11	1,763.14
08 33 23 11-0189	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,972.57	1,924.76
08 33 23 11-0190	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,954.49	2,113.33
08 33 23 11-0191	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,995.95	2,328.82
08 33 23 11-0192	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,751.49	1,593.92
08 33 23 11-0193	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,421.54	1,647.80
08 33 23 11-0194	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,522.21	1,728.60
08 33 23 11-0195	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,292.96	1,836.35
08 33 23 11-0196	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,250.68	1,971.04
08 33 23 11-0197	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,287.78	2,132.66
08 33 23 11-0198	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,333.42	2,321.23
08 33 23 11-0199	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,462.70	2,536.73
08 33 23 11-0200	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,970.45	1,886.88
08 33 23 11-0201	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,851.58	1,967.69
08 33 23 11-0202	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,025.22	2,143.71
08 33 23 11-0203	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,989.92	2,224.52
08 33 23 11-0204	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,007.10	2,332.27
08 33 23 11-0205	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,034.16	2,440.02
08 33 23 11-0206	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,061.31	2,574.71
08 33 23 11-0207	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,149.38	2,736.33
08 33 23 11-0208	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,785.53	2,075.56
08 33 23 11-0209	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,325.27	2,129.43
08 33 23 11-0210	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,625.65	2,183.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 11-0211	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,706.47	2,264.12
08 33 23 11-0212	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,783.13	2,371.87
08 33 23 11-0213	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,859.81	2,479.62
08 33 23 11-0214	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,137.62	2,614.30
08 33 23 11-0215	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	16,511.84	2,775.93

08 33 23 11-0216 Overhead Coiling Door Accessories (08 33 23 11)

08 33 23 11-0217	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only.....	3.82	1.27
08 33 23 11-0218	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors.....	20.72	1.52
08 33 23 11-0219	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors.....	19.81	1.52
08 33 23 11-0220	EA	Cylinder Lock For Coiling Doors.....	237.95	63.34
08 33 23 11-0221	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	1,185.50	202.69
08 33 23 11-0222	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	1,463.77	202.69
08 33 23 11-0223	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	1,396.23	228.03
08 33 23 11-0224	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	1,624.70	228.03
08 33 23 11-0225	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,773.92	253.36
08 33 23 11-0226	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,912.52	253.36
08 33 23 11-0227	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles.....	82.74	
08 33 23 11-0228	EA	Remote Transmitter Kit For Coiling Door Operators.....	317.11	101.34

08 33 23 11-0229 Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11)

08 33 23 11-0230	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports..... Note: Includes storage, cleaning and supply materials.	21.66	
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08 33 23 13 Overhead Rapid Coiling Doors (08 33 23)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0884 for forklift.

08 33 23 13-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13)

Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08 33 23 13-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0001)

08 33 23 13-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)

08 33 23 13-0004	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,399.23	405.38
08 33 23 13-0005	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,587.32	422.61
08 33 23 13-0006	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,803.46	439.84
08 33 23 13-0007	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,102.50	457.07
08 33 23 13-0008	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,407.65	474.30
08 33 23 13-0009	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,917.64	491.52
08 33 23 13-0010	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,281.30	508.75

08 33 23 13-0011 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)

08 33 23 13-0012	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,627.56	422.61
08 33 23 13-0013	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,865.65	439.84
08 33 23 13-0014	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,163.47	457.07
08 33 23 13-0015	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,478.37	474.30
08 33 23 13-0016	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,892.03	491.52
08 33 23 13-0017	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,389.82	508.75
08 33 23 13-0018	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,783.98	525.98

08 33 23 13-0019 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)

08 33 23 13-0020	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,904.66	439.84
08 33 23 13-0021	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,201.26	457.07
08 33 23 13-0022	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,528.36	474.30
08 33 23 13-0023	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,954.22	491.52
08 33 23 13-0024	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,338.61	508.75
08 33 23 13-0025	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,880.31	525.98
08 33 23 13-0026	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,325.68	543.21

08 33 23 13-0027 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)

08 33 23 13-0028	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,241.50	457.07
08 33 23 13-0029	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,566.16	474.30
08 33 23 13-0030	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,992.01	491.52
08 33 23 13-0031	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,388.60	508.75

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0032	EA 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,804.71	525.98
08 33 23 13-0033	EA 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,236.67	543.21
08 33 23 13-0034	EA 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,710.07	560.44
08 33 23 13-0035	10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)		
08 33 23 13-0036	EA 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,597.86	474.30
08 33 23 13-0037	EA 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,032.25	491.52
08 33 23 13-0038	EA 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,425.18	508.75
08 33 23 13-0039	EA 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,844.95	525.98
08 33 23 13-0040	EA 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,309.83	543.21
08 33 23 13-0041	EA 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,407.68	560.44
08 33 23 13-0042	EA 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,194.45	577.66
08 33 23 13-0043	11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)		
08 33 23 13-0044	EA 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,055.42	491.52
08 33 23 13-0045	EA 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,458.10	508.75
08 33 23 13-0046	EA 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,882.75	525.98
08 33 23 13-0047	EA 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,348.84	543.21
08 33 23 13-0048	EA 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,656.42	560.44
08 33 23 13-0049	EA 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,260.29	577.66
08 33 23 13-0050	EA 11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,755.65	594.89
08 33 23 13-0051	12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0002)		
08 33 23 13-0052	EA 12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,469.07	508.75
08 33 23 13-0053	EA 12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,904.70	525.98
08 33 23 13-0054	EA 12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,379.33	543.21
08 33 23 13-0055	EA 12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,697.87	560.44
08 33 23 13-0056	EA 12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,115.20	577.66
08 33 23 13-0057	EA 12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,811.74	594.89
08 33 23 13-0058	EA 12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,297.34	612.13
08 33 23 13-0059	Rytec® PredaDoor® Door Options (08 33 23 13-0001)		
08 33 23 13-0060	EA Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	396.28	101.34
08 33 23 13-0061	EA >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	658.43	101.34
08 33 23 13-0062	SF Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	9.88	
08 33 23 13-0063	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0063)		
Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.			
08 33 23 13-0064	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0063)		
08 33 23 13-0065	8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0064)		
08 33 23 13-0066	EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,772.08	608.07
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0067	EA 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	17,539.34	625.30
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0068	EA 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,206.62	642.53
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0069	EA 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,925.11	659.76
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 33 23 13-0070	EA 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,741.13 675.00 1,100.00 2,750.00 2,200.00 3,300.00	676.99
08 33 23 13-0071	EA 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,164.55 675.00 1,100.00 2,750.00 2,200.00 3,300.00	694.22
08 33 23 13-0072	EA 8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,831.83 675.00 1,100.00 2,750.00 2,200.00 3,300.00	711.45
08 33 23 13-0073 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0064)</small>			
08 33 23 13-0074	EA 9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	17,539.34 675.00 1,100.00 2,750.00 3,300.00 4,950.00	625.30
08 33 23 13-0075	EA 9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,206.62 675.00 1,100.00 2,750.00 3,300.00 4,950.00	642.53
08 33 23 13-0076	EA 9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,925.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	659.76
08 33 23 13-0077	EA 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,741.13 675.00 1,100.00 2,750.00 3,300.00 4,950.00	676.99
08 33 23 13-0078	EA 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,164.55 675.00 1,100.00 2,750.00 3,300.00 4,950.00	694.22
08 33 23 13-0079	EA 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,831.83 675.00 1,100.00 2,750.00 3,300.00 4,950.00	711.45
08 33 23 13-0080	EA 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,695.41 675.00 1,100.00 2,750.00 3,300.00 4,950.00	728.68
08 33 23 13-0081 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0064)</small>			
08 33 23 13-0082	EA 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,206.62 675.00 1,100.00 2,750.00 3,300.00 4,950.00	642.53
08 33 23 13-0083	EA 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,925.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	659.76
08 33 23 13-0084	EA 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,741.13 675.00 1,100.00 2,750.00 3,300.00 4,950.00	676.99

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0085	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,164.55	694.22
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0086	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,831.83	711.45
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0087	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,695.41	728.68
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0088	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,510.24	745.90
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,950.00	

08 33 23 13-0089 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 23 13-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,925.11	659.76
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,741.13	676.99
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,164.55	694.22
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,831.83	711.45
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,695.41	728.68
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,510.24	745.90
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,422.60	763.13
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	

08 33 23 13-0097 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 23 13-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,741.13	676.99
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	
08 33 23 13-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,164.55	694.22
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00	
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0100 EA 12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,831.83 675.00 1,100.00 2,750.00 4,400.00 6,600.00	711.45
08 33 23 13-0101 EA 12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,695.41 675.00 1,100.00 2,750.00 4,400.00 6,600.00	728.68
08 33 23 13-0102 EA 12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,510.24 675.00 1,100.00 2,750.00 4,400.00 6,600.00	745.90
08 33 23 13-0103 EA 12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,422.60 675.00 1,100.00 2,750.00 4,400.00 6,600.00	763.13
08 33 23 13-0104 EA 12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,075.24 675.00 1,100.00 2,750.00 4,400.00 6,600.00	780.36
08 33 23 13-0105 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0064)</small>		
08 33 23 13-0106 EA 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,666.91 675.00 1,100.00 2,750.00 5,480.00 7,370.00	694.22
08 33 23 13-0107 EA 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,523.18 675.00 1,100.00 2,750.00 5,480.00 7,370.00	711.45
08 33 23 13-0108 EA 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,334.33 675.00 1,100.00 2,750.00 5,480.00 7,370.00	728.68
08 33 23 13-0109 EA 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,278.41 675.00 1,100.00 2,750.00 5,480.00 7,370.00	745.90
08 33 23 13-0110 EA 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,218.81 675.00 1,100.00 2,750.00 5,480.00 7,370.00	763.13
08 33 23 13-0111 EA 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,914.13 675.00 1,100.00 2,750.00 5,480.00 7,370.00	780.36
08 33 23 13-0112 EA 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,439.97 675.00 1,100.00 2,750.00 5,480.00 7,370.00	797.59
08 33 23 13-0113 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0064)</small>		
08 33 23 13-0114 EA 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,523.18 675.00 1,100.00 2,750.00 5,480.00 7,370.00	711.45

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 13-0115	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,334.33	728.68
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0116	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,278.41	745.90
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0117	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,218.81	763.13
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0118	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,914.13	780.36
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0119	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,439.97	797.59
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,226.73	814.82
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0121		Rytec® Fast-Seal® Door Options (08 33 23 13-0063)		
08 33 23 13-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors	36.58	
		Note: Multiply linear foot price x width of door.		
08 33 23 13-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	396.28	
08 33 23 13-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	658.43	
08 33 23 13-0125	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	968.27	
08 33 23 13-0126	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	231.67	
08 33 23 13-0127	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	457.24	
		Note: Door must be at least 90" wide.		
08 33 23 13-0128	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	579.17	
		Note: Door must be at least 102" wide.		
08 33 23 13-0129	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	914.48	
		Note: Door must be at least 136" wide.		
08 33 23 13-0130	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	268.25	
08 33 23 13-0131	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	530.40	
		Note: Door must be at least 108" wide.		
08 33 23 13-0132	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	658.43	
		Note: Door must be at least 144" wide.		
08 33 23 13-0133	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	1,060.80	
		Note: Door must be at least 192" wide.		
08 33 23 13-0134		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13) Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0135		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13-0134)		
08 33 23 13-0136		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0135)		
08 33 23 13-0137	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,904.38	810.76
08 33 23 13-0138	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,598.49	827.99
08 33 23 13-0139	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,292.58	845.22
08 33 23 13-0140	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,987.91	862.45
08 33 23 13-0141	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	26,682.02	879.68
08 33 23 13-0142	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	27,376.11	896.91
08 33 23 13-0143	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	29,388.29	914.13

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0144		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0145	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,598.49	827.99
08 33 23 13-0146	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,292.58	845.22
08 33 23 13-0147	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,987.91	862.45
08 33 23 13-0148	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,682.02	879.68
08 33 23 13-0149	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,376.11	896.91
08 33 23 13-0150	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,070.22	914.13
08 33 23 13-0151	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,082.39	931.36

08 33 23 13-0152		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0153	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,292.58	845.22
08 33 23 13-0154	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,987.91	862.45
08 33 23 13-0155	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,682.02	879.68
08 33 23 13-0156	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,376.11	896.91
08 33 23 13-0157	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,070.22	914.13
08 33 23 13-0158	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,764.32	931.36
08 33 23 13-0159	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,776.49	948.59

08 33 23 13-0160		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0161	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,987.91	862.45
08 33 23 13-0162	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,682.02	879.68
08 33 23 13-0163	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,376.11	896.91
08 33 23 13-0164	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,070.22	914.13
08 33 23 13-0165	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,764.32	931.36
08 33 23 13-0166	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,458.42	948.59
08 33 23 13-0167	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,469.39	965.82

08 33 23 13-0168		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0169	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,682.02	879.68
08 33 23 13-0170	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,376.11	896.91
08 33 23 13-0171	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,070.22	914.13
08 33 23 13-0172	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,764.32	931.36
08 33 23 13-0173	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,458.42	948.59
08 33 23 13-0174	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,152.53	965.82
08 33 23 13-0175	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,164.70	983.05

08 33 23 13-0176		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0177	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,376.11	896.91
08 33 23 13-0178	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,070.22	914.13
08 33 23 13-0179	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,764.32	931.36
08 33 23 13-0180	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,458.42	948.59
08 33 23 13-0181	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,152.53	965.82
08 33 23 13-0182	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,846.63	983.05
08 33 23 13-0183	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,858.81	1,000.28

08 33 23 13-0184		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0135)</small>		
08 33 23 13-0185	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,388.29	914.13
08 33 23 13-0186	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,082.39	931.36
08 33 23 13-0187	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,776.49	948.59
08 33 23 13-0188	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,469.39	965.82
08 33 23 13-0189	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,164.70	983.05
08 33 23 13-0190	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,858.81	1,000.28
08 33 23 13-0191	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,546.82	1,017.50

08 33 23 13-0192		Rytec® Spiral® Door Options <small>(08 33 23 13-0134)</small>		
08 33 23 13-0193	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors	396.28	
		Note: Per door price.		
08 33 23 13-0194	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors	268.25	
		Note: Maximum of 4 per door.		
08 33 23 13-0195	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors	396.28	
		Note: Maximum of 4 per door.		
08 33 23 13-0196	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	759.77	50.68
08 33 23 13-0197	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	2,177.97	101.34
08 33 23 13-0198	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,891.10	101.34
08 33 23 13-0199	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	4,421.50	101.34

08 33 23 13-0200		Activation And Control Box Options For High Speed Doors <small>(08 33 23 13)</small>		
08 33 23 13-0201	EA	Pull Cord For High-Speed Rolling Doors	198.88	50.68
08 33 23 13-0202	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	148.22	25.33

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0203	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	184.80	25.33
08 33 23 13-0204	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	197.00	25.33
08 33 23 13-0205	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	349.41	25.33
08 33 23 13-0206	EA	Radio Control For High-Speed Rolling Doors.....	548.30	45.61
		Note: Includes one receiver and two transmitters.		
08 33 23 13-0207	EA	Floor Loop For High-Speed Rolling Doors.....	750.99	
		Note: Excludes sealant.		
08 33 23 13-0208	EA	Reflective Type Photo Eye For High-Speed Rolling Doors.....	474.78	45.61
08 33 23 13-0209	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	615.36	45.61
08 33 23 13-0210	EA	Motion Detector For High-Speed Rolling Doors.....	524.15	30.40
08 33 23 13-0211	EA	Remote Warning Horn For High-Speed Rolling Doors.....	369.59	50.68
		Note: Includes wall box and mounting hardware.		
08 33 23 13-0212	EA	Remote Strobe Light For High-Speed Rolling Doors.....	497.62	50.68
		Note: Includes wall box and mounting hardware.		
08 33 23 13-0213	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	564.68	50.68
		Note: Includes wall box and mounting hardware.		
08 33 23 13-0214	EA	Red And Green Red Light For High-Speed Rolling Doors.....	698.80	50.68
		Note: Includes mounting hardware.		

08 33 26 Overhead Coiling Grilles (08 33)

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
 Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0884 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) (08 33 26)

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,198.71	195.77
		For Lexan Lattice Pattern, Add	245.97	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	186.34	
		For Staggered Brick Pattern, Add	252.23	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,491.30	195.77
		For Lexan Lattice Pattern, Add	289.86	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	279.51	
		For Staggered Brick Pattern, Add	341.60	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,998.52	244.71
		For Lexan Lattice Pattern, Add	344.80	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	372.67	
		For Staggered Brick Pattern, Add	430.97	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,420.48	244.71
		For Lexan Lattice Pattern, Add	408.09	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	436.11	
		For Staggered Brick Pattern, Add	609.70	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	4,709.64	391.54
		For Lexan Lattice Pattern, Add	538.37	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	745.34	
		For Staggered Brick Pattern, Add	859.82	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	5,853.28	489.43
		For Lexan Lattice Pattern, Add	668.66	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	931.68	
		For Staggered Brick Pattern, Add	1,109.92	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	7,377.71	587.32
		For Lexan Lattice Pattern, Add	855.15	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,118.01	
		For Staggered Brick Pattern, Add	1,248.52	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	8,994.80	717.82
		For Lexan Lattice Pattern, Add	1,042.56	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,294.91	
		For Staggered Brick Pattern, Add	1,361.68	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,410.78	195.77
		For Lexan Lattice Pattern, Add	277.78	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	232.92	
		For Staggered Brick Pattern, Add	299.66	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,798.56	195.77
		For Lexan Lattice Pattern, Add	335.95	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	349.37	
		For Staggered Brick Pattern, Add	425.53	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,339.15	244.71
		For Lexan Lattice Pattern, Add	396.20	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	465.84	
		For Staggered Brick Pattern, Add	551.40	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,867.60	244.71
		For Lexan Lattice Pattern, Add	475.47	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	698.76	
		For Staggered Brick Pattern, Add	803.15	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	5,296.98	391.54
		For Lexan Lattice Pattern, Add	626.48	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	931.68	
		For Staggered Brick Pattern, Add	1,107.44	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	6,578.72	489.43
		For Lexan Lattice Pattern, Add	777.47	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,164.59	
		For Staggered Brick Pattern, Add	1,411.71	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	8,254.19	587.32
		For Lexan Lattice Pattern, Add	986.62	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,397.69	
		For Staggered Brick Pattern, Add	1,634.87	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	10,348.19	717.82
		For Lexan Lattice Pattern, Add	1,245.57	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,636.49	
		For Staggered Brick Pattern, Add	1,831.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0018 EA 4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,653.64 314.21 279.51 346.39	195.77
08 33 26 00-0019 EA 6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,723.94 324.76 419.25 508.05	195.77
08 33 26 00-0020 EA 8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,317.76 392.68 558.99 669.71	244.71
08 33 26 00-0021 EA 12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,374.49 551.19 838.48 993.04	244.71
08 33 26 00-0022 EA 16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,127.24 751.01 1,118.00 1,380.61	391.54
08 33 26 00-0023 EA 20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	7,734.46 950.83 1,397.51 1,768.18	489.43
08 33 26 00-0024 EA 24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	9,377.37 1,155.10 1,677.02 1,869.61	587.32
08 33 26 00-0025 EA 30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	11,685.35 1,446.14 1,943.41 2,036.96	717.82
08 33 26 00-0026 EA 4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,088.01 379.37 325.96 640.69	195.77
08 33 26 00-0027 EA 6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,562.25 450.50 489.05 786.69	195.77
08 33 26 00-0028 EA 8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,180.61 522.42 652.12 916.04	244.71
08 33 26 00-0029 EA 12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,176.84 671.86 978.26 1,161.61	244.71
08 33 26 00-0030 EA 16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,955.62 875.27 1,304.35 1,554.02	391.54
08 33 26 00-0031 EA 20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,586.81 1,078.69 1,630.42 1,946.43	489.43
08 33 26 00-0032 EA 24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	10,262.32 1,287.84 1,956.51 2,207.46	587.32
08 33 26 00-0033 EA 30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	13,127.03 1,662.40 2,309.69 2,522.13	717.82
08 33 26 00-0034 Coiling Grilles Accessories <small>(08 33 26)</small>		
08 33 26 00-0035 LF For Overhead Framed Rolling Grille Supports.....	94.48	
08 33 36 Side Coiling Grilles <small>(08 33)</small>		
08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) <small>(08 33 36)</small>		
08 33 36 00-0002 EA 12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,748.17 327.60 559.01 609.70	547.41
08 33 36 00-0003 EA 18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,215.83 481.00 857.46 976.54	703.19
08 33 36 00-0004 EA 24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,745.03 631.77 1,118.01 1,248.52	886.65
08 33 36 00-0005 EA 30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,062.55 789.71 1,294.91 1,361.68	978.85

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	4,511.25	624.14
		<i>For Lexan Lattice Pattern, Add</i>	409.21	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	698.76	
		<i>For Staggered Brick Pattern, Add</i>	803.15	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	6,302.40	801.64
		<i>For Lexan Lattice Pattern, Add</i>	601.61	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,029.09	
		<i>For Staggered Brick Pattern, Add</i>	1,219.57	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	8,056.98	1,010.46
		<i>For Lexan Lattice Pattern, Add</i>	775.35	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,397.69	
		<i>For Staggered Brick Pattern, Add</i>	1,634.87	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	9,780.35	1,115.89
		<i>For Lexan Lattice Pattern, Add</i>	986.85	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,636.49	
		<i>For Staggered Brick Pattern, Add</i>	1,831.42	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	5,283.79	703.19
		<i>For Lexan Lattice Pattern, Add</i>	491.20	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	838.48	
		<i>For Staggered Brick Pattern, Add</i>	993.04	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	7,394.80	903.15
		<i>For Lexan Lattice Pattern, Add</i>	720.79	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,238.03	
		<i>For Staggered Brick Pattern, Add</i>	1,514.13	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	9,554.60	1,138.74
		<i>For Lexan Lattice Pattern, Add</i>	947.65	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,677.02	
		<i>For Staggered Brick Pattern, Add</i>	1,869.61	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	11,488.13	1,256.20
		<i>For Lexan Lattice Pattern, Add</i>	1,184.56	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,943.41	
		<i>For Staggered Brick Pattern, Add</i>	2,036.96	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	6,048.50	777.49
		<i>For Lexan Lattice Pattern, Add</i>	574.33	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	978.26	
		<i>For Staggered Brick Pattern, Add</i>	1,161.61	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	8,486.60	998.43
		<i>For Lexan Lattice Pattern, Add</i>	841.40	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,414.91	
		<i>For Staggered Brick Pattern, Add</i>	1,682.30	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	10,956.13	1,258.80
		<i>For Lexan Lattice Pattern, Add</i>	1,105.59	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,956.51	
		<i>For Staggered Brick Pattern, Add</i>	2,207.46	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	13,178.83	1,389.98
		<i>For Lexan Lattice Pattern, Add</i>	1,381.27	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,309.69	
		<i>For Staggered Brick Pattern, Add</i>	2,522.13	

08 33 43 Overhead Coiling Smoke Curtains (08 33)**08 33 43 00-0001 Elevator Smoke Guard (08 33 43)**

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	9,219.55	547.41
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	9,543.62	547.41
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	9,867.70	547.41

08 34 Special Function Doors (08 30)**08 34 13 Cold Storage Doors (08 34)****08 34 13 00-0001 Vertical Sliding Cold Storage Doors (08 34 13)**

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,331.28	805.85
		<i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	402.14	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	8,121.65	1,023.05
		<i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	511.52	

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors (08 34 13)

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,085.69	643.60
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,731.76	725.75
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	7,409.68	956.45
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	4,434.51	584.77

08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors (08 34 13)

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	2,548.69	380.37
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08 34 16 Hangar Doors (08 34)

08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels	56.93	14.93
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels	51.23	14.93
		Note: Includes motorized opener and special hardware.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 34 16 00-0003	SF		120' To 180' Wide X 20-40' High Hanger Door 25' Panels..... Note: Includes motorized opener and special hardware.	52.19	3.20
08 34 16 00-0004	SF		120' To 180' Wide X 40-60' High Hanger Door 25' Panels..... Note: Includes motorized opener and special hardware.	54.55	2.14
08 34 16 00-0005	SF		120' To 180' Wide X 60-80' High Hanger Door 25' Panels..... Note: Includes motorized opener and special hardware.	57.75	2.14
08 34 16 00-0006	SF		120' To 180' Wide x >80' High Hanger Door 25' Panels..... Note: Includes motorized opener and special hardware.	90.48	2.14

08 34 23 Sidewalk and Basement Doors (08 34)

08 34 23 00-0001 Drainage Doors (08 34 23)

08 34 23 00-0002 Single Leaf Aluminum Drainage Doors (08 34 23 00-0001)

Note: Bilco - J Series.

08 34 23 00-0003	EA		2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,109.54	180.50
08 34 23 00-0004	EA		2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,361.41	188.60
08 34 23 00-0005	EA		3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,445.02	192.66
08 34 23 00-0006	EA		3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,592.10	196.71
08 34 23 00-0007	EA		3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,854.05	206.85
08 34 23 00-0008	EA		2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,889.26	202.08
08 34 23 00-0009	EA		3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,100.79	206.85
08 34 23 00-0010	EA		2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,192.49	211.61
08 34 23 00-0011	EA		3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,404.04	216.38
08 34 23 00-0012	EA		3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,788.89	228.53

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0014	EA		4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,241.75	202.08
08 34 23 00-0015	EA		4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,354.69	216.38
08 34 23 00-0016	EA		4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,983.38	240.69
08 34 23 00-0017	EA		5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	3,067.98	240.69

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA		2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,765.18	180.50
08 34 23 00-0020	EA		2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,059.35	188.60
08 34 23 00-0021	EA		3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,241.69	192.66
08 34 23 00-0022	EA		3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,536.82	196.71
08 34 23 00-0023	EA		3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,932.71	206.85

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA		4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,932.64	202.08
08 34 23 00-0026	EA		4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,919.77	216.38
08 34 23 00-0027	EA		4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,570.70	240.69
08 34 23 00-0028	EA		5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,246.40	240.69

08 34 23 00-0029 Single Leaf Steel Drainage Doors (08 34 23 00-0001)

Note: Bilco - J Series.

08 34 23 00-0030	EA		2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,503.60	180.50
08 34 23 00-0031	EA		2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,579.71	188.60
08 34 23 00-0032	EA		3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,759.30	192.66
08 34 23 00-0033	EA		3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,948.05	196.71
08 34 23 00-0034	EA		3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,264.65	206.85
08 34 23 00-0035	EA		2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,157.09	202.08
08 34 23 00-0036	EA		3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,456.45	206.85
08 34 23 00-0037	EA		2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,445.28	211.61
08 34 23 00-0038	EA		3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,726.38	216.38
08 34 23 00-0039	EA		3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,909.03	228.53

08 34 23 00-0040 Double Leaf Steel Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0041	EA		4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,650.29	202.08
08 34 23 00-0042	EA		4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,781.18	216.38
08 34 23 00-0043	EA		4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,466.14	240.69
08 34 23 00-0044	EA		5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,566.61	240.69

08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0046	EA		2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,563.06	180.50
08 34 23 00-0047	EA		2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,712.24	188.60
08 34 23 00-0048	EA		3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,809.66	192.66
08 34 23 00-0049	EA		3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,308.94	196.71
08 34 23 00-0050	EA		3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,899.54	206.85

08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 Openings
08 30 Specialty Doors And Frames
08 34 Special Function Doors

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,294.28		202.08
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,799.64		216.38
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,128.60		240.69
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	6,945.93		240.69
08 34 23 00-0056		Single Leaf Aluminum Drainage Door (08 34 23 00-0001) Note: Bilco - J-R (Odor Resistant).			
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,929.32		180.50
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,306.26		188.60
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,450.77		192.66
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,597.96		196.71
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,948.63		206.85
08 34 23 00-0062		Non-Drainage Doors (08 34 23)			
08 34 23 00-0063		Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - Q Series.			
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,067.33		180.50
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,290.92		188.60
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,381.63		192.66
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,437.03		196.71
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,804.70		206.85
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,628.44		202.08
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,818.80		206.85
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,037.29		211.61
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,157.38		216.38
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,450.77		228.53
08 34 23 00-0074		Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - K Series.			
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	876.98		180.50
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,051.22		188.60
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,163.09		192.66
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,239.64		196.71
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,438.10		206.85
08 34 23 00-0080		Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - QD Series.			
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,065.54		202.08
08 34 23 00-0082		Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - KD Series.			
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,981.14		216.38
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,779.04		240.69
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,835.43		240.69
08 34 23 00-0086		Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - T Series.			
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	961.58		180.50
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,121.72		188.60
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,198.34		192.66
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,310.14		196.71
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,529.75		206.85
08 34 23 00-0092		Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - TD Series.			
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,100.98		216.38
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,927.08		240.69
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,969.38		240.69
08 34 23 00-0096		Single Leaf Steel Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - Q Series.			
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,028.75		180.50
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,150.44		188.60
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,293.56		192.66
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,372.68		196.71
08 34 23 00-0101		Double Leaf Steel Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - QD Series.			
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,074.89		202.08
08 34 23 00-0103		Basement Doors (08 34 23) Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.			
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,412.48		228.03
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	1,176.72		172.80
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	1,223.99		190.02

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 34 23 00-0107	EA		19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,307.80	202.69
	08 34 23 00-0108	EA		52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,447.96	228.03
08 34 49 Radiation Shielding Doors And Frames (08 34)						
08 34 49 13 Neutron Shielding Doors And Frames (08 34 49)						
08 34 49 13-0001 Lead Lined Doors And Frames (08 34 49 13)						
	08 34 49 13-0002	SF		1/16" Thick Laminated Lead In Wood Door	105.33	10.13
	08 34 49 13-0003	SF		1/8" Thick Laminated Lead In Wood Door	129.33	10.13
	08 34 49 13-0004	LF		1/16" Thick Lead Lined Door Frame	114.39	10.13
	08 34 49 13-0005	LF		1/8" Thick Lead Lined Door Frame	122.39	10.13
08 34 53 Security Doors And Frames (08 34)						
08 34 53 00-0001 Metal Security Doors, Bullet Resistant (08 34 53)						
Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.						
	08 34 53 00-0002	SF		Metal Security Door	50.02	7.65
	08 34 53 00-0003	EA		Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	2,023.19	381.75
	08 34 53 00-0004	EA		Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	2,378.70	405.25
08 34 53 00-0005 Metal Security Doors (08 34 53)						
Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.						
	08 34 53 00-0006	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	870.46	69.92
Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.						
	08 34 53 00-0007	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	870.46	69.92
Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.						
	08 34 53 00-0008	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,235.80	69.92
Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.						
08 34 56 Security Gates (08 34)						
08 34 56 00-0001 Pivoting Double Folding Gate (08 34 56)						
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.						
	08 34 56 00-0002	EA		6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	988.31	192.75
	08 34 56 00-0003	EA		8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,109.56	216.85
	08 34 56 00-0004	EA		8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,194.28	240.95
	08 34 56 00-0005	EA		8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,315.51	265.04
	08 34 56 00-0006	EA		10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,120.85	195.16
	08 34 56 00-0007	EA		10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,205.78	219.26
	08 34 56 00-0008	EA		10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,322.14	243.35
	08 34 56 00-0009	EA		10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,412.23	267.44
	08 34 56 00-0010	EA		12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,180.45	197.58
	08 34 56 00-0011	EA		12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,265.11	221.67
	08 34 56 00-0012	EA		12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,334.95	233.71
	08 34 56 00-0013	EA		12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,405.05	245.77
	08 34 56 00-0014	EA		12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,498.93	269.86
	08 34 56 00-0015	EA		14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,294.96	199.98
	08 34 56 00-0016	EA		14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,379.35	224.08
	08 34 56 00-0017	EA		14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,458.25	236.13
	08 34 56 00-0018	EA		14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,556.25	248.17
	08 34 56 00-0019	EA		14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,695.31	272.26
	08 34 56 00-0020	EA		16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,469.14	204.80
	08 34 56 00-0021	EA		16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,576.50	231.31
	08 34 56 00-0022	EA		16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,696.70	245.77
	08 34 56 00-0023	EA		16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,766.98	252.99
08 34 56 00-0024 Pivoting Single Folding Gate (08 34 56)						
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.						
	08 34 56 00-0025	EA		5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	671.74	134.92
	08 34 56 00-0026	EA		5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	717.90	139.74
	08 34 56 00-0027	EA		5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	764.06	144.56
	08 34 56 00-0028	EA		5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	819.89	154.20
	08 34 56 00-0029	EA		5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	857.43	163.84
	08 34 56 00-0030	EA		6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	717.76	139.74
	08 34 56 00-0031	EA		6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	764.13	144.56
	08 34 56 00-0032	EA		6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	810.30	149.38
	08 34 56 00-0033	EA		6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	866.08	159.02
	08 34 56 00-0034	EA		6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	903.83	168.66
	08 34 56 00-0035	EA		7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	782.18	144.56
	08 34 56 00-0036	EA		7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	828.57	149.38
	08 34 56 00-0037	EA		7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	874.67	154.20
	08 34 56 00-0038	EA		7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	930.61	163.84
	08 34 56 00-0039	EA		7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	986.63	173.47
08 34 56 00-0040 Window Gates, Expands From 2' To 4' (08 34 56)						
Note: Includes padlock hasp and galvanized finish. Excludes padlock.						
	08 34 56 00-0041	EA		33" High Window Gate, Up To 4' Wide Opening	272.76	53.01
	08 34 56 00-0042	EA		37" High Window Gate, Up To 4' Wide Opening	282.40	57.82
	08 34 56 00-0043	EA		40" High Window Gate, Up To 4' Wide Opening	282.40	57.82

08 Openings
08 30 Specialty Doors And Frames
08 34 Special Function Doors

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening.....	292.76	62.64
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening.....	292.76	62.64
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening.....	302.40	67.46
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening.....	302.40	67.46
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening.....	312.03	72.28
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening.....	312.03	72.28
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening.....	321.67	77.10
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening.....	321.67	77.10

08 34 56 00-0052 **Pivoting Door Gate, Expands From 2' To 4' (08 34 56)**

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening.....	331.32	81.92
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening.....	333.55	81.92
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening.....	346.14	86.74
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening.....	358.73	91.56
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening.....	361.68	91.56
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening.....	374.28	96.37
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening.....	377.24	96.37
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening.....	388.93	101.19
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening.....	392.80	101.19

08 34 73 **Sound Control Door Assemblies (08 34)**

08 34 73 13 **Metal Sound Control Door Assemblies (08 34 73)**

08 34 73 13-0001 **Steel Acoustical Door Assembly (08 34 73 13)**

Note: Includes seal.

08 34 73 13-0002 **Steel Acoustical Doors (08 34 73 13-0001)**

Note: Includes hinges.

08 34 73 13-0003	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	3,082.06	60.81
		<i>For 60 Minutes Fire Rated, Add</i>	178.82	
		<i>For 3" x 33" Vision Lite, Add</i>	1,242.56	
		<i>For 20" x 64" Vision Lite, Add</i>	1,329.67	
08 34 73 13-0004	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated).....	3,265.95	63.34
		<i>For 60 Minutes Fire Rated, Add</i>	178.82	
		<i>For 3" x 33" Vision Lite, Add</i>	1,242.56	
		<i>For 20" x 64" Vision Lite, Add</i>	1,329.67	
08 34 73 13-0005	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated).....	3,454.89	68.41
		<i>For 60 Minutes Fire Rated, Add</i>	178.82	
		<i>For 3" x 33" Vision Lite, Add</i>	1,242.56	
		<i>For 20" x 64" Vision Lite, Add</i>	1,329.67	
08 34 73 13-0006	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated).....	6,151.93	115.54
		<i>For 1 Hour Fire Rated, Add</i>	357.64	
		<i>For 3" x 33" Windows, Add</i>	2,485.12	
		<i>For 20" x 64" Windows, Add</i>	2,659.35	

08 34 73 13-0007 **Steel Acoustical Door Frames (08 34 73 13-0001)**

08 34 73 13-0008	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,522.74	101.34
08 34 73 13-0009	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,588.46	101.34
08 34 73 13-0010	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,654.18	101.34
08 34 73 13-0011	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,719.90	101.34
08 34 73 13-0012	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,885.37	111.48
08 34 73 13-0013	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,958.73	111.48
08 34 73 13-0014	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,024.45	111.48
08 34 73 13-0015	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,105.96	111.48
08 34 73 13-0016	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,254.66	116.55
08 34 73 13-0017	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,320.38	116.55
08 34 73 13-0018	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,386.10	116.55
08 34 73 13-0019	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,459.46	116.55
08 34 73 13-0020	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	5,762.54	131.75
08 34 73 13-0021	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	5,825.20	131.75
08 34 73 13-0022	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	5,892.45	131.75
08 34 73 13-0023	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	5,961.22	131.75

08 34 73 16 **Wood Sound Control Door Assemblies (08 34 73)**

08 34 73 16-0001 **Wood Acoustical Door Assembly (08 34 73 16)**

Note: Includes the prefinished door, frame, hinges and seals.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated).....	3,081.94	182.42
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated).....	4,228.21	182.42

08 35 **Folding Doors And Grilles (08 30)**

08 35 13 **Folding Doors (08 35)**

08 35 13 13 **Accordion Folding Doors (08 35 13)**

08 35 13 13-0001 **Accordion Folding Doors (08 35 13 13)**

Note: Includes track, fittings and hardware, complete.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	60.42	10.13
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	16.42	10.13
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	30.20	10.13
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	40.59	10.13

08 36 Panel Doors (08 30)

08 36 13 Sectional Doors (08 36)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0884 for forklift.

08 36 13 00-0001		Sectional Wood Overhead Doors (Width x Height) <small>(08 36 13)</small>		
08 36 13 00-0002		Wood Sectional Overhead Doors <small>(08 36 13 00-0001)</small>		
		Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,602.24	405.38
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,232.66	449.97
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,122.60	539.16
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	5,932.39	624.29
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,384.19	810.76
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,095.56	1,013.45
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	11,097.01	1,350.94

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors (08 36 13 00-0001)

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,342.94	202.69
		For Hardboard Face, Add	115.00	
		For Insulation, Add	117.00	
		For Motor Operator With Remote Controls, Add	431.42	
		For Each Glass Vision Panel In Door, Add	50.00	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,112.58	202.69
		For Hardboard Face, Add	115.00	
		For Insulation, Add	117.00	
		For Motor Operator With Remote Controls, Add	461.54	
		For Each Glass Vision Panel In Door, Add	50.00	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) (08 36 13)

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014)

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,562.55	354.71
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	123.70	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	213.28	
		For Aluminum, Mill Finish, Add	97.26	
		For Aluminum, Anodized Finish, Add	272.15	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,840.68	405.38
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	149.34	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	257.48	
		For Aluminum, Mill Finish, Add	117.41	
		For Aluminum, Anodized Finish, Add	328.54	
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,272.68	506.73
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	182.59	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	314.81	
		For Aluminum, Mill Finish, Add	143.55	
		For Aluminum, Anodized Finish, Add	401.69	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,761.94	405.38
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	137.92	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	237.80	
		For Aluminum, Mill Finish, Add	108.43	
		For Aluminum, Anodized Finish, Add	303.43	
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,171.84	506.73
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	167.97	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	289.60	
		For Aluminum, Mill Finish, Add	132.06	
		For Aluminum, Anodized Finish, Add	369.53	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,734.19	658.75
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	205.42	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	354.18	
		For Aluminum, Mill Finish, Add	161.50	
		For Aluminum, Anodized Finish, Add	451.93	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,234.39	810.76
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	233.86	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	403.22	
		For Aluminum, Mill Finish, Add	183.87	
		For Aluminum, Anodized Finish, Add	514.50	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,105.55	506.73
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	158.35	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	273.03	
		For Aluminum, Mill Finish, Add	124.50	
		For Aluminum, Anodized Finish, Add	348.38	
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,634.74	658.75
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	191.00	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	329.31	
		For Aluminum, Mill Finish, Add	150.17	
		For Aluminum, Anodized Finish, Add	420.20	

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0025	EA 12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,216.42	810.76
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	231.26	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	398.72	
	For Aluminum, Mill Finish, Add	181.82	
	For Aluminum, Anodized Finish, Add	508.77	
08 36 13 00-0026	EA 12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,795.35	962.78
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	271.12	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	467.45	
	For Aluminum, Mill Finish, Add	213.16	
	For Aluminum, Anodized Finish, Add	596.46	
08 36 13 00-0027	EA 12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,530.86	1,165.47
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	318.99	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	549.98	
	For Aluminum, Mill Finish, Add	250.79	
	For Aluminum, Anodized Finish, Add	701.78	
08 36 13 00-0028	EA 14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,503.52	658.75
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	171.97	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	296.51	
	For Aluminum, Mill Finish, Add	135.21	
	For Aluminum, Anodized Finish, Add	378.34	
08 36 13 00-0029	EA 14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,079.68	810.76
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	211.43	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	364.54	
	For Aluminum, Mill Finish, Add	166.23	
	For Aluminum, Anodized Finish, Add	465.15	
08 36 13 00-0030	EA 14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,801.38	1,013.45
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	257.30	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	443.62	
	For Aluminum, Mill Finish, Add	202.29	
	For Aluminum, Anodized Finish, Add	566.06	
08 36 13 00-0031	EA 14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,383.06	1,165.47
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	297.56	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	513.03	
	For Aluminum, Mill Finish, Add	233.94	
	For Aluminum, Anodized Finish, Add	654.63	
08 36 13 00-0032	EA 14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,037.96	1,317.49
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	348.43	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	600.75	
	For Aluminum, Mill Finish, Add	273.94	
	For Aluminum, Anodized Finish, Add	766.55	
08 36 13 00-0033	EA 16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,031.32	810.76
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	204.42	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	352.45	
	For Aluminum, Mill Finish, Add	160.72	
	For Aluminum, Anodized Finish, Add	449.72	
08 36 13 00-0034	EA 16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,750.26	1,013.45
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	249.89	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	430.84	
	For Aluminum, Mill Finish, Add	196.46	
	For Aluminum, Anodized Finish, Add	549.75	
08 36 13 00-0035	EA 16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,409.29	1,165.47
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	301.36	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	519.59	
	For Aluminum, Mill Finish, Add	236.93	
	For Aluminum, Anodized Finish, Add	663.00	
08 36 13 00-0036	EA 16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,245.16	1,317.49
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	378.48	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	652.55	
	For Aluminum, Mill Finish, Add	297.56	
	For Aluminum, Anodized Finish, Add	832.65	
08 36 13 00-0037	EA 16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,107.78	1,520.18
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	444.77	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	766.85	
	For Aluminum, Mill Finish, Add	349.68	
	For Aluminum, Anodized Finish, Add	978.50	
08 36 13 00-0038	EA 18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,856.65	1,013.45
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	265.31	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	457.44	
	For Aluminum, Mill Finish, Add	208.59	
	For Aluminum, Anodized Finish, Add	583.69	
08 36 13 00-0039	EA 18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,599.93	1,165.47
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	329.01	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	567.25	
	For Aluminum, Mill Finish, Add	258.67	
	For Aluminum, Anodized Finish, Add	723.81	
08 36 13 00-0040	EA 18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,549.05	1,317.49
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	422.54	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	728.52	
	For Aluminum, Mill Finish, Add	332.20	
	For Aluminum, Anodized Finish, Add	929.59	
08 36 13 00-0041	EA 18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,413.06	1,520.18
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	489.04	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	843.17	
	For Aluminum, Mill Finish, Add	384.49	
	For Aluminum, Anodized Finish, Add	1,075.88	
08 36 13 00-0042	EA 18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,362.70	1,722.87
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	567.95	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	979.23	
	For Aluminum, Mill Finish, Add	446.53	
	For Aluminum, Anodized Finish, Add	1,249.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0043 EA 20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,383.06	1,165.47
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	297.56	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	513.03	
<i>For Aluminum, Mill Finish, Add</i>	233.94	
<i>For Aluminum, Anodized Finish, Add</i>	654.63	
08 36 13 00-0044 EA 20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,126.37	1,317.49
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	361.25	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	622.85	
<i>For Aluminum, Mill Finish, Add</i>	284.02	
<i>For Aluminum, Anodized Finish, Add</i>	794.75	
08 36 13 00-0045 EA 20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,306.70	1,520.18
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	473.62	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	816.58	
<i>For Aluminum, Mill Finish, Add</i>	372.36	
<i>For Aluminum, Anodized Finish, Add</i>	1,041.96	
08 36 13 00-0046 EA 20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,170.69	1,722.87
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	540.11	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	931.23	
<i>For Aluminum, Mill Finish, Add</i>	424.64	
<i>For Aluminum, Anodized Finish, Add</i>	1,188.25	
08 36 13 00-0047 EA 20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,816.53	1,925.56
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	719.98	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,241.34	
<i>For Aluminum, Mill Finish, Add</i>	566.05	
<i>For Aluminum, Anodized Finish, Add</i>	1,583.95	
08 36 13 00-0048 EA 22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,883.25	1,317.49
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	326.00	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	562.07	
<i>For Aluminum, Mill Finish, Add</i>	256.30	
<i>For Aluminum, Anodized Finish, Add</i>	717.20	
08 36 13 00-0049 EA 22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,009.72	1,520.18
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	430.55	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	742.34	
<i>For Aluminum, Mill Finish, Add</i>	338.50	
<i>For Aluminum, Anodized Finish, Add</i>	947.22	
08 36 13 00-0050 EA 22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,108.54	1,722.87
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	531.10	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	915.69	
<i>For Aluminum, Mill Finish, Add</i>	417.56	
<i>For Aluminum, Anodized Finish, Add</i>	1,168.42	
08 36 13 00-0051 EA 22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,370.35	1,925.56
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	655.28	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,129.80	
<i>For Aluminum, Mill Finish, Add</i>	515.19	
<i>For Aluminum, Anodized Finish, Add</i>	1,441.62	
08 36 13 00-0052 EA 22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,431.83	2,128.26
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	750.42	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,293.83	
<i>For Aluminum, Mill Finish, Add</i>	589.99	
<i>For Aluminum, Anodized Finish, Add</i>	1,650.93	
08 36 13 00-0053 EA 24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,422.65	1,520.18
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	345.43	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	595.57	
<i>For Aluminum, Mill Finish, Add</i>	271.58	
<i>For Aluminum, Anodized Finish, Add</i>	759.94	
08 36 13 00-0054 EA 24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,591.91	1,722.87
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	456.19	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	786.54	
<i>For Aluminum, Mill Finish, Add</i>	358.66	
<i>For Aluminum, Anodized Finish, Add</i>	1,003.62	
08 36 13 00-0055 EA 24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,000.16	1,925.56
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	601.61	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,037.25	
<i>For Aluminum, Mill Finish, Add</i>	472.99	
<i>For Aluminum, Anodized Finish, Add</i>	1,323.53	
08 36 13 00-0056 EA 24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,940.08	2,128.26
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	679.12	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,170.90	
<i>For Aluminum, Mill Finish, Add</i>	533.93	
<i>For Aluminum, Anodized Finish, Add</i>	1,494.06	
08 36 13 00-0057 EA 24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,026.46	2,330.94
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	777.86	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,341.15	
<i>For Aluminum, Mill Finish, Add</i>	611.56	
<i>For Aluminum, Anodized Finish, Add</i>	1,711.30	
08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors <small>(08 36 13 00-0014)</small>		
Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.		
08 36 13 00-0059 EA 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,969.05	354.71
<i>For Aluminum, Mill Finish, Add</i>	143.60	
<i>For Aluminum, Anodized Finish, Add</i>	401.82	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	157.45	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	314.91	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	818.76	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,574.54	

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0060	EA		8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,345.24	405.38
			<i>For Aluminum, Mill Finish, Add</i>	174.93	
			<i>For Aluminum, Anodized Finish, Add</i>	489.50	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	191.81	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	383.62	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	997.41	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,918.10	
08 36 13 00-0061	EA		8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,881.38	506.73
			<i>For Aluminum, Mill Finish, Add</i>	212.94	
			<i>For Aluminum, Anodized Finish, Add</i>	595.87	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	233.49	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	466.98	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,214.15	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,334.91	
08 36 13 00-0062	EA		10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,289.21	405.38
			<i>For Aluminum, Mill Finish, Add</i>	168.54	
			<i>For Aluminum, Anodized Finish, Add</i>	471.63	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	184.81	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	369.61	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	960.99	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,848.06	
08 36 13 00-0063	EA		10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,812.35	506.73
			<i>For Aluminum, Mill Finish, Add</i>	205.07	
			<i>For Aluminum, Anodized Finish, Add</i>	573.85	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	224.86	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	449.73	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,169.29	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,248.63	
08 36 13 00-0064	EA		10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,576.19	658.75
			<i>For Aluminum, Mill Finish, Add</i>	257.49	
			<i>For Aluminum, Anodized Finish, Add</i>	720.53	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	282.34	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	564.68	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,468.16	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,823.38	
08 36 13 00-0065	EA		10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,153.78	810.76
			<i>For Aluminum, Mill Finish, Add</i>	288.68	
			<i>For Aluminum, Anodized Finish, Add</i>	807.79	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	316.53	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	633.06	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,645.96	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,165.31	
08 36 13 00-0066	EA		12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,706.85	506.73
			<i>For Aluminum, Mill Finish, Add</i>	193.05	
			<i>For Aluminum, Anodized Finish, Add</i>	540.19	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	211.68	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	423.35	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,100.71	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,116.75	
08 36 13 00-0067	EA		12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,376.91	658.75
			<i>For Aluminum, Mill Finish, Add</i>	234.77	
			<i>For Aluminum, Anodized Finish, Add</i>	656.95	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	257.43	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	514.86	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,338.62	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,574.28	
08 36 13 00-0068	EA		12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,118.62	810.76
			<i>For Aluminum, Mill Finish, Add</i>	284.67	
			<i>For Aluminum, Anodized Finish, Add</i>	796.57	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	312.14	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	624.27	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,623.11	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,121.36	
08 36 13 00-0069	EA		12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,817.33	962.78
			<i>For Aluminum, Mill Finish, Add</i>	329.66	
			<i>For Aluminum, Anodized Finish, Add</i>	922.47	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	361.47	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	722.94	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,879.65	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,614.71	
08 36 13 00-0070	EA		12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,847.94	1,165.47
			<i>For Aluminum, Mill Finish, Add</i>	400.94	
			<i>For Aluminum, Anodized Finish, Add</i>	1,121.93	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	439.63	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	879.25	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,286.06	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,396.26	
08 36 13 00-0071	EA		14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,221.90	658.75
			<i>For Aluminum, Mill Finish, Add</i>	217.10	
			<i>For Aluminum, Anodized Finish, Add</i>	607.51	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	238.05	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	476.10	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,237.87	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,380.51	
08 36 13 00-0072	EA		14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,994.87	810.76
			<i>For Aluminum, Mill Finish, Add</i>	270.56	
			<i>For Aluminum, Anodized Finish, Add</i>	757.10	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	296.67	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	593.34	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,542.67	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,966.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0073 EA 14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,862.67	1,013.45
For Aluminum, Mill Finish, Add	323.28	
For Aluminum, Anodized Finish, Add	904.61	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	354.47	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	708.94	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,843.24	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,544.70	
08 36 13 00-0074 EA 14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,728.09	1,165.47
For Aluminum, Mill Finish, Add	387.28	
For Aluminum, Anodized Finish, Add	1,083.69	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	424.65	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	849.29	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,208.15	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,246.45	
08 36 13 00-0075 EA 14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,572.72	1,317.49
For Aluminum, Mill Finish, Add	448.90	
For Aluminum, Anodized Finish, Add	1,256.14	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	492.22	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	984.44	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,559.53	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,922.18	
08 36 13 00-0076 EA 16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,860.71	810.76
For Aluminum, Mill Finish, Add	255.27	
For Aluminum, Anodized Finish, Add	714.30	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	279.90	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	559.80	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,455.47	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,798.98	
08 36 13 00-0077 EA 16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,966.88	1,013.45
For Aluminum, Mill Finish, Add	335.16	
For Aluminum, Anodized Finish, Add	937.85	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	367.50	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	734.99	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,910.98	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,674.96	
08 36 13 00-0078 EA 16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,798.44	1,165.47
For Aluminum, Mill Finish, Add	395.30	
For Aluminum, Anodized Finish, Add	1,106.14	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	433.44	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	866.88	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,253.88	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,334.39	
08 36 13 00-0079 EA 16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,635.23	1,317.49
For Aluminum, Mill Finish, Add	456.03	
For Aluminum, Anodized Finish, Add	1,276.08	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	500.03	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,000.06	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,600.16	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,000.31	
08 36 13 00-0080 EA 16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,843.02	1,520.18
For Aluminum, Mill Finish, Add	547.50	
For Aluminum, Anodized Finish, Add	1,532.04	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	600.33	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,200.66	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,121.72	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,003.30	
08 36 13 00-0081 EA 18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,461.46	1,013.45
For Aluminum, Mill Finish, Add	277.54	
For Aluminum, Anodized Finish, Add	776.62	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	304.32	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	608.64	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,582.46	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,043.19	
08 36 13 00-0082 EA 18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,520.98	1,165.47
For Aluminum, Mill Finish, Add	363.67	
For Aluminum, Anodized Finish, Add	1,017.63	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	398.76	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	797.51	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,073.53	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,987.56	
08 36 13 00-0083 EA 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,405.97	1,317.49
For Aluminum, Mill Finish, Add	429.89	
For Aluminum, Anodized Finish, Add	1,202.95	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	471.37	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	942.75	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,451.14	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,713.74	
08 36 13 00-0084 EA 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,975.88	1,520.18
For Aluminum, Mill Finish, Add	562.65	
For Aluminum, Anodized Finish, Add	1,574.42	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	616.94	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,233.88	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,208.08	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,169.38	
08 36 13 00-0085 EA 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,744.69	1,722.87
For Aluminum, Mill Finish, Add	604.08	
For Aluminum, Anodized Finish, Add	1,690.36	
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	662.37	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,324.73	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,444.30	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,623.65	

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,496.23	1,165.47
		<i>For Aluminum, Mill Finish, Add</i>	360.84	
		<i>For Aluminum, Anodized Finish, Add</i>	1,009.73	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	395.66	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	791.33	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,057.45	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,956.63	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,463.30	1,317.49
		<i>For Aluminum, Mill Finish, Add</i>	436.43	
		<i>For Aluminum, Anodized Finish, Add</i>	1,221.23	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	478.54	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	957.08	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,488.41	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,785.40	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,242.91	1,520.18
		<i>For Aluminum, Mill Finish, Add</i>	593.09	
		<i>For Aluminum, Anodized Finish, Add</i>	1,659.61	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	650.32	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,300.63	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,381.64	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	6,503.16	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,983.06	1,722.87
		<i>For Aluminum, Mill Finish, Add</i>	631.25	
		<i>For Aluminum, Anodized Finish, Add</i>	1,766.40	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	692.16	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,384.32	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,599.24	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	6,921.61	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,426.61	1,925.56
		<i>For Aluminum, Mill Finish, Add</i>	749.60	
		<i>For Aluminum, Anodized Finish, Add</i>	2,097.57	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	821.93	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,643.86	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,274.04	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	8,219.31	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,034.74	1,317.49
		<i>For Aluminum, Mill Finish, Add</i>	387.57	
		<i>For Aluminum, Anodized Finish, Add</i>	1,084.52	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	424.97	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	849.94	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,209.84	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,249.70	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,448.34	1,520.18
		<i>For Aluminum, Mill Finish, Add</i>	502.51	
		<i>For Aluminum, Anodized Finish, Add</i>	1,406.14	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	551.00	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,101.99	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,865.17	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,509.95	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,839.79	1,722.87
		<i>For Aluminum, Mill Finish, Add</i>	614.92	
		<i>For Aluminum, Anodized Finish, Add</i>	1,720.69	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	674.25	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,348.51	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,506.11	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	6,742.53	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,932.93	1,925.56
		<i>For Aluminum, Mill Finish, Add</i>	693.32	
		<i>For Aluminum, Anodized Finish, Add</i>	1,940.08	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	760.22	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,520.44	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,953.15	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,602.21	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,324.33	2,128.26
		<i>For Aluminum, Mill Finish, Add</i>	805.73	
		<i>For Aluminum, Anodized Finish, Add</i>	2,254.64	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	883.48	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,766.96	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,594.09	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	8,834.79	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,728.01	1,520.18
		<i>For Aluminum, Mill Finish, Add</i>	420.39	
		<i>For Aluminum, Anodized Finish, Add</i>	1,176.35	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	460.95	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	921.91	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,396.96	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,609.54	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,286.20	1,722.87
		<i>For Aluminum, Mill Finish, Add</i>	551.81	
		<i>For Aluminum, Anodized Finish, Add</i>	1,544.10	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	605.05	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,210.11	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,146.28	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	6,050.54	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,603.39	1,925.56
		<i>For Aluminum, Mill Finish, Add</i>	655.75	
		<i>For Aluminum, Anodized Finish, Add</i>	1,834.96	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	719.03	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,438.06	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,738.95	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,190.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....		10,997.39	2,128.26
		<i>For Aluminum, Mill Finish, Add</i>		768.46	
		<i>For Aluminum, Anodized Finish, Add</i>		2,150.34	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		842.61	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		1,685.22	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		4,381.58	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		8,426.11	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....		12,369.28	2,330.94
		<i>For Aluminum, Mill Finish, Add</i>		878.64	
		<i>For Aluminum, Anodized Finish, Add</i>		2,458.66	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		963.43	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		1,926.85	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		5,009.81	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>		9,634.25	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift		989.82	202.69
		<i>For Aluminum And Fiberglass, Add</i>		149.76	
		<i>For Each Glass Vision Panel In Door, Add</i>		50.00	
		<i>For Insulated Door, Add</i>		173.91	
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift		1,076.52	202.69
		<i>For Aluminum And Fiberglass, Add</i>		176.63	
		<i>For Each Glass Vision Panel In Door, Add</i>		50.00	
		<i>For Insulated Door, Add</i>		205.12	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift		1,377.38	231.88
		<i>For Aluminum And Fiberglass, Add</i>		247.67	
		<i>For Each Glass Vision Panel In Door, Add</i>		50.00	
		<i>For Insulated Door, Add</i>		287.61	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift		1,513.60	231.88
		<i>For Aluminum And Fiberglass, Add</i>		289.89	
		<i>For Each Glass Vision Panel In Door, Add</i>		50.00	
		<i>For Insulated Door, Add</i>		336.65	

08 36 13 00-0106 Remove And Reinstall Sectional Metal Overhead Doors And Supports (08 36 13 00-0013)

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports		14.51	
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08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) (08 36 13)

08 36 13 00-0109 Fiberglass Sectional Overhead Doors (08 36 13 00-0108)

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors (08 36 13 00-0109)

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		2,366.80	354.71
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		2,808.77	405.38
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		3,324.93	506.73
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		2,776.06	405.38
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		3,310.74	456.06
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,131.63	633.41
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,957.38	810.76
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		3,278.59	506.73
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,112.55	633.41
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,935.30	760.09
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		6,009.30	1,013.45
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		6,989.05	1,216.15
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		3,983.59	709.42
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,842.90	810.76
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		5,911.17	1,013.45
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		6,978.14	1,216.15
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		7,845.44	1,317.49
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		4,523.98	810.76
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		5,446.66	912.11
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		6,588.86	1,114.80
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		7,717.33	1,317.49
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....		8,643.17	1,418.83

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors (08 36 13 00-0109)

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....		2,913.70	354.71
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....		3,468.12	405.38
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....		4,087.72	506.73
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....		3,424.61	405.38
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....		4,102.32	456.06
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....		5,077.01	633.41
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....		6,058.38	810.76
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....		4,026.09	506.73
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....		5,051.64	633.41
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....		6,062.39	760.09
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....		7,323.49	1,013.45
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....		8,493.03	1,216.15
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....		4,830.03	709.42
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....		5,906.12	810.76

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,192.98	1,013.45
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,478.53	1,216.15
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,565.31	1,317.49
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,481.96	810.76
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,642.11	912.11
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,027.19	1,114.80
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,394.92	1,317.49
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	10,559.14	1,418.83

08 36 13 00-0156 Sectional Overhead Door Accessories (08 36 13)**08 36 13 00-0157 Sectional Overhead Door Accessories (08 36 13 00-0156)**

08 36 13 00-0158	LF	Molding, Draft Stop.....	3.65	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors.....	5.25	
08 36 13 00-0160	LF	Weather Strip At Door Bottom.....	3.00	
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors.....	310.48	
08 36 13 00-0162	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,639.12	
08 36 13 00-0163	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	21.95	
08 36 13 00-0164	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	13.69	
08 36 13 00-0165	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	22.95	
08 36 13 00-0166	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	15.64	
08 36 13 00-0167	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	36.91	
08 36 13 00-0168	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	24.91	
08 36 13 00-0169	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	498.48	
08 36 13 00-0170	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	775.36	
08 36 13 00-0171	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,152.86	
08 36 13 00-0172	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.43	
08 36 13 00-0173	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.84	
08 36 13 00-0174	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.43	

08 38 Traffic Doors (08 30)**08 38 13 Flexible Strip Doors (08 38)****08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors (08 38 13)**

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	20.52 0.73 1.54	6.08
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	28.60 1.04 2.17	8.10
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	18.37 0.93 1.94	5.07
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	23.78 1.16 2.44	5.57
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	19.86 1.18 2.47	5.07

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips (08 38 13)

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	70.10 2.35 4.93	28.58
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	73.63 2.70 5.67	28.58
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip..... For Cooler/Freezer Doors, USDA Grade, Add Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add	119.03 6.13 12.87	35.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				

08 38 13 00-0011	EA		12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i> <i>For Ribbed Strip Material, Add</i>	133.90 7.61 15.99		35.37				
08 38 13 00-0012	EA		12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i> <i>For Ribbed Strip Material, Add</i>	149.27 9.15 19.22		35.37				
08 38 13 00-0013	EA		16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i> <i>For Ribbed Strip Material, Add</i>	230.73 15.85 33.29		36.08				

08 38 16 Flexible Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001			0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) (08 38 16)							
08 38 16 00-0002			Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0001)							
08 38 16 00-0003			Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)							
08 38 16 00-0004	EA		72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	2,435.79		101.34				
08 38 16 00-0005	EA		72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	2,627.74		101.34				
08 38 16 00-0006	EA		96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,411.91		116.55				
08 38 16 00-0007	EA		96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,070.64		126.69				
08 38 16 00-0008	EA		108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	9,392.59		126.69				
08 38 16 00-0009	EA		108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	9,822.33		126.69				
08 38 16 00-0010	EA		120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	10,939.43		152.02				

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)

08 38 16 00-0012	EA		72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	2,703.02		101.34				
08 38 16 00-0013	EA		72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	2,916.78		101.34				
08 38 16 00-0014	EA		96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,396.24		116.55				
08 38 16 00-0015	EA		96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	7,050.60		126.69				
08 38 16 00-0016	EA		108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	10,516.47		126.69				
08 38 16 00-0017	EA		108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	10,953.60		126.69				
08 38 16 00-0018	EA		120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	12,198.00		152.02				

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliaison FMP) (08 38 16)

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020			Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)							
08 38 16 00-0021			84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)							
08 38 16 00-0022	EA		24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,223.53		55.74				
08 38 16 00-0023	EA		40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,317.20		55.74				

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)

08 38 16 00-0025	EA		24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,317.20		55.74				
08 38 16 00-0026	EA		40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,343.62		55.74				

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)

08 38 16 00-0028			84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)							
08 38 16 00-0029	EA		48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,416.63		96.28				
08 38 16 00-0030	EA		80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,603.98		96.28				

08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)

08 38 16 00-0032	EA		48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,603.98		96.28				
08 38 16 00-0033	EA		80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,656.82		96.28				

08 38 19 Rigid Traffic Doors (08 38)

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) <small>(08 38 19)</small>		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	611.05	55.74
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	654.29	55.74
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	676.17	58.28
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	702.59	58.28
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	734.11	60.81
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	791.76	60.81
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	823.74	68.41
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	685.51	55.74
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	719.14	55.74
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	743.42	58.28
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	762.64	58.28
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	832.59	60.81
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	847.00	60.81
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	876.58	68.41
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0019		Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>					
08 38 19 00-0021	EA		48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,191.69	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0022	EA		56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,278.16	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023	EA		60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,311.78	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024	EA		64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,364.62	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025	EA		72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,427.63	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0026	EA		80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,542.92	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027	EA		84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,576.55	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>					
08 38 19 00-0029	EA		48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,340.60	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0030	EA		56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,407.86	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031	EA		60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,446.29	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0032	EA		64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,484.72	96.28
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0033	EA		72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,624.59	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0034	EA		80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,653.41	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035	EA		84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,682.23	101.34
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0036			3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) <small>(08 38 19)</small>		
08 38 19 00-0037			Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small>		
08 38 19 00-0038			84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0039	EA		24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,053.00	55.74
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0040	EA		28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,165.88 6.00 19.00	55.74
08 38 19 00-0041	EA		30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,216.59 6.00 19.00	58.28
08 38 19 00-0042	EA		32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,264.62 6.00 19.00	58.28
08 38 19 00-0043	EA		36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,284.14 6.00 19.00	60.81
08 38 19 00-0044	EA		40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,382.61 6.00 19.00	60.81
08 38 19 00-0045	EA		42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,486.65 6.00 19.00	68.41
08 38 19 00-0046	EA		44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,503.46 6.00 19.00	68.41
08 38 19 00-0047			96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0037)</small>		
08 38 19 00-0048	EA		24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,149.07 6.00 19.00	55.74
08 38 19 00-0049	EA		28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,266.76 6.00 19.00	55.74
08 38 19 00-0050	EA		30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,317.46 6.00 19.00	58.28
08 38 19 00-0051	EA		32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,377.51 6.00 19.00	58.28
08 38 19 00-0052	EA		36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,425.84 6.00 19.00	60.81
08 38 19 00-0053	EA		40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,521.92 6.00 19.00	60.81
08 38 19 00-0054	EA		42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,575.52 6.00 19.00	68.41
08 38 19 00-0055	EA		44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,635.56 6.00 19.00	68.41
08 38 19 00-0056			Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0036)</small>		
08 38 19 00-0057			84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0056)</small>		
08 38 19 00-0058	EA		48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,075.57 6.00 19.00	96.28
08 38 19 00-0059	EA		56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,301.34 6.00 19.00	96.28
08 38 19 00-0060	EA		60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,392.61 6.00 19.00	96.28
08 38 19 00-0061	EA		64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,488.69 6.00 19.00	96.28
08 38 19 00-0062	EA		72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,527.68 6.00 19.00	101.34
08 38 19 00-0063	EA		80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,724.63 6.00 19.00	101.34
08 38 19 00-0064	EA		84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,902.37 6.00 19.00	101.34
08 38 19 00-0065	EA		88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,936.00 6.00 19.00	101.34
08 38 19 00-0066			96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0056)</small>		
08 38 19 00-0067	EA		48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,267.72 6.00 19.00	96.28
08 38 19 00-0068	EA		56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,503.10 6.00 19.00	96.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0069 EA 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,594.37 6.00 19.00	96.28
08 38 19 00-0070 EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,714.46 6.00 19.00	96.28
08 38 19 00-0071 EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,811.10 6.00 19.00	101.34
08 38 19 00-0072 EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,003.25 6.00 19.00	101.34
08 38 19 00-0073 EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,080.11 6.00 19.00	101.34
08 38 19 00-0074 EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,200.20 6.00 19.00	101.34
08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) <small>(08 38 19)</small> Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0078 EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,110.64 6.00 19.00	55.74
08 38 19 00-0079 EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,254.75 6.00 19.00	55.74
08 38 19 00-0080 EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,298.25 6.00 19.00	58.28
08 38 19 00-0081 EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,312.66 6.00 19.00	58.28
08 38 19 00-0082 EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,332.17 6.00 19.00	60.81
08 38 19 00-0083 EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,466.68 6.00 19.00	60.81
08 38 19 00-0084 EA 42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,592.33 6.00 19.00	68.41
08 38 19 00-0085 EA 44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,609.14 6.00 19.00	68.41
08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0087 EA 24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,141.86 6.00 19.00	55.74
08 38 19 00-0088 EA 28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,319.60 6.00 19.00	55.74
08 38 19 00-0089 EA 30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,365.50 6.00 19.00	58.28
08 38 19 00-0090 EA 32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,384.72 6.00 19.00	58.28
08 38 19 00-0091 EA 36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,394.62 6.00 19.00	60.81
08 38 19 00-0092 EA 40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,493.10 6.00 19.00	60.81
08 38 19 00-0093 EA 42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,616.35 6.00 19.00	68.41
08 38 19 00-0094 EA 44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,635.56 6.00 19.00	68.41
08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door2,190.86	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,479.08	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,555.94	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,584.76	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,623.75	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,892.76	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....3,113.73	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....3,147.36	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors		
		<small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,253.31	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,608.78	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,690.44	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,728.87	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,748.65	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....2,945.60	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....3,161.77	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	.....3,200.20	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2)		
		<small>(08 38 19)</small>		
		Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors		
		<small>(08 38 19 00-0114)</small>		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors		
		<small>(08 38 19 00-0115)</small>		
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,398.86	55.74
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,526.16	55.74
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,564.86	58.28
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,596.08	58.28
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,654.02	60.81
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	.....1,714.07	60.81
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 19 00-0123	EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,777.27	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0124	EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,818.11	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0125	96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact		
	Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0126	EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,506.94	55.74
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0127	EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,641.45	55.74
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0128	EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,682.55	58.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0129	EA 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,699.36	58.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0130	EA 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,752.50	60.81
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0131	EA 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,831.76	60.81
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0132	EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,885.36	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0133	EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,926.19	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0134	Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic		
	Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0135	84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact		
	Traffic Doors <small>(08 38 19 00-0134)</small>		
08 38 19 00-0136	EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	2,767.30	96.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0137	EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,021.90	96.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0138	EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,089.15	96.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0139	EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,151.60	96.28
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0140	EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,267.45	101.34
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0141	EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,387.54	101.34
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0142	EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,483.62	101.34
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0143	EA 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,565.28	101.34
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0144	96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact		
	Traffic Doors <small>(08 38 19 00-0134)</small>		

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0145	EA		48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	2,983.47	96.28
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0146	EA		56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,252.48	96.28
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0147	EA		60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,324.53	96.28
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0148	EA		64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,358.16	96.28
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0149	EA		72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,464.40	101.34
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0150	EA		80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,622.92	101.34
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0151	EA		84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,699.78	101.34
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0152	EA		88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	3,781.45	101.34
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0153			1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliaison HCP-10) (08 38 19) Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154			Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0153)		
08 38 19 00-0155			84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)		
08 38 19 00-0156	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,374.84	55.74
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0157	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,444.50	55.74
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0158	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,512.01	58.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0159	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,552.85	58.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0160	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,658.82	60.81
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0161	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,740.49	60.81
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0162	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,820.51	68.41
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0163	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,897.37	68.41
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0164			90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)		
08 38 19 00-0165	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,422.88	55.74
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0166	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,506.94	55.74
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0167	EA		30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,552.85	58.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0168	EA		32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,610.49	58.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0169	EA		36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,723.67	60.81
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0170	EA		40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,822.15	60.81
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0171	EA		42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,897.37 6.00 19.00	68.41
08 38 19 00-0172	EA		44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,969.42 6.00 19.00	68.41
08 38 19 00-0173			96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)		
08 38 19 00-0174	EA		24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,545.37 6.00 19.00	55.74
08 38 19 00-0175	EA		28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,562.19 6.00 19.00	55.74
08 38 19 00-0176	EA		30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,636.91 6.00 19.00	58.28
08 38 19 00-0177	EA		32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,689.75 6.00 19.00	58.28
08 38 19 00-0178	EA		36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,805.34 6.00 19.00	60.81
08 38 19 00-0179	EA		40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,923.03 6.00 19.00	60.81
08 38 19 00-0180	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,993.44 6.00 19.00	68.41
08 38 19 00-0181	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,065.50 6.00 19.00	68.41
08 38 19 00-0182			Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0153)		
08 38 19 00-0183			84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0182)		
08 38 19 00-0184	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,719.27 6.00 19.00	96.28
08 38 19 00-0185	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,858.57 6.00 19.00	96.28
08 38 19 00-0186	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,983.47 6.00 19.00	96.28
08 38 19 00-0187	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,065.13 6.00 19.00	96.28
08 38 19 00-0188	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,277.06 6.00 19.00	101.34
08 38 19 00-0189	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,440.38 6.00 19.00	101.34
08 38 19 00-0190	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,570.08 6.00 19.00	101.34
08 38 19 00-0191	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,723.80 6.00 19.00	101.34
08 38 19 00-0192			90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0182)		
08 38 19 00-0193	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,815.34 6.00 19.00	96.28
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,983.47 6.00 19.00	96.28
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,065.13 6.00 19.00	96.28
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,180.42 6.00 19.00	96.28
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,406.76 6.00 19.00	101.34
08 38 19 00-0198	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,603.71 6.00 19.00	101.34

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,723.80	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,867.91	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic		
		Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,060.33	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,093.95	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,233.26	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,338.94	96.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,570.08	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,805.47	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,915.95	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	4,060.06	101.34
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) <small>(08 38 19 00-0210)</small>		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic		
		Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,374.84	55.74
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,444.50	55.74
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,512.01	58.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,552.85	58.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,658.82	60.81
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,740.49	60.81
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,820.51	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,897.37	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic		
		Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,422.88	55.74
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,506.94	55.74
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,552.85	58.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,610.49	58.28
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,723.67	60.81
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0227	EA			40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,822.15 6.00 19.00	60.81
08 38 19 00-0228	EA			42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,897.37 6.00 19.00	68.41
08 38 19 00-0229	EA			44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,969.42 6.00 19.00	68.41
08 38 19 00-0230				96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0231	EA			24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,545.37 6.00 19.00	55.74
08 38 19 00-0232	EA			28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,562.19 6.00 19.00	55.74
08 38 19 00-0233	EA			30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,636.91 6.00 19.00	58.28
08 38 19 00-0234	EA			32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,689.75 6.00 19.00	58.28
08 38 19 00-0235	EA			36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,805.34 6.00 19.00	60.81
08 38 19 00-0236	EA			40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,923.03 6.00 19.00	60.81
08 38 19 00-0237	EA			42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,993.44 6.00 19.00	68.41
08 38 19 00-0238	EA			44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,065.50 6.00 19.00	68.41
08 38 19 00-0239				Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0240				84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0241	EA			48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,719.27 6.00 19.00	96.28
08 38 19 00-0242	EA			56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,858.57 6.00 19.00	96.28
08 38 19 00-0243	EA			60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,983.47 6.00 19.00	96.28
08 38 19 00-0244	EA			64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,065.13 6.00 19.00	96.28
08 38 19 00-0245	EA			72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,277.06 6.00 19.00	101.34
08 38 19 00-0246	EA			80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,440.38 6.00 19.00	101.34
08 38 19 00-0247	EA			84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,570.08 6.00 19.00	101.34
08 38 19 00-0248	EA			88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,723.80 6.00 19.00	101.34
08 38 19 00-0249				90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0250	EA			48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,815.34 6.00 19.00	96.28
08 38 19 00-0251	EA			56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,983.47 6.00 19.00	96.28
08 38 19 00-0252	EA			60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,065.13 6.00 19.00	96.28
08 38 19 00-0253	EA			64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,180.42 6.00 19.00	96.28
08 38 19 00-0254	EA			72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,406.76 6.00 19.00	101.34

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0255	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,603.71 6.00 19.00	101.34
08 38 19 00-0256	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,723.80 6.00 19.00	101.34
08 38 19 00-0257	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,867.91 6.00 19.00	101.34
08 38 19 00-0258			96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0259	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,060.33 6.00 19.00	96.28
08 38 19 00-0260	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,093.95 6.00 19.00	96.28
08 38 19 00-0261	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,233.26 6.00 19.00	96.28
08 38 19 00-0262	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,338.94 6.00 19.00	96.28
08 38 19 00-0263	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,570.08 6.00 19.00	101.34
08 38 19 00-0264	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,805.47 6.00 19.00	101.34
08 38 19 00-0265	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,915.95 6.00 19.00	101.34
08 38 19 00-0266	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,060.06 6.00 19.00	101.34
08 38 19 00-0267			Rigid Impact Traffic Door Accessories <small>(08 38 19)</small>		
08 38 19 00-0268			Bumper Strips For Impact Traffic Doors <small>(08 38 19 00-0267)</small> Note: Includes two bumpers per set.		
08 38 19 00-0269	SET		24" Wide, Bumper Strips For Impact Traffic Doors.....	129.41	40.54
08 38 19 00-0270	SET		30" Wide, Bumper Strips For Impact Traffic Doors.....	141.42	40.54
08 38 19 00-0271	SET		36" Wide, Bumper Strips For Impact Traffic Doors.....	151.03	40.54
08 38 19 00-0272	SET		48" Wide, Bumper Strips For Impact Traffic Doors.....	167.84	40.54
08 38 19 00-0273			Easy Spring Bumpers For Impact Traffic Doors <small>(08 38 19 00-0267)</small> Note: Includes two bumpers per set.		
08 38 19 00-0274	SET		18" Height, Easy Spring Bumpers For Impact Traffic Doors.....	323.96	40.54
08 38 19 00-0275	SET		24" Height, Easy Spring Bumpers For Impact Traffic Doors.....	424.84	40.54
08 38 19 00-0276	SET		36" Height, Easy Spring Bumpers For Impact Traffic Doors.....	619.39	40.54
08 38 19 00-0277	SET		42" Height, Easy Spring Bumpers For Impact Traffic Doors.....	713.06	40.54
08 38 19 00-0278	SET		48" Height, Easy Spring Bumpers For Impact Traffic Doors.....	809.13	40.54
08 38 19 00-0279			Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0267)</small> Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280			12" High, Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0279)</small>		
08 38 19 00-0281	SET		24" Wide x 12" High, Impact Traffic Door Scuff Plates.....	151.03	40.54
08 38 19 00-0282	SET		30" Wide x 12" High, Impact Traffic Door Scuff Plates.....	160.63	40.54
08 38 19 00-0283	SET		36" Wide x 12" High, Impact Traffic Door Scuff Plates.....	172.64	40.54
08 38 19 00-0284	SET		42" Wide x 12" High, Impact Traffic Door Scuff Plates.....	189.45	40.54
08 38 19 00-0285	SET		48" Wide x 12" High, Impact Traffic Door Scuff Plates.....	199.06	40.54
08 38 19 00-0286			24" High, Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0279)</small>		
08 38 19 00-0287	SET		24" Wide x 24" High, Impact Traffic Door Scuff Plates.....	199.06	40.54
08 38 19 00-0288	SET		30" Wide x 24" High, Impact Traffic Door Scuff Plates.....	242.30	40.54
08 38 19 00-0289	SET		36" Wide x 24" High, Impact Traffic Door Scuff Plates.....	266.31	40.54
08 38 19 00-0290	SET		42" Wide x 24" High, Impact Traffic Door Scuff Plates.....	299.94	40.54
08 38 19 00-0291	SET		48" Wide x 24" High, Impact Traffic Door Scuff Plates.....	321.56	40.54
08 38 19 00-0292			30" High, Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0279)</small>		
08 38 19 00-0293	SET		24" Wide x 30" High, Impact Traffic Door Scuff Plates.....	242.30	40.54
08 38 19 00-0294	SET		30" Wide x 30" High, Impact Traffic Door Scuff Plates.....	280.72	40.54
08 38 19 00-0295	SET		36" Wide x 30" High, Impact Traffic Door Scuff Plates.....	309.55	40.54
08 38 19 00-0296	SET		42" Wide x 30" High, Impact Traffic Door Scuff Plates.....	362.39	40.54
08 38 19 00-0297	SET		48" Wide x 30" High, Impact Traffic Door Scuff Plates.....	398.42	40.54
08 38 19 00-0298			36" High, Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0279)</small>		
08 38 19 00-0299	SET		24" Wide x 36" High, Impact Traffic Door Scuff Plates.....	266.31	40.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 19 00-0300	SET		30" Wide x 36" High, Impact Traffic Door Scuff Plates	309.55	40.54
08 38 19 00-0301	SET		36" Wide x 36" High, Impact Traffic Door Scuff Plates	357.58	40.54
08 38 19 00-0302	SET		42" Wide x 36" High, Impact Traffic Door Scuff Plates	384.00	40.54
08 38 19 00-0303	SET		48" Wide x 36" High, Impact Traffic Door Scuff Plates	424.84	40.54
08 38 19 00-0304			48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0305	SET		24" Wide x 48" High, Impact Traffic Door Scuff Plates	321.56	40.54
08 38 19 00-0306	SET		30" Wide x 48" High, Impact Traffic Door Scuff Plates	398.42	40.54
08 38 19 00-0307	SET		36" Wide x 48" High, Impact Traffic Door Scuff Plates	424.84	40.54
08 38 19 00-0308	SET		42" Wide x 48" High, Impact Traffic Door Scuff Plates	475.27	40.54
08 38 19 00-0309	SET		48" Wide x 48" High, Impact Traffic Door Scuff Plates	530.52	40.54
08 38 19 00-0310			Base Plates For Impact Traffic Doors (08 38 19 00-0267)		
			Note: Includes two base plates per set.		
08 38 19 00-0311			Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0312			12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0313	SET		24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	146.22	40.54
08 38 19 00-0314	SET		30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	155.83	40.54
08 38 19 00-0315	SET		36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	160.63	40.54
08 38 19 00-0316	SET		42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	182.25	40.54
08 38 19 00-0317	SET		48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	191.86	40.54
08 38 19 00-0318			24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0319	SET		24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	182.25	40.54
08 38 19 00-0320	SET		30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	196.66	40.54
08 38 19 00-0321	SET		36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	211.07	40.54
08 38 19 00-0322	SET		42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	223.08	40.54
08 38 19 00-0323	SET		48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	242.30	40.54
08 38 19 00-0324			30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0325	SET		24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	206.27	40.54
08 38 19 00-0326	SET		30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	218.28	40.54
08 38 19 00-0327	SET		36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	247.10	40.54
08 38 19 00-0328	SET		42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	278.32	40.54
08 38 19 00-0329	SET		48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	292.73	40.54
08 38 19 00-0330			36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0331	SET		24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	218.28	40.54
08 38 19 00-0332	SET		30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	242.30	40.54
08 38 19 00-0333	SET		36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	278.32	40.54
08 38 19 00-0334	SET		42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	307.15	40.54
08 38 19 00-0335	SET		48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	323.96	40.54
08 38 19 00-0336			48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0337	SET		24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	273.52	40.54
08 38 19 00-0338	SET		30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	307.15	40.54
08 38 19 00-0339	SET		36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	352.78	40.54
08 38 19 00-0340	SET		42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	374.40	40.54
08 38 19 00-0341	SET		48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	403.22	40.54
08 38 19 00-0342			Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0343			12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0344	SET		24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	189.45	40.54
08 38 19 00-0345	SET		30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	199.06	40.54
08 38 19 00-0346	SET		36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	227.88	40.54
08 38 19 00-0347	SET		42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	242.30	40.54
08 38 19 00-0348	SET		48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	283.13	40.54
08 38 19 00-0349			24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0350	SET		24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	256.71	40.54
08 38 19 00-0351	SET		30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	299.94	40.54
08 38 19 00-0352	SET		36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	343.17	40.54
08 38 19 00-0353	SET		42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	396.01	40.54
08 38 19 00-0354	SET		48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	444.05	40.54
08 38 19 00-0355			30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0356	SET		24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	290.33	40.54
08 38 19 00-0357	SET		30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	347.98	40.54
08 38 19 00-0358	SET		36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	400.82	40.54

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	456.06	40.54
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	520.91	40.54
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08		
		36 19 00-0342)		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	333.57	40.54
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	396.01	40.54
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	468.07	40.54
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	537.72	40.54
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	597.77	40.54
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08		
		36 19 00-0342)		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	410.42	40.54
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	559.34	40.54
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	597.77	40.54
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	713.06	40.54
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	780.31	40.54
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For		
		Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates		
		For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	170.24	40.54
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	182.25	40.54
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	196.66	40.54
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	213.47	40.54
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	239.89	40.54
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates		
		For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	223.08	40.54
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	251.90	40.54
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	280.72	40.54
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	311.95	40.54
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	347.98	40.54
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates		
		For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	251.90	40.54
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	287.93	40.54
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	328.76	40.54
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	379.20	40.54
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	412.83	40.54
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates		
		For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	280.72	40.54
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	328.76	40.54
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	379.20	40.54
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	429.64	40.54
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	465.67	40.54
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates		
		For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	347.98	40.54
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	422.43	40.54
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	465.67	40.54
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	552.13	40.54
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	576.15	40.54
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors (08 38 19 00-0267)		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	230.82	50.68
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	302.87	50.68
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors.....	567.08	50.68
08 38 19 00-0408		Other Impact Traffic Door Accessories (08 38 19 00-0267)		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	63.76	25.33
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	80.57	25.33
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	183.85	25.33
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	227.09	25.33
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors.....	97.39	25.33

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

08 38 19 00-0414	Impact Traffic Door Knock Down Frames <small>(08 38 19)</small>		
	Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415	Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
08 38 19 00-0416	84" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0417	EA 24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	581.01	76.01
08 38 19 00-0418	EA 28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	677.93	83.61
08 38 19 00-0419	EA 30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	696.21	88.68
08 38 19 00-0420	EA 32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	718.56	96.28
08 38 19 00-0421	EA 36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	737.89	101.34
08 38 19 00-0422	EA 40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	770.06	106.41
08 38 19 00-0423	EA 42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	794.94	111.48
08 38 19 00-0424	EA 44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	813.14	116.55
08 38 19 00-0425	90" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0426	EA 24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	591.73	76.01
08 38 19 00-0427	EA 28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	690.68	83.61
08 38 19 00-0428	EA 30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	709.19	88.68
08 38 19 00-0429	EA 32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	731.71	96.28
08 38 19 00-0430	EA 36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	751.27	101.34
08 38 19 00-0431	EA 40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	783.99	106.41
08 38 19 00-0432	EA 42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	809.23	111.48
08 38 19 00-0433	EA 44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	827.64	116.55
08 38 19 00-0434	96" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0435	EA 24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	605.97	76.01
08 38 19 00-0436	EA 28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	707.64	83.61
08 38 19 00-0437	EA 30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	726.41	88.68
08 38 19 00-0438	EA 32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	744.95	96.28
08 38 19 00-0439	EA 36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	769.05	101.34
08 38 19 00-0440	EA 40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	797.92	106.41
08 38 19 00-0441	EA 42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	828.23	111.48
08 38 19 00-0442	EA 44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	847.96	114.01
08 38 19 00-0443	Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
08 38 19 00-0444	84" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0445	EA 48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	825.51	116.55
08 38 19 00-0446	EA 56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	840.41	118.57
08 38 19 00-0447	EA 60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	856.06	121.62
08 38 19 00-0448	EA 64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	880.00	126.69
08 38 19 00-0449	EA 72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	896.74	131.75
08 38 19 00-0450	EA 80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	923.75	132.77
08 38 19 00-0451	EA 84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	942.68	134.29
08 38 19 00-0452	EA 88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	966.17	136.82
08 38 19 00-0453	90" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0454	EA 48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	840.30	116.55
08 38 19 00-0455	EA 56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	855.42	118.57
08 38 19 00-0456	EA 60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	871.39	121.62
08 38 19 00-0457	EA 64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	895.66	126.69
08 38 19 00-0458	EA 72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	912.59	131.75
08 38 19 00-0459	EA 80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	940.20	132.77
08 38 19 00-0460	EA 84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	959.52	134.29
08 38 19 00-0461	EA 88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	983.48	136.82
08 38 19 00-0462	96" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0463	EA 48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	857.57	116.55
08 38 19 00-0464	EA 56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	870.41	118.57
08 38 19 00-0465	EA 60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	891.73	121.62
08 38 19 00-0466	EA 64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	911.32	126.69
08 38 19 00-0467	EA 72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	933.61	131.75
08 38 19 00-0468	EA 80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	964.46	132.77
08 38 19 00-0469	EA 84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	981.91	134.29
08 38 19 00-0470	EA 88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,005.02	136.82

08 40 Entrances, Storefronts, And Curtain Walls (08)

08 42 Entrances (08 40)

08 42 13 Aluminum-Framed Entrances (08 42)

08 42 13 00-0001 Aluminum Framed Entrance Doors (08 42 13)

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2242 for closer.

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors (Special-Lite SL-14)	4,812.79	621.80
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	446.26	
		For 10' High Door, Add	970.14	
		For 1" Insulated Glazing, Add	66.06	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors (Special-Lite SL-14)	4,837.94	621.80
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	449.16	
		For 10' High Door, Add	976.43	
		For 1" Insulated Glazing, Add	66.06	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors (Special-Lite SL-14)	8,119.34	932.53
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	773.23	
		For 10' High Door, Add	1,680.94	
		For 1" Insulated Glazing, Add	132.13	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors (Special-Lite SL-14)	9,356.50	932.53
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	915.51	
		For 10' High Door, Add	1,990.23	
		For 1" Insulated Glazing, Add	132.13	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors (Special-Lite SL-15)	5,340.85	621.80
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	506.99	
		For 10' High Door, Add	1,102.15	
		For 1" Insulated Glazing, Add	66.06	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors (Special-Lite SL-15)	5,398.68	621.80
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	513.64	
		For 10' High Door, Add	1,116.61	
		For 1" Insulated Glazing, Add	66.06	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors (Special-Lite SL-15)	9,117.62	932.53
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	888.04	
		For 10' High Door, Add	1,930.51	
		For 1" Insulated Glazing, Add	132.13	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors (Special-Lite SL-15)	10,325.64	932.53
		Note: Including Glazing, Trim And Hardware		
		For 8' High Door, Add	1,026.96	
		For 10' High Door, Add	2,232.52	
		For 1" Insulated Glazing, Add	132.13	

08 42 26 All-Glass Entrances (08 42)**08 42 26 00-0001 Full Glass Entrance Doors (08 42 26)**

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door	4,179.44	233.06
		Note: Including Trim And Hardware		
		For Anodized Color, Add	584.50	
		For Stainless Steel, Add	2,110.68	
		For 8' High Door, Add	373.43	
		For 10' High Door, Add	811.80	
		For 1" Insulated Glazing, Add	66.06	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")	7,462.88	279.67
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,103.60	
		For Stainless Steel, Add	3,985.22	
		For 8' High Door, Add	705.08	
		For 10' High Door, Add	1,532.78	
		For 1" Insulated Glazing, Add	132.13	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door	4,764.43	233.06
		Note: Including Trim And Hardware		
		For Anodized Color, Add	689.79	
		For Stainless Steel, Add	2,490.92	
		For 8' High Door, Add	440.70	
		For 10' High Door, Add	958.05	
		For 1" Insulated Glazing, Add	66.06	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	8,722.43	279.67
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,330.32	
		For Stainless Steel, Add	4,803.93	
		For 8' High Door, Add	849.93	
		For 10' High Door, Add	1,847.67	
		For 1" Insulated Glazing, Add	132.13	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door	5,347.14	233.06
		Note: Including Trim And Hardware		
		For Anodized Color, Add	794.68	
		For Stainless Steel, Add	2,869.69	
		For 8' High Door, Add	507.71	
		For 10' High Door, Add	1,103.73	
		For 1" Insulated Glazing, Add	66.06	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	9,979.91	279.67
		Note: Including Trim And Hardware		
		For Anodized Color, Add	1,556.67	
		For Stainless Steel, Add	5,621.29	
		For 8' High Door, Add	994.54	
		For 10' High Door, Add	2,162.04	
		For 1" Insulated Glazing, Add	132.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0008	EA		3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door.....	6,514.82	233.06
			Note: Including Trim And Hardware		
			For Anodized Color, Add	1,004.86	
			For Stainless Steel, Add	3,628.68	
			For 8' High Door, Add	642.00	
			For 10' High Door, Add	1,395.65	
			For 1" Insulated Glazing, Add	66.06	
08 42 26 00-0009	PR		6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	12,496.93	279.67
			Note: Including Trim And Hardware		
			For Anodized Color, Add	2,009.73	
			For Stainless Steel, Add	7,257.35	
			For 8' High Door, Add	1,283.99	
			For 10' High Door, Add	2,791.29	
			For 1" Insulated Glazing, Add	132.13	
08 42 26 00-0010			Frames For Full Glass Doors (08 42 26)		
08 42 26 00-0011	LF		Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	22.44	2.80
08 42 26 00-0012	LF		Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	29.08	3.73
08 42 29			Automatic Entrances (08 42)		
08 42 29 23			Sliding Automatic Entrances (08 42 29)		
			Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 42 29 23-0001			Bronze Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0002			2 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001)		
			Note: Single sliding.		
08 42 29 23-0003	EA		5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,927.81	93.23
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	130.60	
			For Emergency Egress On All Panels, Add	348.27	
08 42 29 23-0004	EA		6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,148.90	125.85
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	142.29	
			For Emergency Egress On All Panels, Add	379.44	
08 42 29 23-0005	EA		7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,338.49	139.83
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	154.41	
			For Emergency Egress On All Panels, Add	411.76	
08 42 29 23-0006	EA		8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,522.88	153.82
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	166.14	
			For Emergency Egress On All Panels, Add	443.05	
08 42 29 23-0007	EA		10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,310.28	186.45
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	220.30	
			For Emergency Egress On All Panels, Add	587.48	
08 42 29 23-0008	EA		12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,444.88	219.08
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	225.50	
			For Emergency Egress On All Panels, Add	601.34	
08 42 29 23-0009	EA		15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,593.12	251.70
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	306.73	
			For Emergency Egress On All Panels, Add	817.94	
08 42 29 23-0010			4 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001)		
			Note: Bi-parting.		
08 42 29 23-0011	EA		12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,874.02	233.06
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	255.59	
			For Emergency Egress On All Panels, Add	681.58	
08 42 29 23-0012	EA		14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,247.91	256.37
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	280.14	
			For Emergency Egress On All Panels, Add	747.04	
08 42 29 23-0013	EA		16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,621.81	279.67
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	304.68	
			For Emergency Egress On All Panels, Add	812.49	
08 42 29 23-0014	EA		18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	5,577.93	302.98
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	372.90	
			For Emergency Egress On All Panels, Add	994.39	
08 42 29 23-0015	EA		20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	6,534.05	326.19
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	441.11	
			For Emergency Egress On All Panels, Add	1,176.30	
08 42 29 23-0016			Aluminum Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0017			2 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016)		
			Note: Single sliding.		
08 42 29 23-0018	EA		5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,763.75	93.23
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	118.30	
			For Emergency Egress On All Panels, Add	315.46	
08 42 29 23-0019	EA		6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,970.18	125.85
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	128.89	
			For Emergency Egress On All Panels, Add	343.70	
08 42 29 23-0020	EA		7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,141.52	139.83
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	139.64	
			For Emergency Egress On All Panels, Add	372.37	
08 42 29 23-0021	EA		8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,314.18	153.82
			For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	150.49	
			For Emergency Egress On All Panels, Add	401.31	

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 42 29 23-0022	EA 10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,033.57 199.55 532.13	186.45
08 42 29 23-0023	EA 12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,161.62 204.26 544.69	219.08
08 42 29 23-0024	EA 15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,207.88 277.84 740.89	251.70
08 42 29 23-0025	4 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016) Note: Bi-parting.		
08 42 29 23-0026	EA 12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,552.99 231.52 617.37	233.06
08 42 29 23-0027	EA 14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,896.03 263.75 676.66	256.37
08 42 29 23-0028	EA 16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,239.08 275.98 735.95	279.67
08 42 29 23-0029	EA 18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,109.54 337.77 900.72	302.98
08 42 29 23-0030	EA 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,980.00 399.56 1,065.49	326.19
08 42 29 23-0031	Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0032	2 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Single sliding.		
08 42 29 23-0033	EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,205.08 151.40 403.73	93.23
08 42 29 23-0034	EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,451.01 164.95 439.86	125.85
08 42 29 23-0035	EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,847.64 192.60 513.59	139.83
08 42 29 23-0036	EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,266.65 221.93 591.80	153.82
08 42 29 23-0037	EA 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,778.03 255.38 681.03	186.45
08 42 29 23-0038	EA 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,923.64 261.41 697.10	219.08
08 42 29 23-0039	EA 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,244.39 355.57 948.20	251.70
08 42 29 23-0040	4 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Bi-parting.		
08 42 29 23-0041	EA 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,416.69 296.29 790.11	233.06
08 42 29 23-0042	EA 14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,842.68 324.75 865.99	256.37
08 42 29 23-0043	EA 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,268.67 353.20 941.86	279.67
08 42 29 23-0044	EA 18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	6,369.64 432.28 1,152.74	302.98
08 42 29 23-0045	EA 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,470.62 511.35 1,363.61	326.29
08 42 29 23-0046	Accessories For Sliding Automatic Entrances (08 42 29 23)		
	See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	5,057.47	1,013.45
08 42 29 23-0048	EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	8,417.16	1,520.18
08 42 29 33	Swinging Automatic Entrances (08 42 29) Note: Excludes glazing.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0001			Swing Door Operators, Up To 350 LB Panel Weight <small>(08 42 29 33)</small> Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA		Concealed Single Door Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	3,077.79	524.93
08 42 29 33-0003	EA		Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	5,106.37	699.94
08 42 29 33-0004	EA		Exposed Single Door Swing Door Operator, Up To 350 LB Panel	2,544.18	419.94
08 42 29 33-0005	EA		Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	4,457.89	629.91
08 42 29 33-0006			Activation Devices For Door Operators <small>(08 42 29 33)</small>		
08 42 29 33-0007	EA		Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	403.17	41.99
08 42 29 33-0008	EA		On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)..... Note: Includes wiring harness and relays.	357.92	41.99
08 42 29 33-0009	EA		Microwave Motion Sensor For Door Operator (MS Sedco D38)..... Note: Includes wiring harness and relays.	361.53	41.99
08 42 29 33-0010	EA		4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H)..... Note: Excludes wiring from operator to push plate.	144.64	41.99
08 42 29 33-0011	EA		1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H)..... Note: Excludes wiring from operator to push button.	153.44	41.99
08 42 29 33-0012	EA		1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425)..... Note: Excludes wiring from operator to push button.	123.73	41.99
08 42 29 33-0013	EA		Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	618.86	104.99
08 42 29 33-0014	EA		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct -64.00 Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)	869.30	52.49
08 42 29 33-0015	EA		Note: Includes wiring harness and relays. Guard Rail For Door With Operator	193.05	52.49
08 42 33			Revolving Door Entrances <small>(08 42)</small>		
08 42 33 00-0001			Aluminum Revolving Doors <small>(08 42 33)</small> Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 7,648.83 For Powder Coated, Add 1,271.85	32,288.90	5,088.72
08 42 33 00-0003	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 9,048.24 For Powder Coated, Add 1,598.23	43,671.02	7,633.21
08 42 33 00-0004	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 9,887.89 For Powder Coated, Add 2,826.34	66,381.62	9,159.80
08 42 33 00-0005	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 7,934.42 For Powder Coated, Add 1,424.33	35,932.93	5,597.55
08 42 33 00-0006	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 9,429.90 For Powder Coated, Add 1,789.84	48,353.69	8,396.78
08 42 33 00-0007	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... For Automatic Controls, Add 10,447.65 For Powder Coated, Add 3,165.19	74,139.06	10,075.78
08 42 33 00-0008			Stainless Steel Revolving Doors <small>(08 42 33)</small> Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 7,648.83	33,132.00	5,088.72
08 42 33 00-0010	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 9,048.24	44,730.47	7,633.21
08 42 33 00-0011	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 9,887.89	68,255.17	9,159.80
08 42 33 00-0012	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 7,934.42	36,879.36	5,597.55
08 42 33 00-0013	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 9,429.90	49,542.98	8,396.78
08 42 33 00-0014	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware..... For Automatic Controls, Add 10,447.65	76,242.23	10,075.78
08 42 33 00-0015			Bronze Revolving Doors <small>(08 42 33)</small> Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 7,648.83	30,158.70	5,088.72
08 42 33 00-0017	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 9,048.24	40,994.18	7,633.21
08 42 33 00-0018	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 9,887.89	61,647.85	9,159.80
08 42 33 00-0019	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 7,934.42	33,549.26	5,597.55
08 42 33 00-0020	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 9,429.90	45,358.35	8,396.78
08 42 33 00-0021	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add 10,447.65	68,842.03	10,075.78

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 42 36 Balanced Door Entrances (08 42)

08 42 36 00-0001	Balanced Doors, With Glass (08 42 36) Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA 2'-6" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	14,639.71 -3,482.61 1,393.04 696.52 -4,179.13	283.62
08 42 36 00-0003	EA 3'-0" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	15,205.43 -3,624.04 1,449.62 724.81 -4,348.85	283.62
08 42 36 00-0004	EA 3'-6" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	16,579.40 -3,967.53 1,587.01 793.51 -4,761.04	283.62
08 42 36 00-0005	EA 4'-0" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	18,195.88 -4,371.65 1,748.66 874.33 -5,245.98	283.62
08 42 36 00-0006	PR Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	30,339.96 -7,248.08 2,899.23 1,449.62 -8,697.70	539.05

08 43 Storefronts (08 40)**08 43 13 Aluminum-Framed Storefronts (08 43)**

08 43 13 00-0001	Aluminum Storefront Framing Assembly (08 43 13) Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.		
08 43 13 00-0002	1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0003	SF 5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	19.45 0.54 1.63	6.84
08 43 13 00-0004	SF 6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	17.49 0.49 1.47	6.17
08 43 13 00-0005	SF 7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	16.07 0.45 1.34	5.67
08 43 13 00-0006	SF 8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	15.03 0.42 1.25	5.31
08 43 13 00-0007	SF 9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	14.22 0.40 1.19	5.03
08 43 13 00-0008	SF 10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	13.56 0.38 1.13	4.81
08 43 13 00-0009	SF 11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	13.02 0.36 1.08	4.63
08 43 13 00-0010	SF 12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	12.58 0.35 1.05	4.47
08 43 13 00-0011	1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0012	SF 5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	25.37 0.71 2.13	8.95
08 43 13 00-0013	SF 6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	22.39 0.63 1.88	7.93
08 43 13 00-0014	SF 7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	20.37 0.57 1.70	7.18

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 43 13 00-0015	SF		8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.78	6.62
			<i>For Various Color Class I Anodized Finish, Add</i>	0.52	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.57	
08 43 13 00-0016	SF		9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.55	6.16
			<i>For Various Color Class I Anodized Finish, Add</i>	0.49	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.46	
08 43 13 00-0017	SF		10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	16.51	5.88
			<i>For Various Color Class I Anodized Finish, Add</i>	0.46	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.38	
08 43 13 00-0018	SF		11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.76	5.59
			<i>For Various Color Class I Anodized Finish, Add</i>	0.44	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.31	
08 43 13 00-0019	SF		12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.07	5.31
			<i>For Various Color Class I Anodized Finish, Add</i>	0.42	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.25	

08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0021	SF		5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.32	11.00
			<i>For Various Color Class I Anodized Finish, Add</i>	0.88	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.63	
08 43 13 00-0022	SF		6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.41	9.60
			<i>For Various Color Class I Anodized Finish, Add</i>	0.77	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.30	
08 43 13 00-0023	SF		7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.59	8.67
			<i>For Various Color Class I Anodized Finish, Add</i>	0.69	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.06	
08 43 13 00-0024	SF		8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.47	7.93
			<i>For Various Color Class I Anodized Finish, Add</i>	0.63	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.88	
08 43 13 00-0025	SF		9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.77	7.36
			<i>For Various Color Class I Anodized Finish, Add</i>	0.58	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.74	
08 43 13 00-0026	SF		10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	19.49	6.90
			<i>For Various Color Class I Anodized Finish, Add</i>	0.54	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.63	
08 43 13 00-0027	SF		11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.42	6.53
			<i>For Various Color Class I Anodized Finish, Add</i>	0.51	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.54	
08 43 13 00-0028	SF		12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.54	6.25
			<i>For Various Color Class I Anodized Finish, Add</i>	0.49	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.46	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF		5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.09	7.18
			<i>For Various Color Class I Anodized Finish, Add</i>	0.56	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.67	
08 43 13 00-0031	SF		6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.08	6.43
			<i>For Various Color Class I Anodized Finish, Add</i>	0.50	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.49	
08 43 13 00-0032	SF		7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	16.54	5.97
			<i>For Various Color Class I Anodized Finish, Add</i>	0.46	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.37	
08 43 13 00-0033	SF		8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.45	5.59
			<i>For Various Color Class I Anodized Finish, Add</i>	0.42	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.27	
08 43 13 00-0034	SF		9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	14.58	5.22
			<i>For Various Color Class I Anodized Finish, Add</i>	0.40	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.20	
08 43 13 00-0035	SF		10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	13.97	5.03
			<i>For Various Color Class I Anodized Finish, Add</i>	0.38	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.14	
08 43 13 00-0036	SF		11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	13.32	4.85
			<i>For Various Color Class I Anodized Finish, Add</i>	0.36	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.09	
08 43 13 00-0037	SF		12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	12.91	4.66
			<i>For Various Color Class I Anodized Finish, Add</i>	0.35	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.05	

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 43 Storefronts**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0038			2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0039	SF		5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.78	9.70
			For Various Color Class I Anodized Finish, Add	0.72	
			For Black Color Class I Anodized Finish, Add	2.17	
08 43 13 00-0040	SF		6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.57	8.58
			For Various Color Class I Anodized Finish, Add	0.64	
			For Black Color Class I Anodized Finish, Add	1.91	
08 43 13 00-0041	SF		7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.32	7.74
			For Various Color Class I Anodized Finish, Add	0.57	
			For Black Color Class I Anodized Finish, Add	1.72	
08 43 13 00-0042	SF		8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	19.61	7.18
			For Various Color Class I Anodized Finish, Add	0.53	
			For Black Color Class I Anodized Finish, Add	1.58	
08 43 13 00-0043	SF		9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.35	6.71
			For Various Color Class I Anodized Finish, Add	0.49	
			For Black Color Class I Anodized Finish, Add	1.47	
08 43 13 00-0044	SF		10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.22	6.34
			For Various Color Class I Anodized Finish, Add	0.46	
			For Black Color Class I Anodized Finish, Add	1.39	
08 43 13 00-0045	SF		11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	16.36	5.97
			For Various Color Class I Anodized Finish, Add	0.44	
			For Black Color Class I Anodized Finish, Add	1.32	
08 43 13 00-0046	SF		12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.66	5.68
			For Various Color Class I Anodized Finish, Add	0.42	
			For Black Color Class I Anodized Finish, Add	1.26	
08 43 13 00-0047			2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0048	SF		5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.26	11.56
			For Various Color Class I Anodized Finish, Add	0.89	
			For Black Color Class I Anodized Finish, Add	2.67	
08 43 13 00-0049	SF		6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.21	10.07
			For Various Color Class I Anodized Finish, Add	0.78	
			For Black Color Class I Anodized Finish, Add	2.33	
08 43 13 00-0050	SF		7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.26	9.04
			For Various Color Class I Anodized Finish, Add	0.69	
			For Black Color Class I Anodized Finish, Add	2.08	
08 43 13 00-0051	SF		8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.12	8.30
			For Various Color Class I Anodized Finish, Add	0.63	
			For Black Color Class I Anodized Finish, Add	1.90	
08 43 13 00-0052	SF		9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.39	7.65
			For Various Color Class I Anodized Finish, Add	0.58	
			For Black Color Class I Anodized Finish, Add	1.75	
08 43 13 00-0053	SF		10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.01	7.18
			For Various Color Class I Anodized Finish, Add	0.55	
			For Black Color Class I Anodized Finish, Add	1.64	
08 43 13 00-0054	SF		11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.93	6.80
			For Various Color Class I Anodized Finish, Add	0.51	
			For Black Color Class I Anodized Finish, Add	1.54	
08 43 13 00-0055	SF		12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.94	6.53
			For Various Color Class I Anodized Finish, Add	0.49	
			For Black Color Class I Anodized Finish, Add	1.47	
08 43 13 00-0056			2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0057	SF		5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.18	7.36
			For Various Color Class I Anodized Finish, Add	0.78	
			For Black Color Class I Anodized Finish, Add	2.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0058	SF		6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	21.75 0.71 2.12	6.62
08 43 13 00-0059	SF		7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.06 0.65 1.95	6.06
08 43 13 00-0060	SF		8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	18.79 0.61 1.82	5.68
08 43 13 00-0061	SF		9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	17.77 0.57 1.72	5.40
08 43 13 00-0062	SF		10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	16.97 0.55 1.65	5.13
08 43 13 00-0063	SF		11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	16.34 0.53 1.58	4.94
08 43 13 00-0064	SF		12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	15.75 0.51 1.53	4.76
08 43 13 00-0065			2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small> Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0066	SF		5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	32.04 1.02 3.07	9.88
08 43 13 00-0067	SF		6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	28.30 0.90 2.71	8.76
08 43 13 00-0068	SF		7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	25.67 0.82 2.46	7.93
08 43 13 00-0069	SF		8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	23.69 0.76 2.27	7.27
08 43 13 00-0070	SF		9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.12 0.71 2.12	6.80
08 43 13 00-0071	SF		10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.90 0.67 2.00	6.43
08 43 13 00-0072	SF		11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.90 0.63 1.90	6.16
08 43 13 00-0073	SF		12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	18.98 0.61 1.82	5.88
08 43 13 00-0074			2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small> Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0075	SF		5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	38.42 1.26 3.78	11.56
08 43 13 00-0076	SF		6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	33.83 1.10 3.30	10.25
08 43 13 00-0077	SF		7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	30.37 0.99 2.97	9.23
08 43 13 00-0078	SF		8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	27.84 0.90 2.71	8.39
08 43 13 00-0079	SF		9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	25.81 0.84 2.51	7.83

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 43 Storefronts**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 43 13 00-0080	SF 10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.19	7.36
	<i>For Various Color Class I Anodized Finish, Add</i>	0.79	
	<i>For Black Color Class I Anodized Finish, Add</i>	2.36	
08 43 13 00-0081	SF 11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.81	6.90
	<i>For Various Color Class I Anodized Finish, Add</i>	0.74	
	<i>For Black Color Class I Anodized Finish, Add</i>	2.23	
08 43 13 00-0082	SF 12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.75	6.62
	<i>For Various Color Class I Anodized Finish, Add</i>	0.71	
	<i>For Black Color Class I Anodized Finish, Add</i>	2.12	
08 43 13 00-0083	Accessories For Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
08 43 13 00-0084	LF For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	24.98	6.21
08 43 13 00-0085	LF For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	28.33	6.82
08 43 13 00-0086	LF For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	41.46	7.50
08 43 19	Stainless-Steel-Framed Storefronts <small>(08 43)</small>		
08 43 19 00-0001	Stainless Steel Storefront Framing Assembly <small>(08 43 19)</small> Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.		
08 43 19 00-0002	SF Stainless Steel Storefront Framing Assembly	39.06	4.66
	<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	3.20	
08 44	Curtain Wall And Glazed Assemblies <small>(08 44)</small>		
08 44 13	Glazed Aluminum Curtain Walls <small>(08 44)</small>		
08 44 13 00-0001	Curtain Walls <small>(08 44 13)</small>		
08 44 13 00-0002	Coping Sections <small>(08 44 13 00-0001)</small>		
08 44 13 00-0003	LF Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	46.85	2.80
	<i>For Bronze Anodized Aluminum, Add</i>	4.57	
	<i>For Stainless Steel, Add</i>	19.11	
	<i>For Black Anodized Finish, Add</i>	8.23	
08 44 13 00-0004	LF Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	48.48	2.80
	<i>For Bronze Anodized Aluminum, Add</i>	4.82	
	<i>For Stainless Steel, Add</i>	20.09	
	<i>For Black Anodized Finish, Add</i>	8.67	
08 44 13 00-0005	LF Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	58.49	3.73
	<i>For Bronze Anodized Aluminum, Add</i>	5.72	
	<i>For Stainless Steel, Add</i>	23.89	
	<i>For Black Anodized Finish, Add</i>	10.29	
08 44 13 00-0006	Sill Section <small>(08 44 13 00-0001)</small>		
08 44 13 00-0007	LF Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	37.97	1.86
	<i>For Bronze Anodized Aluminum, Add</i>	3.97	
	<i>For Stainless Steel, Add</i>	16.45	
	<i>For Black Anodized Finish, Add</i>	7.14	
08 44 13 00-0008	LF Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	40.80	1.86
	<i>For Bronze Anodized Aluminum, Add</i>	4.39	
	<i>For Stainless Steel, Add</i>	18.15	
	<i>For Black Anodized Finish, Add</i>	7.91	
08 44 13 00-0009	LF Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	43.66	1.86
	<i>For Bronze Anodized Aluminum, Add</i>	4.82	
	<i>For Stainless Steel, Add</i>	19.87	
	<i>For Black Anodized Finish, Add</i>	8.68	
08 44 13 00-0010	Aluminum Column Covers <small>(08 44 13 00-0001)</small> Note: Includes all clips and fasteners.		
08 44 13 00-0011	LF Aluminum Column Covers, 1/8" x 26", Shaped	92.87	4.66
	<i>For Bronze Anodized Aluminum, Add</i>	9.99	
	<i>For Stainless Steel, Add</i>	41.28	
	<i>For Black Anodized Finish, Add</i>	17.98	
08 44 13 00-0012	LF Aluminum Column Covers, 1/8" x 34", Shaped	112.87	4.66
	<i>For Bronze Anodized Aluminum, Add</i>	12.76	
	<i>For Stainless Steel, Add</i>	52.42	
	<i>For Black Anodized Finish, Add</i>	22.96	
08 44 13 00-0013	LF Aluminum Column Covers, 1/8" x 38", Shaped	120.41	4.66
	<i>For Bronze Anodized Aluminum, Add</i>	13.89	
	<i>For Stainless Steel, Add</i>	56.94	
	<i>For Black Anodized Finish, Add</i>	25.00	
08 44 13 00-0014	Spandrel Covers <small>(08 44 13 00-0001)</small> Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).		
08 44 13 00-0015	SF 1" Spandrel Cover, Aluminum Both Faces	36.73	1.86
	<i>For Bronze Anodized Aluminum, Add</i>	4.33	
	<i>For Stainless Steel, Add</i>	17.73	
	<i>For Black Anodized Finish, Add</i>	7.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44	13 00	0016	SF 1" Spandrel Cover, Aluminum Exterior Face <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	32.44 3.69 15.15 6.64	1.86
08 44	13 00	0017	SF 1" Spandrel Cover, Epoxy Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	67.94 9.02 36.45 16.23	1.86
08 44	13 00	0018	SF 1" Spandrel Cover, Epoxy Exterior Face Only..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	55.85 7.20 29.20 12.96	1.86
08 44	13 00	0019	SF 2" Spandrel Cover, Aluminum Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	41.56 4.75 19.51 8.56	1.86
08 44	13 00	0020	SF 2" Spandrel Cover, Aluminum Exterior Face <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	37.50 4.14 17.07 7.46	1.86
08 44	13 00	0021	SF 2" Spandrel Cover, Epoxy Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	77.88 10.20 41.30 18.36	1.86
08 44	13 00	0022	SF 2" Spandrel Cover, Epoxy Exterior Face Only..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	63.94 8.11 32.94 14.60	1.86
08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections (08 44 13 00-0001)					
Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.					
08 44	13 00	0024	LF Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	52.25 6.73 27.29 12.11	1.86
08 44	13 00	0025	LF Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	52.11 6.73 27.28 12.11	1.86
08 44	13 00	0026	LF Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	52.11 6.73 27.28 12.11 12.30	1.86
08 44	13 00	0027	LF Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	64.80 8.04 32.73 14.47	3.73
08 44	13 00	0028	LF Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	64.80 8.04 32.73 14.47	3.73
08 44	13 00	0029	LF Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	64.80 8.04 32.73 14.47 15.08	3.73
08 44	13 00	0030	LF Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	71.17 8.81 35.87 15.86	4.10
08 44	13 00	0031	LF Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	71.17 8.81 35.87 15.86	4.10
08 44	13 00	0032	LF Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	71.17 8.81 35.87 15.86 16.55	4.10
08 44	13 00	0033	LF Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	77.73 9.59 39.04 17.26	4.66
08 44	13 00	0034	LF Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	77.73 9.59 39.04 17.26	4.66
08 44	13 00	0035	LF Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	77.73 9.59 39.04 17.26 18.05	4.66
08 44	13 00	0036	LF Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	87.16 10.81 44.01 19.46	5.03

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 44 Curtain Wall And Glazed Assemblies**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	87.16	5.03
		<i>For Bronze Anodized Aluminum, Add</i>	10.81	
		<i>For Stainless Steel, Add</i>	44.01	
		<i>For Black Anodized Finish, Add</i>	19.46	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	87.16	5.03
		<i>For Bronze Anodized Aluminum, Add</i>	10.81	
		<i>For Stainless Steel, Add</i>	44.01	
		<i>For Black Anodized Finish, Add</i>	19.46	
		<i>For Corner Mullion, Add</i>	20.28	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	100.06	5.59
		<i>For Bronze Anodized Aluminum, Add</i>	12.42	
		<i>For Stainless Steel, Add</i>	50.53	
		<i>For Black Anodized Finish, Add</i>	22.35	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	100.06	5.59
		<i>For Bronze Anodized Aluminum, Add</i>	12.42	
		<i>For Stainless Steel, Add</i>	50.53	
		<i>For Black Anodized Finish, Add</i>	22.35	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	100.06	5.59
		<i>For Bronze Anodized Aluminum, Add</i>	12.42	
		<i>For Stainless Steel, Add</i>	50.53	
		<i>For Black Anodized Finish, Add</i>	22.35	
		<i>For Corner Mullion, Add</i>	23.29	

08 44 26 Structural Glass Curtain Walls (08 44)**08 44 26 16 Metal Framed Point Supported Glass Curtain Walls (08 44 26)****08 44 26 16-0001 Centria Exterior Closure Components (08 44 26 16)**

08 44 26 16-0002	SF	Centria CS-260, 210 Single Skin Metal Panel	52.77	18.41
		Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.		
08 44 26 16-0003	SF	Centria Formawall Insulated Metal Panels	75.64	15.34
		Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.		
08 44 26 16-0004	LF	Centria Formawall Insulated Metal Panels Radius Column	124.61	25.58
		Note: Includes radius coping.		
08 44 26 16-0005	LF	Centria Formawall Insulated Metal Panels Coping	24.92	5.11
08 44 26 16-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass	91.96	24.54
		Note: 20 PSF wind load with 70% Mica Kynar two coat finish factory installed.		
08 44 26 16-0007	SF	Centria Formawavue 3000 Insulated Vision Units	13.67	
		Note: Vision insulated units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.		
08 44 26 16-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units	26.45	
		Note: Silkscreen units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.		
08 44 26 16-0009	LF	Centria Integrated Louver System	174.80	15.34
		Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.		
08 44 26 16-0010	LF	Centria Integrated Sunshade System	835.98	108.42
		Note: Factory installed 70% Mica Kynar two coat finish.		

08 44 26 16-0011 Kalwall Exterior Closure Components (08 44 26 16)

08 44 26 16-0012	SF	Kalwall Translucent Panel System Standard	106.41	20.46
		Note: 25 PSF wind load. Factory installed 70% Mica Kynar two coat finish.		
08 44 26 16-0013	SF	Kalwall Translucent Panel System High Impact	110.18	20.46
08 44 26 16-0014	EA	Wind Clips	220.42	
		Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up.		
08 44 26 16-0015	EA	Sill Angle With Welded Support Angles For The Kalwall System	257.15	
		Note: Includes all welding, fasteners, prep, and clean up.		
08 44 26 16-0016	EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5")	11.76	
08 44 26 16-0017	EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5")	51.43	

08 45 Translucent Wall And Roof Assemblies (08 40)**08 45 23 Fiberglass-Sandwich-Panel Assemblies (08 45)****08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick (08 45 23)**

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	54.64	5.10
		<i>For Aluminum Frame, Add</i>	4.70	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	49.79	4.34
		<i>For Aluminum Frame, Add</i>	4.33	

08 50 Windows (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows (08 50)**08 51 13 Aluminum Windows (08 51)**

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows (08 51 13)

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows (08 51 13 00-0001)

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 51 13 00-0003		2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	477.15	97.29
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.30	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	18.90	
		<i>For Clear Anodized Finish, Add</i>	15.75	
		<i>For Color Anodized Finish, Add</i>	22.05	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	535.90	103.37
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.27	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	21.82	
		<i>For Clear Anodized Finish, Add</i>	18.18	
		<i>For Color Anodized Finish, Add</i>	25.45	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	586.21	109.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.08	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	24.23	
		<i>For Clear Anodized Finish, Add</i>	20.19	
		<i>For Color Anodized Finish, Add</i>	28.27	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	628.05	115.54
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.71	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	26.13	
		<i>For Clear Anodized Finish, Add</i>	21.78	
		<i>For Color Anodized Finish, Add</i>	30.49	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	720.64	121.62
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.36	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	31.08	
		<i>For Clear Anodized Finish, Add</i>	25.90	
		<i>For Color Anodized Finish, Add</i>	36.26	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	23.35	3.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.35	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.04	
		<i>For Clear Anodized Finish, Add</i>	0.86	
		<i>For Color Anodized Finish, Add</i>	1.21	

08 51 13 00-0010		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	701.24	97.29
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.78	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	32.35	
		<i>For Clear Anodized Finish, Add</i>	26.95	
		<i>For Color Anodized Finish, Add</i>	37.74	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	779.02	103.37
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.13	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.40	
		<i>For Clear Anodized Finish, Add</i>	30.34	
		<i>For Color Anodized Finish, Add</i>	42.47	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	844.13	109.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.23	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	39.70	
		<i>For Clear Anodized Finish, Add</i>	33.09	
		<i>For Color Anodized Finish, Add</i>	46.32	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	907.11	115.54
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.29	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	42.87	
		<i>For Clear Anodized Finish, Add</i>	35.73	
		<i>For Color Anodized Finish, Add</i>	50.02	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,075.81	121.62
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.46	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	52.39	
		<i>For Clear Anodized Finish, Add</i>	43.66	
		<i>For Color Anodized Finish, Add</i>	61.12	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	35.19	3.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.58	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.75	
		<i>For Clear Anodized Finish, Add</i>	1.46	
		<i>For Color Anodized Finish, Add</i>	2.04	

08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	739.30	97.29
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.54	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	34.63	
		<i>For Clear Anodized Finish, Add</i>	28.86	
		<i>For Color Anodized Finish, Add</i>	40.40	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	831.88	103.37
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.19	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	39.58	
		<i>For Clear Anodized Finish, Add</i>	32.98	
		<i>For Color Anodized Finish, Add</i>	46.17	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	907.55	109.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.50	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	43.51	
		<i>For Clear Anodized Finish, Add</i>	36.26	
		<i>For Color Anodized Finish, Add</i>	50.76	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0021	EA >15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	981.11 15.77 47.31 39.43 55.20	115.54
08 51 13 00-0022	EA >20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,166.71 19.28 57.84 48.20 67.48	121.62
08 51 13 00-0023	SF >30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	38.21 0.64 1.93 1.61 2.25	3.65
08 51 13 00-0024	4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0025	EA Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	811.18 12.98 38.94 32.45 45.43	97.29
08 51 13 00-0026	EA >6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	931.24 15.18 45.54 37.95 53.13	103.37
08 51 13 00-0027	EA >10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,009.03 16.53 49.60 41.33 57.86	109.45
08 51 13 00-0028	EA >15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,082.58 17.80 53.40 44.50 62.30	115.54
08 51 13 00-0029	EA >20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,253.39 21.01 63.04 52.54 73.55	121.62
08 51 13 00-0030	SF >30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	41.11 0.70 2.10 1.75 2.45	3.65
08 51 13 00-0031	Double Hung Aluminum Windows <small>(08 51 13 00-0001)</small>		
08 51 13 00-0032	3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <small>(08 51 13 00-0031)</small>		
08 51 13 00-0033	EA Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	534.23 7.44 22.32 18.60 26.05	97.29
08 51 13 00-0034	EA >6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	590.87 8.37 25.12 20.93 29.30	103.37
08 51 13 00-0035	EA >10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	639.06 9.13 27.40 22.83 31.96	109.45
08 51 13 00-0036	EA >15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	689.36 9.94 29.81 24.84 34.78	115.54
08 51 13 00-0037	EA >20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	803.09 12.01 36.02 30.02 42.03	121.62
08 51 13 00-0038	SF >30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	26.10 0.40 1.20 1.00 1.40	3.65
08 51 13 00-0039	4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) <small>(08 51 13 00-0031)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0040	EA		Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	654.73	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	9.85	
			For 70% Fluoropolymer Finish (Duranar), Add	29.55	
			For Clear Anodized Finish, Add	24.63	
			For Color Anodized Finish, Add	34.48	
08 51 13 00-0041	EA		>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	757.88	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	11.71	
			For 70% Fluoropolymer Finish (Duranar), Add	35.14	
			For Clear Anodized Finish, Add	29.28	
			For Color Anodized Finish, Add	40.99	
08 51 13 00-0042	EA		>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	842.02	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	13.19	
			For 70% Fluoropolymer Finish (Duranar), Add	39.58	
			For Clear Anodized Finish, Add	32.98	
			For Color Anodized Finish, Add	46.17	
08 51 13 00-0043	EA		>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	936.71	115.54
			For 50% Fluoropolymer Finish (Acrynar), Add	14.88	
			For 70% Fluoropolymer Finish (Duranar), Add	44.65	
			For Clear Anodized Finish, Add	37.21	
			For Color Anodized Finish, Add	52.09	
08 51 13 00-0044	EA		>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,109.63	121.62
			For 50% Fluoropolymer Finish (Acrynar), Add	18.14	
			For 70% Fluoropolymer Finish (Duranar), Add	54.42	
			For Clear Anodized Finish, Add	45.35	
			For Color Anodized Finish, Add	63.49	
08 51 13 00-0045	SF		>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	36.31	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.60	
			For 70% Fluoropolymer Finish (Duranar), Add	1.81	
			For Clear Anodized Finish, Add	1.51	
			For Color Anodized Finish, Add	2.12	
08 51 13 00-0046			4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) (08 51 13 00-0031)		
08 51 13 00-0047	EA		Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	821.75	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	13.19	
			For 70% Fluoropolymer Finish (Duranar), Add	39.58	
			For Clear Anodized Finish, Add	32.98	
			For Color Anodized Finish, Add	46.17	
08 51 13 00-0048	EA		>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	941.81	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	15.39	
			For 70% Fluoropolymer Finish (Duranar), Add	46.17	
			For Clear Anodized Finish, Add	38.48	
			For Color Anodized Finish, Add	53.87	
08 51 13 00-0049	EA		>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,042.85	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	17.21	
			For 70% Fluoropolymer Finish (Duranar), Add	51.63	
			For Clear Anodized Finish, Add	43.02	
			For Color Anodized Finish, Add	60.23	
08 51 13 00-0050	EA		>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,141.78	115.54
			For 50% Fluoropolymer Finish (Acrynar), Add	18.98	
			For 70% Fluoropolymer Finish (Duranar), Add	56.95	
			For Clear Anodized Finish, Add	47.46	
			For Color Anodized Finish, Add	66.45	
08 51 13 00-0051	EA		>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,378.12	121.62
			For 50% Fluoropolymer Finish (Acrynar), Add	23.51	
			For 70% Fluoropolymer Finish (Duranar), Add	70.53	
			For Clear Anodized Finish, Add	58.77	
			For Color Anodized Finish, Add	82.28	
08 51 13 00-0052	SF		>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	45.25	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.78	
			For 70% Fluoropolymer Finish (Duranar), Add	2.35	
			For Clear Anodized Finish, Add	1.96	
			For Color Anodized Finish, Add	2.74	
08 51 13 00-0053			4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) (08 51 13 00-0031)		
08 51 13 00-0054	EA		Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,277.95	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	22.11	
			For 70% Fluoropolymer Finish (Duranar), Add	66.34	
			For Clear Anodized Finish, Add	55.28	
			For Color Anodized Finish, Add	77.40	
08 51 13 00-0055	EA		>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,400.14	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	24.35	
			For 70% Fluoropolymer Finish (Duranar), Add	73.06	
			For Clear Anodized Finish, Add	60.89	
			For Color Anodized Finish, Add	85.24	
08 51 13 00-0056	EA		>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,543.45	115.54
			For 50% Fluoropolymer Finish (Acrynar), Add	27.02	
			For 70% Fluoropolymer Finish (Duranar), Add	81.05	
			For Clear Anodized Finish, Add	67.55	
			For Color Anodized Finish, Add	94.56	
08 51 13 00-0057	EA		>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,784.03	121.62
			For 50% Fluoropolymer Finish (Acrynar), Add	31.63	
			For 70% Fluoropolymer Finish (Duranar), Add	94.88	
			For Clear Anodized Finish, Add	79.07	
			For Color Anodized Finish, Add	110.69	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	58.72	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.05	
		For 70% Fluoropolymer Finish (Duranar), Add	3.16	
		For Clear Anodized Finish, Add	2.63	
		For Color Anodized Finish, Add	3.68	
08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08 51 13 00-0031)				
08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,755.73	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	31.67	
		For 70% Fluoropolymer Finish (Duranar), Add	95.01	
		For Clear Anodized Finish, Add	79.17	
		For Color Anodized Finish, Add	110.84	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,892.72	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	34.21	
		For 70% Fluoropolymer Finish (Duranar), Add	102.62	
		For Clear Anodized Finish, Add	85.52	
		For Color Anodized Finish, Add	119.72	
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,048.72	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	37.12	
		For 70% Fluoropolymer Finish (Duranar), Add	111.37	
		For Clear Anodized Finish, Add	92.81	
		For Color Anodized Finish, Add	129.93	
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,318.89	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	42.32	
		For 70% Fluoropolymer Finish (Duranar), Add	126.97	
		For Clear Anodized Finish, Add	105.81	
		For Color Anodized Finish, Add	148.13	
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	76.69	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.41	
		For 70% Fluoropolymer Finish (Duranar), Add	4.24	
		For Clear Anodized Finish, Add	3.53	
		For Color Anodized Finish, Add	4.94	
08 51 13 00-0065 Horizontal Sliding Aluminum Windows (08 51 13 00-0001)				
08 51 13 00-0066 One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)				
08 51 13 00-0067 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08 51 13 00-0066)				
08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	487.72	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	6.51	
		For 70% Fluoropolymer Finish (Duranar), Add	19.53	
		For Clear Anodized Finish, Add	16.28	
		For Color Anodized Finish, Add	22.79	
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	548.59	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	7.53	
		For 70% Fluoropolymer Finish (Duranar), Add	22.58	
		For Clear Anodized Finish, Add	18.82	
		For Color Anodized Finish, Add	26.34	
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	594.67	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	8.25	
		For 70% Fluoropolymer Finish (Duranar), Add	24.74	
		For Clear Anodized Finish, Add	20.61	
		For Color Anodized Finish, Add	28.86	
08 51 13 00-0071	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	642.85	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	9.01	
		For 70% Fluoropolymer Finish (Duranar), Add	27.02	
		For Clear Anodized Finish, Add	22.52	
		For Color Anodized Finish, Add	31.52	
08 51 13 00-0072	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	739.67	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	10.74	
		For 70% Fluoropolymer Finish (Duranar), Add	32.22	
		For Clear Anodized Finish, Add	26.85	
		For Color Anodized Finish, Add	37.59	
08 51 13 00-0073	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	23.99	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
		For 70% Fluoropolymer Finish (Duranar), Add	1.07	
		For Clear Anodized Finish, Add	0.90	
		For Color Anodized Finish, Add	1.25	
08 51 13 00-0074 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) (08 51 13 00-0066)				
08 51 13 00-0075	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	756.21	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	11.88	
		For 70% Fluoropolymer Finish (Duranar), Add	35.64	
		For Clear Anodized Finish, Add	29.70	
		For Color Anodized Finish, Add	41.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding	Aluminum Window (Traco TR-6800)	850.90	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	13.57	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	40.72	
		For Clear Anodized Finish, Add	.....	33.93	
		For Color Anodized Finish, Add	.....	47.50	
08 51 13 00-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding	Aluminum Window (Traco TR-6800)	926.58	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	14.88	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	44.65	
		For Clear Anodized Finish, Add	.....	37.21	
		For Color Anodized Finish, Add	.....	52.09	
08 51 13 00-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding	Aluminum Window (Traco TR-6800)	1,000.13	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	16.15	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	48.45	
		For Clear Anodized Finish, Add	.....	40.38	
		For Color Anodized Finish, Add	.....	56.53	
08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding	Aluminum Window (Traco TR-6800)	1,158.26	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	19.11	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	57.33	
		For Clear Anodized Finish, Add	.....	47.78	
		For Color Anodized Finish, Add	.....	66.89	
08 51 13 00-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) .....	.....	37.94	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.64	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	1.91	
		For Clear Anodized Finish, Add	.....	1.59	
		For Color Anodized Finish, Add	.....	2.23	
08 51 13 00-0081		Two Rolling Sashes, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)			
08 51 13 00-0082		3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) (08 51 13 00-0081)			
08 51 13 00-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	542.69	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	7.61	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	22.83	
		For Clear Anodized Finish, Add	.....	19.03	
		For Color Anodized Finish, Add	.....	26.64	
08 51 13 00-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	620.47	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	8.96	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	26.89	
		For Clear Anodized Finish, Add	.....	22.41	
		For Color Anodized Finish, Add	.....	31.37	
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	672.89	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	9.81	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	29.43	
		For Clear Anodized Finish, Add	.....	24.52	
		For Color Anodized Finish, Add	.....	34.33	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	716.84	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	10.49	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	31.46	
		For Clear Anodized Finish, Add	.....	26.21	
		For Color Anodized Finish, Add	.....	36.70	
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	826.35	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	12.47	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	37.42	
		For Clear Anodized Finish, Add	.....	31.18	
		For Color Anodized Finish, Add	.....	43.66	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	.....	26.86	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.42	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	1.25	
		For Clear Anodized Finish, Add	.....	1.04	
		For Color Anodized Finish, Add	.....	1.45	
08 51 13 00-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)			
08 51 13 00-0090		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) (08 51 13 00-0089)			
08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) .....	.....	1,343.93	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	23.64	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	70.91	
		For Clear Anodized Finish, Add	.....	59.09	
		For Color Anodized Finish, Add	.....	82.72	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) .....	.....	1,546.84	112.49
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	27.19	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	81.56	
		For Clear Anodized Finish, Add	.....	67.97	
		For Color Anodized Finish, Add	.....	95.16	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,671.15	118.57
		For 50% Fluoropolymer Finish (Acrynar), Add	29.47	
		For 70% Fluoropolymer Finish (Duranar), Add	88.41	
		For Clear Anodized Finish, Add	73.68	
		For Color Anodized Finish, Add	103.15	
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,017.82	133.77
		For 50% Fluoropolymer Finish (Acrynar), Add	35.90	
		For 70% Fluoropolymer Finish (Duranar), Add	107.69	
		For Clear Anodized Finish, Add	89.74	
		For Color Anodized Finish, Add	125.64	
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,329.40	152.02
		For 50% Fluoropolymer Finish (Acrynar), Add	41.52	
		For 70% Fluoropolymer Finish (Duranar), Add	124.56	
		For Clear Anodized Finish, Add	103.80	
		For Color Anodized Finish, Add	145.32	
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	40.67	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	0.69	
		For 70% Fluoropolymer Finish (Duranar), Add	2.08	
		For Clear Anodized Finish, Add	1.73	
		For Color Anodized Finish, Add	2.42	
08 51 13 00-0097		Fixed Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0098		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) (08 51 13 00-0097)		
08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	388.36	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	4.52	
		For 70% Fluoropolymer Finish (Duranar), Add	13.57	
		For Clear Anodized Finish, Add	11.31	
		For Color Anodized Finish, Add	15.83	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	440.77	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	5.37	
		For 70% Fluoropolymer Finish (Duranar), Add	16.11	
		For Clear Anodized Finish, Add	13.42	
		For Color Anodized Finish, Add	18.79	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	465.71	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	5.67	
		For 70% Fluoropolymer Finish (Duranar), Add	17.00	
		For Clear Anodized Finish, Add	14.16	
		For Color Anodized Finish, Add	19.83	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	490.64	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	5.96	
		For 70% Fluoropolymer Finish (Duranar), Add	17.89	
		For Clear Anodized Finish, Add	14.90	
		For Color Anodized Finish, Add	20.87	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	638.19	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	8.71	
		For 70% Fluoropolymer Finish (Duranar), Add	26.13	
		For Clear Anodized Finish, Add	21.78	
		For Color Anodized Finish, Add	30.49	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	20.60	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	0.29	
		For 70% Fluoropolymer Finish (Duranar), Add	0.87	
		For Clear Anodized Finish, Add	0.73	
		For Color Anodized Finish, Add	1.02	
08 51 13 00-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) (08 51 13 00-0097)		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	481.38	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	6.38	
		For 70% Fluoropolymer Finish (Duranar), Add	19.15	
		For Clear Anodized Finish, Add	15.96	
		For Color Anodized Finish, Add	22.35	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	548.59	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	7.53	
		For 70% Fluoropolymer Finish (Duranar), Add	22.58	
		For Clear Anodized Finish, Add	18.82	
		For Color Anodized Finish, Add	26.34	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	590.44	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	8.16	
		For 70% Fluoropolymer Finish (Duranar), Add	24.48	
		For Clear Anodized Finish, Add	20.40	
		For Color Anodized Finish, Add	28.56	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	634.39	115.54
		For 50% Fluoropolymer Finish (Acrynar), Add	8.84	
		For 70% Fluoropolymer Finish (Duranar), Add	26.51	
		For Clear Anodized Finish, Add	22.09	
		For Color Anodized Finish, Add	30.93	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	826.35	121.62
		For 50% Fluoropolymer Finish (Acrynar), Add	12.47	
		For 70% Fluoropolymer Finish (Duranar), Add	37.42	
		For Clear Anodized Finish, Add	31.18	
		For Color Anodized Finish, Add	43.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0111	SF	>30	SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	26.86	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.42	
			For 70% Fluoropolymer Finish (Duranar), Add	1.25	
			For Clear Anodized Finish, Add	1.04	
			For Color Anodized Finish, Add	1.45	
08 51 13 00-0112			3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) (08 51 13 00-0097)		
08 51 13 00-0113	EA	Up To 6	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	417.95	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	5.12	
			For 70% Fluoropolymer Finish (Duranar), Add	15.35	
			For Clear Anodized Finish, Add	12.79	
			For Color Anodized Finish, Add	17.91	
08 51 13 00-0114	EA	>6 To 10	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	485.17	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	6.26	
			For 70% Fluoropolymer Finish (Duranar), Add	18.77	
			For Clear Anodized Finish, Add	15.64	
			For Color Anodized Finish, Add	21.90	
08 51 13 00-0115	EA	>10 To 15	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	522.79	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	6.81	
			For 70% Fluoropolymer Finish (Duranar), Add	20.42	
			For Clear Anodized Finish, Add	17.02	
			For Color Anodized Finish, Add	23.83	
08 51 13 00-0116	EA	>15 To 20	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	562.52	115.54
			For 50% Fluoropolymer Finish (Acrynar), Add	7.40	
			For 70% Fluoropolymer Finish (Duranar), Add	22.20	
			For Clear Anodized Finish, Add	18.50	
			For Color Anodized Finish, Add	25.90	
08 51 13 00-0117	EA	>20 To 30	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	743.90	121.62
			For 50% Fluoropolymer Finish (Acrynar), Add	10.82	
			For 70% Fluoropolymer Finish (Duranar), Add	32.47	
			For Clear Anodized Finish, Add	27.06	
			For Color Anodized Finish, Add	37.88	
08 51 13 00-0118	SF	>30	SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	24.11	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
			For 70% Fluoropolymer Finish (Duranar), Add	1.08	
			For Clear Anodized Finish, Add	0.90	
			For Color Anodized Finish, Add	1.26	
08 51 13 00-0119			4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) (08 51 13 00-0097)		
08 51 13 00-0120	EA	Up To 6	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	415.84	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	5.07	
			For 70% Fluoropolymer Finish (Duranar), Add	15.22	
			For Clear Anodized Finish, Add	12.68	
			For Color Anodized Finish, Add	17.76	
08 51 13 00-0121	EA	>6 To 10	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	476.71	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	6.09	
			For 70% Fluoropolymer Finish (Duranar), Add	18.27	
			For Clear Anodized Finish, Add	15.22	
			For Color Anodized Finish, Add	21.31	
08 51 13 00-0122	EA	>10 To 15	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	514.33	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	6.64	
			For 70% Fluoropolymer Finish (Duranar), Add	19.91	
			For Clear Anodized Finish, Add	16.60	
			For Color Anodized Finish, Add	23.23	
08 51 13 00-0123	EA	>15 To 20	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	554.06	115.54
			For 50% Fluoropolymer Finish (Acrynar), Add	7.23	
			For 70% Fluoropolymer Finish (Duranar), Add	21.69	
			For Clear Anodized Finish, Add	18.08	
			For Color Anodized Finish, Add	25.31	
08 51 13 00-0124	EA	>20 To 30	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	735.44	121.62
			For 50% Fluoropolymer Finish (Acrynar), Add	10.66	
			For 70% Fluoropolymer Finish (Duranar), Add	31.97	
			For Clear Anodized Finish, Add	26.64	
			For Color Anodized Finish, Add	37.29	
08 51 13 00-0125	SF	>30	SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	23.84	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
			For 70% Fluoropolymer Finish (Duranar), Add	1.07	
			For Clear Anodized Finish, Add	0.89	
			For Color Anodized Finish, Add	1.24	
08 51 13 00-0126			Projected Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0127			Single Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51 13 00-0128			2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0127)		
08 51 13 00-0129	EA	Up To 6	SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250).....	547.34	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	7.70	
			For 70% Fluoropolymer Finish (Duranar), Add	23.11	
			For Clear Anodized Finish, Add	19.26	
			For Color Anodized Finish, Add	26.96	
08 51 13 00-0130	EA	>6 To 10	SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250).....	592.77	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	8.41	
			For 70% Fluoropolymer Finish (Duranar), Add	25.23	
			For Clear Anodized Finish, Add	21.02	
			For Color Anodized Finish, Add	29.43	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	645.41	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	9.26	
		For 70% Fluoropolymer Finish (Duranar), Add	27.78	
		For Clear Anodized Finish, Add	23.15	
		For Color Anodized Finish, Add	32.41	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	36.95	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	0.62	
		For 70% Fluoropolymer Finish (Duranar), Add	1.85	
		For Clear Anodized Finish, Add	1.54	
		For Color Anodized Finish, Add	2.16	
08 51 13 00-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0127)				
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	734.24	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	11.44	
		For 70% Fluoropolymer Finish (Duranar), Add	34.33	
		For Clear Anodized Finish, Add	28.60	
		For Color Anodized Finish, Add	40.05	
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	810.54	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	12.77	
		For 70% Fluoropolymer Finish (Duranar), Add	38.30	
		For Clear Anodized Finish, Add	31.91	
		For Color Anodized Finish, Add	44.68	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	899.10	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	14.33	
		For 70% Fluoropolymer Finish (Duranar), Add	43.00	
		For Clear Anodized Finish, Add	35.83	
		For Color Anodized Finish, Add	50.17	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	53.86	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	0.96	
		For 70% Fluoropolymer Finish (Duranar), Add	2.87	
		For Clear Anodized Finish, Add	2.39	
		For Color Anodized Finish, Add	3.34	
08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0127)				
08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	804.35	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	12.84	
		For 70% Fluoropolymer Finish (Duranar), Add	38.53	
		For Clear Anodized Finish, Add	32.11	
		For Color Anodized Finish, Add	44.95	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	892.19	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	14.40	
		For 70% Fluoropolymer Finish (Duranar), Add	43.19	
		For Clear Anodized Finish, Add	36.00	
		For Color Anodized Finish, Add	50.39	
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	994.23	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	16.24	
		For 70% Fluoropolymer Finish (Duranar), Add	48.71	
		For Clear Anodized Finish, Add	40.59	
		For Color Anodized Finish, Add	56.83	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	60.20	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.08	
		For 70% Fluoropolymer Finish (Duranar), Add	3.25	
		For Clear Anodized Finish, Add	2.71	
		For Color Anodized Finish, Add	3.79	
08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0127)				
08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	852.63	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	13.81	
		For 70% Fluoropolymer Finish (Duranar), Add	41.43	
		For Clear Anodized Finish, Add	34.52	
		For Color Anodized Finish, Add	48.33	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	948.45	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	15.52	
		For 70% Fluoropolymer Finish (Duranar), Add	46.57	
		For Clear Anodized Finish, Add	38.81	
		For Color Anodized Finish, Add	54.33	
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,059.77	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	17.55	
		For 70% Fluoropolymer Finish (Duranar), Add	52.64	
		For Clear Anodized Finish, Add	43.87	
		For Color Anodized Finish, Add	61.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0147	SF		>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	64.58	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.17	
			For 70% Fluoropolymer Finish (Duranar), Add	3.51	
			For Clear Anodized Finish, Add	2.93	
			For Color Anodized Finish, Add	4.10	
08 51 13 00-0148			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0127)		
08 51 13 00-0149	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	846.40	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	13.69	
			For 70% Fluoropolymer Finish (Duranar), Add	41.06	
			For Clear Anodized Finish, Add	34.21	
			For Color Anodized Finish, Add	47.90	
08 51 13 00-0150	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	941.20	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	15.38	
			For 70% Fluoropolymer Finish (Duranar), Add	46.14	
			For Clear Anodized Finish, Add	38.45	
			For Color Anodized Finish, Add	53.82	
08 51 13 00-0151	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	1,051.31	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	17.38	
			For 70% Fluoropolymer Finish (Duranar), Add	52.13	
			For Clear Anodized Finish, Add	43.44	
			For Color Anodized Finish, Add	60.82	
08 51 13 00-0152	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	64.01	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.16	
			For 70% Fluoropolymer Finish (Duranar), Add	3.48	
			For Clear Anodized Finish, Add	2.90	
			For Color Anodized Finish, Add	4.06	
08 51 13 00-0153			Fixed Over Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51 13 00-0154			2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0153)		
08 51 13 00-0155	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	751.39	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	11.78	
			For 70% Fluoropolymer Finish (Duranar), Add	35.35	
			For Clear Anodized Finish, Add	29.46	
			For Color Anodized Finish, Add	41.25	
08 51 13 00-0156	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	830.50	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	13.16	
			For 70% Fluoropolymer Finish (Duranar), Add	39.49	
			For Clear Anodized Finish, Add	32.91	
			For Color Anodized Finish, Add	46.08	
08 51 13 00-0157	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	922.35	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	14.80	
			For 70% Fluoropolymer Finish (Duranar), Add	44.40	
			For Clear Anodized Finish, Add	37.00	
			For Color Anodized Finish, Add	51.80	
08 51 13 00-0158	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	55.34	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.99	
			For 70% Fluoropolymer Finish (Duranar), Add	2.96	
			For Clear Anodized Finish, Add	2.46	
			For Color Anodized Finish, Add	3.45	
08 51 13 00-0159			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0153)		
08 51 13 00-0160	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,047.34	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	17.70	
			For 70% Fluoropolymer Finish (Duranar), Add	53.11	
			For Clear Anodized Finish, Add	44.26	
			For Color Anodized Finish, Add	61.96	
08 51 13 00-0161	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,175.29	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	20.06	
			For 70% Fluoropolymer Finish (Duranar), Add	60.18	
			For Clear Anodized Finish, Add	50.15	
			For Color Anodized Finish, Add	70.21	
08 51 13 00-0162	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,324.03	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	22.83	
			For 70% Fluoropolymer Finish (Duranar), Add	68.50	
			For Clear Anodized Finish, Add	57.08	
			For Color Anodized Finish, Add	79.91	
08 51 13 00-0163	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	82.19	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.52	
			For 70% Fluoropolymer Finish (Duranar), Add	4.57	
			For Clear Anodized Finish, Add	3.81	
			For Color Anodized Finish, Add	5.33	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 13 00-0164	EA	3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0153)		
08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,109.64	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	18.95	
		For 70% Fluoropolymer Finish (Durandar), Add	56.85	
		For Clear Anodized Finish, Add	47.37	
		For Color Anodized Finish, Add	66.32	
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,247.87	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	21.51	
		For 70% Fluoropolymer Finish (Durandar), Add	64.54	
		For Clear Anodized Finish, Add	53.78	
		For Color Anodized Finish, Add	75.29	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,408.59	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	24.52	
		For 70% Fluoropolymer Finish (Durandar), Add	73.57	
		For Clear Anodized Finish, Add	61.31	
		For Color Anodized Finish, Add	85.83	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	87.68	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.63	
		For 70% Fluoropolymer Finish (Durandar), Add	4.90	
		For Clear Anodized Finish, Add	4.08	
		For Color Anodized Finish, Add	5.71	
08 51 13 00-0169	EA	3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0153)		
08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,103.43	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	18.83	
		For 70% Fluoropolymer Finish (Durandar), Add	56.48	
		For Clear Anodized Finish, Add	47.06	
		For Color Anodized Finish, Add	65.89	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,240.61	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	21.37	
		For 70% Fluoropolymer Finish (Durandar), Add	64.10	
		For Clear Anodized Finish, Add	53.42	
		For Color Anodized Finish, Add	74.78	
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,400.14	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	24.35	
		For 70% Fluoropolymer Finish (Durandar), Add	73.06	
		For Clear Anodized Finish, Add	60.89	
		For Color Anodized Finish, Add	85.24	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	87.26	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.62	
		For 70% Fluoropolymer Finish (Durandar), Add	4.87	
		For Clear Anodized Finish, Add	4.06	
		For Color Anodized Finish, Add	5.68	
08 51 13 00-0174	EA	4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0153)		
08 51 13 00-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,200.00	97.29
		For 50% Fluoropolymer Finish (Acrynar), Add	20.76	
		For 70% Fluoropolymer Finish (Durandar), Add	62.27	
		For Clear Anodized Finish, Add	51.89	
		For Color Anodized Finish, Add	72.65	
08 51 13 00-0176	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,353.13	103.37
		For 50% Fluoropolymer Finish (Acrynar), Add	23.62	
		For 70% Fluoropolymer Finish (Durandar), Add	70.85	
		For Clear Anodized Finish, Add	59.04	
		For Color Anodized Finish, Add	82.66	
08 51 13 00-0177	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,531.21	109.45
		For 50% Fluoropolymer Finish (Acrynar), Add	26.98	
		For 70% Fluoropolymer Finish (Durandar), Add	80.93	
		For Clear Anodized Finish, Add	67.44	
		For Color Anodized Finish, Add	94.42	
08 51 13 00-0178	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	95.93	3.65
		For 50% Fluoropolymer Finish (Acrynar), Add	1.80	
		For 70% Fluoropolymer Finish (Durandar), Add	5.39	
		For Clear Anodized Finish, Add	4.49	
		For Color Anodized Finish, Add	6.29	
08 51 13 00-0179		Casement Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0180		Single Vent, Casement Aluminum Windows (08 51 13 00-0179)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 51 13 00-0181			2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0180)		
08 51 13 00-0182	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	623.66	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	9.23	
			For 70% Fluoropolymer Finish (Duranar), Add	27.69	
			For Clear Anodized Finish, Add	23.08	
			For Color Anodized Finish, Add	32.31	
08 51 13 00-0183	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	681.69	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	10.19	
			For 70% Fluoropolymer Finish (Duranar), Add	30.56	
			For Clear Anodized Finish, Add	25.47	
			For Color Anodized Finish, Add	35.66	
08 51 13 00-0184	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	749.00	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	11.33	
			For 70% Fluoropolymer Finish (Duranar), Add	33.99	
			For Clear Anodized Finish, Add	28.33	
			For Color Anodized Finish, Add	39.66	
08 51 13 00-0185	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	43.86	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	0.76	
			For 70% Fluoropolymer Finish (Duranar), Add	2.27	
			For Clear Anodized Finish, Add	1.89	
			For Color Anodized Finish, Add	2.64	
08 51 13 00-0186			2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0180)		
08 51 13 00-0187	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	907.16	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	14.90	
			For 70% Fluoropolymer Finish (Duranar), Add	44.70	
			For Clear Anodized Finish, Add	37.25	
			For Color Anodized Finish, Add	52.15	
08 51 13 00-0188	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,011.95	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	16.79	
			For 70% Fluoropolymer Finish (Duranar), Add	50.38	
			For Clear Anodized Finish, Add	41.98	
			For Color Anodized Finish, Add	58.78	
08 51 13 00-0189	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,133.76	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	19.03	
			For 70% Fluoropolymer Finish (Duranar), Add	57.08	
			For Clear Anodized Finish, Add	47.57	
			For Color Anodized Finish, Add	66.59	
08 51 13 00-0190	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	69.50	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.27	
			For 70% Fluoropolymer Finish (Duranar), Add	3.81	
			For Clear Anodized Finish, Add	3.17	
			For Color Anodized Finish, Add	4.44	
08 51 13 00-0191			3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0180)		
08 51 13 00-0192	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	911.83	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	14.99	
			For 70% Fluoropolymer Finish (Duranar), Add	44.98	
			For Clear Anodized Finish, Add	37.48	
			For Color Anodized Finish, Add	52.48	
08 51 13 00-0193	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,017.41	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	16.90	
			For 70% Fluoropolymer Finish (Duranar), Add	50.71	
			For Clear Anodized Finish, Add	42.26	
			For Color Anodized Finish, Add	59.16	
08 51 13 00-0194	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,140.10	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	19.15	
			For 70% Fluoropolymer Finish (Duranar), Add	57.46	
			For Clear Anodized Finish, Add	47.88	
			For Color Anodized Finish, Add	67.04	
08 51 13 00-0195	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	69.93	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.28	
			For 70% Fluoropolymer Finish (Duranar), Add	3.83	
			For Clear Anodized Finish, Add	3.19	
			For Color Anodized Finish, Add	4.47	
08 51 13 00-0196			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0180)		
08 51 13 00-0197	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	960.11	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	15.96	
			For 70% Fluoropolymer Finish (Duranar), Add	47.88	
			For Clear Anodized Finish, Add	39.90	
			For Color Anodized Finish, Add	55.86	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0198	EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,073.66 18.03 54.08 45.07 63.10	103.37
08 51 13 00-0199	EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,205.64 20.46 61.39 51.16 71.63	109.45
08 51 13 00-0200	SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	74.30 1.36 4.09 3.41 4.78	3.65
08 51 13 00-0201	Fixed Over Vent, Casement Aluminum Windows (08 51 13 00-0179)		
08 51 13 00-0202	2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0201)		
08 51 13 00-0203	EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	709.33 10.94 32.83 27.36 38.30	97.29
08 51 13 00-0204	EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	781.50 12.18 36.55 30.46 42.65	103.37
08 51 13 00-0205	EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	865.27 13.66 40.97 34.14 47.80	109.45
08 51 13 00-0206	SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	51.60 0.91 2.73 2.28 3.19	3.65
08 51 13 00-0207	2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0201)		
08 51 13 00-0208	EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	992.82 16.61 49.84 41.53 58.15	97.29
08 51 13 00-0209	EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,111.76 18.79 56.37 46.97 65.76	103.37
08 51 13 00-0210	EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,250.04 21.35 64.06 53.38 74.73	109.45
08 51 13 00-0211	SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	77.26 1.42 4.27 3.56 4.98	3.65
08 51 13 00-0212	3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0201)		
08 51 13 00-0213	EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,097.19 18.70 56.10 46.75 65.45	97.29
08 51 13 00-0214	EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,233.36 21.22 63.66 53.05 74.28	103.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0215	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,391.68	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	24.19	
			For 70% Fluoropolymer Finish (Duranar), Add	72.56	
			For Clear Anodized Finish, Add	60.46	
			For Color Anodized Finish, Add	84.65	
08 51 13 00-0216	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	86.69	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.61	
			For 70% Fluoropolymer Finish (Duranar), Add	4.84	
			For Clear Anodized Finish, Add	4.03	
			For Color Anodized Finish, Add	5.64	
08 51 13 00-0217			4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0201)		
08 51 13 00-0218	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,192.20	97.29
			For 50% Fluoropolymer Finish (Acrynar), Add	20.60	
			For 70% Fluoropolymer Finish (Duranar), Add	61.80	
			For Clear Anodized Finish, Add	51.50	
			For Color Anodized Finish, Add	72.10	
08 51 13 00-0219	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,344.06	103.37
			For 50% Fluoropolymer Finish (Acrynar), Add	23.44	
			For 70% Fluoropolymer Finish (Duranar), Add	70.31	
			For Clear Anodized Finish, Add	58.59	
			For Color Anodized Finish, Add	82.02	
08 51 13 00-0220	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,520.64	109.45
			For 50% Fluoropolymer Finish (Acrynar), Add	26.76	
			For 70% Fluoropolymer Finish (Duranar), Add	80.29	
			For Clear Anodized Finish, Add	66.91	
			For Color Anodized Finish, Add	93.68	
08 51 13 00-0221	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	95.29	3.65
			For 50% Fluoropolymer Finish (Acrynar), Add	1.78	
			For 70% Fluoropolymer Finish (Duranar), Add	5.35	
			For Clear Anodized Finish, Add	4.46	
			For Color Anodized Finish, Add	6.24	
08 51 13 00-0222			Aluminum Window Accessories (08 51 13)		
08 51 13 00-0223			Aluminum Window Mullions (08 51 13 00-0222)		
08 51 13 00-0224	LF		Integral Mullions For Aluminum Windows	21.89	4.56
			For 50% Fluoropolymer Finish (Acrynar), Add	0.27	
			For 70% Fluoropolymer Finish (Duranar), Add	0.81	
			For Clear Anodized Finish, Add	0.67	
			For Color Anodized Finish, Add	0.94	
08 51 13 00-0225			Aluminum Window Panning (08 51 13 00-0222)		
			Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08 51 13 00-0226	EA		Up To 6 SF Window, Aluminum Window Panning	221.70	37.31
			For 50% Fluoropolymer Finish (Acrynar), Add	3.19	
			For 70% Fluoropolymer Finish (Duranar), Add	9.57	
			For Clear Anodized Finish, Add	7.98	
			For Color Anodized Finish, Add	11.17	
08 51 13 00-0227	EA		>6 To 10 SF Window, Aluminum Window Panning	309.27	62.18
			For 50% Fluoropolymer Finish (Acrynar), Add	4.11	
			For 70% Fluoropolymer Finish (Duranar), Add	12.34	
			For Clear Anodized Finish, Add	10.28	
			For Color Anodized Finish, Add	14.39	
08 51 13 00-0228	EA		>10 To 15 SF Window, Aluminum Window Panning	380.32	93.27
			For 50% Fluoropolymer Finish (Acrynar), Add	4.50	
			For 70% Fluoropolymer Finish (Duranar), Add	13.49	
			For Clear Anodized Finish, Add	11.24	
			For Color Anodized Finish, Add	15.74	
08 51 13 00-0229	EA		>15 To 20 SF Window, Aluminum Window Panning	455.21	124.37
			For 50% Fluoropolymer Finish (Acrynar), Add	4.96	
			For 70% Fluoropolymer Finish (Duranar), Add	14.88	
			For Clear Anodized Finish, Add	12.40	
			For Color Anodized Finish, Add	17.36	
08 51 13 00-0230	EA		>20 To 30 SF Window, Aluminum Window Panning	603.04	186.55
			For 50% Fluoropolymer Finish (Acrynar), Add	5.84	
			For 70% Fluoropolymer Finish (Duranar), Add	17.53	
			For Clear Anodized Finish, Add	14.61	
			For Color Anodized Finish, Add	20.45	
08 51 13 00-0231	SF		>30 SF Window, Aluminum Window Panning	22.09	7.78
			For 50% Fluoropolymer Finish (Acrynar), Add	0.18	
			For 70% Fluoropolymer Finish (Duranar), Add	0.55	
			For Clear Anodized Finish, Add	0.46	
			For Color Anodized Finish, Add	0.64	
08 51 13 00-0232			Aluminum Window Mullions, Grilles Or Dividers (08 51 13 00-0222)		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51	13 00-0233	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	6.94 0.02 0.05 0.04 0.06	4.56
08 51	13 00-0234	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	9.44 0.07 0.20 0.17 0.24	4.56
08 51	13 00-0235	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	20.00 0.10 0.29 0.24 0.34	4.56
08 51	13 00-0236	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	23.96 0.13 0.40 0.34 0.47	4.56
08 51 13 00-0237 Other Aluminum Window Accessories (08 51 13 00-0222)					
08 51	13 00-0238	EA	Roto Operator For Casement Aluminum Windows	172.09	20.26
08 51	13 00-0239	EA	Head And Sill Automatic Locks For Hung Aluminum Windows.....	87.53	20.26
08 51 19 Stainless-Steel Windows (08 51) See CSI section 08 80 00 00-0000 for glazing.					
08 51 19 00-0001 Stainless Steel Windows Types (08 51 19)					
08 51 19 00-0002 Industrial (08 51 19 00-0001)					
08 51	19 00-0003	SF	Stainless Steel Window With Horizontal Pivot Sash	83.46	6.08
08 51	19 00-0004	SF	Stainless Steel Window, Fixed Sash.....	62.77	6.08
08 51 19 00-0005 Projected Sash (08 51 19 00-0001)					
08 51	19 00-0006	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel.....	87.32	6.08
08 51	19 00-0007	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	96.47	6.08
08 51 19 00-0008 Other Type Sash (08 51 19 00-0001)					
08 51	19 00-0009	SF	Double Hung Stainless Steel Window Sash	105.60	6.08
08 51	19 00-0010	SF	Single Hung Stainless Steel Window Sash.....	74.51	6.08
08 51	19 00-0011	SF	Stainless Steel Picture Window Sash	62.15	6.08
08 51	19 00-0012	SF	Sliding Stainless Steel Window.....	108.95	6.08
08 51 19 00-0013 Casements (08 51 19 00-0001)					
08 51	19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	94.57	6.08
08 51	19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	81.71	6.08
08 51	19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	57.44	6.08
08 51 23 Steel Windows (08 51) Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.					
08 51 23 00-0001 Steel Windows (08 51 23)					
08 51 23 00-0002 Industrial (08 51 23 00-0001)					
08 51	23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	43.39	6.08
08 51	23 00-0004	SF	Industrial Steel Window, Fixed Sash.....	39.13	6.08
08 51	23 00-0005	SF	Industrial Steel Window, Operable Security Sash.....	60.88	6.08
08 51	23 00-0006	SF	Industrial Steel Window, Fixed Security Sash.....	52.35	6.08
08 51 23 00-0007 Projected Sash (08 51 23 00-0001)					
08 51	23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel.....	49.75	6.08
08 51	23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	54.43	6.08
08 51 23 00-0010 Other Type Sash (08 51 23 00-0001)					
08 51	23 00-0011	SF	Double Hung Steel Window Sash	62.72	6.08
08 51	23 00-0012	SF	Steel Picture Window Sash.....	29.33	6.08
08 51	23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	64.56	7.60
08 51	23 00-0014	SF	Single Hung Steel Window Sash	45.60	6.08
08 51 23 00-0015 Casements (08 51 23 00-0001)					
08 51	23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed.....	56.66	3.04
08 51	23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed.....	49.57	3.04
08 51	23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed.....	36.19	4.56
08 51 23 00-0019 Mullions (08 51 23 00-0001)					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 51 23 00-0020	LF		Open Faced Steel Mullion.....	22.48	4.56
08 51 23 00-0021	LF		Covered Steel Mullions.....	35.89	4.56

08 51 23 00-0022 Removal And Reinstallation Of Metal Window And Frame (08 51 23)
 Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.

08 51 23 00-0023	SF		Removal And Reinstallation Of Metal Window And Frame.....	15.60	
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08 52 Wood Windows (08 50)

08 52 11 Wood Windows (08 52)

08 52 11 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 11)
 Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 11 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	254.47	
		<i>For Low-E Insulated Glass, Add</i>	18.54	
		<i>For Aluminum Clad Exterior, Add</i>	19.87	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	269.66	
		<i>For Low-E Insulated Glass, Add</i>	19.88	
		<i>For Aluminum Clad Exterior, Add</i>	21.30	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	285.83	
		<i>For Low-E Insulated Glass, Add</i>	21.34	
		<i>For Aluminum Clad Exterior, Add</i>	22.87	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	294.38	
		<i>For Low-E Insulated Glass, Add</i>	22.14	
		<i>For Aluminum Clad Exterior, Add</i>	23.73	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	301.99	
		<i>For Low-E Insulated Glass, Add</i>	22.81	
		<i>For Aluminum Clad Exterior, Add</i>	24.44	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.50	
		<i>For Low-E Insulated Glass, Add</i>	23.75	
		<i>For Aluminum Clad Exterior, Add</i>	25.44	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	316.26	
		<i>For Low-E Insulated Glass, Add</i>	24.02	
		<i>For Aluminum Clad Exterior, Add</i>	25.73	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	335.25	
		<i>For Low-E Insulated Glass, Add</i>	25.88	
		<i>For Aluminum Clad Exterior, Add</i>	27.73	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	351.40	
		<i>For Low-E Insulated Glass, Add</i>	27.35	
		<i>For Aluminum Clad Exterior, Add</i>	29.30	

08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	269.66	
		<i>For Low-E Insulated Glass, Add</i>	19.88	
		<i>For Aluminum Clad Exterior, Add</i>	21.30	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	285.83	
		<i>For Low-E Insulated Glass, Add</i>	21.34	
		<i>For Aluminum Clad Exterior, Add</i>	22.87	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	299.15	
		<i>For Low-E Insulated Glass, Add</i>	22.81	
		<i>For Aluminum Clad Exterior, Add</i>	24.44	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.50	
		<i>For Low-E Insulated Glass, Add</i>	23.75	
		<i>For Aluminum Clad Exterior, Add</i>	25.44	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.09	
		<i>For Low-E Insulated Glass, Add</i>	24.41	
		<i>For Aluminum Clad Exterior, Add</i>	26.16	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.65	
		<i>For Low-E Insulated Glass, Add</i>	25.21	
		<i>For Aluminum Clad Exterior, Add</i>	27.01	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	335.25	
		<i>For Low-E Insulated Glass, Add</i>	25.88	
		<i>For Aluminum Clad Exterior, Add</i>	27.73	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	351.40	
		<i>For Low-E Insulated Glass, Add</i>	27.35	
		<i>For Aluminum Clad Exterior, Add</i>	29.30	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	367.57	
		<i>For Low-E Insulated Glass, Add</i>	28.81	
		<i>For Aluminum Clad Exterior, Add</i>	30.87	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	276.81	
		<i>For Low-E Insulated Glass, Add</i>	20.68	
		<i>For Aluminum Clad Exterior, Add</i>	22.15	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	292.96	
		<i>For Low-E Insulated Glass, Add</i>	22.14	
		<i>For Aluminum Clad Exterior, Add</i>	23.73	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	310.08	
		<i>For Low-E Insulated Glass, Add</i>	23.75	
		<i>For Aluminum Clad Exterior, Add</i>	25.44	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 11 00-0026	EA 30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	317.67 24.41 26.16	
08 52 11 00-0027	EA 32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	326.23 25.21 27.01	
08 52 11 00-0028	EA 34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	333.83 25.88 27.73	
08 52 11 00-0029	EA 36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	342.39 26.68 28.59	
08 52 11 00-0030	EA 40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	357.59 28.01 30.02	
08 52 11 00-0031	EA 44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	373.75 29.48 31.59	
08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0033	EA 20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	287.25 21.34 22.87	
08 52 11 00-0034	EA 24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	303.41 22.81 24.44	
08 52 11 00-0035	EA 28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	320.51 24.41 26.16	
08 52 11 00-0036	EA 30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	329.07 25.21 27.01	
08 52 11 00-0037	EA 32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	336.67 25.88 27.73	
08 52 11 00-0038	EA 34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	345.22 26.68 28.59	
08 52 11 00-0039	EA 36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	352.82 27.35 29.30	
08 52 11 00-0040	EA 40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	368.99 28.81 30.87	
08 52 11 00-0041	EA 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	385.14 30.28 32.45	
08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0043	EA 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	319.09 24.41 26.16	
08 52 11 00-0044	EA 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	335.25 25.88 27.73	
08 52 11 00-0045	EA 28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	351.40 27.35 29.30	
08 52 11 00-0046	EA 30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	359.01 28.01 30.02	
08 52 11 00-0047	EA 32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	367.57 28.81 30.87	
08 52 11 00-0048	EA 34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	375.16 29.48 31.59	
08 52 11 00-0049	EA 36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	383.72 30.28 32.45	
08 52 11 00-0050	EA 40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	399.88 31.75 34.02	
08 52 11 00-0051	EA 44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	416.98 33.35 35.73	
08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0053	EA 20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	326.23 25.21 27.01	
08 52 11 00-0054	EA 24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	342.39 26.68 28.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 11 00-0055	EA		28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	357.59	
			<i>For Low-E Insulated Glass, Add</i>	28.01	
			<i>For Aluminum Clad Exterior, Add</i>	30.02	
08 52 11 00-0056	EA		30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	366.15	
			<i>For Low-E Insulated Glass, Add</i>	28.81	
			<i>For Aluminum Clad Exterior, Add</i>	30.87	
08 52 11 00-0057	EA		32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	373.75	
			<i>For Low-E Insulated Glass, Add</i>	29.48	
			<i>For Aluminum Clad Exterior, Add</i>	31.59	
08 52 11 00-0058	EA		34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	382.30	
			<i>For Low-E Insulated Glass, Add</i>	30.28	
			<i>For Aluminum Clad Exterior, Add</i>	32.45	
08 52 11 00-0059	EA		36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.90	
			<i>For Low-E Insulated Glass, Add</i>	30.95	
			<i>For Aluminum Clad Exterior, Add</i>	33.16	
08 52 11 00-0060	EA		40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	407.02	
			<i>For Low-E Insulated Glass, Add</i>	32.55	
			<i>For Aluminum Clad Exterior, Add</i>	34.88	
08 52 11 00-0061	EA		44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	423.18	
			<i>For Low-E Insulated Glass, Add</i>	34.02	
			<i>For Aluminum Clad Exterior, Add</i>	36.45	

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0063	EA		20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	336.67	
			<i>For Low-E Insulated Glass, Add</i>	25.88	
			<i>For Aluminum Clad Exterior, Add</i>	27.73	
08 52 11 00-0064	EA		24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	352.82	
			<i>For Low-E Insulated Glass, Add</i>	27.35	
			<i>For Aluminum Clad Exterior, Add</i>	29.30	
08 52 11 00-0065	EA		28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	368.99	
			<i>For Low-E Insulated Glass, Add</i>	28.81	
			<i>For Aluminum Clad Exterior, Add</i>	30.87	
08 52 11 00-0066	EA		30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	376.58	
			<i>For Low-E Insulated Glass, Add</i>	29.48	
			<i>For Aluminum Clad Exterior, Add</i>	31.59	
08 52 11 00-0067	EA		32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	385.14	
			<i>For Low-E Insulated Glass, Add</i>	30.28	
			<i>For Aluminum Clad Exterior, Add</i>	32.45	
08 52 11 00-0068	EA		34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	392.74	
			<i>For Low-E Insulated Glass, Add</i>	30.95	
			<i>For Aluminum Clad Exterior, Add</i>	33.16	
08 52 11 00-0069	EA		36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	401.30	
			<i>For Low-E Insulated Glass, Add</i>	31.75	
			<i>For Aluminum Clad Exterior, Add</i>	34.02	
08 52 11 00-0070	EA		40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	418.41	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.73	
08 52 11 00-0071	EA		44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	434.56	
			<i>For Low-E Insulated Glass, Add</i>	34.82	
			<i>For Aluminum Clad Exterior, Add</i>	37.30	

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0073	EA		20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	352.82	
			<i>For Low-E Insulated Glass, Add</i>	27.35	
			<i>For Aluminum Clad Exterior, Add</i>	29.30	
08 52 11 00-0074	EA		24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	368.99	
			<i>For Low-E Insulated Glass, Add</i>	28.81	
			<i>For Aluminum Clad Exterior, Add</i>	30.87	
08 52 11 00-0075	EA		28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	385.14	
			<i>For Low-E Insulated Glass, Add</i>	30.28	
			<i>For Aluminum Clad Exterior, Add</i>	32.45	
08 52 11 00-0076	EA		30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	392.74	
			<i>For Low-E Insulated Glass, Add</i>	30.95	
			<i>For Aluminum Clad Exterior, Add</i>	33.16	
08 52 11 00-0077	EA		32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	401.30	
			<i>For Low-E Insulated Glass, Add</i>	31.75	
			<i>For Aluminum Clad Exterior, Add</i>	34.02	
08 52 11 00-0078	EA		34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	409.85	
			<i>For Low-E Insulated Glass, Add</i>	32.55	
			<i>For Aluminum Clad Exterior, Add</i>	34.88	
08 52 11 00-0079	EA		36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	418.41	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.73	
08 52 11 00-0080	EA		40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	434.56	
			<i>For Low-E Insulated Glass, Add</i>	34.82	
			<i>For Aluminum Clad Exterior, Add</i>	37.30	
08 52 11 00-0081	EA		44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	450.73	
			<i>For Low-E Insulated Glass, Add</i>	36.29	
			<i>For Aluminum Clad Exterior, Add</i>	38.88	

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 11 00-0083	EA		20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	367.57	
			<i>For Low-E Insulated Glass, Add</i>	28.81	
			<i>For Aluminum Clad Exterior, Add</i>	30.87	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 11 00-0084	EA 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	383.72 30.28 32.45	
08 52 11 00-0085	EA 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	399.88 31.75 34.02	
08 52 11 00-0086	EA 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	408.43 32.55 34.88	
08 52 11 00-0087	EA 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	416.98 33.35 35.73	
08 52 11 00-0088	EA 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	424.59 34.02 36.45	
08 52 11 00-0089	EA 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	433.14 34.82 37.30	
08 52 11 00-0090	EA 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	449.31 36.29 38.88	
08 52 11 00-0091	EA 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	464.50 37.62 40.31	
08 52 11 00-0092	60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
08 52 11 00-0093	EA 20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	373.75 29.48 31.59	
08 52 11 00-0094	EA 24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	389.90 30.95 33.16	
08 52 11 00-0095	EA 28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	407.02 32.55 34.88	
08 52 11 00-0096	EA 30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	415.56 33.35 35.73	
08 52 11 00-0097	EA 32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	423.18 34.02 36.45	
08 52 11 00-0098	EA 34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	431.72 34.82 37.30	
08 52 11 00-0099	EA 36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	439.33 35.48 38.02	
08 52 11 00-0100	EA 40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	455.49 36.95 39.59	
08 52 11 00-0101	EA 44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	471.64 38.42 41.16	
08 52 11 00-0102	62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
08 52 11 00-0103	EA 20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	385.14 30.28 32.45	
08 52 11 00-0104	EA 24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	401.30 31.75 34.02	
08 52 11 00-0105	EA 28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	418.41 33.35 35.73	
08 52 11 00-0106	EA 30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	426.01 34.02 36.45	
08 52 11 00-0107	EA 32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	434.56 34.82 37.30	
08 52 11 00-0108	EA 34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	442.16 35.48 38.02	
08 52 11 00-0109	EA 36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	450.73 36.29 38.88	
08 52 11 00-0110	EA 40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	465.92 37.62 40.31	
08 52 11 00-0111	EA 44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	482.09 39.09 41.88	
08 52 11 00-0112	66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0113	EA		20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	401.30	
			<i>For Low-E Insulated Glass, Add</i>	31.75	
			<i>For Aluminum Clad Exterior, Add</i>	34.02	
08 52 11 00-0114	EA		24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	418.41	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.73	
08 52 11 00-0115	EA		28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	434.56	
			<i>For Low-E Insulated Glass, Add</i>	34.82	
			<i>For Aluminum Clad Exterior, Add</i>	37.30	
08 52 11 00-0116	EA		30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.16	
			<i>For Low-E Insulated Glass, Add</i>	35.48	
			<i>For Aluminum Clad Exterior, Add</i>	38.02	
08 52 11 00-0117	EA		32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	450.73	
			<i>For Low-E Insulated Glass, Add</i>	36.29	
			<i>For Aluminum Clad Exterior, Add</i>	38.88	
08 52 11 00-0118	EA		34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	458.32	
			<i>For Low-E Insulated Glass, Add</i>	36.95	
			<i>For Aluminum Clad Exterior, Add</i>	39.59	
08 52 11 00-0119	EA		36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	465.92	
			<i>For Low-E Insulated Glass, Add</i>	37.62	
			<i>For Aluminum Clad Exterior, Add</i>	40.31	
08 52 11 00-0120	EA		40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	482.09	
			<i>For Low-E Insulated Glass, Add</i>	39.09	
			<i>For Aluminum Clad Exterior, Add</i>	41.88	
08 52 11 00-0121	EA		44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	498.24	
			<i>For Low-E Insulated Glass, Add</i>	40.55	
			<i>For Aluminum Clad Exterior, Add</i>	43.45	
08 52 11 00-0122			70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0123	EA		20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	416.98	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.73	
08 52 11 00-0124	EA		24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	433.14	
			<i>For Low-E Insulated Glass, Add</i>	34.82	
			<i>For Aluminum Clad Exterior, Add</i>	37.30	
08 52 11 00-0125	EA		28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	449.31	
			<i>For Low-E Insulated Glass, Add</i>	36.29	
			<i>For Aluminum Clad Exterior, Add</i>	38.88	
08 52 11 00-0126	EA		30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	456.90	
			<i>For Low-E Insulated Glass, Add</i>	36.95	
			<i>For Aluminum Clad Exterior, Add</i>	39.59	
08 52 11 00-0127	EA		32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	464.50	
			<i>For Low-E Insulated Glass, Add</i>	37.62	
			<i>For Aluminum Clad Exterior, Add</i>	40.31	
08 52 11 00-0128	EA		34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	475.88	
			<i>For Low-E Insulated Glass, Add</i>	38.82	
			<i>For Aluminum Clad Exterior, Add</i>	41.59	
08 52 11 00-0129	EA		36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	481.66	
			<i>For Low-E Insulated Glass, Add</i>	39.23	
			<i>For Aluminum Clad Exterior, Add</i>	42.03	
08 52 11 00-0130	EA		40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	496.82	
			<i>For Low-E Insulated Glass, Add</i>	40.55	
			<i>For Aluminum Clad Exterior, Add</i>	43.45	
08 52 11 00-0131	EA		44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	513.93	
			<i>For Low-E Insulated Glass, Add</i>	42.15	
			<i>For Aluminum Clad Exterior, Add</i>	45.17	
08 52 11 00-0132			74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0133	EA		20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	434.56	
			<i>For Low-E Insulated Glass, Add</i>	34.82	
			<i>For Aluminum Clad Exterior, Add</i>	37.30	
08 52 11 00-0134	EA		24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	450.73	
			<i>For Low-E Insulated Glass, Add</i>	36.29	
			<i>For Aluminum Clad Exterior, Add</i>	38.88	
08 52 11 00-0135	EA		28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	465.92	
			<i>For Low-E Insulated Glass, Add</i>	37.62	
			<i>For Aluminum Clad Exterior, Add</i>	40.31	
08 52 11 00-0136	EA		30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	474.48	
			<i>For Low-E Insulated Glass, Add</i>	38.42	
			<i>For Aluminum Clad Exterior, Add</i>	41.16	
08 52 11 00-0137	EA		32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	482.09	
			<i>For Low-E Insulated Glass, Add</i>	39.09	
			<i>For Aluminum Clad Exterior, Add</i>	41.88	
08 52 11 00-0138	EA		34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	490.63	
			<i>For Low-E Insulated Glass, Add</i>	39.89	
			<i>For Aluminum Clad Exterior, Add</i>	42.74	
08 52 11 00-0139	EA		36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	498.24	
			<i>For Low-E Insulated Glass, Add</i>	40.55	
			<i>For Aluminum Clad Exterior, Add</i>	43.45	
08 52 11 00-0140	EA		40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	515.35	
			<i>For Low-E Insulated Glass, Add</i>	42.15	
			<i>For Aluminum Clad Exterior, Add</i>	45.17	
08 52 11 00-0141	EA		44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	531.50	
			<i>For Low-E Insulated Glass, Add</i>	43.62	
			<i>For Aluminum Clad Exterior, Add</i>	46.74	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0142			78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0143	EA		20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	456.40	
			For Low-E Insulated Glass, Add	36.29	
			For Aluminum Clad Exterior, Add	38.88	
08 52 11 00-0144	EA		24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	471.60	
			For Low-E Insulated Glass, Add	37.62	
			For Aluminum Clad Exterior, Add	40.31	
08 52 11 00-0145	EA		28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	487.76	
			For Low-E Insulated Glass, Add	39.09	
			For Aluminum Clad Exterior, Add	41.88	
08 52 11 00-0146	EA		30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	496.31	
			For Low-E Insulated Glass, Add	39.89	
			For Aluminum Clad Exterior, Add	42.74	
08 52 11 00-0147	EA		32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	503.92	
			For Low-E Insulated Glass, Add	40.55	
			For Aluminum Clad Exterior, Add	43.45	
08 52 11 00-0148	EA		34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	512.46	
			For Low-E Insulated Glass, Add	41.35	
			For Aluminum Clad Exterior, Add	44.31	
08 52 11 00-0149	EA		36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	521.02	
			For Low-E Insulated Glass, Add	42.15	
			For Aluminum Clad Exterior, Add	45.17	
08 52 11 00-0150	EA		40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	537.17	
			For Low-E Insulated Glass, Add	43.62	
			For Aluminum Clad Exterior, Add	46.74	
08 52 11 00-0151	EA		44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	553.33	
			For Low-E Insulated Glass, Add	45.09	
			For Aluminum Clad Exterior, Add	48.31	
08 52 11 00-0152			Commercial And Institutional Heavy Double Hung Windows <small>(08 52 11)</small> Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153	SF		Up To 21 SF Double Hung Wood Window With True Divided Lite	78.73	12.67
			For Insulating Glass, Add	4.54	
08 52 11 00-0154	SF		21 To 40 SF Double Hung Wood Window With True Divided Lite	75.96	14.08
			For Insulating Glass, Add	4.06	
08 52 11 00-0155	SF		40 SF And Over Double Hung Wood Window With True Divided Lite	73.74	15.81
			For Insulating Glass, Add	3.58	
08 52 11 00-0156			Architectural And Historic Reproduction Wood Windows <small>(08 52 11)</small> Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF		Up To 21 SF Architectural And Historic Reproduction Wood Window	84.35	12.66
			For Insulating Glass, Add	5.02	
08 52 11 00-0158	SF		21 To 40 SF Architectural And Historic Reproduction Wood Window.....	79.00	14.08
			For Insulating Glass, Add	4.32	
08 52 11 00-0159	SF		40 SF And Over Architectural And Historic Reproduction Wood Window.....	75.52	15.81
			For Insulating Glass, Add	3.73	
08 52 11 00-0160			Removal And Reinstallation Of Wood Window And Frame <small>(08 52 11)</small> Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF		Removal And Reinstallation Of Wood Windows And Frames.....	31.18	
08 52 16			Plastic-Clad Wood Windows <small>(08 52)</small>		
08 52 16 00-0001			Double Hung Wood Clad Windows <small>(08 52 16)</small> Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
08 52 16 00-0002			Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0001)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003			35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004	EA		23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	327.23	46.61
			For Low-E Insulated Glass, Add	28.08	
			For Tempered Clear Insulated Glass, Add	46.80	
08 52 16 00-0005	EA		27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	346.46	48.65
			For Low-E Insulated Glass, Add	29.90	
			For Tempered Clear Insulated Glass, Add	49.83	
08 52 16 00-0006	EA		31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	364.42	50.68
			For Low-E Insulated Glass, Add	31.57	
			For Tempered Clear Insulated Glass, Add	52.62	
08 52 16 00-0007	EA		35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	382.39	52.70
			For Low-E Insulated Glass, Add	33.24	
			For Tempered Clear Insulated Glass, Add	55.40	
08 52 16 00-0008			41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0009	EA		23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	354.81 30.66 51.10	49.66
08 52 16 00-0010	EA		27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	374.04 32.48 54.13	51.68
08 52 16 00-0011	EA		31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	392.00 34.15 56.92	53.71
08 52 16 00-0012	EA		35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	409.97 35.82 59.70	55.74
08 52 16 00-0013			47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0014	EA		23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	382.39 33.24 55.40	52.70
08 52 16 00-0015	EA		27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	400.35 34.91 58.18	54.73
08 52 16 00-0016	EA		31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	419.59 36.73 61.22	56.76
08 52 16 00-0017	EA		35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	437.55 38.40 64.00	58.78
08 52 16 00-0018			53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0019	EA		23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	409.97 35.82 59.70	55.74
08 52 16 00-0020	EA		27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	427.95 37.49 62.48	57.76
08 52 16 00-0021	EA		31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	445.91 39.16 65.26	59.79
08 52 16 00-0022	EA		35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	465.14 40.98 68.30	61.82
08 52 16 00-0023			56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0024	EA		19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	405.17 35.36 58.94	55.74
08 52 16 00-0025	EA		23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	423.13 37.03 61.72	57.26
08 52 16 00-0026	EA		27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	442.36 38.85 64.76	59.79
08 52 16 00-0027	EA		31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	460.32 40.52 67.54	61.82
08 52 16 00-0028	EA		35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	478.30 42.19 70.32	63.85
08 52 16 00-0029	EA		39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	496.27 43.86 73.11	65.88
08 52 16 00-0030			59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0031	EA		19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	419.59 36.73 61.22	56.76
08 52 16 00-0032	EA		23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	437.55 38.40 64.00	58.78
08 52 16 00-0033	EA		27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	455.53 40.07 66.78	60.81
08 52 16 00-0034	EA		31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	473.49 41.74 69.56	62.83
08 52 16 00-0035	EA		35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	491.45 43.41 72.35	64.86

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0036	EA 39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	510.68 45.23 75.38	66.89
08 52 16 00-0037	65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0038	EA 23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	465.14 40.98 68.30	61.82
08 52 16 00-0039	EA 27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	483.10 42.65 71.08	63.85
08 52 16 00-0040	EA 31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	501.07 44.32 73.86	65.88
08 52 16 00-0041	EA 35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	519.03 45.99 76.65	67.90
08 52 16 00-0042	71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0043	EA 23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	491.45 43.41 72.35	64.86
08 52 16 00-0044	EA 27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	510.68 45.23 75.38	66.89
08 52 16 00-0045	EA 31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	528.65 46.90 78.16	68.91
08 52 16 00-0046	EA 35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	546.63 48.57 80.95	70.94
08 52 16 00-0047	Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0001) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048	36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0049	EA 21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.10 61.98	46.61
08 52 16 00-0050	EA 25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	426.39 66.02	48.14
08 52 16 00-0051	EA 29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	451.94 70.32	50.16
08 52 16 00-0052	EA 31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	465.36 72.60	51.68
08 52 16 00-0053	EA 33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.51 74.62	52.70
08 52 16 00-0054	EA 35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	489.64 76.65	53.71
08 52 16 00-0055	EA 37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	503.06 78.92	54.22
08 52 16 00-0056	EA 41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.25
08 52 16 00-0057	EA 45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.28
08 52 16 00-0058	40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0059	EA 21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	426.39 66.02	48.65
08 52 16 00-0060	EA 25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	451.94 70.32	50.16
08 52 16 00-0061	EA 29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.51 74.62	52.19
08 52 16 00-0062	EA 31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	489.64 76.65	53.71
08 52 16 00-0063	EA 33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	503.06 78.92	54.73
08 52 16 00-0064	EA 35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	515.21 80.95	55.74
08 52 16 00-0065	EA 37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.25
08 52 16 00-0066	EA 41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.28
08 52 16 00-0067	EA 45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	578.46 91.57	60.30
08 52 16 00-0068	44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0069	EA		21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	451.94 70.32	50.68
08 52 16 00-0070	EA		25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.51 74.62	52.19
08 52 16 00-0071	EA		29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	503.06 78.92	54.22
08 52 16 00-0072	EA		31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	515.21 80.95	55.74
08 52 16 00-0073	EA		33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.76
08 52 16 00-0074	EA		35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	540.76 85.25	57.76
08 52 16 00-0075	EA		37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.28
08 52 16 00-0076	EA		41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	578.46 91.57	60.30
08 52 16 00-0077	EA		45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.01 95.87	62.33
08 52 16 00-0078			48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0079	EA		21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.51 74.62	52.70
08 52 16 00-0080	EA		25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	503.06 78.92	54.22
08 52 16 00-0081	EA		29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.25
08 52 16 00-0082	EA		31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	540.76 85.25	57.76
08 52 16 00-0083	EA		33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.78
08 52 16 00-0084	EA		35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	565.04 89.29	59.79
08 52 16 00-0085	EA		37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	578.46 91.57	60.30
08 52 16 00-0086	EA		41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.01 95.87	62.33
08 52 16 00-0087	EA		45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	628.31 99.92	64.36
08 52 16 00-0088			52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0089	EA		21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	503.06 78.92	54.73
08 52 16 00-0090	EA		25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.25
08 52 16 00-0091	EA		29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.28
08 52 16 00-0092	EA		31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	565.04 89.29	59.79
08 52 16 00-0093	EA		33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	578.46 91.57	60.81
08 52 16 00-0094	EA		35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	590.60 93.60	61.82
08 52 16 00-0095	EA		37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.01 95.87	62.33
08 52 16 00-0096	EA		41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	628.31 99.92	64.36
08 52 16 00-0097	EA		45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	653.87 104.22	66.38
08 52 16 00-0098			56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0099	EA		21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.34 82.97	56.76
08 52 16 00-0100	EA		25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	552.91 87.27	58.28
08 52 16 00-0101	EA		29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	578.46 91.57	60.30
08 52 16 00-0102	EA		31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	590.60 93.60	61.82
08 52 16 00-0103	EA		33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.01 95.87	62.83
08 52 16 00-0104	EA		35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	616.17 97.90	63.85
08 52 16 00-0105	EA		37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	628.31 99.92	64.36
08 52 16 00-0106	EA		41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	653.87 104.22	66.38
08 52 16 00-0107	EA		45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	679.42 108.52	68.41

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0108		60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	552.91		58.78
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.27		
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	578.46		60.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	91.57		
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	604.01		62.33
		<i>For Tempered Low-E Insulated Glass, Add</i>	95.87		
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.17		63.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	97.90		
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.31		64.86
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.92		
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.72		65.88
		<i>For Tempered Low-E Insulated Glass, Add</i>	102.20		
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	653.87		66.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.22		
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	679.42		68.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.52		
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	703.71		70.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.57		
08 52 16 00-0118		64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	578.46		60.81
		<i>For Tempered Low-E Insulated Glass, Add</i>	91.57		
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	604.01		62.33
		<i>For Tempered Low-E Insulated Glass, Add</i>	95.87		
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.31		64.36
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.92		
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.72		65.88
		<i>For Tempered Low-E Insulated Glass, Add</i>	102.20		
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	653.87		66.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.22		
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	666.01		67.90
		<i>For Tempered Low-E Insulated Glass, Add</i>	106.24		
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	679.42		68.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.52		
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	703.71		70.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.57		
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	729.26		72.46
		<i>For Tempered Low-E Insulated Glass, Add</i>	116.87		
08 52 16 00-0128		68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	604.01		62.83
		<i>For Tempered Low-E Insulated Glass, Add</i>	95.87		
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.31		64.36
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.92		
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	653.87		66.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.22		
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	666.01		67.90
		<i>For Tempered Low-E Insulated Glass, Add</i>	106.24		
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	679.42		68.91
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.52		
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	691.56		69.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	110.54		
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	703.71		70.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.57		
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	729.26		72.46
		<i>For Tempered Low-E Insulated Glass, Add</i>	116.87		
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	754.82		74.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.17		
08 52 16 00-0138		72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.31		64.86
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.92		
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	653.87		66.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.22		
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	679.42		68.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.52		
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	691.56		69.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	110.54		
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	703.71		70.94
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.57		
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	717.12		71.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	114.84		
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	729.26		72.46
		<i>For Tempered Low-E Insulated Glass, Add</i>	116.87		
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	754.82		74.49
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.17		
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	780.37		76.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	125.47		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0148			76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0149	EA		21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	653.87	66.89
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.22	
08 52 16 00-0150	EA		25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	679.42	68.41
			<i>For Tempered Low-E Insulated Glass, Add</i>	108.52	
08 52 16 00-0151	EA		29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	703.71	70.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.57	
08 52 16 00-0152	EA		31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	717.12	71.96
			<i>For Tempered Low-E Insulated Glass, Add</i>	114.84	
08 52 16 00-0153	EA		33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	729.26	72.97
			<i>For Tempered Low-E Insulated Glass, Add</i>	116.87	
08 52 16 00-0154	EA		35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	742.67	73.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.14	
08 52 16 00-0155	EA		37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	754.82	74.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.17	
08 52 16 00-0156	EA		41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	780.37	76.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.47	
08 52 16 00-0157	EA		45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	804.67	78.54
			<i>For Tempered Low-E Insulated Glass, Add</i>	129.52	
08 52 16 00-0158			84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0159	EA		21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,004.73	70.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	172.77	
08 52 16 00-0160	EA		25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,040.40	72.46
			<i>For Tempered Low-E Insulated Glass, Add</i>	179.10	
08 52 16 00-0161	EA		29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,076.08	74.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	185.42	
08 52 16 00-0162	EA		31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,093.28	76.01
			<i>For Tempered Low-E Insulated Glass, Add</i>	188.46	
08 52 16 00-0163	EA		33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,111.75	77.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	191.74	
08 52 16 00-0164	EA		35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,128.95	78.04
			<i>For Tempered Low-E Insulated Glass, Add</i>	194.78	
08 52 16 00-0165	EA		37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,146.16	78.54
			<i>For Tempered Low-E Insulated Glass, Add</i>	197.81	
08 52 16 00-0166	EA		41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,181.83	80.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	204.14	
08 52 16 00-0167	EA		45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,217.51	82.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	210.46	
08 52 16 00-0168			88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0169	EA		21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,040.40	72.97
			<i>For Tempered Low-E Insulated Glass, Add</i>	179.10	
08 52 16 00-0170	EA		25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,076.08	74.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	185.42	
08 52 16 00-0171	EA		29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,111.75	76.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	191.74	
08 52 16 00-0172	EA		31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,128.95	78.04
			<i>For Tempered Low-E Insulated Glass, Add</i>	194.78	
08 52 16 00-0173	EA		33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,146.16	79.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	197.81	
08 52 16 00-0174	EA		35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,164.64	80.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	201.10	
08 52 16 00-0175	EA		37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,181.83	80.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	204.14	
08 52 16 00-0176	EA		41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,217.51	82.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	210.46	
08 52 16 00-0177	EA		45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	1,253.18	84.62
			<i>For Tempered Low-E Insulated Glass, Add</i>	216.79	
08 52 16 00-0178			Casement Wood Clad Windows <small>(08 52 16)</small>		
			Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		
08 52 16 00-0179			Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0178)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180			One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0181			24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0182	EA		17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	313.94	38.51
			<i>For Tempered Clear Insulated Glass, Add</i>	47.59	
08 52 16 00-0183	EA		20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	331.74	39.53
			<i>For Tempered Clear Insulated Glass, Add</i>	50.54	
08 52 16 00-0184	EA		24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	351.79	41.55
			<i>For Tempered Clear Insulated Glass, Add</i>	53.74	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	370.33		43.58
		<i>For Tempered Clear Insulated Glass, Add</i>	56.63		
08 52 16 00-0186		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	336.44		40.54
		<i>For Tempered Clear Insulated Glass, Add</i>	51.28		
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	354.25		41.55
		<i>For Tempered Clear Insulated Glass, Add</i>	54.23		
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	374.29		43.58
		<i>For Tempered Clear Insulated Glass, Add</i>	57.43		
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	384.66		45.61
		<i>For Tempered Clear Insulated Glass, Add</i>	58.69		
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	407.53		47.63
		<i>For Tempered Clear Insulated Glass, Add</i>	62.65		
08 52 16 00-0192		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	376.75		43.58
		<i>For Tempered Clear Insulated Glass, Add</i>	57.92		
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	395.77		45.61
		<i>For Tempered Clear Insulated Glass, Add</i>	61.12		
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	415.83		47.13
		<i>For Tempered Clear Insulated Glass, Add</i>	64.31		
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	446.94		49.15
		<i>For Tempered Clear Insulated Glass, Add</i>	69.73		
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	476.38		50.68
		<i>For Tempered Clear Insulated Glass, Add</i>	75.01		
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	504.90		51.68
		<i>For Tempered Clear Insulated Glass, Add</i>	80.31		
08 52 16 00-0199		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	403.95		46.61
		<i>For Tempered Clear Insulated Glass, Add</i>	62.35		
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	421.75		47.63
		<i>For Tempered Clear Insulated Glass, Add</i>	65.30		
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	441.80		49.66
		<i>For Tempered Clear Insulated Glass, Add</i>	68.50		
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	486.45		51.68
		<i>For Tempered Clear Insulated Glass, Add</i>	76.62		
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	517.26		53.71
		<i>For Tempered Clear Insulated Glass, Add</i>	82.17		
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	546.44		55.74
		<i>For Tempered Clear Insulated Glass, Add</i>	87.19		
08 52 16 00-0206		48" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	442.81		50.68
		<i>For Tempered Clear Insulated Glass, Add</i>	68.50		
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	461.84		51.68
		<i>For Tempered Clear Insulated Glass, Add</i>	71.69		
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	481.89		53.71
		<i>For Tempered Clear Insulated Glass, Add</i>	74.89		
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	543.14		55.74
		<i>For Tempered Clear Insulated Glass, Add</i>	86.33		
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	567.42		57.76
		<i>For Tempered Clear Insulated Glass, Add</i>	90.58		
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	603.74		59.79
		<i>For Tempered Clear Insulated Glass, Add</i>	97.03		
08 52 16 00-0213		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	469.02		52.70
		<i>For Tempered Clear Insulated Glass, Add</i>	72.93		
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	486.81		53.71
		<i>For Tempered Clear Insulated Glass, Add</i>	75.88		
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	506.86		55.74
		<i>For Tempered Clear Insulated Glass, Add</i>	79.08		
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	582.26		57.76
		<i>For Tempered Clear Insulated Glass, Add</i>	93.34		
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	618.18		59.79
		<i>For Tempered Clear Insulated Glass, Add</i>	99.92		
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	642.24		61.82
		<i>For Tempered Clear Insulated Glass, Add</i>	103.92		
08 52 16 00-0220		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows			
		(Andersen 200 Series) <small>(08 52 16 00-0180)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0221	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	506.86 79.08	55.74
08 52 16 00-0222	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	525.89 82.27	57.76
08 52 16 00-0223	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	545.93 85.47	59.29
08 52 16 00-0224	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	638.55 103.19	61.31
08 52 16 00-0225	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	664.20 107.71	62.83
08 52 16 00-0226	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	698.54 113.76	64.86
08 52 16 00-0227			64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0228	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	534.07 83.50	58.78
08 52 16 00-0229	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	551.87 86.46	59.79
08 52 16 00-0230	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	571.91 89.65	61.82
08 52 16 00-0231	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	678.06 110.07	63.85
08 52 16 00-0232	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	701.97 114.25	65.88
08 52 16 00-0233	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	738.05 120.65	67.90
08 52 16 00-0234			71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0235	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	571.91 89.65	61.82
08 52 16 00-0236	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.95 92.85	63.85
08 52 16 00-0237	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	610.99 96.05	65.36
08 52 16 00-0238	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	734.36 119.91	67.39
08 52 16 00-0239	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	763.56 125.15	68.91
08 52 16 00-0240	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	794.36 130.49	70.94
08 52 16 00-0241			Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0242			24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0243	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	554.90 91.12	49.66
08 52 16 00-0244	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	629.61 104.44	53.71
08 52 16 00-0245	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	715.93 120.08	57.76
08 52 16 00-0246			28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0247	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	597.99 98.92	51.68
08 52 16 00-0248	EA		48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	672.71 112.25	55.74
08 52 16 00-0249	EA		56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	759.01 127.88	59.79
08 52 16 00-0250			35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0251	EA		33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	592.75 97.88	51.68
08 52 16 00-0252	EA		40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	668.74 111.65	55.74
08 52 16 00-0253	EA		48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	748.18 125.92	59.79
08 52 16 00-0254	EA		56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	839.95 142.65	63.34
08 52 16 00-0255	EA		62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	901.54 153.75	66.38
08 52 16 00-0256	EA		71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,003.99 172.42	70.94

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0257	40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0258	EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	645.80	54.22
	<i>For Tempered Clear Insulated Glass, Add</i>	107.47	
08 52 16 00-0259	EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	721.78	57.76
	<i>For Tempered Clear Insulated Glass, Add</i>	121.25	
08 52 16 00-0260	EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	801.23	61.82
	<i>For Tempered Clear Insulated Glass, Add</i>	135.52	
08 52 16 00-0261	EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	892.98	65.88
	<i>For Tempered Clear Insulated Glass, Add</i>	152.25	
08 52 16 00-0262	EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	961.10	68.91
	<i>For Tempered Clear Insulated Glass, Add</i>	164.65	
08 52 16 00-0263	EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,245.23	73.48
	<i>For Tempered Clear Insulated Glass, Add</i>	219.66	
08 52 16 00-0264	48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0265	EA 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	724.02	58.28
	<i>For Tempered Clear Insulated Glass, Add</i>	121.49	
08 52 16 00-0266	EA 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	801.23	61.82
	<i>For Tempered Clear Insulated Glass, Add</i>	135.52	
08 52 16 00-0267	EA 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	880.68	65.88
	<i>For Tempered Clear Insulated Glass, Add</i>	149.79	
08 52 16 00-0268	EA 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	972.43	69.93
	<i>For Tempered Clear Insulated Glass, Add</i>	166.52	
08 52 16 00-0269	EA 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,037.72	72.97
	<i>For Tempered Clear Insulated Glass, Add</i>	178.36	
08 52 16 00-0270	EA 71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,136.47	77.53
	<i>For Tempered Clear Insulated Glass, Add</i>	196.28	
08 52 16 00-0271	52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0272	EA 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	776.05	60.30
	<i>For Tempered Clear Insulated Glass, Add</i>	131.09	
08 52 16 00-0273	EA 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	852.02	63.85
	<i>For Tempered Clear Insulated Glass, Add</i>	144.87	
08 52 16 00-0274	EA 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	922.34	67.90
	<i>For Tempered Clear Insulated Glass, Add</i>	157.31	
08 52 16 00-0275	EA 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,023.23	71.96
	<i>For Tempered Clear Insulated Glass, Add</i>	175.86	
08 52 16 00-0276	EA 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,091.59	74.99
	<i>For Tempered Clear Insulated Glass, Add</i>	188.32	
08 52 16 00-0277	EA 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,188.51	79.56
	<i>For Tempered Clear Insulated Glass, Add</i>	205.88	
08 52 16 00-0278	59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0279	EA 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	853.25	63.85
	<i>For Tempered Clear Insulated Glass, Add</i>	145.11	
08 52 16 00-0280	EA 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	929.23	67.90
	<i>For Tempered Clear Insulated Glass, Add</i>	158.89	
08 52 16 00-0281	EA 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,008.69	71.96
	<i>For Tempered Clear Insulated Glass, Add</i>	173.16	
08 52 16 00-0282	EA 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,100.44	75.51
	<i>For Tempered Clear Insulated Glass, Add</i>	189.89	
08 52 16 00-0283	EA 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,168.81	78.54
	<i>For Tempered Clear Insulated Glass, Add</i>	202.34	
08 52 16 00-0284	EA 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,264.48	83.11
	<i>For Tempered Clear Insulated Glass, Add</i>	219.66	
08 52 16 00-0285	64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0286	EA 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	906.30	66.38
	<i>For Tempered Clear Insulated Glass, Add</i>	154.71	
08 52 16 00-0287	EA 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	982.27	69.93
	<i>For Tempered Clear Insulated Glass, Add</i>	168.48	
08 52 16 00-0288	EA 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,062.96	73.98
	<i>For Tempered Clear Insulated Glass, Add</i>	183.00	
08 52 16 00-0289	EA 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,154.71	78.04
	<i>For Tempered Clear Insulated Glass, Add</i>	199.73	
08 52 16 00-0290	71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0291	EA 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	983.50	69.93
	<i>For Tempered Clear Insulated Glass, Add</i>	168.73	
08 52 16 00-0292	EA 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,059.48	73.98
	<i>For Tempered Clear Insulated Glass, Add</i>	182.51	
08 52 16 00-0293	EA 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,138.93	78.04
	<i>For Tempered Clear Insulated Glass, Add</i>	196.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0294	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,230.69 213.50	81.58
08 52 16 00-0295 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)					
08 52 16 00-0296 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0297	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	874.85 148.82	65.36
08 52 16 00-0298	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,016.08 174.43	71.96
08 52 16 00-0299 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0300	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	927.63 158.57	67.39
08 52 16 00-0301	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,059.74 182.35	73.98
08 52 16 00-0302 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0303	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	893.23 152.30	65.88
08 52 16 00-0304	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,006.45 172.91	70.94
08 52 16 00-0305	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,146.31 198.25	78.04
08 52 16 00-0306 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0307	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	943.77 161.39	68.91
08 52 16 00-0308	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,060.71 182.75	73.48
08 52 16 00-0309	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,199.35 207.85	80.06
08 52 16 00-0310 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0311	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,138.93 196.78	77.53
08 52 16 00-0312	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,277.58 221.87	84.11
08 52 16 00-0313 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0314	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,190.97 206.37	79.56
08 52 16 00-0315	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,329.60 231.46	86.14
08 52 16 00-0316 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)					
08 52 16 00-0317	EA		71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,266.94 220.15	83.11
08 52 16 00-0318	EA		84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,406.82 245.49	90.19

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0319	Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0178)			
	Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.			
08 52 16 00-0320	One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)			
08 52 16 00-0321	24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	371.14	38.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	59.03	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	392.63	39.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	62.72	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	416.68	41.55
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.71	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	438.85	43.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.34	
08 52 16 00-0326	28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	398.25	40.54
		<i>For Tempered Low-E Insulated Glass, Add</i>	63.64	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	419.75	41.55
		<i>For Tempered Low-E Insulated Glass, Add</i>	67.33	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	443.79	43.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.33	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	455.74	45.61
		<i>For Tempered Low-E Insulated Glass, Add</i>	72.91	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	483.57	47.63
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.86	
08 52 16 00-0332	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	446.86	43.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.94	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	469.88	45.61
		<i>For Tempered Low-E Insulated Glass, Add</i>	75.94	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	493.94	47.13
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.94	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	531.82	49.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	86.70	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	567.86	50.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.30	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	603.00	51.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.93	
08 52 16 00-0339	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	479.60	46.61
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.48	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	501.09	47.63
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.17	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	525.14	49.66
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.16	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	579.93	51.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	95.31	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	617.70	53.71
		<i>For Tempered Low-E Insulated Glass, Add</i>	102.26	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	653.15	55.74
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.54	
08 52 16 00-0346	48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	526.15	50.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.16	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	549.18	51.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.16	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	573.22	53.71
		<i>For Tempered Low-E Insulated Glass, Add</i>	93.16	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	648.77	55.74
		<i>For Tempered Low-E Insulated Glass, Add</i>	107.46	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	678.36	57.76
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.77	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	722.75	59.79
		<i>For Tempered Low-E Insulated Glass, Add</i>	120.84	
08 52 16 00-0353	52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)			
08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	557.89	52.70
		<i>For Tempered Low-E Insulated Glass, Add</i>	90.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0355	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	579.37 94.39	53.71
08 52 16 00-0356	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.42 98.39	55.74
08 52 16 00-0357	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	696.66 116.22	57.76
08 52 16 00-0358	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	740.80 124.45	59.79
08 52 16 00-0359	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	769.86 129.45	61.82
08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0361	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.42 98.39	55.74
08 52 16 00-0362	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	626.45 102.39	57.76
08 52 16 00-0363	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	650.49 106.38	59.29
08 52 16 00-0364	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	765.24 128.52	61.31
08 52 16 00-0365	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	796.56 134.18	62.83
08 52 16 00-0366	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	838.46 141.75	64.86
08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0368	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	636.17 103.92	58.78
08 52 16 00-0369	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	657.66 107.61	59.79
08 52 16 00-0370	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	681.70 111.61	61.82
08 52 16 00-0371	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	813.37 137.14	63.85
08 52 16 00-0372	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	842.50 142.35	65.88
08 52 16 00-0373	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	886.59 150.36	67.90
08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0375	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	681.70 111.61	61.82
08 52 16 00-0376	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	704.74 115.61	63.85
08 52 16 00-0377	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	728.77 119.61	65.36
08 52 16 00-0378	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	881.97 149.44	67.39
08 52 16 00-0379	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	917.71 155.98	68.91
08 52 16 00-0380	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	955.19 162.66	70.94
08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)					
08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0383	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	664.23 112.98	49.66
08 52 16 00-0384	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	755.59 129.63	53.71
08 52 16 00-0385	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	861.46 149.18	57.76
08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0387	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	717.07 122.74	51.68
08 52 16 00-0388	EA		48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	808.45 139.39	55.74
08 52 16 00-0389	EA		56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	914.30 158.94	59.79
08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	710.53	51.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.43	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	803.74	55.74
		<i>For Tempered Low-E Insulated Glass, Add</i>	138.65	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	901.02	59.79
		<i>For Tempered Low-E Insulated Glass, Add</i>	156.49	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,013.70	63.34
		<i>For Tempered Low-E Insulated Glass, Add</i>	177.40	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,089.17	66.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	191.28	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,214.95	70.94
		<i>For Tempered Low-E Insulated Glass, Add</i>	214.61	
08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	775.57	54.22
		<i>For Tempered Low-E Insulated Glass, Add</i>	133.43	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	868.78	57.76
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.65	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	966.06	61.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	168.48	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,078.73	65.88
		<i>For Tempered Low-E Insulated Glass, Add</i>	189.40	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,162.35	68.91
		<i>For Tempered Low-E Insulated Glass, Add</i>	204.90	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,515.23	73.48
		<i>For Tempered Low-E Insulated Glass, Add</i>	273.66	
08 52 16 00-0404 48" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	871.32	58.28
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.95	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	966.06	61.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	168.48	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,063.35	65.88
		<i>For Tempered Low-E Insulated Glass, Add</i>	186.32	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,176.01	69.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	207.23	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,256.10	72.97
		<i>For Tempered Low-E Insulated Glass, Add</i>	222.03	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,377.26	77.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	244.44	
08 52 16 00-0411 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	935.34	60.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	162.95	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,028.54	63.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	180.17	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,116.70	67.90
		<i>For Tempered Low-E Insulated Glass, Add</i>	196.18	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,238.50	71.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	218.92	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,322.43	74.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	234.49	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,441.29	79.56
		<i>For Tempered Low-E Insulated Glass, Add</i>	256.43	
08 52 16 00-0418 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,030.08	63.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	180.48	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,123.28	67.90
		<i>For Tempered Low-E Insulated Glass, Add</i>	197.70	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,220.57	71.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	215.53	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,333.23	75.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	236.45	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,417.17	78.54
		<i>For Tempered Low-E Insulated Glass, Add</i>	252.02	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,534.48	83.11
		<i>For Tempered Low-E Insulated Glass, Add</i>	273.66	
08 52 16 00-0425 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows				
(Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,095.12	66.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	192.47	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,188.31	69.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	209.69	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,287.15	73.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	227.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0429	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,399.80 248.75	78.04
08 52 16 00-0430			71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0431	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,189.85 210.00	69.93
08 52 16 00-0432	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,283.05 227.22	73.98
08 52 16 00-0433	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,380.33 245.06	78.04
08 52 16 00-0434	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,493.01 265.97	81.58
08 52 16 00-0435			One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0319)</small>		
08 52 16 00-0436			24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0437	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,058.60 185.57	65.36
08 52 16 00-0438	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,229.56 217.13	71.96
08 52 16 00-0439			28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0440	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,121.28 197.30	67.39
08 52 16 00-0441	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,283.12 227.03	73.98
08 52 16 00-0442			35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0443	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,079.04 189.46	65.88
08 52 16 00-0444	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,218.02 215.23	70.94
08 52 16 00-0445	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,389.56 246.90	78.04
08 52 16 00-0446			40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0447	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,140.94 200.82	68.91
08 52 16 00-0448	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,284.59 227.53	73.48
08 52 16 00-0449	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,454.60 258.90	80.06
08 52 16 00-0450			48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0451	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,380.33 245.06	77.53
08 52 16 00-0452	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,550.35 276.42	84.11
08 52 16 00-0453			52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0454	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,444.37 257.05	79.56
08 52 16 00-0455	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,614.37 288.42	86.14

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>			
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,537.56		83.11
		<i>For Tempered Low-E Insulated Glass, Add</i>	274.27		
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,709.11		90.19
		<i>For Tempered Low-E Insulated Glass, Add</i>	305.95		
08 52 16 00-0459		Awning Wood Clad Windows <small>(08 52 16)</small>			
		Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.			
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0459)</small>			
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.			
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0460)</small>			
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>			
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	340.06		41.55
		<i>For Tempered Clear Insulated Glass, Add</i>	51.39		
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	363.79		43.58
		<i>For Tempered Clear Insulated Glass, Add</i>	55.33		
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	383.17		45.10
		<i>For Tempered Clear Insulated Glass, Add</i>	58.60		
08 52 16 00-0466	EA	35-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	407.79		47.13
		<i>For Tempered Clear Insulated Glass, Add</i>	62.71		
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	436.22		49.66
		<i>For Tempered Clear Insulated Glass, Add</i>	67.38		
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	480.00		53.71
		<i>For Tempered Clear Insulated Glass, Add</i>	74.52		
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	507.43		55.74
		<i>For Tempered Clear Insulated Glass, Add</i>	79.19		
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	547.73		59.79
		<i>For Tempered Clear Insulated Glass, Add</i>	85.83		
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	563.33		61.82
		<i>For Tempered Clear Insulated Glass, Add</i>	87.94		
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	603.22		65.36
		<i>For Tempered Clear Insulated Glass, Add</i>	94.50		
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>			
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	358.46		43.58
		<i>For Tempered Clear Insulated Glass, Add</i>	54.46		
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	384.04		45.61
		<i>For Tempered Clear Insulated Glass, Add</i>	58.77		
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	400.82		46.61
		<i>For Tempered Clear Insulated Glass, Add</i>	61.52		
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	428.04		48.65
		<i>For Tempered Clear Insulated Glass, Add</i>	66.15		
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	456.48		51.68
		<i>For Tempered Clear Insulated Glass, Add</i>	70.82		
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	499.04		55.23
		<i>For Tempered Clear Insulated Glass, Add</i>	77.71		
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	526.46		57.76
		<i>For Tempered Clear Insulated Glass, Add</i>	82.39		
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	568.00		60.81
		<i>For Tempered Clear Insulated Glass, Add</i>	89.28		
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	582.16		63.85
		<i>For Tempered Clear Insulated Glass, Add</i>	91.09		
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	623.25		66.89
		<i>For Tempered Clear Insulated Glass, Add</i>	97.90		
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	948.83		73.98
		<i>For Tempered Clear Insulated Glass, Add</i>	160.38		
08 52 16 00-0485		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>			
08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	381.58		45.61
		<i>For Tempered Clear Insulated Glass, Add</i>	58.28		
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	405.33		47.63
		<i>For Tempered Clear Insulated Glass, Add</i>	62.21		
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	421.57		48.65
		<i>For Tempered Clear Insulated Glass, Add</i>	64.86		
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	449.31		50.68
		<i>For Tempered Clear Insulated Glass, Add</i>	69.59		
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	477.76		53.71
		<i>For Tempered Clear Insulated Glass, Add</i>	74.27		
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	521.54		57.26
		<i>For Tempered Clear Insulated Glass, Add</i>	81.40		
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	548.96		59.79
		<i>For Tempered Clear Insulated Glass, Add</i>	86.08		
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	590.50		62.83
		<i>For Tempered Clear Insulated Glass, Add</i>	92.97		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	603.22 94.50	65.88
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	643.05 101.04	68.91
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	997.74 169.35	76.01
08 52 16 00-0497			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	381.96 57.54	47.63
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	417.99 63.94	49.66
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	441.26 67.98	50.68
08 52 16 00-0501	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	484.13 75.75	52.70
08 52 16 00-0502	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	527.33 83.37	55.74
08 52 16 00-0503	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.78 94.44	59.29
08 52 16 00-0504	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	631.74 101.82	61.82
08 52 16 00-0505	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	694.19 112.89	64.86
08 52 16 00-0506	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	717.79 116.60	67.90
08 52 16 00-0507	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	778.33 127.29	70.94
08 52 16 00-0508	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,024.83 173.96	78.04
08 52 16 00-0509			31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0510	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	441.26 67.98	50.68
08 52 16 00-0511	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	466.22 72.37	52.19
08 52 16 00-0512	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	500.53 78.42	54.22
08 52 16 00-0513	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	538.98 85.09	56.76
08 52 16 00-0514	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	595.08 94.69	60.81
08 52 16 00-0515	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	633.56 101.58	62.83
08 52 16 00-0516	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.64 111.17	66.89
08 52 16 00-0517	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	727.09 117.85	68.91
08 52 16 00-0518	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	783.21 127.66	72.46
08 52 16 00-0519	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,091.32 186.64	79.05
08 52 16 00-0520			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0521	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	500.53 78.42	54.22
08 52 16 00-0522	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	549.03 87.31	56.25
08 52 16 00-0523	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	592.23 94.93	58.78
08 52 16 00-0524	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	655.70 106.01	62.83
08 52 16 00-0525	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	697.88 113.63	64.86
08 52 16 00-0526	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	759.10 124.46	68.91
08 52 16 00-0527	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	667.81 105.18	70.94
08 52 16 00-0528	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	716.19 113.44	74.49
08 52 16 00-0529			40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0530	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	584.85 93.46	58.78
08 52 16 00-0531	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	656.34 106.74	61.82

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0532	48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 16 00-0461)</small>		
08 52 16 00-0533	EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	692.60 113.39	62.83
08 52 16 00-0534	EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	765.32 126.92	65.88
08 52 16 00-0535	EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	871.83 146.60	69.42
08 52 16 00-0536	59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0537	EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	853.56 143.35	68.41
08 52 16 00-0538	EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	917.37 155.10	70.94
08 52 16 00-0539	71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0540	EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	930.94 158.62	68.91
08 52 16 00-0541	EA 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	964.51 163.11	74.49
08 52 16 00-0542	EA 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,065.16 182.22	77.02
08 52 16 00-0543	EA 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,168.59 201.29	81.08
08 52 16 00-0544	Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0460)</small>		
08 52 16 00-0545	17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0546	EA 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	301.93 43.76	41.55
08 52 16 00-0547	EA 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	324.43 47.45	43.58
08 52 16 00-0548	EA 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	339.35 49.83	45.10
08 52 16 00-0549	EA 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	363.51 53.85	47.13
08 52 16 00-0550	EA 40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	389.48 58.03	49.66
08 52 16 00-0551	EA 48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	429.56 64.43	53.71
08 52 16 00-0552	EA 52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	453.30 68.36	55.74
08 52 16 00-0553	EA 59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	491.15 74.52	59.79
08 52 16 00-0554	EA 64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	517.13 78.70	61.82
08 52 16 00-0555	EA 71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	554.98 84.85	65.36
08 52 16 00-0556	20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0557	EA 24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	319.72 46.72	43.58
08 52 16 00-0558	EA 28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	342.22 50.41	45.61
08 52 16 00-0559	EA 31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	355.96 52.54	46.61
08 52 16 00-0560	EA 35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	382.53 57.05	48.65
08 52 16 00-0561	EA 40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	408.51 61.23	51.68
08 52 16 00-0562	EA 48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	447.37 67.38	55.23
08 52 16 00-0563	EA 52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	472.34 71.56	57.76
08 52 16 00-0564	EA 59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	508.96 77.47	60.81
08 52 16 00-0565	EA 64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	536.17 81.90	63.85
08 52 16 00-0566	EA 71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	572.77 87.80	66.89
08 52 16 00-0567	24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0568	EA 24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	339.76 49.91	45.61
08 52 16 00-0569	EA 28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	362.28 53.60	47.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	374.62 55.47	48.65
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	401.34 60.00	50.68
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	427.32 64.18	53.71
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	466.18 70.33	57.26
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	491.15 74.52	59.79
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	529.00 80.67	62.83
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	554.98 84.85	65.88
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	592.82 91.00	68.91
08 52 16 00-0578			28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0579	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	342.60 49.67	47.63
08 52 16 00-0580	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	372.48 54.83	49.66
08 52 16 00-0581	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	389.10 57.55	50.68
08 52 16 00-0582	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	405.40 60.00	52.70
08 52 16 00-0583	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	460.90 70.09	55.74
08 52 16 00-0584	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	512.06 78.70	59.29
08 52 16 00-0585	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	545.63 84.60	61.82
08 52 16 00-0586	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	595.78 93.21	64.86
08 52 16 00-0587	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	631.60 99.36	67.90
08 52 16 00-0588	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	681.76 107.97	70.94
08 52 16 00-0589			31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0590	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	389.10 57.55	50.68
08 52 16 00-0591	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	409.89 61.10	52.19
08 52 16 00-0592	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	437.93 65.90	54.22
08 52 16 00-0593	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	470.13 71.32	56.76
08 52 16 00-0594	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	516.84 79.04	60.81
08 52 16 00-0595	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	548.01 84.47	62.83
08 52 16 00-0596	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	593.71 92.19	66.89
08 52 16 00-0597	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	624.85 97.40	68.91
08 52 16 00-0598	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	670.54 105.12	72.46
08 52 16 00-0599			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0600	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	437.93 65.90	54.22
08 52 16 00-0601	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	478.92 73.29	56.25
08 52 16 00-0602	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	513.51 79.19	58.78
08 52 16 00-0603	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	565.90 88.05	62.83
08 52 16 00-0604	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	599.47 93.95	64.86
08 52 16 00-0605	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	649.63 102.56	68.91
08 52 16 00-0606	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	684.22 108.47	70.94
08 52 16 00-0607	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	734.36 117.08	74.49
08 52 16 00-0608			Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0609			Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0608)</small>		
08 52 16 00-0610			17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	400.95 63.57	41.55
08 52 16 00-0612	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	429.60 68.49	43.58
08 52 16 00-0613	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	453.07 72.58	45.10
08 52 16 00-0614	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	482.83 77.71	47.13
08 52 16 00-0615	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	517.10 83.56	49.66
08 52 16 00-0616	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	569.79 92.47	53.71
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.07 98.32	55.74
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	651.67 106.62	59.79
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	669.90 109.25	61.82
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	717.99 117.45	65.36
08 52 16 00-0621			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	423.19 67.41	43.58
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	454.16 72.79	45.61
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	474.37 76.23	46.61
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	507.38 82.02	48.65
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	541.67 87.86	51.68
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	592.83 96.47	55.23
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	626.10 102.32	57.76
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	676.25 110.93	60.81
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	692.69 113.20	63.85
08 52 16 00-0631	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	742.27 121.70	66.89
08 52 16 00-0632	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,145.95 199.80	73.98
08 52 16 00-0633			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0634	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	451.08 72.18	45.61
08 52 16 00-0635	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	479.75 77.10	47.63
08 52 16 00-0636	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	499.29 80.40	48.65
08 52 16 00-0637	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	532.96 86.32	50.68
08 52 16 00-0638	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	567.24 92.17	53.71
08 52 16 00-0639	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	619.95 101.09	57.26
08 52 16 00-0640	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	653.21 106.93	59.79
08 52 16 00-0641	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	703.36 115.54	62.83
08 52 16 00-0642	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	717.99 117.45	65.88
08 52 16 00-0643	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	766.01 125.64	68.91
08 52 16 00-0644	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,206.07 211.01	76.01
08 52 16 00-0645			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	450.54 71.26	47.63
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	494.57 79.25	49.66
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	522.90 84.31	50.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	575.46 94.01	52.70
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	628.20 103.55	55.74
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	705.49 117.38	59.29
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	755.67 126.61	61.82
08 52 16 00-0653	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	831.96 140.45	64.86
08 52 16 00-0654	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	860.19 145.08	67.90
08 52 16 00-0655	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,068.00 185.22	70.94
08 52 16 00-0656	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,238.93 216.78	78.04
08 52 16 00-0657			31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0658	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	522.90 84.31	50.68
08 52 16 00-0659	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	553.33 89.79	52.19
08 52 16 00-0660	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	595.20 97.35	54.22
08 52 16 00-0661	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	642.00 105.70	56.76
08 52 16 00-0662	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	710.10 117.70	60.81
08 52 16 00-0663	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	757.18 126.30	62.83
08 52 16 00-0664	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	824.27 138.30	66.89
08 52 16 00-0665	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	871.06 146.65	68.91
08 52 16 00-0666	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	939.44 158.90	72.46
08 52 16 00-0667	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,321.27 232.63	79.05
08 52 16 00-0668			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0669	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	595.20 97.35	54.22
08 52 16 00-0670	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	654.82 108.47	56.25
08 52 16 00-0671	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	707.55 118.00	58.78
08 52 16 00-0672	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	784.86 131.84	62.83
08 52 16 00-0673	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	836.57 141.37	64.86
08 52 16 00-0674	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	911.33 154.90	68.91
08 52 16 00-0675	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	795.94 130.81	70.94
08 52 16 00-0676	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	854.64 141.13	74.49
08 52 16 00-0677			40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0678	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	693.26 116.15	58.78
08 52 16 00-0679	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	789.47 132.76	62.83
08 52 16 00-0680			48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0681	EA		35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	830.98 141.06	62.83
08 52 16 00-0682	EA		40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	920.62 157.98	65.88
08 52 16 00-0683	EA		48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,051.73 182.58	69.42
08 52 16 00-0684			59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0685	EA		35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,029.39 178.51	68.41
08 52 16 00-0686	EA		40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,107.90 193.20	70.94

08 Openings

08 50 Windows

08 52 Wood Windows

 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0687	71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0688	EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,125.87	68.91
	<i>For Tempered Low-E Insulated Glass, Add</i>	197.61	
08 52 16 00-0689	EA 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,165.05	74.49
	<i>For Tempered Low-E Insulated Glass, Add</i>	203.21	
08 52 16 00-0690	EA 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,289.58	77.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	227.11	
08 52 16 00-0691	EA 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,416.86	81.08
	<i>For Tempered Low-E Insulated Glass, Add</i>	250.94	
08 52 16 00-0692	Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0608)		
08 52 16 00-0693	17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0694	EA 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	353.28	41.55
	<i>For Tempered Low-E Insulated Glass, Add</i>	54.03	
08 52 16 00-0695	EA 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	380.40	43.58
	<i>For Tempered Low-E Insulated Glass, Add</i>	58.65	
08 52 16 00-0696	EA 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	398.30	45.10
	<i>For Tempered Low-E Insulated Glass, Add</i>	61.62	
08 52 16 00-0697	EA 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	427.47	47.13
	<i>For Tempered Low-E Insulated Glass, Add</i>	66.64	
08 52 16 00-0698	EA 40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	458.67	49.66
	<i>For Tempered Low-E Insulated Glass, Add</i>	71.87	
08 52 16 00-0699	EA 48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	506.75	53.71
	<i>For Tempered Low-E Insulated Glass, Add</i>	79.87	
08 52 16 00-0700	EA 52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	535.41	55.74
	<i>For Tempered Low-E Insulated Glass, Add</i>	84.79	
08 52 16 00-0701	EA 59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	580.94	59.79
	<i>For Tempered Low-E Insulated Glass, Add</i>	92.47	
08 52 16 00-0702	EA 64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	612.15	61.82
	<i>For Tempered Low-E Insulated Glass, Add</i>	97.70	
08 52 16 00-0703	EA 71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	657.69	65.36
	<i>For Tempered Low-E Insulated Glass, Add</i>	105.39	
08 52 16 00-0704	20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0705	EA 24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	374.76	43.58
	<i>For Tempered Low-E Insulated Glass, Add</i>	57.72	
08 52 16 00-0706	EA 28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	401.88	45.61
	<i>For Tempered Low-E Insulated Glass, Add</i>	62.34	
08 52 16 00-0707	EA 31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	418.30	46.61
	<i>For Tempered Low-E Insulated Glass, Add</i>	65.01	
08 52 16 00-0708	EA 35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	450.49	48.65
	<i>For Tempered Low-E Insulated Glass, Add</i>	70.64	
08 52 16 00-0709	EA 40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	481.70	51.68
	<i>For Tempered Low-E Insulated Glass, Add</i>	75.87	
08 52 16 00-0710	EA 48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	528.25	55.23
	<i>For Tempered Low-E Insulated Glass, Add</i>	83.56	
08 52 16 00-0711	EA 52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	558.44	57.76
	<i>For Tempered Low-E Insulated Glass, Add</i>	88.78	
08 52 16 00-0712	EA 59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	602.44	60.81
	<i>For Tempered Low-E Insulated Glass, Add</i>	96.16	
08 52 16 00-0713	EA 64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	635.19	63.85
	<i>For Tempered Low-E Insulated Glass, Add</i>	101.70	
08 52 16 00-0714	EA 71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	679.17	66.89
	<i>For Tempered Low-E Insulated Glass, Add</i>	109.08	
08 52 16 00-0715	24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0716	EA 24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	398.80	45.61
	<i>For Tempered Low-E Insulated Glass, Add</i>	61.72	
08 52 16 00-0717	EA 28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	425.94	47.63
	<i>For Tempered Low-E Insulated Glass, Add</i>	66.34	
08 52 16 00-0718	EA 31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	440.60	48.65
	<i>For Tempered Low-E Insulated Glass, Add</i>	68.66	
08 52 16 00-0719	EA 35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	472.99	50.68
	<i>For Tempered Low-E Insulated Glass, Add</i>	74.33	
08 52 16 00-0720	EA 40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	504.20	53.71
	<i>For Tempered Low-E Insulated Glass, Add</i>	79.56	
08 52 16 00-0721	EA 48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	550.75	57.26
	<i>For Tempered Low-E Insulated Glass, Add</i>	87.25	
08 52 16 00-0722	EA 52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	580.94	59.79
	<i>For Tempered Low-E Insulated Glass, Add</i>	92.47	
08 52 16 00-0723	EA 59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	626.48	62.83
	<i>For Tempered Low-E Insulated Glass, Add</i>	100.16	
08 52 16 00-0724	EA 64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	657.69	65.88
	<i>For Tempered Low-E Insulated Glass, Add</i>	105.39	
08 52 16 00-0725	EA 71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	703.22	68.91
	<i>For Tempered Low-E Insulated Glass, Add</i>	113.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0726			28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0727	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	401.33	47.63
			<i>For Tempered Low-E Insulated Glass, Add</i>	61.41	
08 52 16 00-0728	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	437.67	49.66
			<i>For Tempered Low-E Insulated Glass, Add</i>	67.87	
08 52 16 00-0729	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	457.70	50.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.27	
08 52 16 00-0730	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	477.05	52.70
			<i>For Tempered Low-E Insulated Glass, Add</i>	74.33	
08 52 16 00-0731	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	545.17	55.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	86.94	
08 52 16 00-0732	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	607.08	59.29
			<i>For Tempered Low-E Insulated Glass, Add</i>	97.70	
08 52 16 00-0733	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	648.03	61.82
			<i>For Tempered Low-E Insulated Glass, Add</i>	105.08	
08 52 16 00-0734	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	708.95	64.86
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.85	
08 52 16 00-0735	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	752.46	67.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	123.53	
08 52 16 00-0736	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	813.38	70.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.30	
08 52 16 00-0737			31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0738	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	457.70	50.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.27	
08 52 16 00-0739	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	482.91	52.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.70	
08 52 16 00-0740	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	516.96	54.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.70	
08 52 16 00-0741	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	555.93	56.76
			<i>For Tempered Low-E Insulated Glass, Add</i>	88.48	
08 52 16 00-0742	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	612.29	60.81
			<i>For Tempered Low-E Insulated Glass, Add</i>	98.13	
08 52 16 00-0743	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	650.25	62.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.92	
08 52 16 00-0744	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	705.60	66.89
			<i>For Tempered Low-E Insulated Glass, Add</i>	114.57	
08 52 16 00-0745	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	743.26	68.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.09	
08 52 16 00-0746	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	798.60	72.46
			<i>For Tempered Low-E Insulated Glass, Add</i>	130.74	
08 52 16 00-0747			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0748	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	516.96	54.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.70	
08 52 16 00-0749	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	567.17	56.25
			<i>For Tempered Low-E Insulated Glass, Add</i>	90.94	
08 52 16 00-0750	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	609.15	58.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	98.32	
08 52 16 00-0751	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	672.61	62.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.39	
08 52 16 00-0752	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	713.56	64.86
			<i>For Tempered Low-E Insulated Glass, Add</i>	116.77	
08 52 16 00-0753	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	774.48	68.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.53	
08 52 16 00-0754	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	816.45	70.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.91	
08 52 16 00-0755	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	877.36	74.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.68	
08 52 16 00-0756			Horizontal Sliding Wood Clad Windows <small>(08 52 16)</small>		
			Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757			One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0756)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758			17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0759	EA		47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	422.18	53.71
			<i>For Tempered Clear Insulated Glass, Add</i>	63.15	
08 52 16 00-0760			23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0761	EA		35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	388.78	49.66
			<i>For Tempered Clear Insulated Glass, Add</i>	57.69	
08 52 16 00-0762	EA		47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	454.07	56.76
			<i>For Tempered Clear Insulated Glass, Add</i>	68.32	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0763	35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0764	EA 35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	454.07	56.76
	<i>For Tempered Clear Insulated Glass, Add</i>	68.32	
08 52 16 00-0765	EA 47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	519.37	62.83
	<i>For Tempered Clear Insulated Glass, Add</i>	78.94	
08 52 16 00-0766	EA 59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	584.67	68.41
	<i>For Tempered Clear Insulated Glass, Add</i>	89.57	
08 52 16 00-0767	EA 71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	649.97	74.49
	<i>For Tempered Clear Insulated Glass, Add</i>	100.20	
08 52 16 00-0768	41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0769	EA 35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	487.48	59.79
	<i>For Tempered Clear Insulated Glass, Add</i>	73.78	
08 52 16 00-0770	EA 47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	551.27	65.88
	<i>For Tempered Clear Insulated Glass, Add</i>	84.11	
08 52 16 00-0771	EA 59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	616.56	71.45
	<i>For Tempered Clear Insulated Glass, Add</i>	94.73	
08 52 16 00-0772	EA 71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	734.98	77.53
	<i>For Tempered Clear Insulated Glass, Add</i>	115.99	
08 52 16 00-0773	47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0774	EA 35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	519.37	62.83
	<i>For Tempered Clear Insulated Glass, Add</i>	78.94	
08 52 16 00-0775	EA 47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	584.67	68.91
	<i>For Tempered Clear Insulated Glass, Add</i>	89.57	
08 52 16 00-0776	EA 59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	649.97	74.49
	<i>For Tempered Clear Insulated Glass, Add</i>	100.20	
08 52 16 00-0777	EA 71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	715.26	80.57
	<i>For Tempered Clear Insulated Glass, Add</i>	110.82	
08 52 16 00-0778	53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0779	EA 47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	616.56	71.96
	<i>For Tempered Clear Insulated Glass, Add</i>	94.73	
08 52 16 00-0780	EA 59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	681.85	77.53
	<i>For Tempered Clear Insulated Glass, Add</i>	105.36	
08 52 16 00-0781	EA 71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	747.15	83.61
	<i>For Tempered Clear Insulated Glass, Add</i>	115.99	
08 52 16 00-0782	59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0783	EA 47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	649.97	74.99
	<i>For Tempered Clear Insulated Glass, Add</i>	100.20	
08 52 16 00-0784	EA 59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	715.26	80.57
	<i>For Tempered Clear Insulated Glass, Add</i>	110.82	
08 52 16 00-0785	EA 71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	780.67	86.66
	<i>For Tempered Clear Insulated Glass, Add</i>	121.47	
08 52 16 00-0786	Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0756)</small>		
	Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787	22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0788	EA 35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	921.49	49.66
	<i>For Tempered Low-E Insulated Glass, Add</i>	164.23	
08 52 16 00-0789	EA 47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,096.09	56.76
	<i>For Tempered Low-E Insulated Glass, Add</i>	196.72	
08 52 16 00-0790	35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0791	EA 35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,109.76	56.76
	<i>For Tempered Low-E Insulated Glass, Add</i>	199.45	
08 52 16 00-0792	EA 47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,285.88	62.83
	<i>For Tempered Low-E Insulated Glass, Add</i>	232.25	
08 52 16 00-0793	EA 59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,460.49	68.41
	<i>For Tempered Low-E Insulated Glass, Add</i>	264.73	
08 52 16 00-0794	EA 71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,635.09	74.49
	<i>For Tempered Low-E Insulated Glass, Add</i>	297.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0795			41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0795)		
08 52 16 00-0796	EA		35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,197.82	59.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	215.85	
08 52 16 00-0797	EA		47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,372.43	65.88
			<i>For Tempered Low-E Insulated Glass, Add</i>	248.34	
08 52 16 00-0798	EA		59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,548.55	71.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	281.13	
08 52 16 00-0799	EA		71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,723.14	77.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	313.62	
08 52 16 00-0800			47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0800)		
08 52 16 00-0801	EA		35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,285.88	62.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	232.25	
08 52 16 00-0802	EA		47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,460.49	68.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	264.73	
08 52 16 00-0803	EA		59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,635.09	74.49
			<i>For Tempered Low-E Insulated Glass, Add</i>	297.22	
08 52 16 00-0804	EA		71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,811.21	80.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	330.01	
08 52 16 00-0805			59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0805)		
08 52 16 00-0806	EA		35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,460.49	68.91
			<i>For Tempered Low-E Insulated Glass, Add</i>	264.73	
08 52 16 00-0807	EA		47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,635.09	74.99
			<i>For Tempered Low-E Insulated Glass, Add</i>	297.22	
08 52 16 00-0808	EA		59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,811.21	80.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	330.01	
08 52 16 00-0809	EA		71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,985.81	86.66
			<i>For Tempered Low-E Insulated Glass, Add</i>	362.50	
08 52 16 00-0810			Picture Wood Clad Windows (08 52 16)		
			Note: Picture windows are fixed windows.		
08 52 16 00-0811			Picture Wood Clad Windows For Awning And Casement Windows (08 52 16 00-0810)		
08 52 16 00-0812			Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0811)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813			12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0814	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	331.59	40.54
			<i>For Tempered Clear Insulated Glass, Add</i>	50.10	
08 52 16 00-0815	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	387.16	44.59
			<i>For Tempered Clear Insulated Glass, Add</i>	59.59	
08 52 16 00-0816	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	411.07	46.61
			<i>For Tempered Clear Insulated Glass, Add</i>	63.57	
08 52 16 00-0817	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	445.75	50.68
			<i>For Tempered Clear Insulated Glass, Add</i>	69.08	
08 52 16 00-0818	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	469.58	52.70
			<i>For Tempered Clear Insulated Glass, Add</i>	72.84	
08 52 16 00-0819	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	504.26	56.76
			<i>For Tempered Clear Insulated Glass, Add</i>	78.35	
08 52 16 00-0820			35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0821	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	369.59	49.66
			<i>For Tempered Clear Insulated Glass, Add</i>	54.05	
08 52 16 00-0822	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	425.72	52.70
			<i>For Tempered Clear Insulated Glass, Add</i>	64.27	
08 52 16 00-0823	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	508.55	56.25
			<i>For Tempered Clear Insulated Glass, Add</i>	79.21	
08 52 16 00-0824	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	562.43	58.28
			<i>For Tempered Clear Insulated Glass, Add</i>	89.18	
08 52 16 00-0825	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	643.00	61.82
			<i>For Tempered Clear Insulated Glass, Add</i>	103.87	
08 52 16 00-0826	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	699.13	64.36
			<i>For Tempered Clear Insulated Glass, Add</i>	114.08	
08 52 16 00-0827	EA		71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,028.80	67.90
			<i>For Tempered Clear Insulated Glass, Add</i>	178.60	
08 52 16 00-0828			40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0829	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	425.72	52.70
			<i>For Tempered Clear Insulated Glass, Add</i>	64.27	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	481.84	54.73
		<i>For Tempered Clear Insulated Glass, Add</i>	74.48	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	564.68	58.78
		<i>For Tempered Clear Insulated Glass, Add</i>	89.42	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	618.56	60.81
		<i>For Tempered Clear Insulated Glass, Add</i>	99.39	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	699.13	64.86
		<i>For Tempered Clear Insulated Glass, Add</i>	114.08	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	755.26	66.89
		<i>For Tempered Clear Insulated Glass, Add</i>	124.30	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	835.84	70.94
		<i>For Tempered Clear Insulated Glass, Add</i>	138.99	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	508.55	56.76
		<i>For Tempered Clear Insulated Glass, Add</i>	79.21	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	564.68	58.78
		<i>For Tempered Clear Insulated Glass, Add</i>	89.42	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	647.52	62.83
		<i>For Tempered Clear Insulated Glass, Add</i>	104.37	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	701.39	64.86
		<i>For Tempered Clear Insulated Glass, Add</i>	114.33	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	781.97	68.91
		<i>For Tempered Clear Insulated Glass, Add</i>	129.03	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	838.10	70.94
		<i>For Tempered Clear Insulated Glass, Add</i>	139.24	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	918.68	74.99
		<i>For Tempered Clear Insulated Glass, Add</i>	153.94	
08 52 16 00-0844		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	562.43	58.78
		<i>For Tempered Clear Insulated Glass, Add</i>	89.18	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	618.56	60.81
		<i>For Tempered Clear Insulated Glass, Add</i>	99.39	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	701.39	64.86
		<i>For Tempered Clear Insulated Glass, Add</i>	114.33	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	755.26	66.89
		<i>For Tempered Clear Insulated Glass, Add</i>	124.30	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	835.84	70.94
		<i>For Tempered Clear Insulated Glass, Add</i>	138.99	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	891.97	72.97
		<i>For Tempered Clear Insulated Glass, Add</i>	149.21	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,046.03	77.02
		<i>For Tempered Clear Insulated Glass, Add</i>	178.60	
08 52 16 00-0852		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	643.00	61.82
		<i>For Tempered Clear Insulated Glass, Add</i>	103.87	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	699.13	64.86
		<i>For Tempered Clear Insulated Glass, Add</i>	114.08	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	781.97	68.41
		<i>For Tempered Clear Insulated Glass, Add</i>	129.03	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	835.84	70.44
		<i>For Tempered Clear Insulated Glass, Add</i>	138.99	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	916.42	73.98
		<i>For Tempered Clear Insulated Glass, Add</i>	153.69	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	972.54	76.51
		<i>For Tempered Clear Insulated Glass, Add</i>	163.90	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,053.12	80.06
		<i>For Tempered Clear Insulated Glass, Add</i>	178.60	
08 52 16 00-0860		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	699.13	64.86
		<i>For Tempered Clear Insulated Glass, Add</i>	114.08	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	755.26	66.89
		<i>For Tempered Clear Insulated Glass, Add</i>	124.30	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	838.10	70.94
		<i>For Tempered Clear Insulated Glass, Add</i>	139.24	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	891.97	72.97
		<i>For Tempered Clear Insulated Glass, Add</i>	149.21	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,046.03	77.02
		<i>For Tempered Clear Insulated Glass, Add</i>	178.60	
08 52 16 00-0866		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	779.70	67.90
		<i>For Tempered Clear Insulated Glass, Add</i>	128.78	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	835.84 138.99	70.94
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	918.68 153.94	74.49
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	972.54 163.90	76.51
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,053.12 178.60	80.06
08 52 16 00-0872		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0811)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0873		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0872)</small>		
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	390.35 61.85	40.54
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	457.05 73.57	44.59
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	485.62 78.48	46.61
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	526.77 85.29	50.68
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	555.00 89.92	52.70
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	596.16 96.73	56.76
08 52 16 00-0880		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0872)</small>		
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	432.98 66.73	49.66
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	501.09 79.34	52.70
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	601.45 97.79	56.25
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	667.01 110.09	58.28
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	764.82 128.24	61.82
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	832.93 140.84	64.36
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,238.27 220.49	67.90
08 52 16 00-0888		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0872)</small>		
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	501.09 79.34	52.70
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	569.19 91.95	54.73
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	669.56 110.40	58.78
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	735.13 122.70	60.81
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	832.93 140.84	64.86
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	901.04 153.45	66.89
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	998.86 171.60	70.94
08 52 16 00-0896		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08 52 16 00-0872)</small>		
08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	601.45 97.79	56.76
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	669.56 110.40	58.78
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	769.93 128.85	62.83
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	835.48 141.15	64.86
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	933.30 159.30	68.91
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,001.41 171.90	70.94
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,099.22 190.05	74.99

08 Openings**08 50 Windows****08 52 Wood Windows**

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0904				52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0905	EA			35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	667.01	58.78
				<i>For Tempered Low-E Insulated Glass, Add</i>	110.09	
08 52 16 00-0906	EA			40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	735.13	60.81
				<i>For Tempered Low-E Insulated Glass, Add</i>	122.70	
08 52 16 00-0907	EA			48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	835.48	64.86
				<i>For Tempered Low-E Insulated Glass, Add</i>	141.15	
08 52 16 00-0908	EA			52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	901.04	66.89
				<i>For Tempered Low-E Insulated Glass, Add</i>	153.45	
08 52 16 00-0909	EA			59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	998.86	70.94
				<i>For Tempered Low-E Insulated Glass, Add</i>	171.60	
08 52 16 00-0910	EA			64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,066.97	72.97
				<i>For Tempered Low-E Insulated Glass, Add</i>	184.21	
08 52 16 00-0911	EA			71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,255.50	77.02
				<i>For Tempered Low-E Insulated Glass, Add</i>	220.49	
08 52 16 00-0912				59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0913	EA			35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	764.82	61.82
				<i>For Tempered Low-E Insulated Glass, Add</i>	128.24	
08 52 16 00-0914	EA			40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	832.93	64.86
				<i>For Tempered Low-E Insulated Glass, Add</i>	140.84	
08 52 16 00-0915	EA			48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	933.30	68.41
				<i>For Tempered Low-E Insulated Glass, Add</i>	159.30	
08 52 16 00-0916	EA			52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	998.86	70.44
				<i>For Tempered Low-E Insulated Glass, Add</i>	171.60	
08 52 16 00-0917	EA			59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,096.67	73.98
				<i>For Tempered Low-E Insulated Glass, Add</i>	189.74	
08 52 16 00-0918	EA			64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,164.78	76.51
				<i>For Tempered Low-E Insulated Glass, Add</i>	202.35	
08 52 16 00-0919	EA			71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,262.59	80.06
				<i>For Tempered Low-E Insulated Glass, Add</i>	220.49	
08 52 16 00-0920				64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0921	EA			35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	832.93	64.86
				<i>For Tempered Low-E Insulated Glass, Add</i>	140.84	
08 52 16 00-0922	EA			40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	901.04	66.89
				<i>For Tempered Low-E Insulated Glass, Add</i>	153.45	
08 52 16 00-0923	EA			48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,001.41	70.94
				<i>For Tempered Low-E Insulated Glass, Add</i>	171.90	
08 52 16 00-0924	EA			52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,066.97	72.97
				<i>For Tempered Low-E Insulated Glass, Add</i>	184.21	
08 52 16 00-0925	EA			59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,255.50	77.02
				<i>For Tempered Low-E Insulated Glass, Add</i>	220.49	
08 52 16 00-0926				71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0927	EA			35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	930.74	67.90
				<i>For Tempered Low-E Insulated Glass, Add</i>	158.99	
08 52 16 00-0928	EA			40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	998.86	70.94
				<i>For Tempered Low-E Insulated Glass, Add</i>	171.60	
08 52 16 00-0929	EA			48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,099.22	74.49
				<i>For Tempered Low-E Insulated Glass, Add</i>	190.05	
08 52 16 00-0930	EA			52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,164.78	76.51
				<i>For Tempered Low-E Insulated Glass, Add</i>	202.35	
08 52 16 00-0931	EA			59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,262.59	80.06
				<i>For Tempered Low-E Insulated Glass, Add</i>	220.49	
08 52 16 00-0932				Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)		
08 52 16 00-0933				Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932)		
				Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934				35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0935	EA			56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	474.11	63.34
				<i>For Tempered Clear Insulated Glass, Add</i>	69.48	
08 52 16 00-0936	EA			59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	486.68	64.86
				<i>For Tempered Clear Insulated Glass, Add</i>	71.39	
08 52 16 00-0937				47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0938	EA			47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	486.68	64.86
				<i>For Tempered Clear Insulated Glass, Add</i>	71.39	
08 52 16 00-0939	EA			71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	590.03	77.02
				<i>For Tempered Clear Insulated Glass, Add</i>	87.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0940			53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0941	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	552.29 81.47	72.46
08 52 16 00-0942	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	564.88 83.38	73.98
08 52 16 00-0943			56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0944	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	474.11 69.48	63.85
08 52 16 00-0945	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	552.29 81.47	72.46
08 52 16 00-0946			59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0947	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	486.68 71.39	64.86
08 52 16 00-0948	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	564.88 83.38	73.98
08 52 16 00-0949	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.03 87.20	77.02
08 52 16 00-0950	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.54 91.28	80.06
08 52 16 00-0951			65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0952	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.54 91.28	80.06
08 52 16 00-0953			71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0954	EA		47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.03 87.20	77.02
08 52 16 00-0955			Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0932)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956			48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0957	EA		12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	521.70 85.29	47.63
08 52 16 00-0958	EA		37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	726.88 121.26	60.81
08 52 16 00-0959	EA		41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	758.18 126.71	62.33
08 52 16 00-0960	EA		47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	805.15 134.88	65.36
08 52 16 00-0961	EA		51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	836.45 140.33	67.90
08 52 16 00-0962	EA		59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	900.42 151.50	71.45
08 52 16 00-0963	EA		67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	964.38 162.68	76.01
08 52 16 00-0964			52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0965	EA		12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	554.37 91.01	49.66
08 52 16 00-0966	EA		37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	758.18 126.71	62.83
08 52 16 00-0967	EA		41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	790.85 132.43	64.36
08 52 16 00-0968	EA		47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	836.45 140.33	67.39
08 52 16 00-0969	EA		51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	869.11 146.05	69.93
08 52 16 00-0970	EA		59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	933.08 157.23	73.48
08 52 16 00-0971	EA		67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	997.04 168.40	78.04

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0972			56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0973	EA		12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 585.67	51.68	
			<i>For Tempered Low-E Insulated Glass, Add</i> 96.46		
08 52 16 00-0974	EA		37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 790.85	64.86	
			<i>For Tempered Low-E Insulated Glass, Add</i> 132.43		
08 52 16 00-0975	EA		41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 822.16	66.38	
			<i>For Tempered Low-E Insulated Glass, Add</i> 137.88		
08 52 16 00-0976	EA		47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 869.11	69.42	
			<i>For Tempered Low-E Insulated Glass, Add</i> 146.05		
08 52 16 00-0977	EA		51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 900.42	71.96	
			<i>For Tempered Low-E Insulated Glass, Add</i> 151.50		
08 52 16 00-0978	EA		59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 964.38	75.51	
			<i>For Tempered Low-E Insulated Glass, Add</i> 162.68		
08 52 16 00-0979	EA		67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,029.72	80.06	
			<i>For Tempered Low-E Insulated Glass, Add</i> 174.12		
08 52 16 00-0980			60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0981	EA		12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 618.33	53.71	
			<i>For Tempered Low-E Insulated Glass, Add</i> 102.18		
08 52 16 00-0982	EA		37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 822.16	66.89	
			<i>For Tempered Low-E Insulated Glass, Add</i> 137.88		
08 52 16 00-0983	EA		41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 854.82	68.41	
			<i>For Tempered Low-E Insulated Glass, Add</i> 143.60		
08 52 16 00-0984	EA		47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 900.42	71.45	
			<i>For Tempered Low-E Insulated Glass, Add</i> 151.50		
08 52 16 00-0985	EA		51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 933.08	73.98	
			<i>For Tempered Low-E Insulated Glass, Add</i> 157.23		
08 52 16 00-0986	EA		59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 997.04	77.53	
			<i>For Tempered Low-E Insulated Glass, Add</i> 168.40		
08 52 16 00-0987	EA		67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,061.02	82.09	
			<i>For Tempered Low-E Insulated Glass, Add</i> 179.57		
08 52 16 00-0988			64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0989	EA		12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 649.64	55.74	
			<i>For Tempered Low-E Insulated Glass, Add</i> 107.63		
08 52 16 00-0990	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 854.82	68.91	
			<i>For Tempered Low-E Insulated Glass, Add</i> 143.60		
08 52 16 00-0991	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 887.49	70.44	
			<i>For Tempered Low-E Insulated Glass, Add</i> 149.32		
08 52 16 00-0992	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 933.08	73.48	
			<i>For Tempered Low-E Insulated Glass, Add</i> 157.23		
08 52 16 00-0993	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 964.38	76.01	
			<i>For Tempered Low-E Insulated Glass, Add</i> 162.68		
08 52 16 00-0994	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,029.72	79.56	
			<i>For Tempered Low-E Insulated Glass, Add</i> 174.12		
08 52 16 00-0995	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,093.68	84.11	
			<i>For Tempered Low-E Insulated Glass, Add</i> 185.29		
08 52 16 00-0996			68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0997	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 682.31	57.76	
			<i>For Tempered Low-E Insulated Glass, Add</i> 113.35		
08 52 16 00-0998	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 887.49	70.94	
			<i>For Tempered Low-E Insulated Glass, Add</i> 149.32		
08 52 16 00-0999	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 918.78	72.46	
			<i>For Tempered Low-E Insulated Glass, Add</i> 154.77		
08 52 16 00-1000	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 964.38	75.51	
			<i>For Tempered Low-E Insulated Glass, Add</i> 162.68		
08 52 16 00-1001	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 997.04	78.04	
			<i>For Tempered Low-E Insulated Glass, Add</i> 168.40		
08 52 16 00-1002	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,061.02	81.58	
			<i>For Tempered Low-E Insulated Glass, Add</i> 179.57		
08 52 16 00-1003	EA		67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,124.98	86.14	
			<i>For Tempered Low-E Insulated Glass, Add</i> 190.74		
08 52 16 00-1004			72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-1005	EA		12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 713.61	59.79	
			<i>For Tempered Low-E Insulated Glass, Add</i> 118.80		
08 52 16 00-1006	EA		37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 918.78	72.97	
			<i>For Tempered Low-E Insulated Glass, Add</i> 154.77		
08 52 16 00-1007	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 951.46	74.49	
			<i>For Tempered Low-E Insulated Glass, Add</i> 160.50		
08 52 16 00-1008	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 997.04	77.53	
			<i>For Tempered Low-E Insulated Glass, Add</i> 168.40		
08 52 16 00-1009	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 1,029.72	80.06	
			<i>For Tempered Low-E Insulated Glass, Add</i> 174.12		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-1010	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,093.68 185.29	83.61
08 52 16 00-1011	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,157.65 196.46	88.17
08 52 16 00-1012			76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-1013	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	746.27 124.53	61.82
08 52 16 00-1014	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	951.46 160.50	74.99
08 52 16 00-1015	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	982.75 165.94	76.51
08 52 16 00-1016	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,029.72 174.12	79.56
08 52 16 00-1017	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.02 179.57	82.09
08 52 16 00-1018	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,124.98 190.74	85.64
08 52 16 00-1019	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,188.95 201.91	90.19
08 52 16 00-1020			Picture Wood Clad Windows For Horizontal Sliding Windows (08 52 16 00-0810)		
08 52 16 00-1021			Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1020) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022			35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1023	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	474.11 69.48	63.34
08 52 16 00-1024	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	486.68 71.39	64.86
08 52 16 00-1025			47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1026	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	486.68 71.39	64.86
08 52 16 00-1027	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.03 87.20	77.02
08 52 16 00-1028			53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1029	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	552.29 81.47	72.46
08 52 16 00-1030	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	564.88 83.38	73.98
08 52 16 00-1031			56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1032	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	474.11 69.48	63.85
08 52 16 00-1033	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	552.29 81.47	72.46
08 52 16 00-1034			59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1035	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	486.68 71.39	64.86
08 52 16 00-1036	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	564.88 83.38	73.98
08 52 16 00-1037	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	590.03 87.20	77.02
08 52 16 00-1038	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.54 91.28	80.06
08 52 16 00-1039			65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1040	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.54 91.28	80.06
08 52 16 00-1041			71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	590.03 87.20	77.02
08 52 16 00-1043		Basement Wood Clad Windows (08 52 16) Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-1043) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	253.14	40.54
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	266.06	40.54
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	277.43	40.54
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows (08 52 16)		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	33.62	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	49.54	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	67.24	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	84.93	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	120.32	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	53.79	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	79.27	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	107.58	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	135.89	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	192.51	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	64.55	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	95.12	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	129.10	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	163.07	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	231.01	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	77.46	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	114.14	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	154.91	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	195.68	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	277.21	
08 52 66		Wood Window Screens (08 52)		
08 52 66 00-0001		Insect Screens For Wood Clad Windows (08 52 66)		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	36.80	7.33
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	43.13	7.33
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	46.29	7.33
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	52.61	7.33
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	65.26	7.33
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	71.59	7.33
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	77.91	7.33
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	84.23	7.33
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.54	0.15
08 53		Plastic Windows (08 50)		
08 53 13		Vinyl Windows (08 53)		
08 53 13 00-0001		Single Hung Vinyl Windows (08 53 13)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0002			New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0001)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003			34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0004	EA		24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.31	46.61
			For Colored Vinyl, Add	12.91	
			For Tinted Glass, Add	15.49	
			For Low-E Insulated Glass, Add	32.27	
			For Obscure Glass, Add	35.49	
08 53 13 00-0005	EA		28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.55	48.65
			For Colored Vinyl, Add	13.63	
			For Tinted Glass, Add	16.35	
			For Low-E Insulated Glass, Add	34.07	
			For Obscure Glass, Add	37.47	
08 53 13 00-0006	EA		30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	238.36	49.66
			For Colored Vinyl, Add	13.90	
			For Tinted Glass, Add	16.68	
			For Low-E Insulated Glass, Add	34.76	
			For Obscure Glass, Add	38.24	
08 53 13 00-0007	EA		32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	243.52	50.68
			For Colored Vinyl, Add	14.22	
			For Tinted Glass, Add	17.06	
			For Low-E Insulated Glass, Add	35.55	
			For Obscure Glass, Add	39.10	
08 53 13 00-0008	EA		36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	256.38	52.70
			For Colored Vinyl, Add	15.10	
			For Tinted Glass, Add	18.12	
			For Low-E Insulated Glass, Add	37.75	
			For Obscure Glass, Add	41.52	
08 53 13 00-0009	EA		44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	277.78	56.76
			For Colored Vinyl, Add	16.43	
			For Tinted Glass, Add	19.71	
			For Low-E Insulated Glass, Add	41.07	
			For Obscure Glass, Add	45.17	
08 53 13 00-0010			36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0011	EA		24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.86	47.63
			For Colored Vinyl, Add	13.16	
			For Tinted Glass, Add	15.79	
			For Low-E Insulated Glass, Add	32.90	
			For Obscure Glass, Add	36.19	
08 53 13 00-0012	EA		28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	238.12	48.65
			For Colored Vinyl, Add	13.88	
			For Tinted Glass, Add	16.66	
			For Low-E Insulated Glass, Add	34.70	
			For Obscure Glass, Add	38.17	
08 53 13 00-0013	EA		30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	242.91	50.68
			For Colored Vinyl, Add	14.16	
			For Tinted Glass, Add	16.99	
			For Low-E Insulated Glass, Add	35.39	
			For Obscure Glass, Add	38.93	
08 53 13 00-0014	EA		32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	248.08	51.68
			For Colored Vinyl, Add	14.47	
			For Tinted Glass, Add	17.37	
			For Low-E Insulated Glass, Add	36.18	
			For Obscure Glass, Add	39.80	
08 53 13 00-0015	EA		36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	260.93	53.71
			For Colored Vinyl, Add	15.35	
			For Tinted Glass, Add	18.42	
			For Low-E Insulated Glass, Add	38.38	
			For Obscure Glass, Add	42.22	
08 53 13 00-0016	EA		44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	282.34	57.76
			For Colored Vinyl, Add	16.68	
			For Tinted Glass, Add	20.02	
			For Low-E Insulated Glass, Add	41.70	
			For Obscure Glass, Add	45.87	
08 53 13 00-0017			38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0018	EA		24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	231.30	48.65
			For Colored Vinyl, Add	13.40	
			For Tinted Glass, Add	16.08	
			For Low-E Insulated Glass, Add	33.50	
			For Obscure Glass, Add	36.85	
08 53 13 00-0019	EA		28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	242.55	50.68
			For Colored Vinyl, Add	14.12	
			For Tinted Glass, Add	16.95	
			For Low-E Insulated Glass, Add	35.30	
			For Obscure Glass, Add	38.83	
08 53 13 00-0020	EA		30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.52	51.68
			For Colored Vinyl, Add	14.42	
			For Tinted Glass, Add	17.30	
			For Low-E Insulated Glass, Add	36.04	
			For Obscure Glass, Add	39.64	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0021	EA 32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	252.69	52.70
	For Colored Vinyl, Add	14.73	
	For Tinted Glass, Add	17.67	
	For Low-E Insulated Glass, Add	36.82	
	For Obscure Glass, Add	40.50	
08 53 13 00-0022	EA 36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	265.72	54.73
	For Colored Vinyl, Add	15.63	
	For Tinted Glass, Add	18.75	
	For Low-E Insulated Glass, Add	39.07	
	For Obscure Glass, Add	42.97	
08 53 13 00-0023	EA 44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	287.36	58.78
	For Colored Vinyl, Add	16.98	
	For Tinted Glass, Add	20.38	
	For Low-E Insulated Glass, Add	42.45	
	For Obscure Glass, Add	46.70	
08 53 13 00-0024	44" Height, New Construction, Single Hung Vinyl Windows (Silver Line		
	2200) (08 53 13 00-0002)		
08 53 13 00-0025	EA 24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	244.84	51.68
	For Colored Vinyl, Add	14.15	
	For Tinted Glass, Add	16.98	
	For Low-E Insulated Glass, Add	35.37	
	For Obscure Glass, Add	38.90	
08 53 13 00-0026	EA 28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	256.09	53.71
	For Colored Vinyl, Add	14.87	
	For Tinted Glass, Add	17.84	
	For Low-E Insulated Glass, Add	37.17	
	For Obscure Glass, Add	40.88	
08 53 13 00-0027	EA 30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	261.58	54.73
	For Colored Vinyl, Add	15.21	
	For Tinted Glass, Add	18.26	
	For Low-E Insulated Glass, Add	38.03	
	For Obscure Glass, Add	41.84	
08 53 13 00-0028	EA 32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	266.75	55.74
	For Colored Vinyl, Add	15.53	
	For Tinted Glass, Add	18.63	
	For Low-E Insulated Glass, Add	38.82	
	For Obscure Glass, Add	42.70	
08 53 13 00-0029	EA 36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	280.32	57.76
	For Colored Vinyl, Add	16.48	
	For Tinted Glass, Add	19.77	
	For Low-E Insulated Glass, Add	41.20	
	For Obscure Glass, Add	45.31	
08 53 13 00-0030	EA 44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	302.62	61.82
	For Colored Vinyl, Add	17.90	
	For Tinted Glass, Add	21.48	
	For Low-E Insulated Glass, Add	44.75	
	For Obscure Glass, Add	49.22	
08 53 13 00-0031	46" Height, New Construction, Single Hung Vinyl Windows (Silver Line		
	2200) (08 53 13 00-0002)		
08 53 13 00-0032	EA 24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	249.41	52.70
	For Colored Vinyl, Add	14.40	
	For Tinted Glass, Add	17.28	
	For Low-E Insulated Glass, Add	36.00	
	For Obscure Glass, Add	39.60	
08 53 13 00-0033	EA 28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	260.65	54.73
	For Colored Vinyl, Add	15.12	
	For Tinted Glass, Add	18.14	
	For Low-E Insulated Glass, Add	37.80	
	For Obscure Glass, Add	41.58	
08 53 13 00-0034	EA 30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	266.31	55.74
	For Colored Vinyl, Add	15.48	
	For Tinted Glass, Add	18.58	
	For Low-E Insulated Glass, Add	38.71	
	For Obscure Glass, Add	42.58	
08 53 13 00-0035	EA 32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	271.48	56.76
	For Colored Vinyl, Add	15.80	
	For Tinted Glass, Add	18.96	
	For Low-E Insulated Glass, Add	39.49	
	For Obscure Glass, Add	43.44	
08 53 13 00-0036	EA 36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	285.19	58.78
	For Colored Vinyl, Add	16.76	
	For Tinted Glass, Add	20.12	
	For Low-E Insulated Glass, Add	41.91	
	For Obscure Glass, Add	46.10	
08 53 13 00-0037	EA 44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	307.75	62.83
	For Colored Vinyl, Add	18.21	
	For Tinted Glass, Add	21.85	
	For Low-E Insulated Glass, Add	45.52	
	For Obscure Glass, Add	50.07	
08 53 13 00-0038	48" Height, New Construction, Single Hung Vinyl Windows (Silver Line		
	2200) (08 53 13 00-0002)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0039	EA		24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.00	53.71
			For Colored Vinyl, Add	14.66	
			For Tinted Glass, Add	17.59	
			For Low-E Insulated Glass, Add	36.65	
			For Obscure Glass, Add	40.31	
08 53 13 00-0040	EA		28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	265.25	55.74
			For Colored Vinyl, Add	15.38	
			For Tinted Glass, Add	18.45	
			For Low-E Insulated Glass, Add	38.44	
			For Obscure Glass, Add	42.29	
08 53 13 00-0041	EA		30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	271.07	56.76
			For Colored Vinyl, Add	15.76	
			For Tinted Glass, Add	18.91	
			For Low-E Insulated Glass, Add	39.39	
			For Obscure Glass, Add	43.33	
08 53 13 00-0042	EA		32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	276.24	57.76
			For Colored Vinyl, Add	16.07	
			For Tinted Glass, Add	19.28	
			For Low-E Insulated Glass, Add	40.18	
			For Obscure Glass, Add	44.19	
08 53 13 00-0043	EA		36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	290.14	59.79
			For Colored Vinyl, Add	17.06	
			For Tinted Glass, Add	20.47	
			For Low-E Insulated Glass, Add	42.64	
			For Obscure Glass, Add	46.90	
08 53 13 00-0044	EA		44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	312.91	63.85
			For Colored Vinyl, Add	18.52	
			For Tinted Glass, Add	22.23	
			For Low-E Insulated Glass, Add	46.31	
			For Obscure Glass, Add	50.94	
08 53 13 00-0045			50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046	EA		24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	258.44	54.73
			For Colored Vinyl, Add	14.90	
			For Tinted Glass, Add	17.88	
			For Low-E Insulated Glass, Add	37.25	
			For Obscure Glass, Add	40.97	
08 53 13 00-0047	EA		28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	269.69	56.76
			For Colored Vinyl, Add	15.62	
			For Tinted Glass, Add	18.74	
			For Low-E Insulated Glass, Add	39.05	
			For Obscure Glass, Add	42.95	
08 53 13 00-0048	EA		30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	275.70	57.76
			For Colored Vinyl, Add	16.02	
			For Tinted Glass, Add	19.22	
			For Low-E Insulated Glass, Add	40.04	
			For Obscure Glass, Add	44.04	
08 53 13 00-0049	EA		32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	280.86	58.78
			For Colored Vinyl, Add	16.33	
			For Tinted Glass, Add	19.60	
			For Low-E Insulated Glass, Add	40.83	
			For Obscure Glass, Add	44.91	
08 53 13 00-0050	EA		36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	294.93	60.81
			For Colored Vinyl, Add	17.33	
			For Tinted Glass, Add	20.80	
			For Low-E Insulated Glass, Add	43.33	
			For Obscure Glass, Add	47.66	
08 53 13 00-0051	EA		44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	317.92	64.86
			For Colored Vinyl, Add	18.82	
			For Tinted Glass, Add	22.58	
			For Low-E Insulated Glass, Add	47.05	
			For Obscure Glass, Add	51.76	
08 53 13 00-0052			52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0053	EA		24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	262.90	55.74
			For Colored Vinyl, Add	15.14	
			For Tinted Glass, Add	18.17	
			For Low-E Insulated Glass, Add	37.86	
			For Obscure Glass, Add	41.64	
08 53 13 00-0054	EA		28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	274.16	57.76
			For Colored Vinyl, Add	15.86	
			For Tinted Glass, Add	19.03	
			For Low-E Insulated Glass, Add	39.66	
			For Obscure Glass, Add	43.62	
08 53 13 00-0055	EA		30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	280.33	58.78
			For Colored Vinyl, Add	16.28	
			For Tinted Glass, Add	19.53	
			For Low-E Insulated Glass, Add	40.69	
			For Obscure Glass, Add	44.76	
08 53 13 00-0056	EA		32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	285.50	59.79
			For Colored Vinyl, Add	16.59	
			For Tinted Glass, Add	19.91	
			For Low-E Insulated Glass, Add	41.48	
			For Obscure Glass, Add	45.63	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0057	EA 36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	299.75	61.82
	For Colored Vinyl, Add	17.61	
	For Tinted Glass, Add	21.13	
	For Low-E Insulated Glass, Add	44.03	
	For Obscure Glass, Add	48.43	
08 53 13 00-0058	EA 44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	322.97	65.88
	For Colored Vinyl, Add	19.12	
	For Tinted Glass, Add	22.95	
	For Low-E Insulated Glass, Add	47.81	
	For Obscure Glass, Add	52.59	
08 53 13 00-0059	54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0060	EA 24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	267.36	56.76
	For Colored Vinyl, Add	15.39	
	For Tinted Glass, Add	18.46	
	For Low-E Insulated Glass, Add	38.46	
	For Obscure Glass, Add	42.31	
08 53 13 00-0061	EA 28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	278.61	58.78
	For Colored Vinyl, Add	16.11	
	For Tinted Glass, Add	19.33	
	For Low-E Insulated Glass, Add	40.26	
	For Obscure Glass, Add	44.29	
08 53 13 00-0062	EA 30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	284.95	59.79
	For Colored Vinyl, Add	16.54	
	For Tinted Glass, Add	19.84	
	For Low-E Insulated Glass, Add	41.34	
	For Obscure Glass, Add	45.47	
08 53 13 00-0063	EA 32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	290.13	60.81
	For Colored Vinyl, Add	16.85	
	For Tinted Glass, Add	20.22	
	For Low-E Insulated Glass, Add	42.13	
	For Obscure Glass, Add	46.34	
08 53 13 00-0064	EA 36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	304.53	62.83
	For Colored Vinyl, Add	17.89	
	For Tinted Glass, Add	21.46	
	For Low-E Insulated Glass, Add	44.72	
	For Obscure Glass, Add	49.19	
08 53 13 00-0065	EA 44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	327.97	66.89
	For Colored Vinyl, Add	19.42	
	For Tinted Glass, Add	23.30	
	For Low-E Insulated Glass, Add	48.55	
	For Obscure Glass, Add	53.41	
08 53 13 00-0066	60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067	EA 24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	281.04	59.79
	For Colored Vinyl, Add	16.15	
	For Tinted Glass, Add	19.37	
	For Low-E Insulated Glass, Add	40.36	
	For Obscure Glass, Add	44.40	
08 53 13 00-0068	EA 28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	292.29	61.82
	For Colored Vinyl, Add	16.87	
	For Tinted Glass, Add	20.24	
	For Low-E Insulated Glass, Add	42.16	
	For Obscure Glass, Add	46.38	
08 53 13 00-0069	EA 30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	299.12	62.83
	For Colored Vinyl, Add	17.35	
	For Tinted Glass, Add	20.81	
	For Low-E Insulated Glass, Add	43.36	
	For Obscure Glass, Add	47.70	
08 53 13 00-0070	EA 32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	304.28	63.85
	For Colored Vinyl, Add	17.66	
	For Tinted Glass, Add	21.19	
	For Low-E Insulated Glass, Add	44.15	
	For Obscure Glass, Add	48.56	
08 53 13 00-0071	EA 36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	319.22	65.88
	For Colored Vinyl, Add	18.75	
	For Tinted Glass, Add	22.50	
	For Low-E Insulated Glass, Add	46.87	
	For Obscure Glass, Add	51.55	
08 53 13 00-0072	EA 44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	343.35	69.93
	For Colored Vinyl, Add	20.35	
	For Tinted Glass, Add	24.42	
	For Low-E Insulated Glass, Add	50.88	
	For Obscure Glass, Add	55.96	
08 53 13 00-0073	62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074	EA 24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	285.51	60.81
	For Colored Vinyl, Add	16.39	
	For Tinted Glass, Add	19.67	
	For Low-E Insulated Glass, Add	40.97	
	For Obscure Glass, Add	45.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0075	EA		28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	296.75	62.83
			For Colored Vinyl, Add	17.11	
			For Tinted Glass, Add	20.53	
			For Low-E Insulated Glass, Add	42.77	
			For Obscure Glass, Add	47.05	
08 53 13 00-0076	EA		30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	303.78	63.85
			For Colored Vinyl, Add	17.61	
			For Tinted Glass, Add	21.13	
			For Low-E Insulated Glass, Add	44.02	
			For Obscure Glass, Add	48.42	
08 53 13 00-0077	EA		32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	308.95	64.86
			For Colored Vinyl, Add	17.92	
			For Tinted Glass, Add	21.51	
			For Low-E Insulated Glass, Add	44.81	
			For Obscure Glass, Add	49.29	
08 53 13 00-0078	EA		36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	324.04	66.89
			For Colored Vinyl, Add	19.03	
			For Tinted Glass, Add	22.83	
			For Low-E Insulated Glass, Add	47.57	
			For Obscure Glass, Add	52.32	
08 53 13 00-0079	EA		44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	348.43	70.94
			For Colored Vinyl, Add	20.65	
			For Tinted Glass, Add	24.78	
			For Low-E Insulated Glass, Add	51.64	
			For Obscure Glass, Add	56.80	
08 53 13 00-0080			66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081	EA		24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	294.54	62.83
			For Colored Vinyl, Add	16.89	
			For Tinted Glass, Add	20.26	
			For Low-E Insulated Glass, Add	42.22	
			For Obscure Glass, Add	46.44	
08 53 13 00-0082	EA		28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	305.78	64.86
			For Colored Vinyl, Add	17.61	
			For Tinted Glass, Add	21.13	
			For Low-E Insulated Glass, Add	44.02	
			For Obscure Glass, Add	48.42	
08 53 13 00-0083	EA		30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	313.14	65.88
			For Colored Vinyl, Add	18.14	
			For Tinted Glass, Add	21.77	
			For Low-E Insulated Glass, Add	45.35	
			For Obscure Glass, Add	49.88	
08 53 13 00-0084	EA		32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	318.31	66.89
			For Colored Vinyl, Add	18.45	
			For Tinted Glass, Add	22.14	
			For Low-E Insulated Glass, Add	46.14	
			For Obscure Glass, Add	50.75	
08 53 13 00-0085	EA		36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	333.78	68.91
			For Colored Vinyl, Add	19.60	
			For Tinted Glass, Add	23.51	
			For Low-E Insulated Glass, Add	48.99	
			For Obscure Glass, Add	53.89	
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	358.58	72.97
			For Colored Vinyl, Add	21.26	
			For Tinted Glass, Add	25.52	
			For Low-E Insulated Glass, Add	53.16	
			For Obscure Glass, Add	58.48	
08 53 13 00-0087			72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	308.22	65.88
			For Colored Vinyl, Add	17.65	
			For Tinted Glass, Add	21.18	
			For Low-E Insulated Glass, Add	44.12	
			For Obscure Glass, Add	48.53	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	319.46	67.90
			For Colored Vinyl, Add	18.37	
			For Tinted Glass, Add	22.04	
			For Low-E Insulated Glass, Add	45.92	
			For Obscure Glass, Add	50.51	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	326.82	68.91
			For Colored Vinyl, Add	18.90	
			For Tinted Glass, Add	22.68	
			For Low-E Insulated Glass, Add	47.25	
			For Obscure Glass, Add	51.97	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	331.99	69.93
			For Colored Vinyl, Add	19.21	
			For Tinted Glass, Add	23.06	
			For Low-E Insulated Glass, Add	48.04	
			For Obscure Glass, Add	52.84	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	347.45	71.96
			For Colored Vinyl, Add	20.35	
			For Tinted Glass, Add	24.42	
			For Low-E Insulated Glass, Add	50.89	
			For Obscure Glass, Add	55.97	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0093	EA 44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	372.26	76.01
	For Colored Vinyl, Add	22.02	
	For Tinted Glass, Add	26.43	
	For Low-E Insulated Glass, Add	55.06	
	For Obscure Glass, Add	60.57	
08 53 13 00-0094	Replacement, Single Hung Vinyl Windows (Silver Line 2000) (08 53 13 00-0001)		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	313.52	53.21
	For Colored Vinyl, Add	20.71	
	For Tinted Glass, Add	24.85	
	For Low-E Insulated Glass, Add	51.78	
	For Obscure Glass, Add	56.96	
08 53 13 00-0096	EA >73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	343.62	58.28
	For Colored Vinyl, Add	22.71	
	For Tinted Glass, Add	27.25	
	For Low-E Insulated Glass, Add	56.77	
	For Obscure Glass, Add	62.44	
08 53 13 00-0097	EA >83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	371.70	63.34
	For Colored Vinyl, Add	24.50	
	For Tinted Glass, Add	29.40	
	For Low-E Insulated Glass, Add	61.25	
	For Obscure Glass, Add	67.38	
08 53 13 00-0098	EA >93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	392.67	68.41
	For Colored Vinyl, Add	25.59	
	For Tinted Glass, Add	30.70	
	For Low-E Insulated Glass, Add	63.96	
	For Obscure Glass, Add	70.36	
08 53 13 00-0099	EA >101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	414.45	73.48
	For Colored Vinyl, Add	26.75	
	For Tinted Glass, Add	32.10	
	For Low-E Insulated Glass, Add	66.88	
	For Obscure Glass, Add	73.56	
08 53 13 00-0100	EA >110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	448.91	78.54
	For Colored Vinyl, Add	29.18	
	For Tinted Glass, Add	35.02	
	For Low-E Insulated Glass, Add	72.96	
	For Obscure Glass, Add	80.25	
08 53 13 00-0101	UI >120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	3.75	0.66
	For Colored Vinyl, Add	0.24	
	For Tinted Glass, Add	0.29	
	For Low-E Insulated Glass, Add	0.61	
	For Obscure Glass, Add	0.67	
08 53 13 00-0102	Double Hung Vinyl Windows (08 53 13)		
08 53 13 00-0103	New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0102)		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104	34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0105	EA 24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	300.27	46.61
	For Colored Vinyl, Add	20.70	
	For Tinted Glass, Add	24.84	
	For Low-E Insulated Glass, Add	51.76	
	For Obscure Glass, Add	56.93	
08 53 13 00-0106	EA 28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.51	48.65
	For Colored Vinyl, Add	21.42	
	For Tinted Glass, Add	25.71	
	For Low-E Insulated Glass, Add	53.56	
	For Obscure Glass, Add	58.91	
08 53 13 00-0107	EA 30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.99	49.66
	For Colored Vinyl, Add	21.77	
	For Tinted Glass, Add	26.12	
	For Low-E Insulated Glass, Add	54.42	
	For Obscure Glass, Add	59.86	
08 53 13 00-0108	EA 32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	322.15	50.68
	For Colored Vinyl, Add	22.08	
	For Tinted Glass, Add	26.50	
	For Low-E Insulated Glass, Add	55.20	
	For Obscure Glass, Add	60.72	
08 53 13 00-0109	EA 36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	334.34	52.70
	For Colored Vinyl, Add	22.89	
	For Tinted Glass, Add	27.47	
	For Low-E Insulated Glass, Add	57.24	
	For Obscure Glass, Add	62.96	
08 53 13 00-0110	EA 44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.87	56.76
	For Colored Vinyl, Add	24.14	
	For Tinted Glass, Add	28.96	
	For Low-E Insulated Glass, Add	60.34	
	For Obscure Glass, Add	66.37	
08 53 13 00-0111	36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0112	EA		24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.82	47.63
			For Colored Vinyl, Add	20.96	
			For Tinted Glass, Add	25.15	
			For Low-E Insulated Glass, Add	52.39	
			For Obscure Glass, Add	57.63	
08 53 13 00-0113	EA		28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.08	49.66
			For Colored Vinyl, Add	21.68	
			For Tinted Glass, Add	26.01	
			For Low-E Insulated Glass, Add	54.19	
			For Obscure Glass, Add	59.61	
08 53 13 00-0114	EA		30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.54	50.68
			For Colored Vinyl, Add	22.02	
			For Tinted Glass, Add	26.42	
			For Low-E Insulated Glass, Add	55.05	
			For Obscure Glass, Add	60.56	
08 53 13 00-0115	EA		32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	326.71	51.68
			For Colored Vinyl, Add	22.33	
			For Tinted Glass, Add	26.80	
			For Low-E Insulated Glass, Add	55.84	
			For Obscure Glass, Add	61.42	
08 53 13 00-0116	EA		36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	338.89	53.71
			For Colored Vinyl, Add	23.15	
			For Tinted Glass, Add	27.78	
			For Low-E Insulated Glass, Add	57.87	
			For Obscure Glass, Add	63.65	
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	359.43	57.76
			For Colored Vinyl, Add	24.39	
			For Tinted Glass, Add	29.27	
			For Low-E Insulated Glass, Add	60.97	
			For Obscure Glass, Add	67.07	
08 53 13 00-0118			38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
			<small>(08 53 13 00-0103)</small>		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	309.02	48.65
			For Colored Vinyl, Add	21.17	
			For Tinted Glass, Add	25.41	
			For Low-E Insulated Glass, Add	52.93	
			For Obscure Glass, Add	58.23	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.27	50.68
			For Colored Vinyl, Add	21.89	
			For Tinted Glass, Add	26.27	
			For Low-E Insulated Glass, Add	54.73	
			For Obscure Glass, Add	60.21	
08 53 13 00-0121	EA		30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	325.88	51.68
			For Colored Vinyl, Add	22.25	
			For Tinted Glass, Add	26.70	
			For Low-E Insulated Glass, Add	55.63	
			For Obscure Glass, Add	61.19	
08 53 13 00-0122	EA		32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	331.05	52.70
			For Colored Vinyl, Add	22.57	
			For Tinted Glass, Add	27.08	
			For Low-E Insulated Glass, Add	56.41	
			For Obscure Glass, Add	62.05	
08 53 13 00-0123	EA		36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	343.43	54.73
			For Colored Vinyl, Add	23.40	
			For Tinted Glass, Add	28.08	
			For Low-E Insulated Glass, Add	58.50	
			For Obscure Glass, Add	64.34	
08 53 13 00-0124	EA		44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	364.17	58.78
			For Colored Vinyl, Add	24.66	
			For Tinted Glass, Add	29.59	
			For Low-E Insulated Glass, Add	61.65	
			For Obscure Glass, Add	67.82	
08 53 13 00-0125			44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
			<small>(08 53 13 00-0103)</small>		
08 53 13 00-0126	EA		24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	322.99	51.68
			For Colored Vinyl, Add	21.96	
			For Tinted Glass, Add	26.35	
			For Low-E Insulated Glass, Add	54.91	
			For Obscure Glass, Add	60.40	
08 53 13 00-0127	EA		28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	334.23	53.71
			For Colored Vinyl, Add	22.68	
			For Tinted Glass, Add	27.22	
			For Low-E Insulated Glass, Add	56.70	
			For Obscure Glass, Add	62.37	
08 53 13 00-0128	EA		30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	339.02	54.73
			For Colored Vinyl, Add	22.96	
			For Tinted Glass, Add	27.55	
			For Low-E Insulated Glass, Add	57.39	
			For Obscure Glass, Add	63.13	
08 53 13 00-0129	EA		32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	344.19	55.74
			For Colored Vinyl, Add	23.27	
			For Tinted Glass, Add	27.93	
			For Low-E Insulated Glass, Add	58.18	
			For Obscure Glass, Add	64.00	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0130	EA 36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	357.02	57.76
	For Colored Vinyl, Add	24.15	
	For Tinted Glass, Add	28.98	
	For Low-E Insulated Glass, Add	60.37	
	For Obscure Glass, Add	66.41	
08 53 13 00-0131	EA 44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	378.76	61.82
	For Colored Vinyl, Add	25.51	
	For Tinted Glass, Add	30.61	
	For Low-E Insulated Glass, Add	63.78	
	For Obscure Glass, Add	70.16	
08 53 13 00-0132	46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0133	EA 24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	327.16	52.70
	For Colored Vinyl, Add	22.18	
	For Tinted Glass, Add	26.61	
	For Low-E Insulated Glass, Add	55.44	
	For Obscure Glass, Add	60.98	
08 53 13 00-0134	EA 28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	338.41	54.73
	For Colored Vinyl, Add	22.90	
	For Tinted Glass, Add	27.48	
	For Low-E Insulated Glass, Add	57.24	
	For Obscure Glass, Add	62.96	
08 53 13 00-0135	EA 30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	343.42	55.74
	For Colored Vinyl, Add	23.19	
	For Tinted Glass, Add	27.83	
	For Low-E Insulated Glass, Add	57.99	
	For Obscure Glass, Add	63.78	
08 53 13 00-0136	EA 32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	348.59	56.76
	For Colored Vinyl, Add	23.51	
	For Tinted Glass, Add	28.21	
	For Low-E Insulated Glass, Add	58.77	
	For Obscure Glass, Add	64.65	
08 53 13 00-0137	EA 36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	361.55	58.78
	For Colored Vinyl, Add	24.40	
	For Tinted Glass, Add	29.28	
	For Low-E Insulated Glass, Add	61.00	
	For Obscure Glass, Add	67.10	
08 53 13 00-0138	EA 44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	383.91	62.83
	For Colored Vinyl, Add	25.82	
	For Tinted Glass, Add	30.99	
	For Low-E Insulated Glass, Add	64.56	
	For Obscure Glass, Add	71.02	
08 53 13 00-0139	48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0140	EA 24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	331.37	53.71
	For Colored Vinyl, Add	22.40	
	For Tinted Glass, Add	26.87	
	For Low-E Insulated Glass, Add	55.99	
	For Obscure Glass, Add	61.59	
08 53 13 00-0141	EA 28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	342.63	55.74
	For Colored Vinyl, Add	23.12	
	For Tinted Glass, Add	27.74	
	For Low-E Insulated Glass, Add	57.79	
	For Obscure Glass, Add	63.57	
08 53 13 00-0142	EA 30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	347.76	56.76
	For Colored Vinyl, Add	23.43	
	For Tinted Glass, Add	28.11	
	For Low-E Insulated Glass, Add	58.56	
	For Obscure Glass, Add	64.42	
08 53 13 00-0143	EA 32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	352.93	57.76
	For Colored Vinyl, Add	23.74	
	For Tinted Glass, Add	28.49	
	For Low-E Insulated Glass, Add	59.35	
	For Obscure Glass, Add	65.28	
08 53 13 00-0144	EA 36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	366.10	59.79
	For Colored Vinyl, Add	24.65	
	For Tinted Glass, Add	29.58	
	For Low-E Insulated Glass, Add	61.63	
	For Obscure Glass, Add	67.79	
08 53 13 00-0145	EA 44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	388.97	63.85
	For Colored Vinyl, Add	26.13	
	For Tinted Glass, Add	31.35	
	For Low-E Insulated Glass, Add	65.32	
	For Obscure Glass, Add	71.85	
08 53 13 00-0146	50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0147	EA 24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	335.55	54.73
	For Colored Vinyl, Add	22.61	
	For Tinted Glass, Add	27.13	
	For Low-E Insulated Glass, Add	56.53	
	For Obscure Glass, Add	62.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0148	EA		28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	346.80	56.76
			For Colored Vinyl, Add	23.33	
			For Tinted Glass, Add	27.99	
			For Low-E Insulated Glass, Add	58.32	
			For Obscure Glass, Add	64.15	
08 53 13 00-0149	EA		30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	352.14	57.76
			For Colored Vinyl, Add	23.66	
			For Tinted Glass, Add	28.39	
			For Low-E Insulated Glass, Add	59.15	
			For Obscure Glass, Add	65.07	
08 53 13 00-0150	EA		32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	357.30	58.78
			For Colored Vinyl, Add	23.97	
			For Tinted Glass, Add	28.77	
			For Low-E Insulated Glass, Add	59.94	
			For Obscure Glass, Add	65.93	
08 53 13 00-0151	EA		36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	370.64	60.81
			For Colored Vinyl, Add	24.90	
			For Tinted Glass, Add	29.88	
			For Low-E Insulated Glass, Add	62.26	
			For Obscure Glass, Add	68.48	
08 53 13 00-0152	EA		44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	394.10	64.86
			For Colored Vinyl, Add	26.44	
			For Tinted Glass, Add	31.73	
			For Low-E Insulated Glass, Add	66.10	
			For Obscure Glass, Add	72.70	
08 53 13 00-0153			52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0154	EA		24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	339.75	55.74
			For Colored Vinyl, Add	22.83	
			For Tinted Glass, Add	27.39	
			For Low-E Insulated Glass, Add	57.07	
			For Obscure Glass, Add	62.77	
08 53 13 00-0155	EA		28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	351.00	57.76
			For Colored Vinyl, Add	23.55	
			For Tinted Glass, Add	28.26	
			For Low-E Insulated Glass, Add	58.87	
			For Obscure Glass, Add	64.75	
08 53 13 00-0156	EA		30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	356.47	58.78
			For Colored Vinyl, Add	23.89	
			For Tinted Glass, Add	28.67	
			For Low-E Insulated Glass, Add	59.73	
			For Obscure Glass, Add	65.70	
08 53 13 00-0157	EA		32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	361.64	59.79
			For Colored Vinyl, Add	24.21	
			For Tinted Glass, Add	29.05	
			For Low-E Insulated Glass, Add	60.51	
			For Obscure Glass, Add	66.56	
08 53 13 00-0158	EA		36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	375.52	61.82
			For Colored Vinyl, Add	25.19	
			For Tinted Glass, Add	30.23	
			For Low-E Insulated Glass, Add	62.97	
			For Obscure Glass, Add	69.27	
08 53 13 00-0159	EA		44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	399.15	65.88
			For Colored Vinyl, Add	26.74	
			For Tinted Glass, Add	32.09	
			For Low-E Insulated Glass, Add	66.85	
			For Obscure Glass, Add	73.54	
08 53 13 00-0160			54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0161	EA		24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	343.97	56.76
			For Colored Vinyl, Add	23.05	
			For Tinted Glass, Add	27.66	
			For Low-E Insulated Glass, Add	57.62	
			For Obscure Glass, Add	63.38	
08 53 13 00-0162	EA		28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	355.21	58.78
			For Colored Vinyl, Add	23.77	
			For Tinted Glass, Add	28.52	
			For Low-E Insulated Glass, Add	59.41	
			For Obscure Glass, Add	65.35	
08 53 13 00-0163	EA		30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	360.87	59.79
			For Colored Vinyl, Add	24.13	
			For Tinted Glass, Add	28.95	
			For Low-E Insulated Glass, Add	60.32	
			For Obscure Glass, Add	66.35	
08 53 13 00-0164	EA		32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	366.04	60.81
			For Colored Vinyl, Add	24.44	
			For Tinted Glass, Add	29.33	
			For Low-E Insulated Glass, Add	61.11	
			For Obscure Glass, Add	67.22	
08 53 13 00-0165	EA		36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	380.40	62.83
			For Colored Vinyl, Add	25.47	
			For Tinted Glass, Add	30.57	
			For Low-E Insulated Glass, Add	63.68	
			For Obscure Glass, Add	70.05	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0166	EA 44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	404.21	66.89
	For Colored Vinyl, Add	27.04	
	For Tinted Glass, Add	32.45	
	For Low-E Insulated Glass, Add	67.61	
	For Obscure Glass, Add	74.37	
08 53 13 00-0167	60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0168	EA 24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	356.59	59.79
	For Colored Vinyl, Add	23.70	
	For Tinted Glass, Add	28.44	
	For Low-E Insulated Glass, Add	59.25	
	For Obscure Glass, Add	65.18	
08 53 13 00-0169	EA 28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	367.84	61.82
	For Colored Vinyl, Add	24.42	
	For Tinted Glass, Add	29.30	
	For Low-E Insulated Glass, Add	61.05	
	For Obscure Glass, Add	67.16	
08 53 13 00-0170	EA 30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	374.69	62.83
	For Colored Vinyl, Add	24.90	
	For Tinted Glass, Add	29.88	
	For Low-E Insulated Glass, Add	62.26	
	For Obscure Glass, Add	68.48	
08 53 13 00-0171	EA 32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	379.85	63.85
	For Colored Vinyl, Add	25.22	
	For Tinted Glass, Add	30.26	
	For Low-E Insulated Glass, Add	63.04	
	For Obscure Glass, Add	69.34	
08 53 13 00-0172	EA 36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	395.00	65.88
	For Colored Vinyl, Add	26.33	
	For Tinted Glass, Add	31.59	
	For Low-E Insulated Glass, Add	65.81	
	For Obscure Glass, Add	72.39	
08 53 13 00-0173	EA 44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	419.45	69.93
	For Colored Vinyl, Add	27.96	
	For Tinted Glass, Add	33.55	
	For Low-E Insulated Glass, Add	69.90	
	For Obscure Glass, Add	76.89	
08 53 13 00-0174	62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0175	EA 24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	360.79	60.81
	For Colored Vinyl, Add	23.92	
	For Tinted Glass, Add	28.70	
	For Low-E Insulated Glass, Add	59.79	
	For Obscure Glass, Add	65.77	
08 53 13 00-0176	EA 28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	372.04	62.83
	For Colored Vinyl, Add	24.64	
	For Tinted Glass, Add	29.56	
	For Low-E Insulated Glass, Add	61.59	
	For Obscure Glass, Add	67.75	
08 53 13 00-0177	EA 30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	379.36	63.85
	For Colored Vinyl, Add	25.17	
	For Tinted Glass, Add	30.20	
	For Low-E Insulated Glass, Add	62.92	
	For Obscure Glass, Add	69.21	
08 53 13 00-0178	EA 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	384.54	64.86
	For Colored Vinyl, Add	25.48	
	For Tinted Glass, Add	30.58	
	For Low-E Insulated Glass, Add	63.71	
	For Obscure Glass, Add	70.08	
08 53 13 00-0179	EA 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	399.83	66.89
	For Colored Vinyl, Add	26.61	
	For Tinted Glass, Add	31.93	
	For Low-E Insulated Glass, Add	66.52	
	For Obscure Glass, Add	73.17	
08 53 13 00-0180	EA 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	424.94	70.94
	For Colored Vinyl, Add	28.31	
	For Tinted Glass, Add	33.97	
	For Low-E Insulated Glass, Add	70.76	
	For Obscure Glass, Add	77.84	
08 53 13 00-0181	66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0182	EA 24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	369.91	62.83
	For Colored Vinyl, Add	24.42	
	For Tinted Glass, Add	29.31	
	For Low-E Insulated Glass, Add	61.06	
	For Obscure Glass, Add	67.17	
08 53 13 00-0183	EA 28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	381.15	64.86
	For Colored Vinyl, Add	25.14	
	For Tinted Glass, Add	30.17	
	For Low-E Insulated Glass, Add	62.86	
	For Obscure Glass, Add	69.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0184	EA		30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	388.75	65.88
			For Colored Vinyl, Add	25.70	
			For Tinted Glass, Add	30.84	
			For Low-E Insulated Glass, Add	64.25	
			For Obscure Glass, Add	70.68	
08 53 13 00-0185	EA		32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	393.92	66.89
			For Colored Vinyl, Add	26.02	
			For Tinted Glass, Add	31.22	
			For Low-E Insulated Glass, Add	65.04	
			For Obscure Glass, Add	71.54	
08 53 13 00-0186	EA		36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	409.61	68.91
			For Colored Vinyl, Add	27.18	
			For Tinted Glass, Add	32.61	
			For Low-E Insulated Glass, Add	67.95	
			For Obscure Glass, Add	74.74	
08 53 13 00-0187	EA		44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	435.55	72.97
			For Colored Vinyl, Add	28.96	
			For Tinted Glass, Add	34.75	
			For Low-E Insulated Glass, Add	72.40	
			For Obscure Glass, Add	79.64	
08 53 13 00-0188			72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0189	EA		24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	383.59	65.88
			For Colored Vinyl, Add	25.18	
			For Tinted Glass, Add	30.22	
			For Low-E Insulated Glass, Add	62.96	
			For Obscure Glass, Add	69.26	
08 53 13 00-0190	EA		28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	394.83	67.90
			For Colored Vinyl, Add	25.90	
			For Tinted Glass, Add	31.08	
			For Low-E Insulated Glass, Add	64.76	
			For Obscure Glass, Add	71.23	
08 53 13 00-0191	EA		30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	402.43	68.91
			For Colored Vinyl, Add	26.46	
			For Tinted Glass, Add	31.75	
			For Low-E Insulated Glass, Add	66.15	
			For Obscure Glass, Add	72.77	
08 53 13 00-0192	EA		32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	407.60	69.93
			For Colored Vinyl, Add	26.78	
			For Tinted Glass, Add	32.13	
			For Low-E Insulated Glass, Add	66.94	
			For Obscure Glass, Add	73.63	
08 53 13 00-0193	EA		36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	423.29	71.96
			For Colored Vinyl, Add	27.94	
			For Tinted Glass, Add	33.53	
			For Low-E Insulated Glass, Add	69.85	
			For Obscure Glass, Add	76.83	
08 53 13 00-0194	EA		44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	449.23	76.01
			For Colored Vinyl, Add	29.72	
			For Tinted Glass, Add	35.67	
			For Low-E Insulated Glass, Add	74.30	
			For Obscure Glass, Add	81.73	
08 53 13 00-0195			Replacement, Double Hung Vinyl Windows (Silver Line 8500) <small>(08 53 13 00-0102)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	365.30	53.21
			For Colored Vinyl, Add	25.89	
			For Tinted Glass, Add	31.07	
			For Low-E Insulated Glass, Add	64.72	
			For Obscure Glass, Add	71.19	
08 53 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	402.49	58.28
			For Colored Vinyl, Add	28.59	
			For Tinted Glass, Add	34.31	
			For Low-E Insulated Glass, Add	71.49	
			For Obscure Glass, Add	78.63	
08 53 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	437.66	63.34
			For Colored Vinyl, Add	31.10	
			For Tinted Glass, Add	37.32	
			For Low-E Insulated Glass, Add	77.74	
			For Obscure Glass, Add	85.52	
08 53 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	464.31	68.41
			For Colored Vinyl, Add	32.75	
			For Tinted Glass, Add	39.30	
			For Low-E Insulated Glass, Add	81.87	
			For Obscure Glass, Add	90.06	
08 53 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	492.47	73.48
			For Colored Vinyl, Add	34.55	
			For Tinted Glass, Add	41.46	
			For Low-E Insulated Glass, Add	86.38	
			For Obscure Glass, Add	95.02	
08 53 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	534.02	78.54
			For Colored Vinyl, Add	37.69	
			For Tinted Glass, Add	45.23	
			For Low-E Insulated Glass, Add	94.23	
			For Obscure Glass, Add	103.66	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0202	UI >120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	4.46	0.66
	For Colored Vinyl, Add	0.31	
	For Tinted Glass, Add	0.38	
	For Low-E Insulated Glass, Add	0.79	
	For Obscure Glass, Add	0.86	
08 53 13 00-0203	Casement Vinyl Windows (08 53 13)		
08 53 13 00-0204	New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0203) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0205	One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0206	24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0207	EA 17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	271.08	38.51
	For Colored Vinyl, Add	19.51	
	For Tinted Glass, Add	23.41	
	For Low-E Insulated Glass, Add	48.77	
	For Obscure Glass, Add	53.64	
08 53 13 00-0208	EA 20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	280.71	39.53
	For Colored Vinyl, Add	20.17	
	For Tinted Glass, Add	24.20	
	For Low-E Insulated Glass, Add	50.42	
	For Obscure Glass, Add	55.46	
08 53 13 00-0209	EA 24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	291.36	41.55
	For Colored Vinyl, Add	20.83	
	For Tinted Glass, Add	24.99	
	For Low-E Insulated Glass, Add	52.06	
	For Obscure Glass, Add	57.27	
08 53 13 00-0210	EA 28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	309.25	43.58
	For Colored Vinyl, Add	22.21	
	For Tinted Glass, Add	26.65	
	For Low-E Insulated Glass, Add	55.52	
	For Obscure Glass, Add	61.07	
08 53 13 00-0211	28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0212	EA 17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	287.39	40.54
	For Colored Vinyl, Add	20.73	
	For Tinted Glass, Add	24.88	
	For Low-E Insulated Glass, Add	51.83	
	For Obscure Glass, Add	57.02	
08 53 13 00-0213	EA 20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	297.78	41.55
	For Colored Vinyl, Add	21.47	
	For Tinted Glass, Add	25.76	
	For Low-E Insulated Glass, Add	53.67	
	For Obscure Glass, Add	59.03	
08 53 13 00-0214	EA 24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	309.15	43.58
	For Colored Vinyl, Add	22.20	
	For Tinted Glass, Add	26.64	
	For Low-E Insulated Glass, Add	55.50	
	For Obscure Glass, Add	61.05	
08 53 13 00-0215	EA 28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	327.93	45.61
	For Colored Vinyl, Add	23.67	
	For Tinted Glass, Add	28.41	
	For Low-E Insulated Glass, Add	59.18	
	For Obscure Glass, Add	65.10	
08 53 13 00-0216	36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0217	EA 17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	307.67	43.58
	For Colored Vinyl, Add	22.05	
	For Tinted Glass, Add	26.46	
	For Low-E Insulated Glass, Add	55.13	
	For Obscure Glass, Add	60.64	
08 53 13 00-0218	EA 20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	318.40	45.61
	For Colored Vinyl, Add	22.82	
	For Tinted Glass, Add	27.39	
	For Low-E Insulated Glass, Add	57.05	
	For Obscure Glass, Add	62.76	
08 53 13 00-0219	EA 24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	330.19	47.13
	For Colored Vinyl, Add	23.59	
	For Tinted Glass, Add	28.31	
	For Low-E Insulated Glass, Add	58.98	
	For Obscure Glass, Add	64.88	
08 53 13 00-0220	EA 28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	349.68	49.15
	For Colored Vinyl, Add	25.14	
	For Tinted Glass, Add	30.16	
	For Low-E Insulated Glass, Add	62.84	
	For Obscure Glass, Add	69.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0221			40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0222	EA		17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	325.43	46.61
			For Colored Vinyl, Add	23.32	
			For Tinted Glass, Add	27.99	
			For Low-E Insulated Glass, Add	58.30	
			For Obscure Glass, Add	64.13	
08 53 13 00-0223	EA		20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	336.70	47.63
			For Colored Vinyl, Add	24.14	
			For Tinted Glass, Add	28.97	
			For Low-E Insulated Glass, Add	60.36	
			For Obscure Glass, Add	66.40	
08 53 13 00-0224	EA		24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	348.99	49.66
			For Colored Vinyl, Add	24.97	
			For Tinted Glass, Add	29.96	
			For Low-E Insulated Glass, Add	62.42	
			For Obscure Glass, Add	68.66	
08 53 13 00-0225	EA		28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	369.94	51.68
			For Colored Vinyl, Add	26.66	
			For Tinted Glass, Add	31.99	
			For Low-E Insulated Glass, Add	66.64	
			For Obscure Glass, Add	73.31	
08 53 13 00-0226			48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0227	EA		17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	346.37	50.68
			For Colored Vinyl, Add	24.60	
			For Tinted Glass, Add	29.52	
			For Low-E Insulated Glass, Add	61.51	
			For Obscure Glass, Add	67.66	
08 53 13 00-0228	EA		20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	358.08	51.68
			For Colored Vinyl, Add	25.47	
			For Tinted Glass, Add	30.57	
			For Low-E Insulated Glass, Add	63.68	
			For Obscure Glass, Add	70.05	
08 53 13 00-0229	EA		24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	370.83	53.71
			For Colored Vinyl, Add	26.34	
			For Tinted Glass, Add	31.61	
			For Low-E Insulated Glass, Add	65.85	
			For Obscure Glass, Add	72.44	
08 53 13 00-0230	EA		28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	393.71	55.74
			For Colored Vinyl, Add	28.22	
			For Tinted Glass, Add	33.87	
			For Low-E Insulated Glass, Add	70.56	
			For Obscure Glass, Add	77.61	
08 53 13 00-0231			52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0232	EA		17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	363.20	52.70
			For Colored Vinyl, Add	25.88	
			For Tinted Glass, Add	31.06	
			For Low-E Insulated Glass, Add	64.70	
			For Obscure Glass, Add	71.17	
08 53 13 00-0233	EA		20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	375.51	53.71
			For Colored Vinyl, Add	26.81	
			For Tinted Glass, Add	32.17	
			For Low-E Insulated Glass, Add	67.02	
			For Obscure Glass, Add	73.72	
08 53 13 00-0234	EA		24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	388.83	55.74
			For Colored Vinyl, Add	27.74	
			For Tinted Glass, Add	33.28	
			For Low-E Insulated Glass, Add	69.34	
			For Obscure Glass, Add	76.27	
08 53 13 00-0235	EA		28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	412.08	57.76
			For Colored Vinyl, Add	29.65	
			For Tinted Glass, Add	35.58	
			For Low-E Insulated Glass, Add	74.14	
			For Obscure Glass, Add	81.55	
08 53 13 00-0236			60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0237	EA		17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	383.06	55.74
			For Colored Vinyl, Add	27.16	
			For Tinted Glass, Add	32.59	
			For Low-E Insulated Glass, Add	67.90	
			For Obscure Glass, Add	74.68	
08 53 13 00-0238	EA		20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	395.96	57.76
			For Colored Vinyl, Add	28.14	
			For Tinted Glass, Add	33.77	
			For Low-E Insulated Glass, Add	70.36	
			For Obscure Glass, Add	77.40	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0239	EA 24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	409.88	59.29
	For Colored Vinyl, Add	29.13	
	For Tinted Glass, Add	34.96	
	For Low-E Insulated Glass, Add	72.83	
	For Obscure Glass, Add	80.11	
08 53 13 00-0240	EA 28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	433.47	61.31
	For Colored Vinyl, Add	31.09	
	For Tinted Glass, Add	37.30	
	For Low-E Insulated Glass, Add	77.71	
	For Obscure Glass, Add	85.48	
08 53 13 00-0241	64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0242	EA 17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	400.59	58.78
	For Colored Vinyl, Add	28.40	
	For Tinted Glass, Add	34.08	
	For Low-E Insulated Glass, Add	71.01	
	For Obscure Glass, Add	78.11	
08 53 13 00-0243	EA 20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	413.80	59.79
	For Colored Vinyl, Add	29.42	
	For Tinted Glass, Add	35.31	
	For Low-E Insulated Glass, Add	73.55	
	For Obscure Glass, Add	80.91	
08 53 13 00-0244	EA 24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	428.53	61.82
	For Colored Vinyl, Add	30.49	
	For Tinted Glass, Add	36.59	
	For Low-E Insulated Glass, Add	76.22	
	For Obscure Glass, Add	83.84	
08 53 13 00-0245	EA 28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	451.61	63.85
	For Colored Vinyl, Add	32.39	
	For Tinted Glass, Add	38.87	
	For Low-E Insulated Glass, Add	80.98	
	For Obscure Glass, Add	89.08	
08 53 13 00-0246	72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0247	EA 17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	422.41	61.82
	For Colored Vinyl, Add	29.88	
	For Tinted Glass, Add	35.85	
	For Low-E Insulated Glass, Add	74.69	
	For Obscure Glass, Add	82.16	
08 53 13 00-0248	EA 20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	436.26	63.85
	For Colored Vinyl, Add	30.96	
	For Tinted Glass, Add	37.15	
	For Low-E Insulated Glass, Add	77.39	
	For Obscure Glass, Add	85.13	
08 53 13 00-0249	EA 24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	450.43	65.36
	For Colored Vinyl, Add	31.97	
	For Tinted Glass, Add	38.36	
	For Low-E Insulated Glass, Add	79.92	
	For Obscure Glass, Add	87.91	
08 53 13 00-0250	EA 28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	473.24	67.39
	For Colored Vinyl, Add	33.85	
	For Tinted Glass, Add	40.61	
	For Low-E Insulated Glass, Add	84.61	
	For Obscure Glass, Add	93.07	
08 53 13 00-0251	Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0252	36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0253	EA 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	526.89	51.68
	For Colored Vinyl, Add	42.35	
	For Tinted Glass, Add	50.82	
	For Low-E Insulated Glass, Add	105.88	
	For Obscure Glass, Add	116.47	
08 53 13 00-0254	EA 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	547.29	55.74
	For Colored Vinyl, Add	43.68	
	For Tinted Glass, Add	52.42	
	For Low-E Insulated Glass, Add	109.21	
	For Obscure Glass, Add	120.13	
08 53 13 00-0255	EA 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	568.70	59.79
	For Colored Vinyl, Add	45.01	
	For Tinted Glass, Add	54.02	
	For Low-E Insulated Glass, Add	112.53	
	For Obscure Glass, Add	123.79	
08 53 13 00-0256	EA 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	592.61	63.34
	For Colored Vinyl, Add	46.59	
	For Tinted Glass, Add	55.91	
	For Low-E Insulated Glass, Add	116.48	
	For Obscure Glass, Add	128.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0257			40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0258	EA		33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	557.58	54.22
			For Colored Vinyl, Add	44.91	
			For Tinted Glass, Add	53.90	
			For Low-E Insulated Glass, Add	112.29	
			For Obscure Glass, Add	123.51	
08 53 13 00-0259	EA		40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	579.07	57.76
			For Colored Vinyl, Add	46.35	
			For Tinted Glass, Add	55.62	
			For Low-E Insulated Glass, Add	115.88	
			For Obscure Glass, Add	127.47	
08 53 13 00-0260	EA		48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	601.58	61.82
			For Colored Vinyl, Add	47.79	
			For Tinted Glass, Add	57.35	
			For Low-E Insulated Glass, Add	119.49	
			For Obscure Glass, Add	131.43	
08 53 13 00-0261	EA		56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	624.80	65.88
			For Colored Vinyl, Add	49.31	
			For Tinted Glass, Add	59.17	
			For Low-E Insulated Glass, Add	123.26	
			For Obscure Glass, Add	135.59	
08 53 13 00-0262			48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0263	EA		33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	591.81	58.28
			For Colored Vinyl, Add	47.53	
			For Tinted Glass, Add	57.03	
			For Low-E Insulated Glass, Add	118.82	
			For Obscure Glass, Add	130.70	
08 53 13 00-0264	EA		40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	614.08	61.82
			For Colored Vinyl, Add	49.04	
			For Tinted Glass, Add	58.85	
			For Low-E Insulated Glass, Add	122.61	
			For Obscure Glass, Add	134.87	
08 53 13 00-0265	EA		48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	637.39	65.88
			For Colored Vinyl, Add	50.56	
			For Tinted Glass, Add	60.68	
			For Low-E Insulated Glass, Add	126.41	
			For Obscure Glass, Add	139.05	
08 53 13 00-0266	EA		56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	662.45	69.93
			For Colored Vinyl, Add	52.26	
			For Tinted Glass, Add	62.71	
			For Low-E Insulated Glass, Add	130.65	
			For Obscure Glass, Add	143.72	
08 53 13 00-0267			52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0268	EA		33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	621.92	60.30
			For Colored Vinyl, Add	50.13	
			For Tinted Glass, Add	60.16	
			For Low-E Insulated Glass, Add	125.33	
			For Obscure Glass, Add	137.86	
08 53 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	645.25	63.85
			For Colored Vinyl, Add	51.76	
			For Tinted Glass, Add	62.11	
			For Low-E Insulated Glass, Add	129.39	
			For Obscure Glass, Add	142.33	
08 53 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	669.59	67.90
			For Colored Vinyl, Add	53.38	
			For Tinted Glass, Add	64.05	
			For Low-E Insulated Glass, Add	133.45	
			For Obscure Glass, Add	146.79	
08 53 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	695.02	71.96
			For Colored Vinyl, Add	55.11	
			For Tinted Glass, Add	66.13	
			For Low-E Insulated Glass, Add	137.78	
			For Obscure Glass, Add	151.56	
08 53 13 00-0272			60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	655.07	63.85
			For Colored Vinyl, Add	52.74	
			For Tinted Glass, Add	63.29	
			For Low-E Insulated Glass, Add	131.85	
			For Obscure Glass, Add	145.03	
08 53 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	679.46	67.90
			For Colored Vinyl, Add	54.47	
			For Tinted Glass, Add	65.36	
			For Low-E Insulated Glass, Add	136.17	
			For Obscure Glass, Add	149.78	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0275	EA 48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	704.84	71.96
	For Colored Vinyl, Add	56.19	
	For Tinted Glass, Add	67.43	
	For Low-E Insulated Glass, Add	140.49	
	For Obscure Glass, Add	154.53	
08 53 13 00-0276	EA 56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	730.61	75.51
	For Colored Vinyl, Add	57.96	
	For Tinted Glass, Add	69.55	
	For Low-E Insulated Glass, Add	144.90	
	For Obscure Glass, Add	159.39	
08 53 13 00-0277	64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0278	EA 33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	687.07	66.38
	For Colored Vinyl, Add	55.43	
	For Tinted Glass, Add	66.52	
	For Low-E Insulated Glass, Add	138.58	
	For Obscure Glass, Add	152.43	
08 53 13 00-0279	EA 40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	711.43	69.93
	For Colored Vinyl, Add	57.16	
	For Tinted Glass, Add	68.59	
	For Low-E Insulated Glass, Add	142.90	
	For Obscure Glass, Add	157.18	
08 53 13 00-0280	EA 48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	736.74	73.98
	For Colored Vinyl, Add	58.88	
	For Tinted Glass, Add	70.65	
	For Low-E Insulated Glass, Add	147.19	
	For Obscure Glass, Add	161.91	
08 53 13 00-0281	EA 56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	762.59	78.04
	For Colored Vinyl, Add	60.65	
	For Tinted Glass, Add	72.78	
	For Low-E Insulated Glass, Add	151.63	
	For Obscure Glass, Add	166.79	
08 53 13 00-0282	72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0283	EA 33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	722.80	69.93
	For Colored Vinyl, Add	58.30	
	For Tinted Glass, Add	69.95	
	For Low-E Insulated Glass, Add	145.74	
	For Obscure Glass, Add	160.31	
08 53 13 00-0284	EA 40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	747.19	73.98
	For Colored Vinyl, Add	60.02	
	For Tinted Glass, Add	72.03	
	For Low-E Insulated Glass, Add	150.06	
	For Obscure Glass, Add	165.07	
08 53 13 00-0285	EA 48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	772.57	78.04
	For Colored Vinyl, Add	61.75	
	For Tinted Glass, Add	74.10	
	For Low-E Insulated Glass, Add	154.38	
	For Obscure Glass, Add	169.82	
08 53 13 00-0286	EA 56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	798.37	81.58
	For Colored Vinyl, Add	63.52	
	For Tinted Glass, Add	76.22	
	For Low-E Insulated Glass, Add	158.80	
	For Obscure Glass, Add	174.68	
08 53 13 00-0287	Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0288	36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0289	EA 62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	651.82	65.88
	For Colored Vinyl, Add	52.01	
	For Tinted Glass, Add	62.41	
	For Low-E Insulated Glass, Add	130.02	
	For Obscure Glass, Add	143.02	
08 53 13 00-0290	EA 72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	683.87	70.94
	For Colored Vinyl, Add	54.20	
	For Tinted Glass, Add	65.04	
	For Low-E Insulated Glass, Add	135.50	
	For Obscure Glass, Add	149.04	
08 53 13 00-0291	EA 86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	740.28	78.54
	For Colored Vinyl, Add	58.32	
	For Tinted Glass, Add	69.98	
	For Low-E Insulated Glass, Add	145.80	
	For Obscure Glass, Add	160.38	
08 53 13 00-0292	40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0293	EA		62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	693.43	68.91
			For Colored Vinyl, Add	55.66	
			For Tinted Glass, Add	66.79	
			For Low-E Insulated Glass, Add	139.15	
			For Obscure Glass, Add	153.07	
08 53 13 00-0294	EA		72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	725.69	73.48
			For Colored Vinyl, Add	57.87	
			For Tinted Glass, Add	69.45	
			For Low-E Insulated Glass, Add	144.69	
			For Obscure Glass, Add	159.15	
08 53 13 00-0295	EA		86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	785.06	81.08
			For Colored Vinyl, Add	62.29	
			For Tinted Glass, Add	74.75	
			For Low-E Insulated Glass, Add	155.73	
			For Obscure Glass, Add	171.30	
08 53 13 00-0296			48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0297	EA		62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	733.86	72.97
			For Colored Vinyl, Add	58.79	
			For Tinted Glass, Add	70.55	
			For Low-E Insulated Glass, Add	146.98	
			For Obscure Glass, Add	161.68	
08 53 13 00-0298	EA		72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	771.07	77.53
			For Colored Vinyl, Add	61.60	
			For Tinted Glass, Add	73.92	
			For Low-E Insulated Glass, Add	154.01	
			For Obscure Glass, Add	169.41	
08 53 13 00-0299	EA		86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	833.00	85.13
			For Colored Vinyl, Add	66.27	
			For Tinted Glass, Add	79.53	
			For Low-E Insulated Glass, Add	165.69	
			For Obscure Glass, Add	182.25	
08 53 13 00-0300			52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0301	EA		62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	773.19	74.99
			For Colored Vinyl, Add	62.32	
			For Tinted Glass, Add	74.78	
			For Low-E Insulated Glass, Add	155.80	
			For Obscure Glass, Add	171.38	
08 53 13 00-0302	EA		72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	812.97	80.06
			For Colored Vinyl, Add	65.29	
			For Tinted Glass, Add	78.34	
			For Low-E Insulated Glass, Add	163.21	
			For Obscure Glass, Add	179.53	
08 53 13 00-0303	EA		86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	882.73	87.16
			For Colored Vinyl, Add	70.84	
			For Tinted Glass, Add	85.01	
			For Low-E Insulated Glass, Add	177.10	
			For Obscure Glass, Add	194.81	
08 53 13 00-0304			60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0305	EA		62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	815.55	78.54
			For Colored Vinyl, Add	65.85	
			For Tinted Glass, Add	79.02	
			For Low-E Insulated Glass, Add	164.62	
			For Obscure Glass, Add	181.08	
08 53 13 00-0306	EA		72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	856.87	83.61
			For Colored Vinyl, Add	68.97	
			For Tinted Glass, Add	82.76	
			For Low-E Insulated Glass, Add	172.41	
			For Obscure Glass, Add	189.65	
08 53 13 00-0307	EA		86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	935.50	90.71
			For Colored Vinyl, Add	75.41	
			For Tinted Glass, Add	90.49	
			For Low-E Insulated Glass, Add	188.52	
			For Obscure Glass, Add	207.37	
08 53 13 00-0308			64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0309	EA		62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	860.45	81.08
			For Colored Vinyl, Add	69.83	
			For Tinted Glass, Add	83.80	
			For Low-E Insulated Glass, Add	174.58	
			For Obscure Glass, Add	192.03	
08 53 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	901.75	86.14
			For Colored Vinyl, Add	72.95	
			For Tinted Glass, Add	87.54	
			For Low-E Insulated Glass, Add	182.37	
			For Obscure Glass, Add	200.60	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0311	EA 86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	980.39	93.24
	For Colored Vinyl, Add	79.39	
	For Tinted Glass, Add	95.27	
	For Low-E Insulated Glass, Add	198.48	
	For Obscure Glass, Add	218.33	
08 53 13 00-0312	72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0287)		
08 53 13 00-0313	EA 62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	907.47	84.62
	For Colored Vinyl, Add	73.82	
	For Tinted Glass, Add	88.59	
	For Low-E Insulated Glass, Add	184.56	
	For Obscure Glass, Add	203.01	
08 53 13 00-0314	EA 72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	948.77	89.69
	For Colored Vinyl, Add	76.94	
	For Tinted Glass, Add	92.33	
	For Low-E Insulated Glass, Add	192.35	
	For Obscure Glass, Add	211.58	
08 53 13 00-0315	EA 86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7500).....	1,027.41	96.79
	For Colored Vinyl, Add	83.38	
	For Tinted Glass, Add	100.06	
	For Low-E Insulated Glass, Add	208.46	
	For Obscure Glass, Add	229.31	
08 53 13 00-0316	Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0203)		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317	One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0318	EA Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	343.91	43.08
	For Colored Vinyl, Add	25.78	
	For Tinted Glass, Add	30.93	
	For Low-E Insulated Glass, Add	64.44	
	For Obscure Glass, Add	70.89	
08 53 13 00-0319	EA >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	389.92	48.14
	For Colored Vinyl, Add	29.36	
	For Tinted Glass, Add	35.24	
	For Low-E Insulated Glass, Add	73.41	
	For Obscure Glass, Add	80.75	
08 53 13 00-0320	EA >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	431.87	53.21
	For Colored Vinyl, Add	32.55	
	For Tinted Glass, Add	39.06	
	For Low-E Insulated Glass, Add	81.37	
	For Obscure Glass, Add	89.50	
08 53 13 00-0321	EA >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	469.77	58.28
	For Colored Vinyl, Add	35.32	
	For Tinted Glass, Add	42.39	
	For Low-E Insulated Glass, Add	88.31	
	For Obscure Glass, Add	97.14	
08 53 13 00-0322	EA >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	503.62	63.34
	For Colored Vinyl, Add	37.69	
	For Tinted Glass, Add	45.23	
	For Low-E Insulated Glass, Add	94.23	
	For Obscure Glass, Add	103.66	
08 53 13 00-0323	EA >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	525.71	68.41
	For Colored Vinyl, Add	38.89	
	For Tinted Glass, Add	46.67	
	For Low-E Insulated Glass, Add	97.22	
	For Obscure Glass, Add	106.94	
08 53 13 00-0324	UI >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	5.17	0.66
	For Colored Vinyl, Add	0.39	
	For Tinted Glass, Add	0.46	
	For Low-E Insulated Glass, Add	0.96	
	For Obscure Glass, Add	1.06	
08 53 13 00-0325	Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0326	EA Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	557.62	53.21
	For Colored Vinyl, Add	45.12	
	For Tinted Glass, Add	54.15	
	For Low-E Insulated Glass, Add	112.80	
	For Obscure Glass, Add	124.08	
08 53 13 00-0327	EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	612.75	58.28
	For Colored Vinyl, Add	49.62	
	For Tinted Glass, Add	59.54	
	For Low-E Insulated Glass, Add	124.05	
	For Obscure Glass, Add	136.46	
08 53 13 00-0328	EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	663.82	63.34
	For Colored Vinyl, Add	53.71	
	For Tinted Glass, Add	64.46	
	For Low-E Insulated Glass, Add	134.28	
	For Obscure Glass, Add	147.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0329	EA		>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	699.69	68.41
			For Colored Vinyl, Add	56.29	
			For Tinted Glass, Add	67.54	
			For Low-E Insulated Glass, Add	140.72	
			For Obscure Glass, Add	154.79	
08 53 13 00-0330	EA		>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	737.68	73.48
			For Colored Vinyl, Add	59.07	
			For Tinted Glass, Add	70.89	
			For Low-E Insulated Glass, Add	147.68	
			For Obscure Glass, Add	162.45	
08 53 13 00-0331	EA		>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	777.21	78.54
			For Colored Vinyl, Add	62.01	
			For Tinted Glass, Add	74.41	
			For Low-E Insulated Glass, Add	155.03	
			For Obscure Glass, Add	170.53	
08 53 13 00-0332	UI		>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.49	0.66
			For Colored Vinyl, Add	0.52	
			For Tinted Glass, Add	0.62	
			For Low-E Insulated Glass, Add	1.29	
			For Obscure Glass, Add	1.42	
08 53 13 00-0333			Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0334	EA		Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	579.81	53.21
			For Colored Vinyl, Add	47.34	
			For Tinted Glass, Add	56.81	
			For Low-E Insulated Glass, Add	118.35	
			For Obscure Glass, Add	130.19	
08 53 13 00-0335	EA		>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	637.37	58.28
			For Colored Vinyl, Add	52.08	
			For Tinted Glass, Add	62.50	
			For Low-E Insulated Glass, Add	130.21	
			For Obscure Glass, Add	143.23	
08 53 13 00-0336	EA		>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	692.09	63.34
			For Colored Vinyl, Add	56.54	
			For Tinted Glass, Add	67.85	
			For Low-E Insulated Glass, Add	141.35	
			For Obscure Glass, Add	155.49	
08 53 13 00-0337	EA		>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	730.39	68.41
			For Colored Vinyl, Add	59.36	
			For Tinted Glass, Add	71.23	
			For Low-E Insulated Glass, Add	148.39	
			For Obscure Glass, Add	163.23	
08 53 13 00-0338	EA		>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	771.12	73.48
			For Colored Vinyl, Add	62.42	
			For Tinted Glass, Add	74.90	
			For Low-E Insulated Glass, Add	156.04	
			For Obscure Glass, Add	171.65	
08 53 13 00-0339	EA		>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	813.69	78.54
			For Colored Vinyl, Add	65.66	
			For Tinted Glass, Add	78.79	
			For Low-E Insulated Glass, Add	164.15	
			For Obscure Glass, Add	180.57	
08 53 13 00-0340	UI		>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.79	0.66
			For Colored Vinyl, Add	0.55	
			For Tinted Glass, Add	0.66	
			For Low-E Insulated Glass, Add	1.37	
			For Obscure Glass, Add	1.50	
08 53 13 00-0341			Awning Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0342			New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0341)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343			Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0342)</small>		
08 53 13 00-0344			17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0345	EA		24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	344.88	41.55
			For Colored Vinyl, Add	26.18	
			For Tinted Glass, Add	31.41	
			For Low-E Insulated Glass, Add	65.44	
			For Obscure Glass, Add	71.99	
08 53 13 00-0346	EA		28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	361.09	43.58
			For Colored Vinyl, Add	27.39	
			For Tinted Glass, Add	32.87	
			For Low-E Insulated Glass, Add	68.48	
			For Obscure Glass, Add	75.33	
08 53 13 00-0347	EA		36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	386.42	47.13
			For Colored Vinyl, Add	29.22	
			For Tinted Glass, Add	35.06	
			For Low-E Insulated Glass, Add	73.04	
			For Obscure Glass, Add	80.34	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0348	EA 40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	402.96	49.66
	For Colored Vinyl, Add	30.36	
	For Tinted Glass, Add	36.44	
	For Low-E Insulated Glass, Add	75.91	
	For Obscure Glass, Add	83.50	
08 53 13 00-0349	EA 48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	429.98	53.71
	For Colored Vinyl, Add	32.26	
	For Tinted Glass, Add	38.71	
	For Low-E Insulated Glass, Add	80.64	
	For Obscure Glass, Add	88.70	
08 53 13 00-0350	20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0351	EA 24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	363.11	43.58
	For Colored Vinyl, Add	27.70	
	For Tinted Glass, Add	33.24	
	For Low-E Insulated Glass, Add	69.24	
	For Obscure Glass, Add	76.17	
08 53 13 00-0352	EA 28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	379.31	45.61
	For Colored Vinyl, Add	28.91	
	For Tinted Glass, Add	34.69	
	For Low-E Insulated Glass, Add	72.28	
	For Obscure Glass, Add	79.51	
08 53 13 00-0353	EA 36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	406.34	48.65
	For Colored Vinyl, Add	30.91	
	For Tinted Glass, Add	37.09	
	For Low-E Insulated Glass, Add	77.26	
	For Obscure Glass, Add	84.99	
08 53 13 00-0354	EA 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	422.90	51.68
	For Colored Vinyl, Add	32.05	
	For Tinted Glass, Add	38.46	
	For Low-E Insulated Glass, Add	80.14	
	For Obscure Glass, Add	88.15	
08 53 13 00-0355	EA 48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	451.60	55.23
	For Colored Vinyl, Add	34.11	
	For Tinted Glass, Add	40.94	
	For Low-E Insulated Glass, Add	85.28	
	For Obscure Glass, Add	93.81	
08 53 13 00-0356	24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0357	EA 24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	375.59	45.61
	For Colored Vinyl, Add	28.54	
	For Tinted Glass, Add	34.25	
	For Low-E Insulated Glass, Add	71.35	
	For Obscure Glass, Add	78.49	
08 53 13 00-0358	EA 28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	391.82	47.63
	For Colored Vinyl, Add	29.76	
	For Tinted Glass, Add	35.71	
	For Low-E Insulated Glass, Add	74.39	
	For Obscure Glass, Add	81.83	
08 53 13 00-0359	EA 36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	419.67	50.68
	For Colored Vinyl, Add	31.83	
	For Tinted Glass, Add	38.20	
	For Low-E Insulated Glass, Add	79.58	
	For Obscure Glass, Add	87.54	
08 53 13 00-0360	EA 40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	437.59	53.71
	For Colored Vinyl, Add	33.12	
	For Tinted Glass, Add	39.74	
	For Low-E Insulated Glass, Add	82.80	
	For Obscure Glass, Add	91.07	
08 53 13 00-0361	EA 48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	466.63	57.26
	For Colored Vinyl, Add	35.21	
	For Tinted Glass, Add	42.25	
	For Low-E Insulated Glass, Add	88.03	
	For Obscure Glass, Add	96.83	
08 53 13 00-0362	28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0363	EA 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	388.11	47.63
	For Colored Vinyl, Add	29.39	
	For Tinted Glass, Add	35.26	
	For Low-E Insulated Glass, Add	73.46	
	For Obscure Glass, Add	80.81	
08 53 13 00-0364	EA 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	404.32	49.66
	For Colored Vinyl, Add	30.60	
	For Tinted Glass, Add	36.72	
	For Low-E Insulated Glass, Add	76.50	
	For Obscure Glass, Add	84.15	
08 53 13 00-0365	EA 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	433.03	52.70
	For Colored Vinyl, Add	32.76	
	For Tinted Glass, Add	39.32	
	For Low-E Insulated Glass, Add	81.91	
	For Obscure Glass, Add	90.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0366	EA		40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	452.20	55.74
			For Colored Vinyl, Add	34.17	
			For Tinted Glass, Add	41.01	
			For Low-E Insulated Glass, Add	85.43	
			For Obscure Glass, Add	93.98	
08 53 13 00-0367	EA		48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	481.66	59.29
			For Colored Vinyl, Add	36.31	
			For Tinted Glass, Add	43.57	
			For Low-E Insulated Glass, Add	90.77	
			For Obscure Glass, Add	99.85	
08 53 13 00-0368			36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0369	EA		36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	458.68	56.25
			For Colored Vinyl, Add	34.62	
			For Tinted Glass, Add	41.54	
			For Low-E Insulated Glass, Add	86.55	
			For Obscure Glass, Add	95.20	
08 53 13 00-0370	EA		40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	477.88	58.78
			For Colored Vinyl, Add	36.03	
			For Tinted Glass, Add	43.24	
			For Low-E Insulated Glass, Add	90.08	
			For Obscure Glass, Add	99.09	
08 53 13 00-0371	EA		48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	509.03	62.83
			For Colored Vinyl, Add	38.34	
			For Tinted Glass, Add	46.00	
			For Low-E Insulated Glass, Add	95.84	
			For Obscure Glass, Add	105.42	
08 53 13 00-0372			Replacement, Awning Vinyl Windows (Silver Line 7400) <small>(08 53 13 00-0341)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA		Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	360.03	43.08
			For Colored Vinyl, Add	27.39	
			For Tinted Glass, Add	32.87	
			For Low-E Insulated Glass, Add	68.47	
			For Obscure Glass, Add	75.32	
08 53 13 00-0374	EA		>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	415.46	48.14
			For Colored Vinyl, Add	31.92	
			For Tinted Glass, Add	38.30	
			For Low-E Insulated Glass, Add	79.80	
			For Obscure Glass, Add	87.77	
08 53 13 00-0375	EA		>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	468.85	53.21
			For Colored Vinyl, Add	36.24	
			For Tinted Glass, Add	43.49	
			For Low-E Insulated Glass, Add	90.61	
			For Obscure Glass, Add	99.67	
08 53 13 00-0376	EA		>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	520.23	58.28
			For Colored Vinyl, Add	40.37	
			For Tinted Glass, Add	48.44	
			For Low-E Insulated Glass, Add	100.92	
			For Obscure Glass, Add	111.01	
08 53 13 00-0377	EA		>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	569.59	63.34
			For Colored Vinyl, Add	44.29	
			For Tinted Glass, Add	53.15	
			For Low-E Insulated Glass, Add	110.73	
			For Obscure Glass, Add	121.80	
08 53 13 00-0378	EA		>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	597.35	68.41
			For Colored Vinyl, Add	46.05	
			For Tinted Glass, Add	55.26	
			For Low-E Insulated Glass, Add	115.13	
			For Obscure Glass, Add	126.65	
08 53 13 00-0379	UI		>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	5.88	0.66
			For Colored Vinyl, Add	0.46	
			For Tinted Glass, Add	0.55	
			For Low-E Insulated Glass, Add	1.14	
			For Obscure Glass, Add	1.25	
08 53 13 00-0380			Horizontal Sliding Vinyl Windows <small>(08 53 13 00-0380)</small>		
08 53 13 00-0381			New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0380)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382			20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0383	EA		36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	220.65	49.66
			For Colored Vinyl, Add	12.23	
			For Tinted Glass, Add	14.68	
			For Low-E Insulated Glass, Add	30.59	
			For Obscure Glass, Add	33.64	
08 53 13 00-0384	EA		48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	244.81	55.74
			For Colored Vinyl, Add	13.43	
			For Tinted Glass, Add	16.12	
			For Low-E Insulated Glass, Add	33.59	
			For Obscure Glass, Add	36.94	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	256.89	58.28
		<i>For Colored Vinyl, Add</i>	14.03	
		<i>For Tinted Glass, Add</i>	16.84	
		<i>For Low-E Insulated Glass, Add</i>	35.09	
		<i>For Obscure Glass, Add</i>	38.59	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.96	61.31
		<i>For Colored Vinyl, Add</i>	14.63	
		<i>For Tinted Glass, Add</i>	17.56	
		<i>For Low-E Insulated Glass, Add</i>	36.59	
		<i>For Obscure Glass, Add</i>	40.24	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.02	63.85
		<i>For Colored Vinyl, Add</i>	15.03	
		<i>For Tinted Glass, Add</i>	18.04	
		<i>For Low-E Insulated Glass, Add</i>	37.58	
		<i>For Obscure Glass, Add</i>	41.34	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	293.12	67.39
		<i>For Colored Vinyl, Add</i>	15.83	
		<i>For Tinted Glass, Add</i>	19.00	
		<i>For Low-E Insulated Glass, Add</i>	39.58	
		<i>For Obscure Glass, Add</i>	43.54	
08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)				
08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	231.45	51.68
		<i>For Colored Vinyl, Add</i>	12.91	
		<i>For Tinted Glass, Add</i>	15.49	
		<i>For Low-E Insulated Glass, Add</i>	32.27	
		<i>For Obscure Glass, Add</i>	35.50	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	256.15	57.76
		<i>For Colored Vinyl, Add</i>	14.16	
		<i>For Tinted Glass, Add</i>	17.00	
		<i>For Low-E Insulated Glass, Add</i>	35.41	
		<i>For Obscure Glass, Add</i>	38.95	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.58	60.30
		<i>For Colored Vinyl, Add</i>	14.80	
		<i>For Tinted Glass, Add</i>	17.76	
		<i>For Low-E Insulated Glass, Add</i>	37.00	
		<i>For Obscure Glass, Add</i>	40.69	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	280.89	63.34
		<i>For Colored Vinyl, Add</i>	15.42	
		<i>For Tinted Glass, Add</i>	18.50	
		<i>For Low-E Insulated Glass, Add</i>	38.55	
		<i>For Obscure Glass, Add</i>	42.41	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	289.11	65.88
		<i>For Colored Vinyl, Add</i>	15.84	
		<i>For Tinted Glass, Add</i>	19.00	
		<i>For Low-E Insulated Glass, Add</i>	39.59	
		<i>For Obscure Glass, Add</i>	43.55	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	305.58	69.42
		<i>For Colored Vinyl, Add</i>	16.67	
		<i>For Tinted Glass, Add</i>	20.01	
		<i>For Low-E Insulated Glass, Add</i>	41.69	
		<i>For Obscure Glass, Add</i>	45.85	
08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)				
08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	264.04	57.76
		<i>For Colored Vinyl, Add</i>	14.95	
		<i>For Tinted Glass, Add</i>	17.94	
		<i>For Low-E Insulated Glass, Add</i>	37.38	
		<i>For Obscure Glass, Add</i>	41.12	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	290.51	63.85
		<i>For Colored Vinyl, Add</i>	16.38	
		<i>For Tinted Glass, Add</i>	19.66	
		<i>For Low-E Insulated Glass, Add</i>	40.96	
		<i>For Obscure Glass, Add</i>	45.05	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	303.77	66.38
		<i>For Colored Vinyl, Add</i>	17.10	
		<i>For Tinted Glass, Add</i>	20.52	
		<i>For Low-E Insulated Glass, Add</i>	42.75	
		<i>For Obscure Glass, Add</i>	47.03	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	316.99	69.42
		<i>For Colored Vinyl, Add</i>	17.82	
		<i>For Tinted Glass, Add</i>	21.38	
		<i>For Low-E Insulated Glass, Add</i>	44.54	
		<i>For Obscure Glass, Add</i>	48.99	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	325.83	70.94
		<i>For Colored Vinyl, Add</i>	18.29	
		<i>For Tinted Glass, Add</i>	21.95	
		<i>For Low-E Insulated Glass, Add</i>	45.73	
		<i>For Obscure Glass, Add</i>	50.31	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	343.48	75.51
		<i>For Colored Vinyl, Add</i>	19.25	
		<i>For Tinted Glass, Add</i>	23.10	
		<i>For Low-E Insulated Glass, Add</i>	48.12	
		<i>For Obscure Glass, Add</i>	52.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0403			42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0404	EA		36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	280.33	60.81
			For Colored Vinyl, Add	15.97	
			For Tinted Glass, Add	19.17	
			For Low-E Insulated Glass, Add	39.93	
			For Obscure Glass, Add	43.93	
08 53 13 00-0405	EA		48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.70	66.89
			For Colored Vinyl, Add	17.49	
			For Tinted Glass, Add	20.99	
			For Low-E Insulated Glass, Add	43.73	
			For Obscure Glass, Add	48.11	
08 53 13 00-0406	EA		54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	321.39	69.42
			For Colored Vinyl, Add	18.26	
			For Tinted Glass, Add	21.91	
			For Low-E Insulated Glass, Add	45.64	
			For Obscure Glass, Add	50.20	
08 53 13 00-0407	EA		60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	335.07	72.46
			For Colored Vinyl, Add	19.02	
			For Tinted Glass, Add	22.82	
			For Low-E Insulated Glass, Add	47.54	
			For Obscure Glass, Add	52.29	
08 53 13 00-0408	EA		64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	344.18	74.99
			For Colored Vinyl, Add	19.52	
			For Tinted Glass, Add	23.42	
			For Low-E Insulated Glass, Add	48.80	
			For Obscure Glass, Add	53.68	
08 53 13 00-0409	EA		72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	362.44	78.54
			For Colored Vinyl, Add	20.54	
			For Tinted Glass, Add	24.64	
			For Low-E Insulated Glass, Add	51.34	
			For Obscure Glass, Add	56.47	
08 53 13 00-0410			44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0411	EA		36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.76	61.82
			For Colored Vinyl, Add	16.31	
			For Tinted Glass, Add	19.58	
			For Low-E Insulated Glass, Add	40.79	
			For Obscure Glass, Add	44.86	
08 53 13 00-0412	EA		48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	313.43	67.90
			For Colored Vinyl, Add	17.86	
			For Tinted Glass, Add	21.44	
			For Low-E Insulated Glass, Add	44.66	
			For Obscure Glass, Add	49.13	
08 53 13 00-0413	EA		54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	327.25	70.44
			For Colored Vinyl, Add	18.64	
			For Tinted Glass, Add	22.37	
			For Low-E Insulated Glass, Add	46.60	
			For Obscure Glass, Add	51.25	
08 53 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	341.09	73.48
			For Colored Vinyl, Add	19.41	
			For Tinted Glass, Add	23.30	
			For Low-E Insulated Glass, Add	48.54	
			For Obscure Glass, Add	53.39	
08 53 13 00-0415	EA		64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	350.31	76.01
			For Colored Vinyl, Add	19.93	
			For Tinted Glass, Add	23.92	
			For Low-E Insulated Glass, Add	49.83	
			For Obscure Glass, Add	54.81	
08 53 13 00-0416	EA		72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	368.74	79.56
			For Colored Vinyl, Add	20.96	
			For Tinted Glass, Add	25.15	
			For Low-E Insulated Glass, Add	52.41	
			For Obscure Glass, Add	57.65	
08 53 13 00-0417			46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0418	EA		36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	291.19	62.83
			For Colored Vinyl, Add	16.65	
			For Tinted Glass, Add	19.98	
			For Low-E Insulated Glass, Add	41.64	
			For Obscure Glass, Add	45.80	
08 53 13 00-0419	EA		48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	319.15	68.91
			For Colored Vinyl, Add	18.23	
			For Tinted Glass, Add	21.88	
			For Low-E Insulated Glass, Add	45.58	
			For Obscure Glass, Add	50.14	
08 53 13 00-0420	EA		54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	333.13	71.45
			For Colored Vinyl, Add	19.02	
			For Tinted Glass, Add	22.83	
			For Low-E Insulated Glass, Add	47.56	
			For Obscure Glass, Add	52.31	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0421	EA 60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	347.09	74.49
	For Colored Vinyl, Add	19.81	
	For Tinted Glass, Add	23.77	
	For Low-E Insulated Glass, Add	49.53	
	For Obscure Glass, Add	54.48	
08 53 13 00-0422	EA 64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	356.41	77.02
	For Colored Vinyl, Add	20.34	
	For Tinted Glass, Add	24.41	
	For Low-E Insulated Glass, Add	50.85	
	For Obscure Glass, Add	55.93	
08 53 13 00-0423	EA 72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	375.06	80.57
	For Colored Vinyl, Add	21.39	
	For Tinted Glass, Add	25.67	
	For Low-E Insulated Glass, Add	53.48	
	For Obscure Glass, Add	58.83	
08 53 13 00-0424	48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0425	EA 36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	296.63	63.85
	For Colored Vinyl, Add	16.99	
	For Tinted Glass, Add	20.39	
	For Low-E Insulated Glass, Add	42.49	
	For Obscure Glass, Add	46.73	
08 53 13 00-0426	EA 48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	324.88	69.93
	For Colored Vinyl, Add	18.60	
	For Tinted Glass, Add	22.32	
	For Low-E Insulated Glass, Add	46.51	
	For Obscure Glass, Add	51.16	
08 53 13 00-0427	EA 54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	339.00	72.46
	For Colored Vinyl, Add	19.41	
	For Tinted Glass, Add	23.29	
	For Low-E Insulated Glass, Add	48.52	
	For Obscure Glass, Add	53.37	
08 53 13 00-0428	EA 60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	353.11	75.51
	For Colored Vinyl, Add	20.21	
	For Tinted Glass, Add	24.25	
	For Low-E Insulated Glass, Add	50.53	
	For Obscure Glass, Add	55.58	
08 53 13 00-0429	EA 64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	362.53	78.04
	For Colored Vinyl, Add	20.75	
	For Tinted Glass, Add	24.90	
	For Low-E Insulated Glass, Add	51.87	
	For Obscure Glass, Add	57.06	
08 53 13 00-0430	EA 72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	381.39	81.58
	For Colored Vinyl, Add	21.82	
	For Tinted Glass, Add	26.19	
	For Low-E Insulated Glass, Add	54.56	
	For Obscure Glass, Add	60.01	
08 53 13 00-0431	50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0432	EA 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.06	64.86
	For Colored Vinyl, Add	17.34	
	For Tinted Glass, Add	20.80	
	For Low-E Insulated Glass, Add	43.34	
	For Obscure Glass, Add	47.67	
08 53 13 00-0433	EA 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	330.59	70.94
	For Colored Vinyl, Add	18.97	
	For Tinted Glass, Add	22.77	
	For Low-E Insulated Glass, Add	47.43	
	For Obscure Glass, Add	52.17	
08 53 13 00-0434	EA 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	344.86	73.48
	For Colored Vinyl, Add	19.79	
	For Tinted Glass, Add	23.75	
	For Low-E Insulated Glass, Add	49.48	
	For Obscure Glass, Add	54.43	
08 53 13 00-0435	EA 60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	359.13	76.51
	For Colored Vinyl, Add	20.61	
	For Tinted Glass, Add	24.73	
	For Low-E Insulated Glass, Add	51.53	
	For Obscure Glass, Add	56.68	
08 53 13 00-0436	EA 64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	368.66	79.05
	For Colored Vinyl, Add	21.16	
	For Tinted Glass, Add	25.39	
	For Low-E Insulated Glass, Add	52.89	
	For Obscure Glass, Add	58.18	
08 53 13 00-0437	EA 72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	387.69	82.59
	For Colored Vinyl, Add	22.25	
	For Tinted Glass, Add	26.70	
	For Low-E Insulated Glass, Add	55.62	
	For Obscure Glass, Add	61.18	
08 53 13 00-0438	52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0439	EA		36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.49	65.88
			For Colored Vinyl, Add	17.68	
			For Tinted Glass, Add	21.21	
			For Low-E Insulated Glass, Add	44.19	
			For Obscure Glass, Add	48.61	
08 53 13 00-0440	EA		48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	336.33	71.96
			For Colored Vinyl, Add	19.34	
			For Tinted Glass, Add	23.21	
			For Low-E Insulated Glass, Add	48.36	
			For Obscure Glass, Add	53.19	
08 53 13 00-0441	EA		54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	350.74	74.49
			For Colored Vinyl, Add	20.18	
			For Tinted Glass, Add	24.21	
			For Low-E Insulated Glass, Add	50.44	
			For Obscure Glass, Add	55.48	
08 53 13 00-0442	EA		60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	365.16	77.53
			For Colored Vinyl, Add	21.01	
			For Tinted Glass, Add	25.21	
			For Low-E Insulated Glass, Add	52.53	
			For Obscure Glass, Add	57.78	
08 53 13 00-0443	EA		64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	374.78	80.06
			For Colored Vinyl, Add	21.57	
			For Tinted Glass, Add	25.88	
			For Low-E Insulated Glass, Add	53.92	
			For Obscure Glass, Add	59.31	
08 53 13 00-0444	EA		72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	394.01	83.61
			For Colored Vinyl, Add	22.68	
			For Tinted Glass, Add	27.21	
			For Low-E Insulated Glass, Add	56.70	
			For Obscure Glass, Add	62.37	
08 53 13 00-0445			54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0446	EA		36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	312.93	66.89
			For Colored Vinyl, Add	18.02	
			For Tinted Glass, Add	21.62	
			For Low-E Insulated Glass, Add	45.04	
			For Obscure Glass, Add	49.54	
08 53 13 00-0447	EA		48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	342.04	72.97
			For Colored Vinyl, Add	19.71	
			For Tinted Glass, Add	23.65	
			For Low-E Insulated Glass, Add	49.28	
			For Obscure Glass, Add	54.21	
08 53 13 00-0448	EA		54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	356.61	75.51
			For Colored Vinyl, Add	20.56	
			For Tinted Glass, Add	24.67	
			For Low-E Insulated Glass, Add	51.40	
			For Obscure Glass, Add	56.54	
08 53 13 00-0449	EA		60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	371.19	78.54
			For Colored Vinyl, Add	21.41	
			For Tinted Glass, Add	25.69	
			For Low-E Insulated Glass, Add	53.53	
			For Obscure Glass, Add	58.88	
08 53 13 00-0450	EA		64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	380.90	81.08
			For Colored Vinyl, Add	21.98	
			For Tinted Glass, Add	26.37	
			For Low-E Insulated Glass, Add	54.94	
			For Obscure Glass, Add	60.43	
08 53 13 00-0451	EA		72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	400.31	84.62
			For Colored Vinyl, Add	23.11	
			For Tinted Glass, Add	27.73	
			For Low-E Insulated Glass, Add	57.77	
			For Obscure Glass, Add	63.54	
08 53 13 00-0452			60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0453	EA		36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	338.19	69.93
			For Colored Vinyl, Add	19.94	
			For Tinted Glass, Add	23.92	
			For Low-E Insulated Glass, Add	49.84	
			For Obscure Glass, Add	54.82	
08 53 13 00-0454	EA		48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	359.23	76.01
			For Colored Vinyl, Add	20.82	
			For Tinted Glass, Add	24.99	
			For Low-E Insulated Glass, Add	52.06	
			For Obscure Glass, Add	57.26	
08 53 13 00-0455	EA		54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	374.25	78.54
			For Colored Vinyl, Add	21.72	
			For Tinted Glass, Add	26.06	
			For Low-E Insulated Glass, Add	54.29	
			For Obscure Glass, Add	59.72	
08 53 13 00-0456	EA		60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	389.25	81.58
			For Colored Vinyl, Add	22.61	
			For Tinted Glass, Add	27.13	
			For Low-E Insulated Glass, Add	56.52	
			For Obscure Glass, Add	62.17	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0457	EA 64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	399.26	84.11
	For Colored Vinyl, Add	23.20	
	For Tinted Glass, Add	27.84	
	For Low-E Insulated Glass, Add	58.01	
	For Obscure Glass, Add	63.81	
08 53 13 00-0458	EA 72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	419.26	87.66
	For Colored Vinyl, Add	24.39	
	For Tinted Glass, Add	29.27	
	For Low-E Insulated Glass, Add	60.98	
	For Obscure Glass, Add	67.08	
08 53 13 00-0459	Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) <small>(08 53 13 00-0380)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460	EA Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	335.71	53.21
	For Colored Vinyl, Add	22.93	
	For Tinted Glass, Add	27.52	
	For Low-E Insulated Glass, Add	57.33	
	For Obscure Glass, Add	63.06	
08 53 13 00-0461	EA >73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	368.85	58.28
	For Colored Vinyl, Add	25.23	
	For Tinted Glass, Add	30.28	
	For Low-E Insulated Glass, Add	63.08	
	For Obscure Glass, Add	69.38	
08 53 13 00-0462	EA >83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	399.97	63.34
	For Colored Vinyl, Add	27.33	
	For Tinted Glass, Add	32.79	
	For Low-E Insulated Glass, Add	68.32	
	For Obscure Glass, Add	75.15	
08 53 13 00-0463	EA >93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	423.37	68.41
	For Colored Vinyl, Add	28.66	
	For Tinted Glass, Add	34.39	
	For Low-E Insulated Glass, Add	71.64	
	For Obscure Glass, Add	78.80	
08 53 13 00-0464	EA >101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	447.89	73.48
	For Colored Vinyl, Add	30.09	
	For Tinted Glass, Add	36.11	
	For Low-E Insulated Glass, Add	75.24	
	For Obscure Glass, Add	82.76	
08 53 13 00-0465	EA >110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	485.39	78.54
	For Colored Vinyl, Add	32.83	
	For Tinted Glass, Add	39.40	
	For Low-E Insulated Glass, Add	82.08	
	For Obscure Glass, Add	90.28	
08 53 13 00-0466	UI >120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	4.06	0.66
	For Colored Vinyl, Add	0.27	
	For Tinted Glass, Add	0.33	
	For Low-E Insulated Glass, Add	0.69	
	For Obscure Glass, Add	0.75	
08 53 13 00-0467	Basement Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0468	New Construction, Basement Vinyl Windows (Silver Line 5900) <small>(08 53 13 00-0467)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469	EA 32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	202.67	40.54
	For Colored Vinyl, Add	12.16	
	For Tinted Glass, Add	14.59	
	For Low-E Insulated Glass, Add	30.40	
	For Obscure Glass, Add	33.44	
08 53 13 00-0470	EA 32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	216.86	40.54
	For Colored Vinyl, Add	13.58	
	For Tinted Glass, Add	16.29	
	For Low-E Insulated Glass, Add	33.95	
	For Obscure Glass, Add	37.34	
08 53 13 00-0471	EA 32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	224.96	40.54
	For Colored Vinyl, Add	14.39	
	For Tinted Glass, Add	17.27	
	For Low-E Insulated Glass, Add	35.97	
	For Obscure Glass, Add	39.57	
08 53 13 00-0472	Replacement, Basement Vinyl Windows <small>(08 53 13 00-0467)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA Up To 47" UI, Replacement, Basement Vinyl Window	251.31	39.53
	For Colored Vinyl, Add	17.23	
	For Tinted Glass, Add	20.67	
	For Low-E Insulated Glass, Add	43.07	
	For Obscure Glass, Add	47.37	
08 53 13 00-0474	EA >47" To 55" UI, Replacement, Basement Vinyl Window	280.69	45.61
	For Colored Vinyl, Add	18.95	
	For Tinted Glass, Add	22.74	
	For Low-E Insulated Glass, Add	47.37	
	For Obscure Glass, Add	52.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 13 00-0475	UI		>55" UI, Replacement, Basement Vinyl Window	4.77	0.66
			<i>For Colored Vinyl, Add</i>	0.35	
			<i>For Tinted Glass, Add</i>	0.41	
			<i>For Low-E Insulated Glass, Add</i>	0.86	
			<i>For Obscure Glass, Add</i>	0.95	

08 53 13 00-0476 Accessories For Vinyl Windows (08 53 13)

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows (08 53 13 00-0476)

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows (08 53 13 00-0477)

08 53 13 00-0479	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	28.37	
08 53 13 00-0480	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	36.48	
08 53 13 00-0481	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	46.98	
08 53 13 00-0482	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	55.45	
08 53 13 00-0483	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	68.17	

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows (08 53 13 00-0477)

08 53 13 00-0485	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	64.48	
08 53 13 00-0486	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	77.38	
08 53 13 00-0487	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	97.64	
08 53 13 00-0488	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	121.59	
08 53 13 00-0489	EA		>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	145.54	

08 53 66 Vinyl Window Screens (08 53)

08 53 66 00-0001 Insect Screens For Vinyl Windows (08 53 66)

08 53 66 00-0002	EA		Up To 6 SF, Insect Screen For Vinyl Windows.....	33.09	7.33
08 53 66 00-0003	EA		>6 To 9 SF, Insect Screen For Vinyl Windows	44.15	7.33
08 53 66 00-0004	EA		>9 To 12 SF, Insect Screen For Vinyl Windows	47.83	7.33
08 53 66 00-0005	EA		>12 To 15 SF, Insect Screen For Vinyl Windows	55.20	7.33
08 53 66 00-0006	EA		>15 To 20 SF, Insect Screen For Vinyl Windows	71.78	7.33
08 53 66 00-0007	EA		>20 To 25 SF, Insect Screen For Vinyl Windows	79.15	7.33
08 53 66 00-0008	EA		>25 To 30 SF, Insect Screen For Vinyl Windows	90.20	7.33
08 53 66 00-0009	EA		>30 To 35 SF, Insect Screen For Vinyl Windows	97.57	7.33
08 53 66 00-0010	SF		>35 SF, Insect Screen For Vinyl Windows.....	2.95	0.15

08 56 Special Function Windows (08 50)

08 56 19 Pass Windows (08 56)

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame (08 56 19)

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA		24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	2,942.07	559.35
			<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	45.00	
			<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	295.00	
08 56 19 00-0003	EA		30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,216.09	605.96
			<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	60.00	
			<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	370.00	
08 56 19 00-0004	EA		36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,392.83	652.57
			<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	70.00	
			<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	445.00	
08 56 19 00-0005	EA		48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	4,218.87	745.79
			<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	100.00	
			<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	650.00	
08 56 19 00-0006	EA		72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	5,773.07	1,118.69
			<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	150.00	
			<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	975.00	

08 56 49 Radiation Shielding Windows (08 56)

08 56 49 00-0001 Lead Lined Window Frames (08 56 49)

08 56 49 00-0002	LF		1/16" Lead Lined, 16 Gauge Telescoping Window Frame.....	33.42	7.60
08 56 49 00-0003	LF		1/8" Lead Lined, 16 Gauge Telescoping Window Frame.....	37.30	7.60

08 56 56 Security Window Screens (08 56)

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen (08 56 56)

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen (08 56 56 00-0001)

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 56 56 00-0003	SF 13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	19.42	4.19
	For Painted Steel, Add	1.38	
	For Galvanized Steel, Add	2.77	
	For Aluminum, Add	5.53	
	For Stainless Steel, Add	24.20	
08 56 56 00-0004	SF 11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	19.82	4.19
	For Painted Steel, Add	1.42	
	For Galvanized Steel, Add	2.85	
	For Aluminum, Add	5.69	
	For Stainless Steel, Add	24.90	
08 56 56 00-0005	SF 9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	21.64	4.19
	For Painted Steel, Add	1.61	
	For Galvanized Steel, Add	3.21	
	For Aluminum, Add	6.42	
	For Stainless Steel, Add	28.09	
08 56 56 00-0006	SF 6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.55	4.19
	For Painted Steel, Add	2.00	
	For Galvanized Steel, Add	3.99	
	For Aluminum, Add	7.98	
	For Stainless Steel, Add	34.93	
08 56 56 00-0007	Wire Mesh, Operable, Security Window Screen (08 56 56 00-0001)		
08 56 56 00-0008	SF 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	27.15	5.13
	For Painted Steel, Add	1.97	
	For Galvanized Steel, Add	3.94	
	For Aluminum, Add	7.88	
	For Stainless Steel, Add	34.48	
08 56 56 00-0009	SF 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	27.75	5.13
	For Painted Steel, Add	2.03	
	For Galvanized Steel, Add	4.06	
	For Aluminum, Add	8.12	
	For Stainless Steel, Add	35.53	
08 56 56 00-0010	SF 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	30.37	5.13
	For Painted Steel, Add	2.29	
	For Galvanized Steel, Add	4.58	
	For Aluminum, Add	9.17	
	For Stainless Steel, Add	40.11	
08 56 56 00-0011	SF 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	35.84	5.13
	For Painted Steel, Add	2.84	
	For Galvanized Steel, Add	5.68	
	For Aluminum, Add	11.36	
	For Stainless Steel, Add	49.68	
08 56 56 00-0012	Wire Cloth Security Screen (08 56 56)		
	Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013	Wire Cloth, Inoperable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0014	SF 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	12.91	2.80
	For Painted Steel, Add	0.41	
	For Galvanized Steel, Add	1.24	
	For Aluminum, Add	2.48	
	For Stainless Steel, Add	10.31	
08 56 56 00-0015	SF 22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	13.46	2.80
	For Painted Steel, Add	0.44	
	For Galvanized Steel, Add	1.32	
	For Aluminum, Add	2.64	
	For Stainless Steel, Add	11.00	
08 56 56 00-0016	SF 20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	14.34	2.80
	For Painted Steel, Add	0.48	
	For Galvanized Steel, Add	1.45	
	For Aluminum, Add	2.90	
	For Stainless Steel, Add	12.10	
08 56 56 00-0017	SF 18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	16.00	2.80
	For Painted Steel, Add	0.57	
	For Galvanized Steel, Add	1.70	
	For Aluminum, Add	3.40	
	For Stainless Steel, Add	14.18	
08 56 56 00-0018	Wire Cloth, Operable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0019	SF 24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	17.34	3.73
	For Painted Steel, Add	0.59	
	For Galvanized Steel, Add	1.76	
	For Aluminum, Add	3.53	
	For Stainless Steel, Add	14.69	
08 56 56 00-0020	SF 22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	18.20	3.73
	For Painted Steel, Add	0.63	
	For Galvanized Steel, Add	1.89	
	For Aluminum, Add	3.78	
	For Stainless Steel, Add	15.76	
08 56 56 00-0021	SF 20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	19.39	3.73
	For Painted Steel, Add	0.69	
	For Galvanized Steel, Add	2.07	
	For Aluminum, Add	4.14	
	For Stainless Steel, Add	17.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0022 SF 18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	21.77	3.73
For Painted Steel, Add	0.81	
For Galvanized Steel, Add	2.43	
For Aluminum, Add	4.85	
For Stainless Steel, Add	20.23	
08 56 56 00-0023 Expanded Metal Security Screen (08 56 56)		
Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0025 SF 1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	24.49	6.99
For Painted Steel, Add	0.81	
For Galvanized Steel, Add	2.42	
For Aluminum, Add	4.83	
For Stainless Steel, Add	20.13	
08 56 56 00-0026 SF 1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	28.65	8.39
For Painted Steel, Add	0.92	
For Galvanized Steel, Add	2.76	
For Aluminum, Add	5.52	
For Stainless Steel, Add	23.00	
08 56 56 00-0027 SF 3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	32.19	10.25
For Painted Steel, Add	1.00	
For Galvanized Steel, Add	3.01	
For Aluminum, Add	6.02	
For Stainless Steel, Add	25.09	
08 56 56 00-0028 SF 3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	37.84	12.12
For Painted Steel, Add	1.15	
For Galvanized Steel, Add	3.44	
For Aluminum, Add	6.88	
For Stainless Steel, Add	28.65	
08 56 56 00-0029 SF 1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	35.24	11.65
For Painted Steel, Add	1.06	
For Galvanized Steel, Add	3.19	
For Aluminum, Add	6.38	
For Stainless Steel, Add	26.58	
08 56 56 00-0030 SF 3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen.....	44.45	14.92
For Painted Steel, Add	1.34	
For Galvanized Steel, Add	4.01	
For Aluminum, Add	8.02	
For Stainless Steel, Add	33.41	
08 56 56 00-0031 Expanded Metal, Operable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0032 SF 1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen.....	24.67	8.39
For Painted Steel, Add	0.72	
For Galvanized Steel, Add	2.16	
For Aluminum, Add	4.33	
For Stainless Steel, Add	18.03	
08 56 56 00-0033 SF 1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	38.37	10.25
For Painted Steel, Add	1.31	
For Galvanized Steel, Add	3.94	
For Aluminum, Add	7.88	
For Stainless Steel, Add	32.81	
08 56 56 00-0034 SF 3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	42.61	11.65
For Painted Steel, Add	1.43	
For Galvanized Steel, Add	4.29	
For Aluminum, Add	8.59	
For Stainless Steel, Add	35.79	
08 56 56 00-0035 SF 1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	46.14	13.05
For Painted Steel, Add	1.52	
For Galvanized Steel, Add	4.55	
For Aluminum, Add	9.09	
For Stainless Steel, Add	37.88	
08 56 56 00-0036 SF 3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	50.38	14.92
For Painted Steel, Add	1.63	
For Galvanized Steel, Add	4.90	
For Aluminum, Add	9.80	
For Stainless Steel, Add	40.83	
08 56 56 00-0037 SF 3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	57.65	16.32
For Painted Steel, Add	1.90	
For Galvanized Steel, Add	5.71	
For Aluminum, Add	11.42	
For Stainless Steel, Add	47.59	
08 56 56 00-0038 Perforated Metal Security Screen (08 56 56)		
08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0040 SF 22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	21.61	4.19
For Painted Steel, Add	0.80	
For Galvanized Steel, Add	2.40	
For Aluminum, Add	4.81	
For Stainless Steel, Add	16.02	
08 56 56 00-0041 SF 20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	22.25	4.19
For Painted Steel, Add	0.83	
For Galvanized Steel, Add	2.50	
For Aluminum, Add	5.00	
For Stainless Steel, Add	16.66	

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	24.39	4.19
		<i>For Painted Steel, Add</i>	0.94	
		<i>For Galvanized Steel, Add</i>	2.82	
		<i>For Aluminum, Add</i>	5.64	
		<i>For Stainless Steel, Add</i>	18.80	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	28.43	4.19
		<i>For Painted Steel, Add</i>	1.14	
		<i>For Galvanized Steel, Add</i>	3.43	
		<i>For Aluminum, Add</i>	6.85	
		<i>For Stainless Steel, Add</i>	22.84	
08 56 56 00-0044		Perforated Metal, Operable, Steel Security Window Screen <small>(08 56 56 00-0038)</small>		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen.....	30.21	5.13
		<i>For Painted Steel, Add</i>	1.14	
		<i>For Galvanized Steel, Add</i>	3.41	
		<i>For Aluminum, Add</i>	6.83	
		<i>For Stainless Steel, Add</i>	22.76	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen.....	31.32	5.13
		<i>For Painted Steel, Add</i>	1.19	
		<i>For Galvanized Steel, Add</i>	3.58	
		<i>For Aluminum, Add</i>	7.16	
		<i>For Stainless Steel, Add</i>	23.87	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen.....	34.10	5.13
		<i>For Painted Steel, Add</i>	1.33	
		<i>For Galvanized Steel, Add</i>	4.00	
		<i>For Aluminum, Add</i>	8.00	
		<i>For Stainless Steel, Add</i>	26.65	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen.....	39.89	5.13
		<i>For Painted Steel, Add</i>	1.62	
		<i>For Galvanized Steel, Add</i>	4.87	
		<i>For Aluminum, Add</i>	9.73	
		<i>For Stainless Steel, Add</i>	32.44	
08 56 56 00-0049		Remove And Reinstall Security Screens And Guards <small>(08 56 56)</small>		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	11.71	

08 60 Roof Windows And Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights (08 60)**08 62 23 Tubular Skylights (08 62)****08 62 23 00-0001 Aluminum Framed Solar Tube Skylights (08 62 23)**

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	878.48	172.73
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	603.43	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	924.23	177.05
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	604.29	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	968.72	181.37
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	605.15	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,030.53	185.69
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	606.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0007	EA		6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,084.93	190.01
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	606.88	
08 62 23 00-0008	EA		7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,129.43	194.33
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	607.75	
08 62 23 00-0009	EA		8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,173.94	198.64
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	608.61	
08 62 23 00-0010	EA		9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,245.64	202.96
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	609.47	
08 62 23 00-0011	EA		10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,290.13	207.28
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	610.34	
08 62 23 00-0012	EA		11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,335.88	211.59
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	611.20	
08 62 23 00-0013	EA		12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,380.38	215.91
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	612.06	
08 62 23 00-0014	EA		13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,452.09	220.24
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	612.93	
08 62 23 00-0015	EA		14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,496.58	224.56
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	613.79	
08 62 23 00-0016	EA		15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,541.10	228.87
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	614.66	

08 Openings**08 60 Roof Windows And Skylights****08 62 Unit Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,585.59	233.19
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	615.52	
08 62 23 00-0018		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 62 23 00-0001)</small>		
08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,045.43	172.73
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	603.43	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,107.26	177.05
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	604.29	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,169.07	181.37
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	605.15	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,230.88	185.69
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	606.02	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,329.80	190.01
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	606.88	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,391.61	194.33
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	607.75	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,453.43	198.64
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	608.61	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,552.34	202.96
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	609.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 62 23 00-0027	EA		10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,614.15	207.28
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	610.34	
08 62 23 00-0028	EA		11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,675.98	211.59
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	611.20	
08 62 23 00-0029	EA		12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,737.79	215.91
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	612.06	
08 62 23 00-0030	EA		13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,836.70	220.24
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	612.93	
08 62 23 00-0031	EA		14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,898.51	224.56
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	613.79	
08 62 23 00-0032	EA		15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,960.34	228.87
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	614.66	
08 62 23 00-0033	EA		16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,022.15	233.19
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	615.52	
08 62 23 00-0034			55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights		
			<small>(08 62 23 00-0001)</small>		
08 62 23 00-0035	EA		2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,376.77	194.33
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	607.75	
08 62 23 00-0036	EA		3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,462.09	198.64
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	608.61	

08 Openings**08 60 Roof Windows And Skylights****08 62 Unit Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0037	EA		4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,548.63	202.96
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	609.47	
08 62 23 00-0038	EA		5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,633.94	207.28
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	610.34	
08 62 23 00-0039	EA		6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,768.73	211.59
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	611.20	
08 62 23 00-0040	EA		7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,854.03	215.91
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	612.06	
08 62 23 00-0041	EA		8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,939.35	220.24
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	612.93	
08 62 23 00-0042	EA		9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,075.36	224.56
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	613.79	
08 62 23 00-0043	EA		10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,160.69	228.87
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	614.66	
08 62 23 00-0044	EA		11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,245.99	233.19
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	615.52	
08 62 23 00-0045	EA		12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,331.30	237.51
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	616.38	
08 62 23 00-0046	EA		13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,466.08	241.82
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	617.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 62 23 00-0047	EA		14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,551.40	246.14
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	618.11	
08 62 23 00-0048	EA		15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,637.95	250.46
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	618.97	
08 62 23 00-0049	EA		16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,723.25	254.78
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	619.84	

08 63 Metal-Framed Skylights (08 60)

08 63 13 Domed Metal-Framed Skylights (08 63)

08 63 13 00-0001 Domed Aluminum Framed Skylights (08 63 13)

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0001)

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0002)

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0005	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	322.19	86.37
08 63 13 00-0006	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	364.72	86.37
08 63 13 00-0007	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	487.17	97.16
08 63 13 00-0008	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	550.06	107.96
08 63 13 00-0009	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	386.59	86.37
08 63 13 00-0010	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	471.37	97.16
08 63 13 00-0011	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	498.11	97.16
08 63 13 00-0012	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	571.93	107.96
08 63 13 00-0013	EA		39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	664.01	118.75
08 63 13 00-0014	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	476.23	97.16
08 63 13 00-0015	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	526.98	107.96
08 63 13 00-0016	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	578.01	107.96
08 63 13 00-0017	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	636.06	118.75
08 63 13 00-0018	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	703.83	129.55
08 63 13 00-0019	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	789.82	140.35
08 63 13 00-0020	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	563.43	107.96
08 63 13 00-0021	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	620.27	118.75
08 63 13 00-0022	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	705.04	129.55
08 63 13 00-0023	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	736.63	129.55
08 63 13 00-0024	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	846.93	140.35

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	382.94	86.37
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	424.26	86.37
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	534.56	97.16
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	598.67	107.96
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	430.33	86.37
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	505.40	97.16
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	534.56	97.16
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	613.25	107.96
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	688.31	118.75
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	510.26	97.16
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	565.86	107.96
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	598.67	107.96
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	659.15	118.75
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	715.98	129.55
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	803.18	140.35
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	603.53	107.96
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	664.01	118.75
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	730.56	129.55
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	764.58	129.55
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	865.15	140.35

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights

(08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	387.80	86.37
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	433.98	86.37
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	547.92	97.16
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	442.48	86.37
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	522.41	97.16
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	547.92	97.16
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	627.83	107.96
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	521.19	97.16
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	575.58	107.96
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	614.46	107.96
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	674.95	118.75
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	735.42	129.55
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	618.11	107.96
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	683.45	118.75
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	750.00	129.55
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	784.02	129.55

08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights

(08 63 13 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	396.31	86.37
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 63 13 00-0065	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	447.34	86.37
08 63 13 00-0066	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	560.08	97.16
08 63 13 00-0067	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	642.41	107.96
08 63 13 00-0068	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	454.63	86.37
08 63 13 00-0069	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	533.34	97.16
08 63 13 00-0070	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	560.08	97.16
08 63 13 00-0071	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	646.06	107.96
08 63 13 00-0072	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	534.56	97.16
08 63 13 00-0073	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	588.95	107.96
08 63 13 00-0074	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	631.47	107.96
08 63 13 00-0075	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	693.17	118.75
08 63 13 00-0076	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	754.86	129.55
08 63 13 00-0077	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	636.33	107.96
08 63 13 00-0078	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	701.68	118.75
08 63 13 00-0079	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	769.44	129.55
08 63 13 00-0080	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	805.90	129.55
08 63 13 00-0081			Curb Top Inserts <small>(08 63 13 00-0003)</small> Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082			Single Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0083	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	130.89	43.18
08 63 13 00-0084	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	177.55	48.58
08 63 13 00-0085	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	292.79	64.78
08 63 13 00-0086	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	270.86	59.38
08 63 13 00-0087	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	327.42	64.78
08 63 13 00-0088			Double Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0089	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	181.60	43.18
08 63 13 00-0090	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	275.24	48.58
08 63 13 00-0091	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	469.64	64.78
08 63 13 00-0092	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	458.84	59.38
08 63 13 00-0093	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	572.29	64.78
08 63 13 00-0094			Triple Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0095	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	231.06	43.18
08 63 13 00-0096	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	368.00	48.58
08 63 13 00-0097	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	687.30	64.78
08 63 13 00-0098	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	634.45	59.38
08 63 13 00-0099	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	799.84	64.78
08 63 13 00-0100			Pyramid Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0101			Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	300.32	86.37
08 63 13 00-0103	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	352.56	86.37
08 63 13 00-0104	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	442.21	97.16
08 63 13 00-0105	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	550.06	107.96
08 63 13 00-0106			Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	395.09	86.37
08 63 13 00-0108	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	449.77	86.37

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	530.91		97.16
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	631.47		107.96
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>			
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	345.27		86.37
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	450.72		97.16
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	530.62		107.96
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	425.20		97.16
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	450.72		97.16
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	545.20		107.96
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	638.49		118.75
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	494.17		107.96
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	530.62		107.96
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	592.32		118.75
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	650.36		129.55
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	763.08		140.35
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	606.90		118.75
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	686.82		129.55
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	724.48		129.55
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	833.56		140.35
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	386.59		86.37
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	430.33		86.37
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	540.63		97.16
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	438.84		86.37
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	492.03		97.16
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	515.12		97.16
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	540.63		97.16
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	621.75		107.96
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	516.33		97.16
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	570.72		107.96
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	607.17		107.96
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	666.44		118.75
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	725.70		129.55
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	609.60		107.96
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	674.95		118.75
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	740.28		129.55
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	773.09		129.55

	MINOR	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	426.69	86.37
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	556.43	97.16
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	528.48	97.16
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	556.43	97.16
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	641.19	107.96
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	585.30	107.96
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	625.40	107.96
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	688.31	118.75
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	745.14	129.55
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	696.82	118.75
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	764.58	129.55
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	799.82	129.55
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0001)</small>		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0160)</small> Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0161)</small>		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,678.34	129.55
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,567.76	129.55
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,759.75	129.55
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,163.16	129.55
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,057.45	129.55
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,273.74	129.55
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,302.90	129.55
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,194.75	129.55
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,411.04	129.55
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0161)</small>		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0175)</small>		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,685.63	129.55
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,575.05	129.55
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,770.68	129.55

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 63 13 00-0180	25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0181	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,172.88	129.55
08 63 13 00-0182	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,064.74	129.55
08 63 13 00-0183	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,285.89	129.55
08 63 13 00-0184	30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0185	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,310.19	129.55
08 63 13 00-0186	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,202.04	129.55
08 63 13 00-0187	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,423.19	129.55

08 66 Wood-Framed Skylights (08 66)

08 66 00 00-0001	Wood-Framed Skylights (Andersen 400 Series) (08 66)		
08 66 00 00-0002	EA 16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	554.73	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	75.34	
	For Aluminum Shingle Flashing, Add	60.27	
08 66 00 00-0003	EA 16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	567.03	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	78.42	
	For Aluminum Shingle Flashing, Add	62.73	
08 66 00 00-0004	EA 24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	537.82	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	71.12	
	For Aluminum Shingle Flashing, Add	56.89	
08 66 00 00-0005	EA 24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	576.26	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	80.73	
	For Aluminum Shingle Flashing, Add	64.58	
08 66 00 00-0006	EA 24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	608.55	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	88.80	
	For Aluminum Shingle Flashing, Add	71.04	
08 66 00 00-0007	EA 24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.83	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	101.87	
	For Aluminum Shingle Flashing, Add	81.49	
08 66 00 00-0008	EA 24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	726.94	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	118.40	
	For Aluminum Shingle Flashing, Add	94.72	
08 66 00 00-0009	EA 27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	537.82	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	71.12	
	For Aluminum Shingle Flashing, Add	56.89	
08 66 00 00-0010	EA 28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	616.24	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	90.72	
	For Aluminum Shingle Flashing, Add	72.58	
08 66 00 00-0011	EA 28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.83	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	101.87	
	For Aluminum Shingle Flashing, Add	81.49	
08 66 00 00-0012	EA 28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	711.57	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	114.55	
	For Aluminum Shingle Flashing, Add	91.64	
08 66 00 00-0013	EA 28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	779.22	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	131.47	
	For Aluminum Shingle Flashing, Add	105.17	
08 66 00 00-0014	EA 38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	554.73	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	75.34	
	For Aluminum Shingle Flashing, Add	60.27	
08 66 00 00-0015	EA 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	576.26	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	80.73	
	For Aluminum Shingle Flashing, Add	64.58	
08 66 00 00-0016	EA 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	616.24	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	90.72	
	For Aluminum Shingle Flashing, Add	72.58	
08 66 00 00-0017	EA 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	757.70	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	126.09	
	For Aluminum Shingle Flashing, Add	100.87	
08 66 00 00-0018	EA 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	567.03	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	78.42	
	For Aluminum Shingle Flashing, Add	62.73	
08 66 00 00-0019	EA 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	608.55	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	88.80	
	For Aluminum Shingle Flashing, Add	71.04	
08 66 00 00-0020	EA 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.83	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	101.87	
	For Aluminum Shingle Flashing, Add	81.49	
08 66 00 00-0021	EA 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series).....	757.70	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	126.09	
	For Aluminum Shingle Flashing, Add	100.87	
08 66 00 00-0022	EA 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	660.83	126.69
	For Tempered Laminated Low-E Insulated Glass, Add	101.87	
	For Aluminum Shingle Flashing, Add	81.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0023	EA	57" x 28",	Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	711.57 114.55 91.64	126.69
08 66 00 00-0024	EA	72" x 24-1/2",	Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	726.94 118.40 94.72	126.69
08 66 00 00-0025	EA	72" x 28",	Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	779.22 131.47 105.17	126.69

08 70 Hardware (08)

08 71 Door Hardware (08 70)

08 71 11 Door Hardware (08 71)

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001	Hinges	<small>(08 71 11)</small> Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.		
08 71 11 00-0002	Brass/Bronze, Satin Chrome Finish Hinges	<small>(08 71 11 00-0001)</small> Note: US26D (BHMA 626) satin chrome finish.		
08 71 11 00-0003	Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges	<small>(08 71 11 00-0002)</small> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	71.27	7.10
		<i>For Clear Coated Bright Brass, Add</i>	4.73	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	78.11	10.13
		<i>For Clear Coated Bright Brass, Add</i>	5.26	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	89.33	11.15
		<i>For Clear Coated Bright Brass, Add</i>	4.40	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0007	Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges	<small>(08 71 11 00-0002)</small> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	81.54	7.10
		<i>For Clear Coated Bright Brass, Add</i>	6.06	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	93.98	10.13
		<i>For Clear Coated Bright Brass, Add</i>	6.06	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	96.17	11.15
		<i>For Clear Coated Bright Brass, Add</i>	5.36	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	112.34	13.18
		<i>For Clear Coated Bright Brass, Add</i>	6.27	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	113.02	13.18
		<i>For Clear Coated Bright Brass, Add</i>	6.36	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	120.81	16.93
		<i>For Clear Coated Bright Brass, Add</i>	7.46	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0014	Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges	<small>(08 71 11 00-0002)</small> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	91.99	7.10
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	104.42	10.13
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	107.52	11.15
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	124.86	13.18
08 71 11 00-0019	Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges	<small>(08 71 11 00-0002)</small> Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	118.95	11.15
		<i>For Clear Coated Bright Brass, Add</i>	8.55	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	135.30	13.18
		<i>For Clear Coated Bright Brass, Add</i>	9.48	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	149.64	13.18
		<i>For Clear Coated Bright Brass, Add</i>	11.49	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0023	Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0023) Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024	PR 4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	121.78	11.15
	For Clear Coated Bright Brass, Add	8.94	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0025	PR 5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	143.37	13.18
	For Clear Coated Bright Brass, Add	10.61	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0026	Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge (08 71 11 00-0026) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR 4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	118.35	11.15
	For Clear Coated Bright Brass, Add	8.46	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0028	PR 5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	136.86	16.93
	For Clear Coated Bright Brass, Add	9.70	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0029	PR 6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	161.50	16.93
	For Clear Coated Bright Brass, Add	13.15	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0030	Mortised, Wrought Steel Hinges (08 71 11 00-0001) Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 11 00-0031	Full Mortise, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032	PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	47.33	7.10
	For Primed For Paint Finish, Deduct	-1.82	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	1.14	
	For Satin Brass Plated Clear Coated Finish, Deduct	-1.09	
	For Stainless Steel, Add	5.00	
	For Heavy Duty, Add	1.36	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0033	PR 4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	60.71	10.13
	For Primed For Paint Finish, Deduct	-2.01	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	1.25	
	For Satin Brass Plated Clear Coated Finish, Deduct	-1.20	
	For Stainless Steel, Add	5.52	
	For Heavy Duty, Add	1.50	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0034	PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	70.14	11.15
	For Primed For Paint Finish, Deduct	-2.45	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	1.53	
	For Satin Brass Plated Clear Coated Finish, Deduct	-1.47	
	For Stainless Steel, Add	6.73	
	For Heavy Duty, Add	1.83	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0035	Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0036	PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	71.38	7.10
	For Primed For Paint Finish, Deduct	-6.63	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	4.14	
	For Satin Brass Plated Clear Coated Finish, Deduct	-3.98	
	For Stainless Steel, Add	18.23	
	For Heavy Duty, Add	4.97	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0037	PR 4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	88.21	10.13
	For Primed For Paint Finish, Deduct	-7.51	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	4.69	
	For Satin Brass Plated Clear Coated Finish, Deduct	-4.50	
	For Stainless Steel, Add	20.64	
	For Heavy Duty, Add	5.63	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0038	PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	107.91	11.15
	For Primed For Paint Finish, Deduct	-10.00	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.25	
	For Satin Brass Plated Clear Coated Finish, Deduct	-6.00	
	For Stainless Steel, Add	27.50	
	For Heavy Duty, Add	7.50	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0039	PR 5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	122.43	13.18
	For Primed For Paint Finish, Deduct	-10.97	
	For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.86	
	For Satin Brass Plated Clear Coated Finish, Deduct	-6.58	
	For Stainless Steel, Add	30.18	
	For Heavy Duty, Add	8.23	
	For Pair Of Non-Removable Pins (NRP), Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0040	PR		5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	130.17 -12.52 7.83 -7.51 34.44 9.39 6.00	13.18
08 71 11 00-0041	PR		6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	153.78 -17.24 10.78 -10.35 47.42 12.93 6.00	13.18
08 71 11 00-0042			Half Surface, Plain Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small> Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0043	PR		3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	85.27 -9.41 5.88 -5.64 25.87 7.05 6.00	7.10
08 71 11 00-0044	PR		4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	103.98 -10.66 6.66 -6.40 29.32 8.00 6.00	10.13
08 71 11 00-0045	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	117.48 -11.91 7.45 -7.15 32.76 8.94 6.00	11.15
08 71 11 00-0046	PR		5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	133.40 -13.17 8.23 -7.90 36.21 9.88 6.00	13.18
08 71 11 00-0047			Half Surface, Ball Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small> Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0048	PR		4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	118.09 -13.48 8.43 -8.09 37.08 10.11 6.00	11.15
08 71 11 00-0049	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	132.50 -14.92 9.32 -8.95 41.02 11.19 6.00	11.15
08 71 11 00-0050	PR		5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	153.78 -17.24 10.78 -10.35 47.42 12.93 6.00	13.18
08 71 11 00-0051			Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small> Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0052	PR		4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	109.53 -10.32 6.45 -6.19 28.39 7.74 6.00	11.15
08 71 11 00-0053			Blank Butt Hinges <small>(08 71 11 00-0030)</small>		

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0054	PR 3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge For Primed For Paint Finish, Deduct For Bright Chrome Plated Finish US26 (BHMA 625), Add For Satin Brass Plated Clear Coated Finish, Deduct For Stainless Steel, Add For Heavy Duty, Add For Pair Of Non-Removable Pins (NRP), Add	24.69 -1.31 0.82 -0.79 3.61 0.99 6.00	4.56
08 71 11 00-0055	Full Mortise, Single Acting Spring, Wrought Steel Hinges (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056	PR 3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... For Primed For Paint Finish, Deduct For Bright Chrome Plated Finish US26 (BHMA 625), Add For Satin Brass Plated Clear Coated Finish, Deduct For Stainless Steel, Add	87.55 -9.86 6.16 -5.92 27.12	7.10
08 71 11 00-0057	PR 4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... For Primed For Paint Finish, Deduct For Bright Chrome Plated Finish US26 (BHMA 625), Add For Satin Brass Plated Clear Coated Finish, Deduct For Stainless Steel, Add	115.18 -12.90 8.06 -7.74 35.48	10.13
08 71 11 00-0058	PR 4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... For Primed For Paint Finish, Deduct For Bright Chrome Plated Finish US26 (BHMA 625), Add For Satin Brass Plated Clear Coated Finish, Deduct For Stainless Steel, Add	152.78 -18.97 11.86 -11.38 52.18	11.15
08 71 11 00-0059	Offset And Pivot Hinges (08 71 11 00-0001) Note: Satin chrome plated, US26D.		
08 71 11 00-0060	Offset Swing Clear Hinges (08 71 11 00-0059) Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA 4-1/2", Swing Clear, Offset Hinges For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Bright Chrome Plated US26 (BHMA 625) Finish, Add	145.79 25.30 40.74	3.17
08 71 11 00-0062	Offset Pivot Hinges (08 71 11 00-0059)		
08 71 11 00-0063	3/4" Offset Pivot Hinges (08 71 11 00-0062)		
08 71 11 00-0064	3/4" Offset Pivot Hinges (08 71 11 00-0063)		
08 71 11 00-0065	Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0064)		
08 71 11 00-0066	200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0067	EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	101.38	10.13
08 71 11 00-0068	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	134.56	10.13
08 71 11 00-0069	EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	153.00	10.13
08 71 11 00-0070	EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	153.00	10.13
08 71 11 00-0071	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	153.00	10.13
08 71 11 00-0072	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	153.00	10.13
08 71 11 00-0073	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	153.00	10.13
08 71 11 00-0074	EA Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	110.97	10.13
08 71 11 00-0075	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	139.74	10.13
08 71 11 00-0076	EA Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	158.90	10.13
08 71 11 00-0077	EA Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	158.90	10.13
08 71 11 00-0078	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	158.90	10.13
08 71 11 00-0079	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	158.90	10.13
08 71 11 00-0080	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	158.90	10.13
08 71 11 00-0081	EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	101.38	10.13
08 71 11 00-0082	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	134.56	10.13
08 71 11 00-0083	EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	153.00	10.13
08 71 11 00-0084	EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	153.00	10.13
08 71 11 00-0085	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	153.00	10.13
08 71 11 00-0086	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	153.00	10.13
08 71 11 00-0087	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	153.00	10.13
08 71 11 00-0088	500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0089	EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	106.44	12.67
08 71 11 00-0090	EA Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	139.62	12.67
08 71 11 00-0091	EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	158.06	12.67
08 71 11 00-0092	EA Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	158.06	12.67
08 71 11 00-0093	EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	158.06	12.67
08 71 11 00-0094	EA Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	158.06	12.67
08 71 11 00-0095	EA Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	158.06	12.67
08 71 11 00-0096	600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0097	EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	106.44	12.67
08 71 11 00-0098	EA Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	139.62	12.67
08 71 11 00-0099	EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	158.06	12.67
08 71 11 00-0100	EA Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	158.06	12.67
08 71 11 00-0101	EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	158.06	12.67
08 71 11 00-0102	EA Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	158.06	12.67
08 71 11 00-0103	EA Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	158.06	12.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0104			700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0065)</small>		
08 71 11 00-0105	EA		Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	106.44	12.67
08 71 11 00-0106	EA		Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	139.62	12.67
08 71 11 00-0107	EA		Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	158.06	12.67
08 71 11 00-0108	EA		Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	158.06	12.67
08 71 11 00-0109	EA		Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	158.06	12.67
08 71 11 00-0110	EA		Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	158.06	12.67
08 71 11 00-0111	EA		Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	158.06	12.67
08 71 11 00-0112			Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0064)</small>		
08 71 11 00-0113			200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0112)</small>		
08 71 11 00-0114	EA		Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	124.97	10.13
08 71 11 00-0115	EA		Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	153.00	10.13
08 71 11 00-0116	EA		Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.91	10.13
08 71 11 00-0117	EA		Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.91	10.13
08 71 11 00-0118	EA		Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.91	10.13
08 71 11 00-0119	EA		Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.91	10.13
08 71 11 00-0120	EA		Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.91	10.13
08 71 11 00-0121			500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0112)</small>		
08 71 11 00-0122	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	139.62	12.67
08 71 11 00-0123	EA		Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	148.47	12.67
08 71 11 00-0124	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	163.96	12.67
08 71 11 00-0125	EA		Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	163.96	12.67
08 71 11 00-0126	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	163.96	12.67
08 71 11 00-0127	EA		Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	163.96	12.67
08 71 11 00-0128	EA		Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	163.96	12.67
08 71 11 00-0129			600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0112)</small>		
08 71 11 00-0130	EA		Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	139.62	12.67
08 71 11 00-0131	EA		Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	148.47	12.67
08 71 11 00-0132	EA		Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	163.96	12.67
08 71 11 00-0133	EA		Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	163.96	12.67
08 71 11 00-0134	EA		Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	163.96	12.67
08 71 11 00-0135	EA		Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	163.96	12.67
08 71 11 00-0136	EA		Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	163.96	12.67
08 71 11 00-0137			700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0112)</small>		
08 71 11 00-0138	EA		Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	139.62	12.67
08 71 11 00-0139	EA		Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	148.47	12.67
08 71 11 00-0140	EA		Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	163.96	12.67
08 71 11 00-0141	EA		Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	163.96	12.67
08 71 11 00-0142	EA		Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	163.96	12.67
08 71 11 00-0143	EA		Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	163.96	12.67
08 71 11 00-0144	EA		Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	163.96	12.67
08 71 11 00-0145			Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0064)</small>		
08 71 11 00-0146			200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0145)</small>		
08 71 11 00-0147	EA		Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	110.97	10.13
08 71 11 00-0148	EA		Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	139.74	10.13
08 71 11 00-0149	EA		Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.90	10.13
08 71 11 00-0150	EA		Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.90	10.13
08 71 11 00-0151	EA		Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.90	10.13
08 71 11 00-0152	EA		Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.90	10.13
08 71 11 00-0153	EA		Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.90	10.13
08 71 11 00-0154	EA		Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	110.97	10.13
08 71 11 00-0155	EA		Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	139.74	10.13
08 71 11 00-0156	EA		Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.90	10.13
08 71 11 00-0157	EA		Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.90	10.13
08 71 11 00-0158	EA		Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.90	10.13
08 71 11 00-0159	EA		Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.90	10.13
08 71 11 00-0160	EA		Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.90	10.13
08 71 11 00-0161	EA		Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	96.96	10.13
08 71 11 00-0162	EA		Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	130.15	10.13
08 71 11 00-0163	EA		Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	149.31	10.13
08 71 11 00-0164	EA		Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	149.31	10.13

08 Openings**08 70 Hardware****08 71 Door Hardware**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0165	EA		Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	149.31	10.13
08 71 11 00-0166	EA		Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	149.31	10.13
08 71 11 00-0167	EA		Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	149.31	10.13
08 71 11 00-0168			500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0145)		
08 71 11 00-0169	EA		Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	167.65	12.67
08 71 11 00-0170	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	177.97	12.67
08 71 11 00-0171	EA		Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	177.97	12.67
08 71 11 00-0172	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	177.97	12.67
08 71 11 00-0173	EA		Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	177.97	12.67
08 71 11 00-0174	EA		Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	177.97	12.67
08 71 11 00-0175	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	180.92	12.67
08 71 11 00-0176			600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0145)		
08 71 11 00-0177	EA		Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	144.80	12.67
08 71 11 00-0178	EA		Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	158.06	12.67
08 71 11 00-0179	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	167.65	12.67
08 71 11 00-0180	EA		Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	167.65	12.67
08 71 11 00-0181	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	167.65	12.67
08 71 11 00-0182	EA		Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	167.65	12.67
08 71 11 00-0183	EA		Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	167.65	12.67
08 71 11 00-0184			700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0145)		
08 71 11 00-0185	EA		Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	324.71	12.67
08 71 11 00-0186	EA		Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	348.30	12.67
08 71 11 00-0187	EA		Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	385.92	12.67
08 71 11 00-0188	EA		Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	385.92	12.67
08 71 11 00-0189	EA		Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	385.92	12.67
08 71 11 00-0190	EA		Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	385.92	12.67
08 71 11 00-0191	EA		Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	385.92	12.67
08 71 11 00-0192			Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0063)		
08 71 11 00-0193			Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0194			500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0195	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	195.68	12.67
08 71 11 00-0196	EA		Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	230.32	12.67
08 71 11 00-0197	EA		Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	258.35	12.67
08 71 11 00-0198	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	258.35	12.67
08 71 11 00-0199	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	258.35	12.67
08 71 11 00-0200			600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0201	EA		Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	195.68	12.67
08 71 11 00-0202	EA		Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	230.32	12.67
08 71 11 00-0203	EA		Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	258.35	12.67
08 71 11 00-0204	EA		Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	258.35	12.67
08 71 11 00-0205	EA		Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	258.35	12.67
08 71 11 00-0206			700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0207	EA		Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	195.68	12.67
08 71 11 00-0208	EA		Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	230.32	12.67
08 71 11 00-0209	EA		Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	258.35	12.67
08 71 11 00-0210	EA		Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	258.35	12.67
08 71 11 00-0211	EA		Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	258.35	12.67
08 71 11 00-0212			1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0213	EA		Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	206.63	15.20
08 71 11 00-0214	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	235.39	15.20
08 71 11 00-0215	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	248.67	15.20
08 71 11 00-0216	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	248.67	15.20
08 71 11 00-0217	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	248.67	15.20
08 71 11 00-0218			1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0193)</small>		
08 71 11 00-0219	EA		Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	206.63	15.20
08 71 11 00-0220	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	235.39	15.20
08 71 11 00-0221	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	248.67	15.20
08 71 11 00-0222	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	248.67	15.20
08 71 11 00-0223	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	248.67	15.20
08 71 11 00-0224			Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0192)</small>		
08 71 11 00-0225			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0226	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	201.56	12.67
08 71 11 00-0227	EA		Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	234.01	12.67
08 71 11 00-0228	EA		Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	243.60	12.67
08 71 11 00-0229	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	243.60	12.67
08 71 11 00-0230	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	243.60	12.67
08 71 11 00-0231			600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0232	EA		Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	201.56	12.67
08 71 11 00-0233	EA		Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	234.01	12.67
08 71 11 00-0234	EA		Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	243.60	12.67
08 71 11 00-0235	EA		Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	243.60	12.67
08 71 11 00-0236	EA		Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	243.60	12.67
08 71 11 00-0237			700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0238	EA		Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	201.56	12.67
08 71 11 00-0239	EA		Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	234.01	12.67
08 71 11 00-0240	EA		Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	243.60	12.67
08 71 11 00-0241	EA		Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	243.60	12.67
08 71 11 00-0242	EA		Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	243.60	12.67
08 71 11 00-0243			1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0224)</small>		
08 71 11 00-0244	EA		Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	225.81	15.20
08 71 11 00-0245	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	258.99	15.20
08 71 11 00-0246	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	267.83	15.20
08 71 11 00-0247	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	267.83	15.20
08 71 11 00-0248	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	267.83	15.20

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0249			1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0250	EA		Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	225.81	15.20
08 71 11 00-0251	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	258.99	15.20
08 71 11 00-0252	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	267.83	15.20
08 71 11 00-0253	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	267.83	15.20
08 71 11 00-0254	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	267.83	15.20
08 71 11 00-0255			Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0256			500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0257	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	224.43	12.67
08 71 11 00-0258	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	276.79	12.67
08 71 11 00-0259	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	296.69	12.67
08 71 11 00-0260	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	296.69	12.67
08 71 11 00-0261	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	296.69	12.67
08 71 11 00-0262			600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0263	EA		Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	220.74	12.67
08 71 11 00-0264	EA		Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	234.01	12.67
08 71 11 00-0265	EA		Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	267.94	12.67
08 71 11 00-0266	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	267.94	12.67
08 71 11 00-0267	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	267.94	12.67
08 71 11 00-0268			1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0269	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	253.83	15.20
08 71 11 00-0270	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	281.86	15.20
08 71 11 00-0271	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	292.17	15.20
08 71 11 00-0272	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	292.17	15.20
08 71 11 00-0273	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	292.17	15.20
08 71 11 00-0274			1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0275	EA		Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	357.80	15.20
08 71 11 00-0276	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	381.40	15.20
08 71 11 00-0277	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	390.99	15.20
08 71 11 00-0278	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	390.99	15.20
08 71 11 00-0279	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	390.99	15.20
08 71 11 00-0280			1-1/2" Offset Pivot Hinges (08 71 11 00-0062)		
08 71 11 00-0281			Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0280)		
08 71 11 00-0282			Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0281)		
08 71 11 00-0283			400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0282)		
08 71 11 00-0284	EA		Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	230.32	12.67
08 71 11 00-0285	EA		Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	248.76	12.67
08 71 11 00-0286	EA		Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	262.76	12.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0287	EA		Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	262.76	12.67
08 71 11 00-0288	EA		Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	262.76	12.67
08 71 11 00-0289			500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0289)</small>		
08 71 11 00-0290	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	230.32	12.67
08 71 11 00-0291	EA		Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	248.76	12.67
08 71 11 00-0292	EA		Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	262.76	12.67
08 71 11 00-0293	EA		Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	262.76	12.67
08 71 11 00-0294	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	262.76	12.67
08 71 11 00-0295			Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0295)</small>		
08 71 11 00-0296			400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0296)</small>		
08 71 11 00-0297	EA		Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	239.17	12.67
08 71 11 00-0298	EA		Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	267.94	12.67
08 71 11 00-0299	EA		Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	281.94	12.67
08 71 11 00-0300	EA		Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	281.94	12.67
08 71 11 00-0301	EA		Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	281.94	12.67
08 71 11 00-0302			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0302)</small>		
08 71 11 00-0303	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	239.17	12.67
08 71 11 00-0304	EA		Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	267.94	12.67
08 71 11 00-0305	EA		Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	281.94	12.67
08 71 11 00-0306	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	281.94	12.67
08 71 11 00-0307	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	281.94	12.67
08 71 11 00-0308			Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0308)</small>		
08 71 11 00-0309			400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0309)</small>		
08 71 11 00-0310	EA		Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	234.01	12.67
08 71 11 00-0311	EA		Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	267.94	12.67
08 71 11 00-0312	EA		Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	281.94	12.67
08 71 11 00-0313	EA		Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	281.94	12.67
08 71 11 00-0314	EA		Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	281.94	12.67
08 71 11 00-0315			500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0315)</small>		
08 71 11 00-0316	EA		Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	376.33	12.67
08 71 11 00-0317	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	414.68	12.67
08 71 11 00-0318	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	424.27	12.67
08 71 11 00-0319	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	424.27	12.67
08 71 11 00-0320	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	424.27	12.67
08 71 11 00-0321			Center Hung Pivot Hinges <small>(08 71 11 00-0321)</small>		
08 71 11 00-0322			Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>		
08 71 11 00-0323			300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0323)</small>		
08 71 11 00-0324	EA		Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	120.56	10.13

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	130.15	10.13
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	125.62	12.67
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	135.21	12.67
08 71 11 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	125.62	12.67
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	135.21	12.67
08 71 11 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.04	15.20
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	229.50	15.20
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	263.42	15.20
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	263.42	15.20
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	263.42	15.20
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	263.42	15.20
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	263.42	15.20
08 71 11 00-0355		Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0321)		
08 71 11 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	92.53	10.13
08 71 11 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	106.55	10.13
08 71 11 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.56	10.13
08 71 11 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.56	10.13
08 71 11 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.56	10.13
08 71 11 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.56	10.13
08 71 11 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	120.56	10.13
08 71 11 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	135.21	12.67
08 71 11 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	139.62	12.67
08 71 11 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	135.21	12.67
08 71 11 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	139.62	12.67
08 71 11 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	267.94	12.67
08 71 11 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	281.94	12.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0382	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	296.69	12.67
08 71 11 00-0383	EA		Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	296.69	12.67
08 71 11 00-0384	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	296.69	12.67
08 71 11 00-0385	EA		Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	296.69	12.67
08 71 11 00-0386	EA		Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	296.69	12.67
08 71 11 00-0387			1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0385)		
08 71 11 00-0388	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	490.54	15.20
08 71 11 00-0389	EA		Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	504.54	15.20
08 71 11 00-0390	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	523.72	15.20
08 71 11 00-0391	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	523.72	15.20
08 71 11 00-0392	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	523.72	15.20
08 71 11 00-0393	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	523.72	15.20
08 71 11 00-0394	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	523.72	15.20
08 71 11 00-0395			Continuous Barrel-Type Hinge (08 71 11 00-0001)		
08 71 11 00-0396	LF		1-1/2" Wide, Steel, Continuous Barrel-Type Hinge.....	23.34	4.05
			<i>For Stainless Steel, Add</i>	3.92	
			<i>For Brass Or Nickel, Add</i>	4.27	
			<i>For Aluminum, Add</i>	1.40	
			<i>For Medium Gauge, Deduct</i>	-1.42	
08 71 11 00-0397	LF		2" Wide, Steel, Continuous Barrel-Type Hinge.....	23.82	4.05
			<i>For Stainless Steel, Add</i>	4.18	
			<i>For Brass Or Nickel, Add</i>	4.56	
			<i>For Aluminum, Add</i>	1.49	
			<i>For Medium Gauge, Deduct</i>	-1.52	
08 71 11 00-0398	LF		2-1/2" Wide, Steel, Continuous Barrel-Type Hinge.....	24.77	4.05
			<i>For Stainless Steel, Add</i>	4.70	
			<i>For Brass Or Nickel, Add</i>	5.13	
			<i>For Aluminum, Add</i>	1.68	
			<i>For Medium Gauge, Deduct</i>	-1.71	
08 71 11 00-0399	LF		3" Wide, Steel, Continuous Barrel-Type Hinge.....	25.84	4.05
			<i>For Stainless Steel, Add</i>	5.29	
			<i>For Brass Or Nickel, Add</i>	5.77	
			<i>For Aluminum, Add</i>	1.89	
			<i>For Medium Gauge, Deduct</i>	-1.92	
08 71 11 00-0400			Continuous Geared Hinges (08 71 11 00-0001)		
08 71 11 00-0401	LF		Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053).....	40.85	4.05
			<i>For Bronze Finish, Add</i>	9.24	
			<i>For Heavy Duty, Add</i>	6.58	
08 71 11 00-0402	LF		Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057).....	43.73	4.05
			<i>For Bronze Finish, Add</i>	10.32	
			<i>For Heavy Duty, Add</i>	7.35	
08 71 11 00-0403	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112).....	29.31	4.05
			<i>For Bronze Finish, Add</i>	4.91	
08 71 11 00-0404	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD).....	33.48	4.05
			<i>For Bronze Finish, Add</i>	6.47	
08 71 11 00-0405			Mortised, Primed Steel, Double Acting Spring Hinges (08 71 11 00-0001)		
08 71 11 00-0406	PR		2", Mortised, Primed Steel, Double Acting Spring Hinge.....	107.30	7.10
			<i>For Satin Brass, Add</i>	17.24	
08 71 11 00-0407	PR		3", Mortised, Primed Steel, Double Acting Spring Hinge.....	117.47	9.12
			<i>For Satin Brass, Add</i>	17.25	
08 71 11 00-0408	PR		4", Mortised, Primed Steel, Double Acting Spring Hinge.....	131.52	11.15
			<i>For Satin Brass, Add</i>	18.19	
08 71 11 00-0409	PR		5", Mortised, Primed Steel, Double Acting Spring Hinge.....	170.72	13.18
			<i>For Satin Brass, Add</i>	25.16	
08 71 11 00-0410	PR		6", Mortised, Primed Steel, Double Acting Spring Hinge.....	191.48	15.20
			<i>For Satin Brass, Add</i>	27.71	
08 71 11 00-0411	PR		7", Mortised, Primed Steel, Double Acting Spring Hinge.....	229.17	17.23
			<i>For Satin Brass, Add</i>	34.33	
08 71 11 00-0412	PR		8", Mortised, Primed Steel, Double Acting Spring Hinge.....	306.65	48.14
			<i>For Satin Brass, Add</i>	50.49	
08 71 11 00-0413			Security Hinges (08 71 11 00-0001)		
08 71 11 00-0414	EA		4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge.....	35.43	7.10

08 Openings**08 70 Hardware****08 71 Door Hardware**

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0415					Concealed Circuit Electric Hinge Option (08 71 11 00-0001) Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
	08 71 11 00-0416	EA			4 Wire Concealed Circuit Electric Hinge Option.....	176.46	
	08 71 11 00-0417	EA			6 Wire Concealed Circuit Electric Hinge Option.....	208.35	
	08 71 11 00-0418	EA			8 Wire Concealed Circuit Electric Hinge Option.....	240.23	
08 71 11 00-0419					Hinge Filler Plates For Door Frames (08 71 11 00-0001)		
	08 71 11 00-0420	PR			Hinge Filler Plates For Door Frames.....	15.90	5.07
08 71 11 00-0421					Door Trim (08 71 11)		
08 71 11 00-0422					Floor Stops, Wall Stops And Bumpers (08 71 11 00-0421)		
08 71 11 00-0423					Floor Stops (08 71 11 00-0422)		
08 71 11 00-0424					Aluminum Floor Stops (08 71 11 00-0423)		
	08 71 11 00-0425	EA			1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	27.20	12.67
	08 71 11 00-0426	EA			1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	29.06	12.67
	08 71 11 00-0427	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	29.78	12.67
	08 71 11 00-0428	EA			2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	40.59	12.67
	08 71 11 00-0429	EA			3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448).....	41.88	12.67
08 71 11 00-0430					Brass Floor Stops (08 71 11 00-0423)		
	08 71 11 00-0431	EA			1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	29.33	12.67
	08 71 11 00-0432	EA			1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436).....	30.04	12.67
	08 71 11 00-0433	EA			1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436).....	30.04	12.67
	08 71 11 00-0434	EA			1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436).....	30.31	12.67
	08 71 11 00-0435	EA			1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436).....	30.68	12.67
	08 71 11 00-0436	EA			1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436).....	30.68	12.67
	08 71 11 00-0437	EA			1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436).....	30.68	12.67
	08 71 11 00-0438	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	29.78	12.67
	08 71 11 00-0439	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438).....	30.85	12.67
	08 71 11 00-0440	EA			1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438).....	30.85	12.67
	08 71 11 00-0441	EA			1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	31.27	12.67
	08 71 11 00-0442	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438).....	31.64	12.67
	08 71 11 00-0443	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438).....	31.64	12.67
	08 71 11 00-0444	EA			1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	33.34	12.67
	08 71 11 00-0445	EA			1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	30.92	12.67
	08 71 11 00-0446	EA			1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13).....	30.92	12.67
	08 71 11 00-0447	EA			1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	32.10	12.67
	08 71 11 00-0448	EA			1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13).....	32.10	12.67
	08 71 11 00-0449	EA			1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13).....	32.10	12.67
	08 71 11 00-0450	EA			1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13).....	32.10	12.67
	08 71 11 00-0451	EA			1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17).....	31.74	12.67
	08 71 11 00-0452	EA			1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17).....	31.74	12.67
	08 71 11 00-0453	EA			1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17).....	32.89	12.67
	08 71 11 00-0454	EA			1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17).....	32.89	12.67
	08 71 11 00-0455	EA			1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17).....	32.89	12.67
	08 71 11 00-0456	EA			1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17).....	32.89	12.67
	08 71 11 00-0457	EA			2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	41.63	12.67
	08 71 11 00-0458	EA			2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	42.14	12.67
	08 71 11 00-0459	EA			2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	43.38	12.67
	08 71 11 00-0460	EA			2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441).....	44.38	12.67
	08 71 11 00-0461	EA			2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441).....	44.38	12.67
	08 71 11 00-0462	EA			2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441).....	48.46	12.67
	08 71 11 00-0463	EA			2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441).....	48.46	12.67
	08 71 11 00-0464	EA			3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448).....	46.95	12.67
	08 71 11 00-0465	EA			3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448).....	47.68	12.67
	08 71 11 00-0466	EA			3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448).....	47.68	12.67
	08 71 11 00-0467	EA			3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448).....	47.68	12.67
	08 71 11 00-0468	EA			3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448).....	47.68	12.67
	08 71 11 00-0469	EA			3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448).....	53.27	12.67
	08 71 11 00-0470	EA			3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448).....	53.27	12.67
	08 71 11 00-0471	EA			1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430).....	35.54	12.67
	08 71 11 00-0472	EA			1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430).....	36.47	12.67
	08 71 11 00-0473	EA			1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430).....	38.58	12.67
	08 71 11 00-0474	EA			1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430).....	38.58	12.67
	08 71 11 00-0475	EA			1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430).....	38.58	12.67
	08 71 11 00-0476	EA			1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430).....	39.21	12.67
08 71 11 00-0477					Steel Floor Stops (08 71 11 00-0423)		
	08 71 11 00-0478	EA			2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434).....	31.91	12.67
	08 71 11 00-0479	EA			1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S).....	66.52	12.67
					Note: Includes drilling, Excludes Grout.		
	08 71 11 00-0480	EA			3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L).....	69.47	12.67
					Note: Includes drilling, Excludes Grout.		
08 71 11 00-0481					Wall Stops (08 71 11 00-0422)		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-0482		Aluminum Wall Stops (08 71 11 00-0481)			
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	12.70	5.07	
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	18.69	7.60	
08 71 11 00-0485		Brass Wall Stops (08 71 11 00-0481)			
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	19.04	5.07	
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	19.04	5.07	
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	19.04	5.07	
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	21.80	5.07	
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	22.06	5.07	
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	22.06	5.07	
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	22.06	5.07	
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	48.12	7.60	
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	49.10	7.60	
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	49.10	7.60	
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	49.10	7.60	
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	49.10	7.60	
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	49.10	7.60	
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	41.27	7.60	
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	46.53	7.60	
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	46.53	7.60	
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	46.53	7.60	
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	46.53	7.60	
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	47.78	7.60	
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	47.78	7.60	
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	73.76	7.60	
08 71 11 00-0507		Steel Wall Stops (08 71 11 00-0481)			
08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	10.67	5.07	
08 71 11 00-0509		Hinge Pin Door Stops (08 71 11 00-0422)			
08 71 11 00-0510		Aluminum Hinge Pin Door Stops (08 71 11 00-0509)			
08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	21.87	10.13	
08 71 11 00-0512		Brass Hinge Pin Door Stops (08 71 11 00-0509)			
08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	22.17	10.13	
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	24.09	10.13	
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	28.71	10.13	
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	28.71	10.13	
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	28.71	10.13	
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	30.88	10.13	
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	30.88	10.13	
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	30.88	10.13	
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	30.88	10.13	
08 71 11 00-0522		Wall Bumpers (08 71 11 00-0422)			
08 71 11 00-0523		Brass Wall Bumpers (08 71 11 00-0522)			
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.35	12.67	
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.35	12.67	
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.35	12.67	
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.61	12.67	
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.61	12.67	
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.61	12.67	
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.61	12.67	
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	37.51	12.67	
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.92	12.67	
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.92	12.67	
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.92	12.67	
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.92	12.67	
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.92	12.67	
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	40.46	12.67	
08 71 11 00-0538		Rubber Wall Bumpers (08 71 11 00-0522)			

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0539	EA 1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W).....	27.39	12.67
08 71 11 00-0540	Holders (08 71 11 00-0421)		
08 71 11 00-0541	Plunger Type Door Holders (08 71 11 00-0540)		
08 71 11 00-0542	Aluminum Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0543	EA Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	50.52	7.60
08 71 11 00-0544	Brass Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0545	EA Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0546	EA Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0547	EA Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0548	EA Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0549	EA Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0550	EA Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0551	EA Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.91	7.60
08 71 11 00-0552	Kick Down Door Holders (08 71 11 00-0540)		
08 71 11 00-0553	Aluminum Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0554	EA Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	20.97	7.60
08 71 11 00-0555	Brass Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0556	EA Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	38.62	7.60
08 71 11 00-0557	EA Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	38.62	7.60
08 71 11 00-0558	EA Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	38.62	7.60
08 71 11 00-0559	EA Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	43.23	7.60
08 71 11 00-0560	EA Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455).....	43.23	7.60
08 71 11 00-0561	EA Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	43.23	7.60
08 71 11 00-0562	EA Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455).....	44.39	7.60
08 71 11 00-0563	Steel Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0564	EA Steel Kick Down Door Holder (Ives FS544)	24.53	7.60
08 71 11 00-0565	Floor Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0566	Brass Floor Mounted Door Holders (08 71 11 00-0565)		
08 71 11 00-0567	EA Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	75.86	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0568	EA Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	75.86	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0569	EA Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	91.16	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0570	EA Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	91.16	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0571	EA Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	91.16	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0572	EA Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	91.16	15.20
	For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
	For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
	For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0573	Wall Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0574	Aluminum Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0575	EA 4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20).....	63.73	8.87
08 71 11 00-0576	EA Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40).....	95.19	15.20
08 71 11 00-0577	Brass Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0578	EA 3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	59.10	8.87
08 71 11 00-0579	EA 3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	67.39	8.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0580	EA		3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	67.39	8.87
08 71 11 00-0581	EA		3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	67.39	8.87
08 71 11 00-0582	EA		3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	67.39	8.87
08 71 11 00-0583	EA		3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	67.39	8.87
08 71 11 00-0584	EA		3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	69.34	8.87
08 71 11 00-0585	EA		4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	66.04	8.87
08 71 11 00-0586	EA		4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	77.36	8.87
08 71 11 00-0587	EA		4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	77.36	8.87
08 71 11 00-0588	EA		4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	77.36	8.87
08 71 11 00-0589	EA		4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	77.36	8.87
08 71 11 00-0590	EA		4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	77.36	8.87
08 71 11 00-0591	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	106.48	15.20
08 71 11 00-0592	EA		Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	111.56	15.20
08 71 11 00-0593	EA		Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40).....	111.56	15.20
08 71 11 00-0594	EA		Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40).....	111.56	15.20
08 71 11 00-0595	EA		Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	111.56	15.20
08 71 11 00-0596	EA		Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	111.56	15.20
08 71 11 00-0597			Overhead Door Holders (08 71 11 00-0540)		
08 71 11 00-0598			Surface Mounted, Overhead Door Holders (08 71 11 00-0597)		
08 71 11 00-0599	EA		Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	333.24	25.33
			<i>For Hold Open, Add</i>	33.46	
08 71 11 00-0600	EA		Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	375.96	25.33
			<i>For Hold Open, Add</i>	39.63	
08 71 11 00-0601	EA		Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	375.96	25.33
			<i>For Hold Open, Add</i>	39.63	
08 71 11 00-0602	EA		Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	375.96	25.33
			<i>For Hold Open, Add</i>	39.63	
08 71 11 00-0603	EA		Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	374.50	25.33
			<i>For Hold Open, Add</i>	39.42	
08 71 11 00-0604			Heavy Duty, Surface Mounted, Overhead Door Holders (08 71 11 00-0597)		
			Note: With or without hold open feature.		
08 71 11 00-0605	EA		Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	268.73	25.33
08 71 11 00-0606	EA		Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	370.73	25.33
08 71 11 00-0607	EA		Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	415.19	25.33
08 71 11 00-0608	EA		Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	415.19	25.33
08 71 11 00-0609	EA		Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	415.19	25.33
08 71 11 00-0610			Concealed Mounted, Overhead Door Holders (08 71 11 00-0597)		
			Note: With or without hold open feature.		
08 71 11 00-0611	EA		Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	359.97	25.33
08 71 11 00-0612	EA		Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	359.97	25.33
08 71 11 00-0613	EA		Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	377.41	25.33
08 71 11 00-0614	EA		Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	392.23	25.33
08 71 11 00-0615	EA		Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	392.23	25.33
08 71 11 00-0616			Silencers (08 71 11 00-0421)		
08 71 11 00-0617	EA		Replacement Of Rubber Door Silencers.....	1.47	
			Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08 71 11 00-0618			Bolts (08 71 11 00-0421)		
08 71 11 00-0619			Brass Surface Bolts (08 71 11 00-0618)		
08 71 11 00-0620	EA		8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	105.88	12.67
08 71 11 00-0621	EA		8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	112.60	12.67
08 71 11 00-0622	EA		8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	112.60	12.67
08 71 11 00-0623			Steel Surface Bolts (08 71 11 00-0618)		
08 71 11 00-0624	EA		8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	53.87	12.67
08 71 11 00-0625	EA		8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	53.87	12.67
08 71 11 00-0626	EA		8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	53.87	12.67
08 71 11 00-0627	EA		8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	59.74	12.67
08 71 11 00-0628	EA		8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	60.58	12.67
08 71 11 00-0629	EA		8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	62.25	12.67
08 71 11 00-0630	EA		12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	61.41	12.67
08 71 11 00-0631	EA		12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	63.94	12.67
08 71 11 00-0632	EA		12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	67.29	12.67
08 71 11 00-0633	EA		12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	69.81	12.67
08 71 11 00-0634	EA		12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360).....	103.37	12.67
08 71 11 00-0635			Door Viewer (08 71 11 00-0421)		
08 71 11 00-0636			Brass Door Viewer (08 71 11 00-0635)		
08 71 11 00-0637	EA		120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700).....	33.34	12.67
08 71 11 00-0638	EA		120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700).....	33.34	12.67

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0639	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700).....	33.34	12.67
08 71 11 00-0640	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696).....	37.08	12.67
08 71 11 00-0641	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696).....	37.08	12.67
08 71 11 00-0642	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696).....	37.08	12.67
08 71 11 00-0643	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	41.71	12.67
08 71 11 00-0644	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	41.71	12.67
08 71 11 00-0645		Door Knockers (08 71 11 00-0421)		
08 71 11 00-0646		Brass Door Knockers (08 71 11 00-0645)		
08 71 11 00-0647	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125).....	44.90	12.67
08 71 11 00-0648	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125).....	48.46	12.67
08 71 11 00-0649	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125).....	48.46	12.67
08 71 11 00-0650	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125).....	48.46	12.67
08 71 11 00-0651	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107).....	61.97	12.67
08 71 11 00-0652	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107).....	70.56	12.67
08 71 11 00-0653		Hasps (08 71 11 00-0421)		
08 71 11 00-0654	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly.....	23.97	9.56
08 71 11 00-0655	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly.....	25.52	10.13
08 71 11 00-0656	EA	6", Zinc Plated Finish, Steel Hasp Assembly.....	31.31	11.40
08 71 11 00-0657	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly.....	101.17	13.68
08 71 11 00-0658		Flush Bolts (08 71 11 00-0421)		
08 71 11 00-0659		Flush Bolts For Metal Doors (08 71 11 00-0658)		
08 71 11 00-0660		Brass Flush Bolts For Metal Doors (08 71 11 00-0659)		
08 71 11 00-0661		Manual, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0662	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458).....	43.80	12.67
08 71 11 00-0663		Automatic, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0664	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T).....	92.28	12.67
08 71 11 00-0665	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B).....	92.28	12.67
08 71 11 00-0666	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P).....	167.42	20.27
08 71 11 00-0667	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32).....	162.35	17.73
08 71 11 00-0668	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33).....	169.08	19.00
08 71 11 00-0669		Constant Latching, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0670	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T).....	91.54	12.67
08 71 11 00-0671	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P).....	167.42	20.27
08 71 11 00-0672	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52).....	162.35	17.73
08 71 11 00-0673	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53).....	169.08	19.00
08 71 11 00-0674		Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0659)		
08 71 11 00-0675		Automatic, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0676	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T).....	92.28	12.67
08 71 11 00-0677	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B).....	92.28	12.67
08 71 11 00-0678	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P).....	167.42	20.27
08 71 11 00-0679	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32).....	162.35	17.73
08 71 11 00-0680	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33).....	169.08	19.00
08 71 11 00-0681		Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0682	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T).....	91.54	12.67
08 71 11 00-0683	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P).....	167.42	20.27
08 71 11 00-0684	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52).....	162.35	17.73
08 71 11 00-0685	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53).....	169.08	19.00
08 71 11 00-0686		Flush Bolts For Wood Doors (08 71 11 00-0658)		
08 71 11 00-0687		Brass Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0688		Manual, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358).....	50.07	12.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-0690			Automatic, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0691	EA		Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	95.55	12.67
08 71 11 00-0692	EA		Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B).....	95.55	12.67
08 71 11 00-0693	EA		Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P).....	174.46	20.27
08 71 11 00-0694	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	169.39	17.73
08 71 11 00-0695			Constant Latching, Brass Flush Bolts For Wood Doors (08 71 11 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0696	EA		Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	94.90	12.67
08 71 11 00-0697	EA		Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P).....	174.46	20.27
08 71 11 00-0698	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	169.39	17.73
08 71 11 00-0699			Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0700			Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0701	EA		Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T).....	95.55	12.67
08 71 11 00-0702	EA		Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B).....	95.55	12.67
08 71 11 00-0703	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P).....	174.46	20.27
08 71 11 00-0704	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42).....	169.39	17.73
08 71 11 00-0705			Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699) Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0706	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T).....	94.90	12.67
08 71 11 00-0707	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	174.46	20.27
08 71 11 00-0708	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62).....	169.39	17.73
08 71 11 00-0709			Dust Proof Strikes (08 71 11 00-0658)		
08 71 11 00-0710	EA		Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	38.23	10.13
08 71 11 00-0711	EA		Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	38.23	10.13
08 71 11 00-0712	EA		Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	38.23	10.13
08 71 11 00-0713	EA		Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	38.23	10.13
08 71 11 00-0714	EA		Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	38.23	10.13
08 71 11 00-0715	EA		Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.92	10.13
08 71 11 00-0716	EA		Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.92	10.13
08 71 11 00-0717	EA		Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	42.92	10.13
08 71 11 00-0718	EA		Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.92	10.13
08 71 11 00-0719	EA		Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	42.92	10.13
08 71 11 00-0720			Roller Bumpers (08 71 11 00-0421)		
08 71 11 00-0721			Brass Roller Bumpers (08 71 11 00-0720)		
08 71 11 00-0722	EA		5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	37.72	7.60
08 71 11 00-0723	EA		5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	43.33	7.60
08 71 11 00-0724	EA		5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	43.33	7.60
08 71 11 00-0725	EA		4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	36.46	7.60
08 71 11 00-0726	EA		4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	40.73	7.60
08 71 11 00-0727	EA		4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	40.73	7.60
08 71 11 00-0728	EA		4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	40.73	7.60
08 71 11 00-0729	EA		6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	37.81	7.60
08 71 11 00-0730	EA		6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	40.83	7.60
08 71 11 00-0731	EA		6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.25	7.60
08 71 11 00-0732	EA		6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.25	7.60
08 71 11 00-0733	EA		6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	42.25	7.60
08 71 11 00-0734	EA		6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	42.25	7.60
08 71 11 00-0735	EA		6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.25	7.60
08 71 11 00-0736			Other Door Trim (08 71 11 00-0421)		
08 71 11 00-0737			Coat And Hat Hooks (08 71 11 00-0736)		
08 71 11 00-0738			Aluminum Coat And Hat Hooks (08 71 11 00-0737)		
08 71 11 00-0739	EA		1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581).....	16.99	7.60
08 71 11 00-0740	EA		1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	16.99	7.60
08 71 11 00-0741	EA		1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	17.09	7.60
08 71 11 00-0742	EA		1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571).....	16.92	7.60
08 71 11 00-0743	EA		1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571).....	16.92	7.60
08 71 11 00-0744	EA		1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571).....	16.92	7.60
08 71 11 00-0745	EA		1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	17.09	7.60
08 71 11 00-0746	EA		1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.61	7.60
08 71 11 00-0747	EA		1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.61	7.60
08 71 11 00-0748	EA		1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405).....	17.61	7.60
08 71 11 00-0749	EA		1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	17.61	7.60
08 71 11 00-0750	EA		1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	17.61	7.60
08 71 11 00-0751			Brass Coat And Hat Hooks (08 71 11 00-0737)		
08 71 11 00-0752	EA		1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	19.84	7.60

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0753	EA 1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581).....	20.11	7.60
08 71 11 00-0754	EA 1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581).....	20.55	7.60
08 71 11 00-0755	EA 1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581).....	20.55	7.60
08 71 11 00-0756	EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581).....	20.82	7.60
08 71 11 00-0757	EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571).....	21.71	7.60
08 71 11 00-0758	EA 1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571).....	22.96	7.60
08 71 11 00-0759	EA 1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571).....	22.96	7.60
08 71 11 00-0760	EA 1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571).....	22.96	7.60
08 71 11 00-0761	EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571).....	23.24	7.60
08 71 11 00-0762	Door Plates And Pulls (08 71 11)		
08 71 11 00-0763	Kick Plate (08 71 11 00-0762) Note: Ives 8400.		
08 71 11 00-0764	Aluminum Base Material Kick Plate (08 71 11 00-0763)		
08 71 11 00-0765	Satin Aluminum Finish, Aluminum Kick Plate (08 71 11 00-0764)		
08 71 11 00-0766	EA 8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.28	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0767	EA 8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	45.55	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0768	EA 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.80	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0769	EA 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	48.07	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0770	EA 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	51.38	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0771	EA 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	52.61	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0772	EA 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	53.89	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0773	EA 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	55.14	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0774	EA 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	58.43	8.62
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0775	EA 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.70	8.62
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0776	EA 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	60.95	8.62
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0777	EA 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	64.25	9.12
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0778	EA 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	65.51	9.12
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0779	EA 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	66.76	9.12
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0780	EA 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	47.76	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0781	EA 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	49.35	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0782	EA 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	50.90	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0783	EA 10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	52.49	7.60
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0784	EA 10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	56.10	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0785	EA 10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	57.67	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0786	EA 10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.25	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0787	EA 10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	60.82	8.10
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0788	EA 10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	64.44	8.62
	For Four Beveled Edges, Add	1.76	
	For UL Label (Fire Rated), Add	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0789	EA		10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.00 1.76 11.40	8.62
08 71 11 00-0790	EA		10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.59 1.76 11.40	8.62
08 71 11 00-0791	EA		10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.19 1.76 11.40	9.12
08 71 11 00-0792	EA		10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.75 1.76 11.40	9.12
08 71 11 00-0793	EA		10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.33 1.76 11.40	9.12
08 71 11 00-0794	EA		12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.24 1.76 11.40	7.60
08 71 11 00-0795	EA		12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.11 1.76 11.40	7.60
08 71 11 00-0796	EA		12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.03 1.76 11.40	7.60
08 71 11 00-0797	EA		12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.89 1.76 11.40	7.60
08 71 11 00-0798	EA		12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.82 1.76 11.40	8.10
08 71 11 00-0799	EA		12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.71 1.76 11.40	8.10
08 71 11 00-0800	EA		12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.60 1.76 11.40	8.10
08 71 11 00-0801	EA		12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.50 1.76 11.40	8.10
08 71 11 00-0802	EA		12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.42 1.76 11.40	8.62
08 71 11 00-0803	EA		12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.31 1.76 11.40	8.62
08 71 11 00-0804	EA		12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.21 1.76 11.40	8.62
08 71 11 00-0805	EA		12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.12 1.76 11.40	9.12
08 71 11 00-0806	EA		12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.01 1.76 11.40	9.12
08 71 11 00-0807	EA		12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.92 1.76 11.40	9.12
08 71 11 00-0808	EA		14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.71 1.76 11.40	8.10
08 71 11 00-0809	EA		14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.92 1.76 11.40	8.10
08 71 11 00-0810	EA		14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.16 1.76 11.40	8.10
08 71 11 00-0811	EA		14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.36 1.76 11.40	8.10
08 71 11 00-0812	EA		14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.59 1.76 11.40	8.62
08 71 11 00-0813	EA		14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.80 1.76 11.40	8.62
08 71 11 00-0814	EA		14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.01 1.76 11.40	8.62
08 71 11 00-0815	EA		14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.21 1.76 11.40	8.62
08 71 11 00-0816	EA		14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.44 1.76 11.40	9.12
08 71 11 00-0817	EA		14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.64 1.76 11.40	9.12
08 71 11 00-0818	EA		14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.85 1.76 11.40	9.12

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-0819	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	87.08	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0820	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	89.31	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0821	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	91.52	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0822	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	60.20	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0823	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	62.71	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0824	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	65.25	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0825	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	67.77	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0826	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	69.80	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0827	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	74.85	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0828	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	77.38	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0829	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	79.90	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0830	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	84.43	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0831	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	86.97	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0832	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	89.49	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0833	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	94.03	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0834	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	96.56	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0835	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	99.10	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0836	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	65.66	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0837	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	68.68	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0838	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	71.70	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0839	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	74.73	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0840	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	79.76	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0841	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	82.79	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0842	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	85.81	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0843	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	88.83	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0844	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	93.87	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0845	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	96.90	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0846	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	99.92	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0847	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	104.97	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0848	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	107.99	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0849	EA		18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.01 6.30 11.40	9.63
08 71 11 00-0850	EA		20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.38 6.30 11.40	8.62
08 71 11 00-0851	EA		20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.74 6.30 11.40	8.62
08 71 11 00-0852	EA		20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.09 6.30 11.40	8.62
08 71 11 00-0853	EA		20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.45 6.30 11.40	8.62
08 71 11 00-0854	EA		20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.83 6.30 11.40	9.12
08 71 11 00-0855	EA		20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.18 6.30 11.40	9.12
08 71 11 00-0856	EA		20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.54 6.30 11.40	9.12
08 71 11 00-0857	EA		20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.90 6.30 11.40	9.12
08 71 11 00-0858	EA		20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.28 6.30 11.40	9.63
08 71 11 00-0859	EA		20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.64 6.30 11.40	9.63
08 71 11 00-0860	EA		20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.99 6.30 11.40	9.63
08 71 11 00-0861	EA		20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.38 6.30 11.40	10.13
08 71 11 00-0862	EA		20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.74 6.30 11.40	10.13
08 71 11 00-0863	EA		20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.09 6.30 11.40	10.13
08 71 11 00-0864	EA		22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.07 6.30 11.40	8.62
08 71 11 00-0865	EA		22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.76 6.30 11.40	8.62
08 71 11 00-0866	EA		22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.45 6.30 11.40	8.62
08 71 11 00-0867	EA		22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.14 6.30 11.40	8.62
08 71 11 00-0868	EA		22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.87 6.30 11.40	9.12
08 71 11 00-0869	EA		22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.56 6.30 11.40	9.12
08 71 11 00-0870	EA		22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.25 6.30 11.40	9.12
08 71 11 00-0871	EA		22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.94 6.30 11.40	9.12
08 71 11 00-0872	EA		22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.66 6.30 11.40	9.63
08 71 11 00-0873	EA		22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.35 6.30 11.40	9.63
08 71 11 00-0874	EA		22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.04 6.30 11.40	9.63
08 71 11 00-0875	EA		22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.76 6.30 11.40	10.13
08 71 11 00-0876	EA		22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.45 6.30 11.40	10.13
08 71 11 00-0877	EA		22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.14 6.30 11.40	10.13
08 71 11 00-0878	EA		24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.76 6.30 11.40	8.62

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-0879	EA 24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	82.79	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0880	EA 24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	86.83	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0881	EA 24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	90.85	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0882	EA 24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	96.90	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0883	EA 24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	100.92	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0884	EA 24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	104.95	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0885	EA 24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	108.98	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0886	EA 24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	115.04	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0887	EA 24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	119.06	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0888	EA 24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	123.09	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0889	EA 24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	129.14	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0890	EA 24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	133.18	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0891	EA 24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	137.21	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-0892 Brass Base Material Kick Plate (08 71 11 00-0763)

08 71 11 00-0893 Bright/Satin Brass Finish, Brass Kick Plate (08 71 11 00-0892)

08 71 11 00-0894	EA 8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	76.33	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0895	EA 8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	80.50	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0896	EA 8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	84.68	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0897	EA 8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	88.85	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0898	EA 8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	95.05	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0899	EA 8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	99.25	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0900	EA 8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	103.42	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0901	EA 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	107.59	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0902	EA 8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	113.79	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0903	EA 8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	117.96	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0904	EA 8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	122.13	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0905	EA 8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	128.32	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0906	EA 8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	132.52	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0907	EA 8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	136.69	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-0908	EA 10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	87.82	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0909	EA		10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.02 1.76 11.40	7.60
08 71 11 00-0910	EA		10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.26 1.76 11.40	7.60
08 71 11 00-0911	EA		10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.47 1.76 11.40	7.60
08 71 11 00-0912	EA		10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.70 1.76 11.40	8.10
08 71 11 00-0913	EA		10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.93 1.76 11.40	8.10
08 71 11 00-0914	EA		10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.16 1.76 11.40	8.10
08 71 11 00-0915	EA		10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.38 1.76 11.40	8.10
08 71 11 00-0916	EA		10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.61 1.76 11.40	8.62
08 71 11 00-0917	EA		10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.84 1.76 11.40	8.62
08 71 11 00-0918	EA		10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.07 1.76 11.40	8.62
08 71 11 00-0919	EA		10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.30 1.76 11.40	9.12
08 71 11 00-0920	EA		10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.53 1.76 11.40	9.12
08 71 11 00-0921	EA		10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.74 1.76 11.40	9.12
08 71 11 00-0922	EA		12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.27 1.76 11.40	7.60
08 71 11 00-0923	EA		12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.56 1.76 11.40	7.60
08 71 11 00-0924	EA		12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.81 1.76 11.40	7.60
08 71 11 00-0925	EA		12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.07 1.76 11.40	7.60
08 71 11 00-0926	EA		12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.38 1.76 11.40	8.10
08 71 11 00-0927	EA		12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.64 1.76 11.40	8.10
08 71 11 00-0928	EA		12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.91 1.76 11.40	8.10
08 71 11 00-0929	EA		12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.15 1.76 11.40	8.10
08 71 11 00-0930	EA		12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.48 1.76 11.40	8.62
08 71 11 00-0931	EA		12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.72 1.76 11.40	8.62
08 71 11 00-0932	EA		12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.99 1.76 11.40	8.62
08 71 11 00-0933	EA		12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	174.27 1.76 11.40	9.12
08 71 11 00-0934	EA		12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.52 1.76 11.40	9.12
08 71 11 00-0935	EA		12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.81 1.76 11.40	9.12
08 71 11 00-0936	EA		14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.81 1.76 11.40	8.10
08 71 11 00-0937	EA		14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.10 1.76 11.40	8.10
08 71 11 00-0938	EA		14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.41 1.76 11.40	8.10

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0939	EA 14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.74 1.76 11.40	8.10
08 71 11 00-0940	EA 14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.07 1.76 11.40	8.62
08 71 11 00-0941	EA 14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.38 1.76 11.40	8.62
08 71 11 00-0942	EA 14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.68 1.76 11.40	8.62
08 71 11 00-0943	EA 14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.99 1.76 11.40	8.62
08 71 11 00-0944	EA 14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.31 1.76 11.40	9.12
08 71 11 00-0945	EA 14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.62 1.76 11.40	9.12
08 71 11 00-0946	EA 14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.92 1.76 11.40	9.12
08 71 11 00-0947	EA 14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.26 1.76 11.40	9.63
08 71 11 00-0948	EA 14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.58 1.76 11.40	9.63
08 71 11 00-0949	EA 14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	213.89 1.76 11.40	9.63
08 71 11 00-0950	EA 16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.45 1.76 11.40	8.10
08 71 11 00-0951	EA 16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.48 1.76 11.40	8.10
08 71 11 00-0952	EA 16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.48 1.76 11.40	8.10
08 71 11 00-0953	EA 16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.46 1.76 11.40	8.10
08 71 11 00-0954	EA 16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.49 1.76 11.40	8.62
08 71 11 00-0955	EA 16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.51 1.76 11.40	8.62
08 71 11 00-0956	EA 16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.52 1.76 11.40	8.62
08 71 11 00-0957	EA 16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.49 1.76 11.40	8.62
08 71 11 00-0958	EA 16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.54 1.76 11.40	9.12
08 71 11 00-0959	EA 16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.55 1.76 11.40	9.12
08 71 11 00-0960	EA 16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.55 1.76 11.40	9.12
08 71 11 00-0961	EA 16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	280.57 1.76 11.40	9.63
08 71 11 00-0962	EA 16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	291.56 1.76 11.40	9.63
08 71 11 00-0963	EA 16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.58 1.76 11.40	9.63
08 71 11 00-0964	EA 18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.34 6.30 11.40	8.10
08 71 11 00-0965	EA 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.69 6.30 11.40	8.10
08 71 11 00-0966	EA 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.03 6.30 11.40	8.10
08 71 11 00-0967	EA 18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.41 6.30 11.40	8.10
08 71 11 00-0968	EA 18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.79 6.30 11.40	8.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0969 EA 18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.13 6.30 11.40	8.62
08 71 11 00-0970 EA 18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.51 6.30 11.40	8.62
08 71 11 00-0971 EA 18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.84 6.30 11.40	8.62
08 71 11 00-0972 EA 18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.24 6.30 11.40	9.12
08 71 11 00-0973 EA 18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.59 6.30 11.40	9.12
08 71 11 00-0974 EA 18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.93 6.30 11.40	9.12
08 71 11 00-0975 EA 18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.34 6.30 11.40	9.63
08 71 11 00-0976 EA 18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	322.67 6.30 11.40	9.63
08 71 11 00-0977 EA 18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	335.02 6.30 11.40	9.63
08 71 11 00-0978 EA 20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.47 6.30 11.40	8.62
08 71 11 00-0979 EA 20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.19 6.30 11.40	8.62
08 71 11 00-0980 EA 20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.93 6.30 11.40	8.62
08 71 11 00-0981 EA 20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.63 6.30 11.40	8.62
08 71 11 00-0982 EA 20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.40 6.30 11.40	9.12
08 71 11 00-0983 EA 20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.13 6.30 11.40	9.12
08 71 11 00-0984 EA 20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	269.85 6.30 11.40	9.12
08 71 11 00-0985 EA 20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.59 6.30 11.40	9.12
08 71 11 00-0986 EA 20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	299.32 6.30 11.40	9.63
08 71 11 00-0987 EA 20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	313.07 6.30 11.40	9.63
08 71 11 00-0988 EA 20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	326.80 6.30 11.40	9.63
08 71 11 00-0989 EA 20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	342.55 6.30 11.40	10.13
08 71 11 00-0990 EA 20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	356.29 6.30 11.40	10.13
08 71 11 00-0991 EA 20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.99 6.30 11.40	10.13
08 71 11 00-0992 EA 22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.58 6.30 11.40	8.62
08 71 11 00-0993 EA 22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	215.66 6.30 11.40	8.62
08 71 11 00-0994 EA 22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.76 6.30 11.40	8.62
08 71 11 00-0995 EA 22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.87 6.30 11.40	8.62
08 71 11 00-0996 EA 22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.99 6.30 11.40	9.12
08 71 11 00-0997 EA 22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.10 6.30 11.40	9.12
08 71 11 00-0998 EA 22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	293.20 6.30 11.40	9.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0999	EA		22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.31 6.30 11.40	9.12
08 71 11 00-1000	EA		22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.42 6.30 11.40	9.63
08 71 11 00-1001	EA		22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	340.52 6.30 11.40	9.63
08 71 11 00-1002	EA		22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.63 6.30 11.40	9.63
08 71 11 00-1003	EA		22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	372.75 6.30 11.40	10.13
08 71 11 00-1004	EA		22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	387.87 6.30 11.40	10.13
08 71 11 00-1005	EA		22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	402.93 6.30 11.40	10.13
08 71 11 00-1006	EA		24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	215.66 6.30 11.40	8.62
08 71 11 00-1007	EA		24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.13 6.30 11.40	8.62
08 71 11 00-1008	EA		24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.62 6.30 11.40	8.62
08 71 11 00-1009	EA		24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.09 6.30 11.40	8.62
08 71 11 00-1010	EA		24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.59 6.30 11.40	9.12
08 71 11 00-1011	EA		24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	300.05 6.30 11.40	9.12
08 71 11 00-1012	EA		24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	316.53 6.30 11.40	9.12
08 71 11 00-1013	EA		24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.91 6.30 11.40	9.12
08 71 11 00-1014	EA		24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.50 6.30 11.40	9.63
08 71 11 00-1015	EA		24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	367.96 6.30 11.40	9.63
08 71 11 00-1016	EA		24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	384.44 6.30 11.40	9.63
08 71 11 00-1017	EA		24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	402.93 6.30 11.40	10.13
08 71 11 00-1018	EA		24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	419.44 6.30 11.40	10.13
08 71 11 00-1019	EA		24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	435.90 6.30 11.40	10.13
08 71 11 00-1020	Bright/Satin Chrome Finish, Brass Kick Plate (08 71 11 00-0892)				
08 71 11 00-1021	EA		8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.05 1.76 11.40	7.60
08 71 11 00-1022	EA		8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.66 1.76 11.40	7.60
08 71 11 00-1023	EA		8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.26 1.76 11.40	7.60
08 71 11 00-1024	EA		8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.87 1.76 11.40	7.60
08 71 11 00-1025	EA		8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.51 1.76 11.40	8.10
08 71 11 00-1026	EA		8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.10 1.76 11.40	8.10
08 71 11 00-1027	EA		8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.70 1.76 11.40	8.10
08 71 11 00-1028	EA		8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.31 1.76 11.40	8.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1029	EA		8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.95 1.76 11.40	8.62
08 71 11 00-1030	EA		8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.57 1.76 11.40	8.62
08 71 11 00-1031	EA		8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.17 1.76 11.40	8.62
08 71 11 00-1032	EA		8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.80 1.76 11.40	9.12
08 71 11 00-1033	EA		8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.40 1.76 11.40	9.12
08 71 11 00-1034	EA		8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.01 1.76 11.40	9.12
08 71 11 00-1035	EA		10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.72 1.76 11.40	7.60
08 71 11 00-1036	EA		10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.48 1.76 11.40	7.60
08 71 11 00-1037	EA		10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.23 1.76 11.40	7.60
08 71 11 00-1038	EA		10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.98 1.76 11.40	7.60
08 71 11 00-1039	EA		10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.78 1.76 11.40	8.10
08 71 11 00-1040	EA		10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.54 1.76 11.40	8.10
08 71 11 00-1041	EA		10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.29 1.76 11.40	8.10
08 71 11 00-1042	EA		10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.04 1.76 11.40	8.10
08 71 11 00-1043	EA		10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.83 1.76 11.40	8.62
08 71 11 00-1044	EA		10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.58 1.76 11.40	8.62
08 71 11 00-1045	EA		10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.34 1.76 11.40	8.62
08 71 11 00-1046	EA		10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	163.11 1.76 11.40	9.12
08 71 11 00-1047	EA		10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.86 1.76 11.40	9.12
08 71 11 00-1048	EA		10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	174.62 1.76 11.40	9.12
08 71 11 00-1049	EA		12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.38 1.76 11.40	7.60
08 71 11 00-1050	EA		12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.28 1.76 11.40	7.60
08 71 11 00-1051	EA		12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.21 1.76 11.40	7.60
08 71 11 00-1052	EA		12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.11 1.76 11.40	7.60
08 71 11 00-1053	EA		12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.04 1.76 11.40	8.10
08 71 11 00-1054	EA		12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.96 1.76 11.40	8.10
08 71 11 00-1055	EA		12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.86 1.76 11.40	8.10
08 71 11 00-1056	EA		12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.76 1.76 11.40	8.10
08 71 11 00-1057	EA		12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.70 1.76 11.40	8.62
08 71 11 00-1058	EA		12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.60 1.76 11.40	8.62

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1059	EA 12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	179.51	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1060	EA 12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	188.43	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1061	EA 12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	195.37	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1062	EA 12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	202.27	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1063	EA 14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	121.06	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1064	EA 14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.14	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1065	EA 14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	137.21	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1066	EA 14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	145.26	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1067	EA 14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	155.34	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1068	EA 14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	163.40	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1069	EA 14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	171.45	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1070	EA 14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	179.51	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1071	EA 14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	189.61	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1072	EA 14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	197.66	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1073	EA 14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	205.71	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1074	EA 14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	201.28	9.63
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1075	EA 14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	223.85	9.63
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1076	EA 14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	231.92	9.63
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1077	EA 16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	167.50	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1078	EA 16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	179.79	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1079	EA 16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	192.07	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1080	EA 16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	204.35	8.10
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1081	EA 16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	218.66	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1082	EA 16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	230.93	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1083	EA 16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	243.23	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1084	EA 16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	255.50	8.62
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1085	EA 16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	269.80	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1086	EA 16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	282.08	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1087	EA 16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	294.36	9.12
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1088	EA 16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	308.67	9.63
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1089	EA		16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.94 1.76 11.40	9.63
08 71 11 00-1090	EA		16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.22 1.76 11.40	9.63
08 71 11 00-1091	EA		18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.95 6.30 11.40	8.10
08 71 11 00-1092	EA		18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.74 6.30 11.40	8.10
08 71 11 00-1093	EA		18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.50 6.30 11.40	8.10
08 71 11 00-1094	EA		18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.29 6.30 11.40	8.10
08 71 11 00-1095	EA		18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	241.08 6.30 11.40	8.62
08 71 11 00-1096	EA		18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.85 6.30 11.40	8.62
08 71 11 00-1097	EA		18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.63 6.30 11.40	8.62
08 71 11 00-1098	EA		18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.40 6.30 11.40	8.62
08 71 11 00-1099	EA		18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.18 6.30 11.40	9.12
08 71 11 00-1100	EA		18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1101	EA		18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.76 6.30 11.40	9.12
08 71 11 00-1102	EA		18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.55 6.30 11.40	9.63
08 71 11 00-1103	EA		18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.34 6.30 11.40	9.63
08 71 11 00-1104	EA		18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.10 6.30 11.40	9.63
08 71 11 00-1105	EA		20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.80 6.30 11.40	8.62
08 71 11 00-1106	EA		20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.13 6.30 11.40	8.62
08 71 11 00-1107	EA		20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.42 6.30 11.40	8.62
08 71 11 00-1108	EA		20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.75 6.30 11.40	8.62
08 71 11 00-1109	EA		20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.05 6.30 11.40	9.12
08 71 11 00-1110	EA		20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	281.35 6.30 11.40	9.12
08 71 11 00-1111	EA		20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.67 6.30 11.40	9.12
08 71 11 00-1112	EA		20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1113	EA		20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	329.33 6.30 11.40	9.63
08 71 11 00-1114	EA		20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	344.61 6.30 11.40	9.63
08 71 11 00-1115	EA		20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	359.91 6.30 11.40	9.63
08 71 11 00-1116	EA		20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	377.26 6.30 11.40	10.13
08 71 11 00-1117	EA		20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.56 6.30 11.40	10.13
08 71 11 00-1118	EA		20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.87 6.30 11.40	10.13

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1119	EA 22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	219.64	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1120	EA 22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	236.50	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1121	EA 22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	253.33	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1122	EA 22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	270.15	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1123	EA 22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	289.03	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1124	EA 22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	305.85	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1125	EA 22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	322.69	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1126	EA 22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	339.52	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1127	EA 22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	358.40	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1128	EA 22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	375.23	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1129	EA 22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	392.07	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1130	EA 22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	410.92	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1131	EA 22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	427.75	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1132	EA 22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	444.60	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1133	EA 24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	236.50	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1134	EA 24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	254.85	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1135	EA 24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	273.22	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1136	EA 24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	291.58	8.62
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1137	EA 24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	311.97	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1138	EA 24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	330.33	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1139	EA 24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	348.73	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1140	EA 24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	367.07	9.12
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1141	EA 24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	387.46	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1142	EA 24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	405.84	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1143	EA 24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	424.21	9.63
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1144	EA 24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	444.60	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1145	EA 24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	462.97	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1146	EA 24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	481.34	10.13
	<i>For Four Beveled Edges, Add</i>	6.30	
	<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1147 Satin/Dark Bronze Finish, Brass Kick Plate (08 71 11 00-0892)

08 71 11 00-1148	EA 8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	81.95	7.60
	<i>For Four Beveled Edges, Add</i>	1.76	
	<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1149	EA		8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.62 1.76 11.40	7.60
08 71 11 00-1150	EA		8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.32 1.76 11.40	7.60
08 71 11 00-1151	EA		8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.99 1.76 11.40	7.60
08 71 11 00-1152	EA		8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.73 1.76 11.40	8.10
08 71 11 00-1153	EA		8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.40 1.76 11.40	8.10
08 71 11 00-1154	EA		8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.10 1.76 11.40	8.10
08 71 11 00-1155	EA		8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.78 1.76 11.40	8.10
08 71 11 00-1156	EA		8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.47 1.76 11.40	8.62
08 71 11 00-1157	EA		8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.18 1.76 11.40	8.62
08 71 11 00-1158	EA		8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.86 1.76 11.40	8.62
08 71 11 00-1159	EA		8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.57 1.76 11.40	9.12
08 71 11 00-1160	EA		8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.25 1.76 11.40	9.12
08 71 11 00-1161	EA		8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.94 1.76 11.40	9.12
08 71 11 00-1162	EA		10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.83 1.76 11.40	7.60
08 71 11 00-1163	EA		10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.70 1.76 11.40	7.60
08 71 11 00-1164	EA		10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.54 1.76 11.40	7.60
08 71 11 00-1165	EA		10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.39 1.76 11.40	7.60
08 71 11 00-1166	EA		10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.28 1.76 11.40	8.10
08 71 11 00-1167	EA		10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.15 1.76 11.40	8.10
08 71 11 00-1168	EA		10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.99 1.76 11.40	8.10
08 71 11 00-1169	EA		10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.85 1.76 11.40	8.10
08 71 11 00-1170	EA		10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.75 1.76 11.40	8.62
08 71 11 00-1171	EA		10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.60 1.76 11.40	8.62
08 71 11 00-1172	EA		10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.44 1.76 11.40	8.62
08 71 11 00-1173	EA		10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.35 1.76 11.40	9.12
08 71 11 00-1174	EA		10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.19 1.76 11.40	9.12
08 71 11 00-1175	EA		10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.04 1.76 11.40	9.12
08 71 11 00-1176	EA		12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.71 1.76 11.40	7.60
08 71 11 00-1177	EA		12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.75 1.76 11.40	7.60
08 71 11 00-1178	EA		12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.76 1.76 11.40	7.60

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1179	EA		12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.80 1.76 11.40	7.60
08 71 11 00-1180	EA		12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.85 1.76 11.40	8.10
08 71 11 00-1181	EA		12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.89 1.76 11.40	8.10
08 71 11 00-1182	EA		12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.92 1.76 11.40	8.10
08 71 11 00-1183	EA		12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.94 1.76 11.40	8.10
08 71 11 00-1184	EA		12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.01 1.76 11.40	8.62
08 71 11 00-1185	EA		12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.02 1.76 11.40	8.62
08 71 11 00-1186	EA		12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.04 1.76 11.40	8.62
08 71 11 00-1187	EA		12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.09 1.76 11.40	9.12
08 71 11 00-1188	EA		12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.14 1.76 11.40	9.12
08 71 11 00-1189	EA		12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.16 1.76 11.40	9.12
08 71 11 00-1190	EA		14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.62 1.76 11.40	8.10
08 71 11 00-1191	EA		14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.83 1.76 11.40	8.10
08 71 11 00-1192	EA		14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.02 1.76 11.40	8.10
08 71 11 00-1193	EA		14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.22 1.76 11.40	8.10
08 71 11 00-1194	EA		14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.44 1.76 11.40	8.62
08 71 11 00-1195	EA		14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.65 1.76 11.40	8.62
08 71 11 00-1196	EA		14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.85 1.76 11.40	8.62
08 71 11 00-1197	EA		14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.04 1.76 11.40	8.62
08 71 11 00-1198	EA		14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.27 1.76 11.40	9.12
08 71 11 00-1199	EA		14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.47 1.76 11.40	9.12
08 71 11 00-1200	EA		14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	208.66 1.76 11.40	9.12
08 71 11 00-1201	EA		14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.90 1.76 11.40	9.63
08 71 11 00-1202	EA		14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.12 1.76 11.40	9.63
08 71 11 00-1203	EA		14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.32 1.76 11.40	9.63
08 71 11 00-1204	EA		16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.50 1.76 11.40	8.10
08 71 11 00-1205	EA		16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.79 1.76 11.40	8.10
08 71 11 00-1206	EA		16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.07 1.76 11.40	8.10
08 71 11 00-1207	EA		16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.35 1.76 11.40	8.10
08 71 11 00-1208	EA		16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.66 1.76 11.40	8.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1209	EA		16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.93 1.76 11.40	8.62
08 71 11 00-1210	EA		16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	243.23 1.76 11.40	8.62
08 71 11 00-1211	EA		16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.50 1.76 11.40	8.62
08 71 11 00-1212	EA		16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	269.80 1.76 11.40	9.12
08 71 11 00-1213	EA		16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.08 1.76 11.40	9.12
08 71 11 00-1214	EA		16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.36 1.76 11.40	9.12
08 71 11 00-1215	EA		16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.67 1.76 11.40	9.63
08 71 11 00-1216	EA		16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.94 1.76 11.40	9.63
08 71 11 00-1217	EA		16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.22 1.76 11.40	9.63
08 71 11 00-1218	EA		18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.95 6.30 11.40	8.10
08 71 11 00-1219	EA		18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.74 6.30 11.40	8.10
08 71 11 00-1220	EA		18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.50 6.30 11.40	8.10
08 71 11 00-1221	EA		18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.29 6.30 11.40	8.10
08 71 11 00-1222	EA		18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	241.08 6.30 11.40	8.62
08 71 11 00-1223	EA		18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.85 6.30 11.40	8.62
08 71 11 00-1224	EA		18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.63 6.30 11.40	8.62
08 71 11 00-1225	EA		18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.40 6.30 11.40	8.62
08 71 11 00-1226	EA		18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.18 6.30 11.40	9.12
08 71 11 00-1227	EA		18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1228	EA		18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.76 6.30 11.40	9.12
08 71 11 00-1229	EA		18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.55 6.30 11.40	9.63
08 71 11 00-1230	EA		18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.34 6.30 11.40	9.63
08 71 11 00-1231	EA		18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.10 6.30 11.40	9.63
08 71 11 00-1232	EA		20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.80 6.30 11.40	8.62
08 71 11 00-1233	EA		20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.13 6.30 11.40	8.62
08 71 11 00-1234	EA		20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.42 6.30 11.40	8.62
08 71 11 00-1235	EA		20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.75 6.30 11.40	8.62
08 71 11 00-1236	EA		20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.05 6.30 11.40	9.12
08 71 11 00-1237	EA		20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	281.35 6.30 11.40	9.12
08 71 11 00-1238	EA		20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.67 6.30 11.40	9.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1239	EA		20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1240	EA		20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	329.33 6.30 11.40	9.63
08 71 11 00-1241	EA		20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	344.61 6.30 11.40	9.63
08 71 11 00-1242	EA		20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	359.91 6.30 11.40	9.63
08 71 11 00-1243	EA		20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	377.26 6.30 11.40	10.13
08 71 11 00-1244	EA		20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.56 6.30 11.40	10.13
08 71 11 00-1245	EA		20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.87 6.30 11.40	10.13
08 71 11 00-1246	EA		22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.64 6.30 11.40	8.62
08 71 11 00-1247	EA		22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.50 6.30 11.40	8.62
08 71 11 00-1248	EA		22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.33 6.30 11.40	8.62
08 71 11 00-1249	EA		22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.15 6.30 11.40	8.62
08 71 11 00-1250	EA		22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	289.03 6.30 11.40	9.12
08 71 11 00-1251	EA		22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.85 6.30 11.40	9.12
08 71 11 00-1252	EA		22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	322.69 6.30 11.40	9.12
08 71 11 00-1253	EA		22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	339.52 6.30 11.40	9.12
08 71 11 00-1254	EA		22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	358.40 6.30 11.40	9.63
08 71 11 00-1255	EA		22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	375.23 6.30 11.40	9.63
08 71 11 00-1256	EA		22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.07 6.30 11.40	9.63
08 71 11 00-1257	EA		22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	410.92 6.30 11.40	10.13
08 71 11 00-1258	EA		22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	427.75 6.30 11.40	10.13
08 71 11 00-1259	EA		22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.60 6.30 11.40	10.13
08 71 11 00-1260	EA		24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.50 6.30 11.40	8.62
08 71 11 00-1261	EA		24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.85 6.30 11.40	8.62
08 71 11 00-1262	EA		24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	273.22 6.30 11.40	8.62
08 71 11 00-1263	EA		24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	291.58 6.30 11.40	8.62
08 71 11 00-1264	EA		24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1265	EA		24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.33 6.30 11.40	9.12
08 71 11 00-1266	EA		24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	348.73 6.30 11.40	9.12
08 71 11 00-1267	EA		24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	367.07 6.30 11.40	9.12
08 71 11 00-1268	EA		24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	387.46 6.30 11.40	9.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1269	EA		24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	405.84 6.30 11.40	9.63
08 71 11 00-1270	EA		24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	424.21 6.30 11.40	9.63
08 71 11 00-1271	EA		24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.60 6.30 11.40	10.13
08 71 11 00-1272	EA		24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	462.97 6.30 11.40	10.13
08 71 11 00-1273	EA		24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	481.34 6.30 11.40	10.13
08 71 11 00-1274 Satin Nickel Finish, Brass Kick Plate (08 71 11 00-0892)					
08 71 11 00-1275	EA		8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.95 1.76 11.40	7.60
08 71 11 00-1276	EA		8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.62 1.76 11.40	7.60
08 71 11 00-1277	EA		8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.32 1.76 11.40	7.60
08 71 11 00-1278	EA		8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.99 1.76 11.40	7.60
08 71 11 00-1279	EA		8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.73 1.76 11.40	8.10
08 71 11 00-1280	EA		8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.40 1.76 11.40	8.10
08 71 11 00-1281	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.10 1.76 11.40	8.10
08 71 11 00-1282	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.78 1.76 11.40	8.10
08 71 11 00-1283	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.47 1.76 11.40	8.62
08 71 11 00-1284	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.18 1.76 11.40	8.62
08 71 11 00-1285	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.86 1.76 11.40	8.62
08 71 11 00-1286	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.57 1.76 11.40	9.12
08 71 11 00-1287	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.25 1.76 11.40	9.12
08 71 11 00-1288	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.94 1.76 11.40	9.12
08 71 11 00-1289	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.83 1.76 11.40	7.60
08 71 11 00-1290	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.70 1.76 11.40	7.60
08 71 11 00-1291	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.54 1.76 11.40	7.60
08 71 11 00-1292	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.39 1.76 11.40	7.60
08 71 11 00-1293	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.28 1.76 11.40	8.10
08 71 11 00-1294	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.15 1.76 11.40	8.10
08 71 11 00-1295	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.99 1.76 11.40	8.10
08 71 11 00-1296	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.85 1.76 11.40	8.10
08 71 11 00-1297	EA		10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.75 1.76 11.40	8.62
08 71 11 00-1298	EA		10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.60 1.76 11.40	8.62

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1299	EA		10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.44 1.76 11.40	8.62
08 71 11 00-1300	EA		10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.35 1.76 11.40	9.12
08 71 11 00-1301	EA		10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.19 1.76 11.40	9.12
08 71 11 00-1302	EA		10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.04 1.76 11.40	9.12
08 71 11 00-1303	EA		12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.71 1.76 11.40	7.60
08 71 11 00-1304	EA		12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.75 1.76 11.40	7.60
08 71 11 00-1305	EA		12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.76 1.76 11.40	7.60
08 71 11 00-1306	EA		12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.80 1.76 11.40	7.60
08 71 11 00-1307	EA		12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.85 1.76 11.40	8.10
08 71 11 00-1308	EA		12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.89 1.76 11.40	8.10
08 71 11 00-1309	EA		12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.92 1.76 11.40	8.10
08 71 11 00-1310	EA		12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.94 1.76 11.40	8.10
08 71 11 00-1311	EA		12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.01 1.76 11.40	8.62
08 71 11 00-1312	EA		12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.02 1.76 11.40	8.62
08 71 11 00-1313	EA		12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.04 1.76 11.40	8.62
08 71 11 00-1314	EA		12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.09 1.76 11.40	9.12
08 71 11 00-1315	EA		12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.14 1.76 11.40	9.12
08 71 11 00-1316	EA		12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.16 1.76 11.40	9.12
08 71 11 00-1317	EA		14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.62 1.76 11.40	8.10
08 71 11 00-1318	EA		14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.83 1.76 11.40	8.10
08 71 11 00-1319	EA		14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.02 1.76 11.40	8.10
08 71 11 00-1320	EA		14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.22 1.76 11.40	8.10
08 71 11 00-1321	EA		14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.44 1.76 11.40	8.62
08 71 11 00-1322	EA		14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.65 1.76 11.40	8.62
08 71 11 00-1323	EA		14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.85 1.76 11.40	8.62
08 71 11 00-1324	EA		14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.04 1.76 11.40	8.62
08 71 11 00-1325	EA		14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.27 1.76 11.40	9.12
08 71 11 00-1326	EA		14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.47 1.76 11.40	9.12
08 71 11 00-1327	EA		14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	208.66 1.76 11.40	9.12
08 71 11 00-1328	EA		14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.90 1.76 11.40	9.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1329	EA		14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.12 1.76 11.40	9.63
08 71 11 00-1330	EA		14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.32 1.76 11.40	9.63
08 71 11 00-1331	EA		16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.50 1.76 11.40	8.10
08 71 11 00-1332	EA		16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.79 1.76 11.40	8.10
08 71 11 00-1333	EA		16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.07 1.76 11.40	8.10
08 71 11 00-1334	EA		16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.35 1.76 11.40	8.10
08 71 11 00-1335	EA		16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.66 1.76 11.40	8.62
08 71 11 00-1336	EA		16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.93 1.76 11.40	8.62
08 71 11 00-1337	EA		16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	243.23 1.76 11.40	8.62
08 71 11 00-1338	EA		16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.50 1.76 11.40	8.62
08 71 11 00-1339	EA		16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	269.80 1.76 11.40	9.12
08 71 11 00-1340	EA		16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.08 1.76 11.40	9.12
08 71 11 00-1341	EA		16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.36 1.76 11.40	9.12
08 71 11 00-1342	EA		16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.67 1.76 11.40	9.63
08 71 11 00-1343	EA		16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.94 1.76 11.40	9.63
08 71 11 00-1344	EA		16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.22 1.76 11.40	9.63
08 71 11 00-1345	EA		18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.95 6.30 11.40	8.10
08 71 11 00-1346	EA		18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.74 6.30 11.40	8.10
08 71 11 00-1347	EA		18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.50 6.30 11.40	8.10
08 71 11 00-1348	EA		18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.29 6.30 11.40	8.10
08 71 11 00-1349	EA		18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	241.08 6.30 11.40	8.62
08 71 11 00-1350	EA		18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.85 6.30 11.40	8.62
08 71 11 00-1351	EA		18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.63 6.30 11.40	8.62
08 71 11 00-1352	EA		18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.40 6.30 11.40	8.62
08 71 11 00-1353	EA		18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.18 6.30 11.40	9.12
08 71 11 00-1354	EA		18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1355	EA		18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.76 6.30 11.40	9.12
08 71 11 00-1356	EA		18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.55 6.30 11.40	9.63
08 71 11 00-1357	EA		18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.34 6.30 11.40	9.63
08 71 11 00-1358	EA		18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.10 6.30 11.40	9.63

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1359	EA		20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.80 6.30 11.40	8.62
08 71 11 00-1360	EA		20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.13 6.30 11.40	8.62
08 71 11 00-1361	EA		20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.42 6.30 11.40	8.62
08 71 11 00-1362	EA		20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.75 6.30 11.40	8.62
08 71 11 00-1363	EA		20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.05 6.30 11.40	9.12
08 71 11 00-1364	EA		20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	281.35 6.30 11.40	9.12
08 71 11 00-1365	EA		20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.67 6.30 11.40	9.12
08 71 11 00-1366	EA		20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1367	EA		20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	329.33 6.30 11.40	9.63
08 71 11 00-1368	EA		20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	344.61 6.30 11.40	9.63
08 71 11 00-1369	EA		20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	359.91 6.30 11.40	9.63
08 71 11 00-1370	EA		20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	377.26 6.30 11.40	10.13
08 71 11 00-1371	EA		20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.56 6.30 11.40	10.13
08 71 11 00-1372	EA		20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.87 6.30 11.40	10.13
08 71 11 00-1373	EA		22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.64 6.30 11.40	8.62
08 71 11 00-1374	EA		22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.50 6.30 11.40	8.62
08 71 11 00-1375	EA		22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.33 6.30 11.40	8.62
08 71 11 00-1376	EA		22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.15 6.30 11.40	8.62
08 71 11 00-1377	EA		22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	289.03 6.30 11.40	9.12
08 71 11 00-1378	EA		22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.85 6.30 11.40	9.12
08 71 11 00-1379	EA		22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	322.69 6.30 11.40	9.12
08 71 11 00-1380	EA		22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	339.52 6.30 11.40	9.12
08 71 11 00-1381	EA		22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	358.40 6.30 11.40	9.63
08 71 11 00-1382	EA		22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	375.23 6.30 11.40	9.63
08 71 11 00-1383	EA		22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	392.07 6.30 11.40	9.63
08 71 11 00-1384	EA		22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	410.92 6.30 11.40	10.13
08 71 11 00-1385	EA		22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	427.75 6.30 11.40	10.13
08 71 11 00-1386	EA		22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.60 6.30 11.40	10.13
08 71 11 00-1387	EA		24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.50 6.30 11.40	8.62
08 71 11 00-1388	EA		24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.85 6.30 11.40	8.62

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1389	EA		24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	273.22 6.30 11.40	8.62
08 71 11 00-1390	EA		24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	291.58 6.30 11.40	8.62
08 71 11 00-1391	EA		24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.97 6.30 11.40	9.12
08 71 11 00-1392	EA		24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.33 6.30 11.40	9.12
08 71 11 00-1393	EA		24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	348.73 6.30 11.40	9.12
08 71 11 00-1394	EA		24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	367.07 6.30 11.40	9.12
08 71 11 00-1395	EA		24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	387.46 6.30 11.40	9.63
08 71 11 00-1396	EA		24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	405.84 6.30 11.40	9.63
08 71 11 00-1397	EA		24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	424.21 6.30 11.40	9.63
08 71 11 00-1398	EA		24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.60 6.30 11.40	10.13
08 71 11 00-1399	EA		24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	462.97 6.30 11.40	10.13
08 71 11 00-1400	EA		24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	481.34 6.30 11.40	10.13
08 71 11 00-1401			Stainless Base Material Kick Plate (08 71 11 00-0763)		
08 71 11 00-1402			Satin Stainless Finish, Stainless Kick Plate (08 71 11 00-1401)		
08 71 11 00-1403	EA		8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.48 1.76 11.40	7.60
08 71 11 00-1404	EA		8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.97 1.76 11.40	7.60
08 71 11 00-1405	EA		8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.41 1.76 11.40	7.60
08 71 11 00-1406	EA		8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.90 1.76 11.40	7.60
08 71 11 00-1407	EA		8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.38 1.76 11.40	8.10
08 71 11 00-1408	EA		8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.82 1.76 11.40	8.10
08 71 11 00-1409	EA		8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.32 1.76 11.40	8.10
08 71 11 00-1410	EA		8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.77 1.76 11.40	8.10
08 71 11 00-1411	EA		8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.27 1.76 11.40	8.62
08 71 11 00-1412	EA		8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.74 1.76 11.40	8.62
08 71 11 00-1413	EA		8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.19 1.76 11.40	8.62
08 71 11 00-1414	EA		8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.68 1.76 11.40	9.12
08 71 11 00-1415	EA		8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.15 1.76 11.40	9.12
08 71 11 00-1416	EA		8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.60 1.76 11.40	9.12
08 71 11 00-1417	EA		10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.51 1.76 11.40	7.60
08 71 11 00-1418	EA		10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.35 1.76 11.40	7.60

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1419	EA		10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.19	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1420	EA		10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.00	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1421	EA		10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.88	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1422	EA		10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.71	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1423	EA		10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	63.52	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1424	EA		10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.34	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1425	EA		10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.23	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1426	EA		10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.05	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1427	EA		10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.86	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1428	EA		10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.73	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1429	EA		10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.56	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1430	EA		10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.38	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1431	EA		12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.55	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1432	EA		12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.74	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1433	EA		12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.94	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1434	EA		12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.13	7.60
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1435	EA		12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.34	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1436	EA		12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.55	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1437	EA		12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.73	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1438	EA		12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.94	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1439	EA		12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.15	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1440	EA		12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.36	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1441	EA		12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.56	8.62
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1442	EA		12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.76	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1443	EA		12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.97	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1444	EA		12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.15	9.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1445	EA		14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.60	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1446	EA		14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	63.16	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1447	EA		14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.73	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1448	EA		14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.29	8.10
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1449	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	72.86	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1450	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	75.43	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1451	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	77.99	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1452	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	80.56	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1453	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	85.16	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1454	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	87.68	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1455	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	90.26	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	94.86	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	97.41	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	99.99	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	66.74	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	70.00	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1461	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	73.14	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1462	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	76.27	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1463	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	81.42	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1464	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	84.56	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1465	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	87.70	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1466	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	90.82	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1467	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	95.97	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1468	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	99.12	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1469	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	102.26	9.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1470	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	107.67	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1471	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	110.54	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1472	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	113.67	9.63
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1473	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	70.31	8.10
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1474	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	73.77	8.10
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1475	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	77.20	8.10
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1476	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	80.64	8.10
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1477	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	86.13	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1478	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	89.56	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1479	EA		18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.00	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1480	EA		18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.43	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1481	EA		18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.91	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1482	EA		18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.35	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1483	EA		18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.78	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1484	EA		18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.27	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1485	EA		18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.73	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1486	EA		18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	121.16	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1487	EA		20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.55	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1488	EA		20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.37	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1489	EA		20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.21	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1490	EA		20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.02	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1491	EA		20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.87	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1492	EA		20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.71	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1493	EA		20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.52	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1494	EA		20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.35	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1495	EA		20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.20	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1496	EA		20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	115.04	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1497	EA		20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.88	9.63
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1498	EA		20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.71	10.13
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1499	EA		20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.55	10.13
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1500	EA		20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.37	10.13
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1501	EA		22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.75	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1502	EA		22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.98	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1503	EA		22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.17	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1504	EA		22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.39	8.62
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1505	EA		22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.60	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1506	EA		22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.83	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1507	EA		22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.03	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1508	EA		22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.24	9.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	118.47	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	122.68	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	126.91	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	133.13	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	137.35	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	141.54	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	84.98	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	89.56	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	94.16	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	98.74	8.62
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	105.35	9.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	109.94	9.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	114.54	9.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	119.13	9.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	125.75	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	130.34	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	134.93	9.63
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	141.54	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	146.14	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	150.75	10.13
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1529		Bright Stainless Finish, Stainless Kick Plate <small>(08 71 11 00-1401)</small>			
08 71 11 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	67.47	7.60
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	70.85	7.60
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	74.21	7.60
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	77.58	7.60
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	82.97	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	86.35	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	89.71	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	93.09	8.10
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	98.46	8.62
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	101.85	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1540	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.24	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1541	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.61	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1542	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.98	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1543	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.34	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1544	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	76.74	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1545	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.94	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1546	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.16	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1547	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	89.38	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1548	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.61	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1549	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.82	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1550	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.05	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1551	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	108.26	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1552	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	114.49	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1553	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.70	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1554	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.93	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1555	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	129.14	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1556	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.37	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1557	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.58	9.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1558	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.99	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1559	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.06	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1560	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.12	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1561	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	101.18	7.60
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1562	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	108.26	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1563	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.29	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1564	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.36	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1565	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.42	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1566	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.50	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1567	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	135.56	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.60	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1569	EA		12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.69 1.76 11.40	9.12
08 71 11 00-1570	EA		12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.73 1.76 11.40	9.12
08 71 11 00-1571	EA		12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.79 1.76 11.40	9.12
08 71 11 00-1572	EA		14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.31 1.76 11.40	8.10
08 71 11 00-1573	EA		14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.21 1.76 11.40	8.10
08 71 11 00-1574	EA		14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.10 1.76 11.40	8.10
08 71 11 00-1575	EA		14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.00 1.76 11.40	8.10
08 71 11 00-1576	EA		14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.93 1.76 11.40	8.62
08 71 11 00-1577	EA		14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.82 1.76 11.40	8.62
08 71 11 00-1578	EA		14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.72 1.76 11.40	8.62
08 71 11 00-1579	EA		14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.60 1.76 11.40	8.62
08 71 11 00-1580	EA		14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.54 1.76 11.40	9.12
08 71 11 00-1581	EA		14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.43 1.76 11.40	9.12
08 71 11 00-1582	EA		14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.33 1.76 11.40	9.12
08 71 11 00-1583	EA		14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.26 1.76 11.40	9.63
08 71 11 00-1584	EA		14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	174.13 1.76 11.40	9.63
08 71 11 00-1585	EA		14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.03 1.76 11.40	9.63
08 71 11 00-1586	EA		16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.56 1.76 11.40	8.10
08 71 11 00-1587	EA		16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.29 1.76 11.40	8.10
08 71 11 00-1588	EA		16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.06 1.76 11.40	8.10
08 71 11 00-1589	EA		16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.79 1.76 11.40	8.10
08 71 11 00-1590	EA		16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.56 1.76 11.40	8.62
08 71 11 00-1591	EA		16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.30 1.76 11.40	8.62
08 71 11 00-1592	EA		16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.03 1.76 11.40	8.62
08 71 11 00-1593	EA		16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.77 1.76 11.40	8.62
08 71 11 00-1594	EA		16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.53 1.76 11.40	9.12
08 71 11 00-1595	EA		16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.26 1.76 11.40	9.12
08 71 11 00-1596	EA		16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.00 1.76 11.40	9.12
08 71 11 00-1597	EA		16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.77 1.76 11.40	9.63
08 71 11 00-1598	EA		16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.53 1.76 11.40	9.63

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1599	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	200.27	9.63
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1600	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.82	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1601	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.52	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1602	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	132.16	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1603	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	139.86	8.10
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1604	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.57	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1605	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.21	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1606	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.91	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1607	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.94	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1608	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.27	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1609	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	189.95	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1610	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.62	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1611	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	207.32	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1612	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	214.99	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1613	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	222.66	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1614	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	128.25	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1615	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	136.77	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1616	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.29	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1617	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.81	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1618	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.36	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1619	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.90	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1620	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.40	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1621	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	189.95	9.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1622	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	200.48	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1623	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	209.02	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1624	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	217.55	9.63
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1625	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	228.09	10.13
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1626	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	236.62	10.13
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1627	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.14	10.13
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1628	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.62	8.62
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1629	EA		22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.99 6.30 11.40	8.62
08 71 11 00-1630	EA		22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.37 6.30 11.40	8.62
08 71 11 00-1631	EA		22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.74 6.30 11.40	8.62
08 71 11 00-1632	EA		22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.14 6.30 11.40	9.12
08 71 11 00-1633	EA		22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.53 6.30 11.40	9.12
08 71 11 00-1634	EA		22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.92 6.30 11.40	9.12
08 71 11 00-1635	EA		22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.29 6.30 11.40	9.12
08 71 11 00-1636	EA		22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.69 6.30 11.40	9.63
08 71 11 00-1637	EA		22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.06 6.30 11.40	9.63
08 71 11 00-1638	EA		22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.44 6.30 11.40	9.63
08 71 11 00-1639	EA		22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	246.84 6.30 11.40	10.13
08 71 11 00-1640	EA		22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.24 6.30 11.40	10.13
08 71 11 00-1641	EA		22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.61 6.30 11.40	10.13
08 71 11 00-1642	EA		24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.99 6.30 11.40	8.62
08 71 11 00-1643	EA		24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.21 6.30 11.40	8.62
08 71 11 00-1644	EA		24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.45 6.30 11.40	8.62
08 71 11 00-1645	EA		24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.68 6.30 11.40	8.62
08 71 11 00-1646	EA		24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.95 6.30 11.40	9.12
08 71 11 00-1647	EA		24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.16 6.30 11.40	9.12
08 71 11 00-1648	EA		24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.39 6.30 11.40	9.12
08 71 11 00-1649	EA		24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.63 6.30 11.40	9.12
08 71 11 00-1650	EA		24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.89 6.30 11.40	9.63
08 71 11 00-1651	EA		24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	243.11 6.30 11.40	9.63
08 71 11 00-1652	EA		24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.35 6.30 11.40	9.63
08 71 11 00-1653	EA		24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.61 6.30 11.40	10.13
08 71 11 00-1654	EA		24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	275.85 6.30 11.40	10.13
08 71 11 00-1655	EA		24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	286.07 6.30 11.40	10.13
08 71 11 00-1656			Plastic Kick Plate (08 71 11 00-0763)		
08 71 11 00-1657			Clear Or Black Finish, Plastic Kick Plate (08 71 11 00-1656) Note: With four beveled edges.		
08 71 11 00-1658	EA		8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	42.32	7.60
08 71 11 00-1659	EA		8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	43.38	7.60
08 71 11 00-1660	EA		8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	44.49	7.60

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	83.17	9.12
08 71 11 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	86.28	9.12
08 71 11 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	89.40	9.12
08 71 11 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	92.51	9.12
08 71 11 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	97.65	9.63
08 71 11 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	100.76	9.63
08 71 11 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.87	9.63
08 71 11 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	109.02	10.13
08 71 11 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.13	10.13
08 71 11 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.24	10.13
08 71 11 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	72.13	8.62
08 71 11 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.54	8.62
08 71 11 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	78.97	8.62
08 71 11 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	82.38	8.62
08 71 11 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	87.84	9.12
08 71 11 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	91.28	9.12
08 71 11 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	94.68	9.12
08 71 11 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	98.12	9.12
08 71 11 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.55	9.63
08 71 11 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	106.99	9.63
08 71 11 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.42	9.63
08 71 11 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.86	10.13
08 71 11 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	119.29	10.13
08 71 11 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.70	10.13
08 71 11 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.54	8.62
08 71 11 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.27	8.62
08 71 11 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	83.02	8.62
08 71 11 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	86.76	8.62
08 71 11 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	92.51	9.12
08 71 11 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	96.24	9.12
08 71 11 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.97	9.12
08 71 11 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.72	9.12
08 71 11 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	109.49	9.63
08 71 11 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	113.21	9.63
08 71 11 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	116.94	9.63
08 71 11 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.70	10.13
08 71 11 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	126.46	10.13
08 71 11 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	130.19	10.13

08 71 11 00-1784 Mop Plate (08 71 11 00-0762)
 Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate (08 71 11 00-1784)

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate (08 71 11 00-1785)

08 71 11 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.83	7.40
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.60	7.40
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	39.34	7.40
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.11	7.40
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1791	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.10	7.70
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1792	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.84	7.70
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1793	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.61	7.70
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1794	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.35	7.70
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1795	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.84	8.10
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1796	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.60	8.10
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1797	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.35	8.10
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1798	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.14	8.62
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1799	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.91	8.62
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1800	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.65	8.62
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1801	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.00	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1802	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.13	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1803	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.28	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1804	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.41	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1805	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.78	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1806	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.90	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1807	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.06	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1808	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.18	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1809	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	54.05	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1810	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.18	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1811	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	56.33	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1812	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.50	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1813	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.64	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1814	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.76	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1815		Brass Base Material Mop Plate (08 71 11 00-1784)		
08 71 11 00-1816		Bright/Satin Brass Finish, Brass Mop Plate (08 71 11 00-1815)		
08 71 11 00-1817	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	53.84	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1818	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	56.08	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1819	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	58.29	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1820	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	60.51	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1821	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	63.94	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1822	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	66.15	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1823	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	68.37	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1824	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	70.58	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1825	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	74.52	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1826	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	76.73	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1827	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	78.94	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1828	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	83.19	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1829	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	85.40	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1830	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	87.64	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1831	EA		6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.05 1.76 11.40	7.40
08 71 11 00-1832	EA		6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.36 1.76 11.40	7.40
08 71 11 00-1833	EA		6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.69 1.76 11.40	7.40
08 71 11 00-1834	EA		6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.00 1.76 11.40	7.40
08 71 11 00-1835	EA		6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.55 1.76 11.40	7.70
08 71 11 00-1836	EA		6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.89 1.76 11.40	7.70
08 71 11 00-1837	EA		6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.19 1.76 11.40	7.70
08 71 11 00-1838	EA		6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.53 1.76 11.40	7.70
08 71 11 00-1839	EA		6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.55 1.76 11.40	8.10
08 71 11 00-1840	EA		6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.89 1.76 11.40	8.10
08 71 11 00-1841	EA		6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.22 1.76 11.40	8.10
08 71 11 00-1842	EA		6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.56 1.76 11.40	8.62
08 71 11 00-1843	EA		6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.89 1.76 11.40	8.62
08 71 11 00-1844	EA		6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.20 1.76 11.40	8.62
08 71 11 00-1845			Bright/Satin Chrome Finish, Brass Mop Plate (08 71 11 00-1815)		
08 71 11 00-1846	EA		4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.15 1.76 11.40	7.40
08 71 11 00-1847	EA		4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.56 1.76 11.40	7.40
08 71 11 00-1848	EA		4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.99 1.76 11.40	7.40
08 71 11 00-1849	EA		4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.42 1.76 11.40	7.40
08 71 11 00-1850	EA		4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.05 1.76 11.40	7.70
08 71 11 00-1851	EA		4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.48 1.76 11.40	7.70
08 71 11 00-1852	EA		4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.90 1.76 11.40	7.70
08 71 11 00-1853	EA		4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.31 1.76 11.40	7.70
08 71 11 00-1854	EA		4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.46 1.76 11.40	8.10
08 71 11 00-1855	EA		4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.90 1.76 11.40	8.10
08 71 11 00-1856	EA		4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.33 1.76 11.40	8.10
08 71 11 00-1857	EA		4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.79 1.76 11.40	8.62
08 71 11 00-1858	EA		4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.20 1.76 11.40	8.62
08 71 11 00-1859	EA		4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.62 1.76 11.40	8.62
08 71 11 00-1860	EA		6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.48 1.76 11.40	7.40

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1861	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	73.09	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1862	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	76.74	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1863	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	80.39	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1864	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	85.23	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1865	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	88.87	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1866	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	92.49	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1867	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	96.14	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1868	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	101.51	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1869	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	105.12	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1870	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	108.77	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1871	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	114.42	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1872	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	118.07	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1873	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	121.70	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate (08 71 11 00-1815)

08 71 11 00-1875	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	56.59	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1876	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	59.04	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1877	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	61.51	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1878	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	63.97	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1879	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	67.66	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1880	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	70.13	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1881	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	72.60	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1882	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	75.07	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1883	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	79.23	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1884	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	81.70	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1885	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	84.17	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1886	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	88.67	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1887	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	91.14	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1888	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	93.58	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1889	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	70.13	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1890	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	73.85	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1891	EA		6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.54 1.76 11.40	7.40
08 71 11 00-1892	EA		6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.42 1.76 11.40	7.40
08 71 11 00-1893	EA		6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.14 1.76 11.40	7.70
08 71 11 00-1894	EA		6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.83 1.76 11.40	7.70
08 71 11 00-1895	EA		6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.52 1.76 11.40	7.70
08 71 11 00-1896	EA		6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.21 1.76 11.40	7.70
08 71 11 00-1897	EA		6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.65 1.76 11.40	8.10
08 71 11 00-1898	EA		6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.34 1.76 11.40	8.10
08 71 11 00-1899	EA		6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.03 1.76 11.40	8.10
08 71 11 00-1900	EA		6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.76 1.76 11.40	8.62
08 71 11 00-1901	EA		6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.45 1.76 11.40	8.62
08 71 11 00-1902	EA		6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.14 1.76 11.40	8.62
08 71 11 00-1903 Satin Nickel Finish, Brass Mop Plate (08 71 11 00-1815)					
08 71 11 00-1904	EA		4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.11 1.76 11.40	7.40
08 71 11 00-1905	EA		4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.60 1.76 11.40	7.40
08 71 11 00-1906	EA		4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.12 1.76 11.40	7.40
08 71 11 00-1907	EA		4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.64 1.76 11.40	7.40
08 71 11 00-1908	EA		4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.37 1.76 11.40	7.70
08 71 11 00-1909	EA		4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.87 1.76 11.40	7.70
08 71 11 00-1910	EA		4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.38 1.76 11.40	7.70
08 71 11 00-1911	EA		4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.90 1.76 11.40	7.70
08 71 11 00-1912	EA		4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.15 1.76 11.40	8.10
08 71 11 00-1913	EA		4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.65 1.76 11.40	8.10
08 71 11 00-1914	EA		4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.14 1.76 11.40	8.10
08 71 11 00-1915	EA		4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.70 1.76 11.40	8.62
08 71 11 00-1916	EA		4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.22 1.76 11.40	8.62
08 71 11 00-1917	EA		4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.70 1.76 11.40	8.62
08 71 11 00-1918	EA		6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.91 1.76 11.40	7.40
08 71 11 00-1919	EA		6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.68 1.76 11.40	7.40
08 71 11 00-1920	EA		6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.44 1.76 11.40	7.40

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	82.20	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	87.19	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	90.95	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	94.71	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	98.49	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	103.98	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	107.75	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	111.52	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	117.31	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	121.07	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	124.85	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1932 Stainless Base Material Mop Plate (08 71 11 00-1784)**08 71 11 00-1933 Satin Stainless Finish, Stainless Mop Plate** (08 71 11 00-1932)

08 71 11 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.37	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.15	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.97	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	40.77	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.80	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.61	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.40	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	45.21	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	47.73	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	48.54	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	49.36	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1945	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.17	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1946	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.99	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1947	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	53.78	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1948	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.77	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1949	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.99	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1950	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	45.20	7.40
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1951	EA		6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.42 1.76 11.40	7.40
08 71 11 00-1952	EA		6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.83 1.76 11.40	7.70
08 71 11 00-1953	EA		6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.03 1.76 11.40	7.70
08 71 11 00-1954	EA		6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.26 1.76 11.40	7.70
08 71 11 00-1955	EA		6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.46 1.76 11.40	7.70
08 71 11 00-1956	EA		6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.40 1.76 11.40	8.10
08 71 11 00-1957	EA		6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.59 1.76 11.40	8.10
08 71 11 00-1958	EA		6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.80 1.76 11.40	8.10
08 71 11 00-1959	EA		6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.05 1.76 11.40	8.62
08 71 11 00-1960	EA		6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.24 1.76 11.40	8.62
08 71 11 00-1961	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.46 1.76 11.40	8.62
08 71 11 00-1962			Bright Stainless Finish, Stainless Mop Plate <small>(08 71 11 00-1932)</small>		
08 71 11 00-1963	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.19 1.76 11.40	7.40
08 71 11 00-1964	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.99 1.76 11.40	7.40
08 71 11 00-1965	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.80 1.76 11.40	7.40
08 71 11 00-1966	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.57 1.76 11.40	7.40
08 71 11 00-1967	EA		4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.59 1.76 11.40	7.70
08 71 11 00-1968	EA		4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.38 1.76 11.40	7.70
08 71 11 00-1969	EA		4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.18 1.76 11.40	7.70
08 71 11 00-1970	EA		4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.98 1.76 11.40	7.70
08 71 11 00-1971	EA		4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.47 1.76 11.40	8.10
08 71 11 00-1972	EA		4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.28 1.76 11.40	8.10
08 71 11 00-1973	EA		4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.08 1.76 11.40	8.10
08 71 11 00-1974	EA		4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.89 1.76 11.40	8.62
08 71 11 00-1975	EA		4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.70 1.76 11.40	8.62
08 71 11 00-1976	EA		4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.47 1.76 11.40	8.62
08 71 11 00-1977	EA		6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.04 1.76 11.40	7.40
08 71 11 00-1978	EA		6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.76 1.76 11.40	7.40
08 71 11 00-1979	EA		6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.45 1.76 11.40	7.40
08 71 11 00-1980	EA		6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.14 1.76 11.40	7.40

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1981	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	71.03	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1982	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	73.72	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1983	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	76.41	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1984	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	79.09	7.70
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1985	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	83.52	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1986	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	86.21	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1987	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	88.89	8.10
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1988	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	93.61	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1989	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	96.29	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1990	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	98.97	8.62
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	

08 71 11 00-1991 Plastic Mop Plate (08 71 11 00-1794)**08 71 11 00-1992 Clear Or Black Finish, Plastic Mop Plate** (08 71 11 00-1991)

Note: With four beveled edges.

08 71 11 00-1993	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	36.87	7.40
		Note: 4 sides beveled.		
08 71 11 00-1994	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	37.54	7.40
		Note: 4 sides beveled.		
08 71 11 00-1995	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	38.22	7.40
		Note: 4 sides beveled.		
08 71 11 00-1996	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	38.89	7.40
		Note: 4 sides beveled.		
08 71 11 00-1997	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.78	7.70
		Note: 4 sides beveled.		
08 71 11 00-1998	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	41.45	7.70
		Note: 4 sides beveled.		
08 71 11 00-1999	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	42.12	7.70
		Note: 4 sides beveled.		
08 71 11 00-2000	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	42.80	7.70
		Note: 4 sides beveled.		
08 71 11 00-2001	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	45.19	8.10
		Note: 4 sides beveled.		
08 71 11 00-2002	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	45.86	8.10
		Note: 4 sides beveled.		
08 71 11 00-2003	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	46.52	8.10
		Note: 4 sides beveled.		
08 71 11 00-2004	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	49.22	8.62
		Note: 4 sides beveled.		
08 71 11 00-2005	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	49.91	8.62
		Note: 4 sides beveled.		
08 71 11 00-2006	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	50.57	8.62
		Note: 4 sides beveled.		
08 71 11 00-2007	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.56	7.40
		Note: 4 sides beveled.		
08 71 11 00-2008	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	41.58	7.40
		Note: 4 sides beveled.		
08 71 11 00-2009	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	42.58	7.40
		Note: 4 sides beveled.		
08 71 11 00-2010	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	43.58	7.40
		Note: 4 sides beveled.		
08 71 11 00-2011	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	45.82	7.70
		Note: 4 sides beveled.		
08 71 11 00-2012	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	46.82	7.70
		Note: 4 sides beveled.		
08 71 11 00-2013	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	47.83	7.70
		Note: 4 sides beveled.		
08 71 11 00-2014	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	48.83	7.70
		Note: 4 sides beveled.		
08 71 11 00-2015	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	51.57	8.10
		Note: 4 sides beveled.		
08 71 11 00-2016	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	52.57	8.10
		Note: 4 sides beveled.		
08 71 11 00-2017	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	53.57	8.10
		Note: 4 sides beveled.		
08 71 11 00-2018	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	56.62	8.62
		Note: 4 sides beveled.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2019	EA		6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	57.62	8.62
08 71 11 00-2020	EA		6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	58.62	8.62
08 71 11 00-2021			Armor Door Plate (08 71 11 00-0762) Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2022	SF		4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	17.15	1.27
08 71 11 00-2023	SF		>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	16.03	0.99
08 71 11 00-2024	SF		4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	18.84	1.27
08 71 11 00-2025	SF		>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	17.72	0.99
08 71 11 00-2026	SF		4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	35.76	1.27
08 71 11 00-2027	SF		>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	34.64	0.99
08 71 11 00-2028			Pull Handle And Plates (08 71 11 00-0762)		
08 71 11 00-2029			Pull Handle (08 71 11 00-2028)		
08 71 11 00-2030	EA		3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	45.64 5.12 6.95	8.36
08 71 11 00-2031	EA		3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	47.22 5.78 7.85	8.36
08 71 11 00-2032	EA		3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	49.72 6.83 9.27	8.36
08 71 11 00-2033	EA		1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	51.10 7.41 10.06	8.36
08 71 11 00-2034	EA		1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	53.61 8.47 11.49	8.36
08 71 11 00-2035	EA		1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	56.85 9.83 13.34	8.36
08 71 11 00-2036	EA		1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	47.34 5.83 7.92	8.36
08 71 11 00-2037	EA		1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	50.80 7.29 9.89	8.36
08 71 11 00-2038	EA		1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	51.37 7.53 10.21	8.36
08 71 11 00-2039	EA		1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8) <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Brass, Add</i>	86.24 9.98 9.19	8.36
08 71 11 00-2040	EA		1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0) <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Brass, Add</i>	88.37 10.38 9.56	8.36
08 71 11 00-2041	EA		1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2) <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Brass, Add</i>	92.67 11.19 10.30	8.36
08 71 11 00-2042	EA		1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18) <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Brass, Add</i>	117.54 15.89 14.63	8.36
08 71 11 00-2043			Pull Plate (08 71 11 00-2028)		
08 71 11 00-2044	EA		3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302) <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	60.08 20.50 26.06	6.33
08 71 11 00-2045	EA		6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	64.05 22.84 29.04	6.33
08 71 11 00-2046	EA		4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	61.29 21.22 26.97	6.33
08 71 11 00-2047			Push Bars And Plates (08 71 11 00-0762)		
08 71 11 00-2048			Push Bars (08 71 11 00-2047)		
08 71 11 00-2049	EA		3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate..... Note: Up to 34" wide. All finishes.	171.01	6.33
08 71 11 00-2050	EA		3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide..... <i>For Brass Push Bar, Add</i>	143.02 20.48	6.33
08 71 11 00-2051	EA		1" Diameter Stainless Steel Push Bar, Up To 34" Wide..... <i>For Brass Push Bar, Add</i>	147.96 21.34	6.33
08 71 11 00-2052	EA		1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide <i>For Brass Push Bar, Add</i>	270.60 42.68	6.33
08 71 11 00-2053			Push Plates (08 71 11 00-2047)		
08 71 11 00-2054			Aluminum Push Plates (08 71 11 00-2053)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 71 11 00-2055		Clear Anodized Finish, Aluminum Push Plates (08 71 11 00-2054)			
		Note: Ives 8200 Series.			
08 71 11 00-2056	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	34.06		6.33
08 71 11 00-2057	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	34.06		6.33
08 71 11 00-2058	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	34.06		6.33
08 71 11 00-2059	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware.....	36.27		6.33
08 71 11 00-2060		Stainless Steel Push Plates (08 71 11 00-2053)			
08 71 11 00-2061		Satin Finish, Stainless Steel Push Plates (08 71 11 00-2060)			
		Note: Ives 8200 Series.			
08 71 11 00-2062	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware.....	34.06		6.33
08 71 11 00-2063	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	35.76		6.33
08 71 11 00-2064	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	39.64		6.33
08 71 11 00-2065	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	45.38		6.33
08 71 11 00-2066		Brass Push Plates (08 71 11 00-2053)			
08 71 11 00-2067		Bright/Satin Brass Finish, Brass Push Plates (08 71 11 00-2066)			
		Note: Ives 8200 Series.			
08 71 11 00-2068	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	39.25		6.33
08 71 11 00-2069	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	43.61		6.33
08 71 11 00-2070	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	54.11		6.33
08 71 11 00-2071	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	61.02		6.33
08 71 11 00-2072		Bright/Satin Chrome Finish, Brass Push Plates (08 71 11 00-2066)			
		Note: Ives 8200 Series.			
08 71 11 00-2073	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	42.74		6.33
08 71 11 00-2074	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	46.28		6.33
08 71 11 00-2075	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	55.90		6.33
08 71 11 00-2076	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	65.39		6.33
08 71 11 00-2077		Satin/Dark Bronze Finish, Brass Push Plates (08 71 11 00-2066)			
		Note: Ives 8200 Series.			
08 71 11 00-2078	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	42.74		6.33
08 71 11 00-2079	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	46.28		6.33
08 71 11 00-2080	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	57.60		6.33
08 71 11 00-2081	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	66.33		6.33
08 71 11 00-2082		Satin Nickel Finish, Brass Push Plates (08 71 11 00-2066)			
		Note: Ives 8200 Series.			
08 71 11 00-2083	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware.....	42.74		6.33
08 71 11 00-2084	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	47.17		6.33
08 71 11 00-2085	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	60.29		6.33
08 71 11 00-2086	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	69.02		6.33
08 71 11 00-2087		Exit Devices (08 71 11)			
08 71 11 00-2088		Push Bar Exit Device, Von Duprin Series 22 (08 71 11 00-2087)			
		Note: Grade 1, BHMA 156.3.			
08 71 11 00-2089	EA	3' Push Bar, Rim Type, Exit Device.....	632.80		114.01
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.			
		For 4' Push Bar, Add	13.00		
08 71 11 00-2090	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device.....	697.86		114.01
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F.			
		For 4' Push Bar, Add	13.00		
08 71 11 00-2091	EA	3' Push Bar, Surface Vertical Rods, Exit Device.....	904.19		136.82
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227.			
		For 4' Push Bar, Add	13.00		
08 71 11 00-2092	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device.....	1,066.22		126.69
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F.			
		For 4' Push Bar, Add	13.00		
08 71 11 00-2093	EA	Dummy Trim (Von Duprin Series 22, 210DT).....	87.44		19.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2094	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL).....	187.21		25.33
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2095	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K).....	340.63		38.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2096	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L).....	337.63		38.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2097	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP).....	336.88		38.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2098	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE).....	267.11		38.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2099	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO).....	108.05		15.20
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2100	EA	Dummy Trim (Von Duprin Series 22, 230DT).....	125.69		19.00
		Note: Anodized finish: aluminum or dark brown.			
08 71 11 00-2101	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL).....	226.97		25.33
		Note: Anodized finish: aluminum or dark brown.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2102	EA		Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE)..... Note: Anodized finish: aluminum or dark brown.	264.12	38.00
08 71 11 00-2103	EA		Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE)..... Note: Anodized finish: aluminum or dark brown.	263.37	38.00
08 71 11 00-2104			Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 (08 71 11 00-2087) Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2105	EA		3' Push Bar, Rim Type, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 33/35. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,140.43 13.00 85.65 164.35 31.78 244.23	114.01
08 71 11 00-2106	EA		3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3327/3527. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,541.04 13.00 120.44 231.12 44.70 343.45	136.82
08 71 11 00-2107	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,569.54 13.00 123.36 236.72 45.78 351.77	136.82
08 71 11 00-2108	EA		3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3347/3547. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,607.27 13.00 121.52 233.18 45.09 346.51	157.09
08 71 11 00-2109	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,680.78 13.00 129.04 247.63 47.89 367.98	157.09
08 71 11 00-2110	EA		3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3348/3548. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,783.55 13.00 139.57 267.82 51.79 397.99	157.09
08 71 11 00-2111	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device..... Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F. <i>For 4' Push Bar, Add</i> <i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	1,857.06 13.00 147.10 282.27 54.59 419.45	157.09
08 71 11 00-2112	EA		Dummy Trim (Von Duprin Series 33/35, DT)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	251.71 39.50 7.64 58.70	19.00
08 71 11 00-2113	EA		Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	318.48 48.64 9.41 72.28	25.33
08 71 11 00-2114	EA		Night Latch With Cylinder (Von Duprin Series 33/35, NL)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	499.26 84.16 16.28 125.07	25.33
08 71 11 00-2115	EA		Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	627.93 103.47 20.01 153.76	38.00
08 71 11 00-2116	EA		Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	603.92 98.76 19.10 146.75	38.00
08 71 11 00-2117	EA		Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)..... Note: Anodized finish: aluminum or dark brown. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	592.66 96.54 18.67 143.47	38.00

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2118	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T).....	597.92	38.00
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	97.58	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	18.87	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	145.00	

08 71 11 00-2119 Push Bar Exit Device, Von Duprin Series 98/99 (08 71 11 00-2087)

Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.

08 71 11 00-2120	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99).....	1,015.91	114.01
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	43.42	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	69.05	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	110.34	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	225.66	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	71.19	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	104.64	
		For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
		For Special Center Case Dogging (SD), Add	198.64	
		For Cylinder Dogging Indicator (CI), Add	132.22	
		For Dogging Indicator (DI), Add	121.46	
		For Quiet Electric Latch Retraction (QEL), Add	385.49	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
		For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2121	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F).....	1,140.43	114.01
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	51.02	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	81.13	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	129.64	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	265.14	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	83.64	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	122.95	
		For Quiet Electric Latch Retraction (QEL), Add	385.49	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
		For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2122	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99).....	1,099.17	114.01
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	48.50	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	77.13	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	123.25	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	252.06	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	79.51	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	116.88	
		For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
		For Special Center Case Dogging (SD), Add	198.64	
		For Cylinder Dogging Indicator (CI), Add	132.22	
		For Dogging Indicator (DI), Add	121.46	
		For Quiet Electric Latch Retraction (QEL), Add	385.49	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
		For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2123	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F).....	1,220.69	114.01
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	55.92	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	88.92	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	142.08	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	290.58	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	91.67	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	134.75	
		For Quiet Electric Latch Retraction (QEL), Add	385.49	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
		For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2124	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927).....	1,427.77	136.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	64.84	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	103.10	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	164.75	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	336.95	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	106.29	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	156.25	
		For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
		For Special Center Case Dogging (SD), Add	198.64	
		For Cylinder Dogging Indicator (CI), Add	132.22	
		For Dogging Indicator (DI), Add	121.46	
		For Quiet Electric Latch Retraction (QEL), Add	385.49	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
		For Safety Glow Touchpad, Add	221.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2125	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,596.55 13.00 75.13 119.47 190.91 390.45 123.17 181.06 385.49 61.37 221.41	136.82
08 71 11 00-2126	EA		3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,511.26 13.00 101.43 105.80 169.06 345.75 109.07 160.33 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09
08 71 11 00-2127	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,683.79 13.00 117.48 122.53 195.80 400.44 126.32 185.69 385.49 61.37 221.41	157.09
08 71 11 00-2128	EA		3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,687.54 13.00 117.83 122.90 196.38 401.63 126.70 186.24 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09
08 71 11 00-2129	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,860.06 13.00 133.87 139.63 223.12 456.32 143.95 211.60 385.49 61.37 221.41	157.09
08 71 11 00-2130	EA		3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,636.53 13.00 113.08 117.95 188.47 385.46 121.60 178.74 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2131	EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	1,830.81	157.09
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	131.15	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	136.79	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	218.59	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	447.04	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	141.02	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	207.30	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2132	EA 3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	1,756.33	136.82
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	84.88	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	134.97	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	215.68	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	441.10	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	139.15	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	204.55	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Cylinder Dogging Indicator (CI), Add	132.22	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2133	EA 3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	1,868.10	136.82
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	91.70	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	145.82	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	233.00	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	476.53	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	150.33	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	220.98	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Cylinder Dogging Indicator (CI), Add	132.22	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2134	EA 3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)	1,420.47	141.89
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	38.50	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	100.92	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	161.27	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	329.81	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	104.04	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	152.94	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Cylinder Dogging Indicator (CI), Add	132.22	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2135	EA 3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F)	1,547.24	141.89
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	43.19	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	113.22	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	180.91	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	370.00	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	116.72	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	171.58	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2136	EA 3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949)	1,564.51	157.09
	Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	106.39	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	110.96	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	177.31	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	362.63	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	114.39	
	For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	168.16	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Cylinder Dogging Indicator (CI), Add	132.22	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2137	EA		3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,690.53 13.00 118.11 123.19 196.84 402.57 127.00 186.68 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09
08 71 11 00-2138	EA		3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,695.03 13.00 118.52 123.62 197.54 404.00 127.45 187.34 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09
08 71 11 00-2139	EA		3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,920.07 13.00 139.45 145.45 232.42 475.34 149.95 220.43 47.45 198.64 132.22 121.46 385.49 61.37 221.41	157.09
08 71 11 00-2140	EA		3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Center Case Dogging (CD-CX), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	2,157.25 13.00 279.39 571.41 180.25 67.05 75.35 214.45 385.49 61.37 221.41	131.75
08 71 11 00-2141	EA		3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	2,281.77 13.00 298.69 610.88 192.71 71.69 80.55 385.49 61.37 221.41	131.75
08 71 11 00-2142	EA		3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Center Case Dogging (CD-CX), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	2,571.95 13.00 330.32 675.56 213.11 79.28 89.08 214.45 385.49 61.37 221.41	162.15

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2143	EA 3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F)	2,698.73	162.15
	Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	349.97	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	715.74	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	225.79	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	83.99	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	94.38	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2144	EA 3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99).....	1,422.14	131.75
	Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	165.45	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	338.38	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	106.74	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	39.71	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	61.27	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2145	EA 3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F)	1,546.66	131.75
	Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	184.75	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	377.85	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	119.20	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	44.34	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	68.42	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2146	EA 3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975)	1,836.84	162.15
	Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	216.38	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	442.53	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	139.60	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	51.93	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	80.13	
	For Standard Baseplate Cylinder Dogging (CD), Add	47.45	
	For Special Center Case Dogging (SD), Add	198.64	
	For Dogging Indicator (DI), Add	121.46	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2147	EA 3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F).....	1,963.60	162.15
	Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
	For 4' Push Bar, Add	13.00	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	236.02	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	482.71	
	For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	152.27	
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	56.65	
	For Satin Chrome Plated US26D (BHMA 626) Finish, Add	87.41	
	For Quiet Electric Latch Retraction (QEL), Add	385.49	
	For Vision Impaired Touchpad, Raised Letters and Braille, Add	61.37	
	For Safety Glow Touchpad, Add	221.41	
08 71 11 00-2148	EA Exit Only Trim Plate (Von Duprin Series 98/99, EO).....	120.25	15.20
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	2.39	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	3.59	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	13.55	
08 71 11 00-2149	EA Dummy Trim (Von Duprin Series 98/99, 990DT)	174.67	19.00
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	3.72	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	5.58	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	21.08	
08 71 11 00-2150	EA Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL).....	277.30	25.33
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.19	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.29	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	35.08	
08 71 11 00-2151	EA Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL).....	203.79	25.33
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	3.99	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	5.98	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	22.58	
08 71 11 00-2152	EA Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L).....	461.42	38.00
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.80	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.20	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	61.21	
08 71 11 00-2153	EA Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L)	387.91	38.00
	Note: Satin chrome plated US26D (BHMA 626) finish.		
	For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.60	
	For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.90	
	For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2154	EA		Blank Escutcheon, Lever (Von Duprin Series 98/99, 996L-BE).....	387.91	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.60	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.90	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.72	
08 71 11 00-2155	EA		Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL).....	398.16	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.90	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	13.36	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	50.46	
08 71 11 00-2156	EA		Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL).....	324.65	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.70	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	10.05	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	37.96	
08 71 11 00-2157	EA		Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT).....	324.65	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.70	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	10.05	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	37.96	
08 71 11 00-2158	EA		Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K).....	388.05	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.60	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.90	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.74	
08 71 11 00-2159	EA		Knob Trim Without Cylinder (Von Duprin Series 98/99, K).....	314.53	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.40	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.59	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	36.24	
08 71 11 00-2160	EA		Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE).....	314.53	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.40	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.59	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	36.24	
08 71 11 00-2161	EA		Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL).....	382.35	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.43	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.65	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	47.77	
08 71 11 00-2162	EA		Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL).....	308.84	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.23	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.34	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	35.28	
08 71 11 00-2163	EA		Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT).....	308.84	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.23	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.34	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	35.28	
08 71 11 00-2164	EA		Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP).....	351.35	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.50	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.25	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	42.50	
08 71 11 00-2165	EA		Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP).....	277.84	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.30	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	7.94	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	30.01	
08 71 11 00-2166	EA		Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE).....	277.84	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.30	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	7.94	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	30.01	
08 71 11 00-2167	EA		Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL).....	297.87	38.00
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.90	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.84	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	33.41	
08 71 11 00-2168			Option And Kits For Series 22, 33, 35, 98 Or 99 <small>(08 71 11 00-2087)</small>		
08 71 11 00-2169	EA		Alarm Kit With Switch And 9 Volt Battery Back-up.....	754.68	38.00
08 71 11 00-2170	EA		4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914).....	471.37	38.00
			For Battery Backup (Includes Board And 2 Batteries), Add	72.69	
			For Fire Alarm Interface, Add	36.35	
			For 2 Relay Panic Device Control Board, Add	84.33	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	98.86	
			For 4 Relay Output Board, Add	81.42	
			For 4 Relay Logic Board, Add	223.30	
			For Fused 8 Zone Distribution Board, Add	29.08	
08 71 11 00-2171	EA		Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	442.64	38.00
08 71 11 00-2172	EA		2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902).....	260.13	38.00
			For Battery Backup (Includes Board And 2 Batteries), Add	72.69	
			For Fire Alarm Interface, Add	36.35	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	98.86	
			For 4 Relay Output Board, Add	81.42	
			For 4 Relay Logic Board, Add	223.30	
			For Fused 8 Zone Distribution Board, Add	29.08	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2173	EA 4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904).....	400.64	38.00
	<i>For Battery Backup (Includes Board And 2 Batteries), Add</i>	72.69	
	<i>For Fire Alarm Interface, Add</i>	36.35	
	<i>For 2 Relay Quiet Electric Latch Panic Device Control Board, Add</i>	98.86	
	<i>For 4 Relay Output Board, Add</i>	81.42	
	<i>For 4 Relay Logic Board, Add</i>	223.30	
	<i>For Fused 8 Zone Distribution Board, Add</i>	29.08	
08 71 11 00-2174	EA Request to Exit Push Pad Monitor Switch (RX)	171.51	25.33
08 71 11 00-2175	Removable Verticals, Mullions (Von Duprin) <small>(08 71 11 00-2087)</small>		
08 71 11 00-2176	EA 7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72).....	446.40	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-345.06	
08 71 11 00-2177	EA 8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82).....	473.40	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-372.06	
08 71 11 00-2178	EA 10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102).....	764.68	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-663.34	
08 71 11 00-2179	EA 7'-3" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)	754.72	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-633.10	
08 71 11 00-2180	EA 8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86)	781.72	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-660.10	
08 71 11 00-2181	EA 10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106)	840.99	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-719.37	
08 71 11 00-2182	EA 7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73).....	635.42	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-534.08	
08 71 11 00-2183	EA 8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83).....	663.18	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-561.84	
08 71 11 00-2184	EA 10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103).....	719.44	25.33
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-618.10	
08 71 11 00-2185	EA 7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75).....	973.00	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-851.38	
08 71 11 00-2186	EA 8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85).....	1,000.76	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-879.14	
08 71 11 00-2187	EA 10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105).....	1,872.93	30.40
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-1,751.31	
08 71 11 00-2188	EA Mullion Stabilizer Set (Von Duprin 154)	96.80	20.27
	Note: For use with Von Duprin Panic rim devices.		
	<i>For Owner Furnished Material, Deduct</i>	-56.26	
08 71 11 00-2189	Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 <small>(08 71 11 00-2087)</small>		
	Note: Grade 1, BHMA 156.3.		
08 71 11 00-2190	EA 42" Crossbar Exit Device, Rim Type, Narrow Stile	1,736.77	114.01
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	180.52	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	207.75	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	273.65	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	298.01	
08 71 11 00-2191	EA 42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile	2,241.13	157.09
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	229.39	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	263.98	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	347.73	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	378.67	
08 71 11 00-2192	EA 42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated.....	2,444.41	157.09
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	255.00	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	293.46	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	386.55	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	420.96	
08 71 11 00-2193	EA 42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile	2,291.38	157.09
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	235.72	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	271.27	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	357.32	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	389.13	
08 71 11 00-2194	EA 42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated.....	2,488.66	157.09
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	260.58	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	299.87	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	395.00	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	430.16	
08 71 11 00-2195	EA 42" Crossbar Exit Device, Mortise Lock, Narrow Stile.....	1,746.77	141.89
	Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.		
	<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	172.21	
	<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	198.17	
	<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	261.04	
	<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	284.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2196	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated.....	1,879.54	141.89
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	188.94	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	217.43	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	286.40	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	311.89	
08 71 11 00-2197	EA		Dummy Trim (DT) Pull Bracket, Von Duprin Series 55.....	297.47	19.00
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	31.10	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	35.78	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	47.14	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	51.33	
08 71 11 00-2198	EA		Cylinder Assembly, Von Duprin Series 55.....	140.70	26.86
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.79	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	10.12	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	13.32	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	14.51	
08 71 11 00-2199	EA		Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55.....	500.01	26.86
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	54.06	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	62.22	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	81.95	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	89.25	
08 71 11 00-2200	EA		Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55.....	539.41	38.00
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	55.20	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	63.52	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	83.67	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	91.12	
08 71 11 00-2201	EA		Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55.....	441.89	38.00
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	42.91	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	49.38	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	65.05	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	70.83	
08 71 11 00-2202	EA		Lever Trim (371L) With Cylinder, Von Duprin Series 55.....	539.41	38.00
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	55.20	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	63.52	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	83.67	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	91.12	
08 71 11 00-2203	EA		Lever Trim (575L) With Cylinder, Von Duprin Series 55.....	618.92	38.00
			Note: Anodized finish: dull brass or dull bronze.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	65.22	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	75.05	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	98.86	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	107.66	
08 71 11 00-2204			Cross Bar Exit Device, Von Duprin Series 88 (08 71 11 00-2087)		
			Note: Grade 1, BHMA 156.3.		
08 71 11 00-2205	EA		42" Crossbar, Rim Type, Exit Device.....	1,116.42	114.01
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	25.18	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	26.00	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	221.78	
08 71 11 00-2206	EA		42" Crossbar, Fire Rated, Rim Type, Exit Device.....	1,295.70	114.01
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	30.74	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	31.73	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	270.72	
08 71 11 00-2207	EA		42" Crossbar, Surface Vertical Rods, Exit Device.....	1,440.53	136.82
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	33.35	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	34.42	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	293.66	
08 71 11 00-2208	EA		42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device.....	1,828.33	136.82
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	45.37	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	46.83	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	399.53	
08 71 11 00-2209	EA		42" Crossbar, Concealed Vertical Rods, Exit Device.....	1,398.66	157.09
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	30.32	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	31.30	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	267.02	
08 71 11 00-2210	EA		42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device.....	1,751.30	157.09
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	41.25	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	42.58	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	363.29	
08 71 11 00-2211	EA		42" Crossbar, Mortise Lock, Exit Device.....	1,490.23	141.89
			Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	34.42	
			For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	35.53	
			For Bright Stainless Steel US32 (BHMA 629) Finish, Add	303.08	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2212	EA 42" Crossbar, Fire Rated, Mortise Lock, Exit Device Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,581.75 37.25 38.45 328.06	141.89
08 71 11 00-2213	EA Dummy Trim (Von Duprin Series 88, DT) Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	169.20 3.67 3.79 32.36	19.00
08 71 11 00-2214	EA Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	269.72 6.16 6.36 54.27	25.33
08 71 11 00-2215	EA Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	465.90 11.30 11.67 99.52	38.00
08 71 11 00-2216	EA Lever Trim With Cylinder (Von Duprin Series 88, 373L) Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	435.89 10.37 10.71 91.33	38.00
08 71 11 00-2217	EA Knob Trim With Cylinder (Von Duprin Series 88, K) Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	334.63 7.23 7.47 63.69	38.00
08 71 11 00-2218	EA Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP) Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	334.63 7.23 7.47 63.69	38.00
08 71 11 00-2219	Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 (08 71 11 00-2087) Note: Grade 1, BHMA 156.3.		
08 71 11 00-2220	EA 30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile Note: Adams Rite 8800	925.81	114.01
08 71 11 00-2221	EA Clutch Lever Entry Trim, Adams Rite Model 3081	540.81	38.00
08 71 11 00-2222	EA Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083	468.22	38.00
08 71 11 00-2223	EA Thumbturn Trim, Adams Rite Model 8066	356.49	38.00
08 71 11 00-2224	EA Mortise Cylinder, Adams Rite Model 4036-01.....	69.46	38.00
08 71 11 00-2225	EA Rim Cylinder, Adams Rite Model 8736	76.48	38.00
08 71 11 00-2226	Push Bar Exit Device, Precision Hardware Apex 2000 Series (08 71 11 00-2087) Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2227	EA 3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	1,180.69 13.00 -876.65	114.01
08 71 11 00-2228	EA 3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	1,240.92 13.00 -936.88	114.01
08 71 11 00-2229	EA 3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series) For 4' Push Bar, Add For Owner Furnished Material, Deduct	1,602.14 13.00 -1,237.29	136.82
08 71 11 00-2230	EA 3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)..... For 4' Push Bar, Add For Owner Furnished Material, Deduct	1,662.38 13.00 -1,297.53	136.82
08 71 11 00-2231	EA Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901) For Owner Furnished Material, Deduct	145.17 -104.63	15.20
08 71 11 00-2232	EA Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A) For Owner Furnished Material, Deduct	368.52 -317.84	19.00
08 71 11 00-2233	EA Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A) For Owner Furnished Material, Deduct	419.18 -317.84	38.00
08 71 11 00-2234	EA Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A) For Owner Furnished Material, Deduct	498.45 -397.11	38.00
08 71 11 00-2235	EA Key Controls Lever, Lever/Knob Trim (Precision V4908A) For Owner Furnished Material, Deduct	498.45 -397.11	38.00
08 71 11 00-2236	EA Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)..... For Owner Furnished Material, Deduct	498.45 -397.11	38.00
08 71 11 00-2237	EA Exit Only, Cover Plate, Pull Trim (Precision 1701)..... For Owner Furnished Material, Deduct	110.28 -69.74	15.20
08 71 11 00-2238	EA Exit Only, Dummy Trim, Pull Trim (Precision 1702A)..... For Owner Furnished Material, Deduct	223.47 -172.79	19.00
08 71 11 00-2239	EA Key Retracts Latchbolt, Pull Trim (Precision 1703A) For Owner Furnished Material, Deduct	243.73 -172.79	25.33
08 71 11 00-2240	EA Key Controls Thumb Piece, Pull Trim (Precision 1705A)..... For Owner Furnished Material, Deduct	343.88 -242.54	38.00
08 71 11 00-2241	EA Thumb Piece Always Active, Pull Trim (Precision 1715A) For Owner Furnished Material, Deduct	343.88 -242.54	38.00
08 71 11 00-2242	Door Closers (08 71 11) Note: Includes standard cover and arm.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2243	EA		Surface Mounted Standard Duty Door Closer (LCN 1460 Series).....	372.53	29.39
			For Delayed Action, Add	12.60	
			For AVB (5 LB Per Push), Add	6.60	
			For Fusible Link Arm, Add	39.60	
			For Shock Absorbing Arm, Add	19.80	
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
			For Parallel Arm, Add	22.40	
08 71 11 00-2244	EA		Surface Mounted Heavy Duty Door Closer - LCN 4040 Series.....	447.45	29.39
			For Delayed Action, Add	12.60	
			For AVB (5 LB Per Push), Add	6.60	
			For Fusible Link Arm, Add	39.60	
			For Shock Absorbing Arm, Add	19.80	
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
08 71 11 00-2245	EA		Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series).....	459.36	29.39
			For Delayed Action, Add	12.60	
			For AVB (5 LB Per Push), Add	6.60	
			For Fusible Link Arm, Add	39.60	
			For Shock Absorbing Arm, Add	19.80	
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
			For Spring Cush Arm, Add	67.20	
			For Parallel Arm And PA Shoe, Add	22.40	
			For Stainless Steel Finish, Add	145.00	
08 71 11 00-2246	EA		Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	474.27	29.39
			For Delayed Action, Add	12.60	
			For AVB (5 LB Per Push), Add	6.60	
			For Fusible Link Arm, Add	39.60	
			For Shock Absorbing Arm, Add	19.80	
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
08 71 11 00-2247	EA		Surface Mounted Standard Duty Door Closer (Norton 8301)	316.42	29.39
			For Parallel Arm, Add	22.40	
08 71 11 00-2248	EA		Surface Mounted Standard Duty Door Closer (Norton 8501)	318.93	29.39
			For Parallel Arm, Add	22.40	
08 71 11 00-2249			Concealed Door Closers (08 71 11)		
08 71 11 00-2250	EA		Non Hold Open, Floor Concealed Door Closer (Rixson 27/28).....	1,055.01	87.16
08 71 11 00-2251	EA		Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27).....	1,125.23	87.16
08 71 11 00-2252	EA		Concealed (In Door) Overhead Door Closer (LCN 3130)	528.69	35.47
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
08 71 11 00-2253	EA		Concealed (In Frame) Overhead Door Closer (LCN 5010).....	569.77	35.47
			For Delayed Action, Add	12.60	
			For Hold Open Arm, Add	13.80	
			For Plated Brass Finish, Add	101.40	
			For Plated Finish With Clear Coat, Add	127.20	
08 71 11 00-2254			Locks And Latches (08 71 11)		
			Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.		
08 71 11 00-2255			Locksmith Services (08 71 11 00-2254)		
08 71 11 00-2256	EA		Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	1.12	
			For >50, Deduct	-0.22	
08 71 11 00-2257	EA		Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	121.67	
			For >5, Deduct	-12.17	
08 71 11 00-2258	EA		Removal And Replacement Of Cylinder With Owner Supplied Cylinder.....	121.67	
			For >5, Deduct	-12.17	
08 71 11 00-2259	EA		Removal And Replacement Of Cylinder With New Cylinder	133.63	
			Note: Excludes core.		
			For >5, Deduct	-12.17	
08 71 11 00-2260	EA		Open Locked Doors.....	121.67	
08 71 11 00-2261	EA		Install Owner Furnished Cores And Cylinders.....	51.02	
08 71 11 00-2262			Mortise Locksets And Latchsets (08 71 11 00-2254)		
			Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2263	EA		Passage/Closet F01 Mortise Latchset	585.13	25.33
			Note: Both sides always unlocked.		
			For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	15.97	
			For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	14.51	
			For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	24.19	
			For Satin Stainless Steel US32D (BHMA 630) Finish, Add	170.78	
08 71 11 00-2264	EA		Bath/Bedroom Privacy F02/F19 Mortise Lockset.....	692.63	25.33
			Note: Locked with thumb knob inside.		
			For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	19.51	
			For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	17.74	
			For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	29.56	
			For Satin Stainless Steel US32D (BHMA 630) Finish, Add	208.73	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2265	EA		Entrance/Office F04 Mortise Lockset..... Note: Locked with key outside and thumb knob inside. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add	768.66 22.02 20.02 33.37 235.56	25.33
08 71 11 00-2266	EA		Classroom F05 Mortise Lockset..... Note: Locked with key outside. Inside always unlocked. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Security Function (Double Cylinder) With Visual Indicator, Add	718.72 20.37 18.52 30.87 217.94 45.44	25.33
08 71 11 00-2267	EA		Storeroom/Closet F07 Mortise Lockset..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add	718.72 20.37 18.52 30.87 217.94	25.33
08 71 11 00-2268	EA		Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add	800.50 23.07 20.97 34.96 246.80	25.33
08 71 11 00-2269	EA		Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside. For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add	691.88 19.49 17.72 29.53 208.46	25.33
08 71 11 00-2270			Locks And Latches (08 71 11 00-2254)		
08 71 11 00-2271			Preassembled Locks And Latches (08 71 11 00-2270) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2272	EA		Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)..... Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,053.28 29.32 48.86 344.98 181.77 -380.16	25.33
08 71 11 00-2273	EA		Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,138.72 31.88 53.14 375.14 197.66 -413.39	25.33
08 71 11 00-2274	EA		Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261) Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,291.92 36.48 60.80 429.22 226.16 -472.99	25.33
08 71 11 00-2275	EA		Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)..... Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,291.92 36.48 60.80 429.22 226.16 -472.99	25.33
08 71 11 00-2276	EA		Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257) Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct	1,291.92 36.48 60.80 429.22 226.16 -472.99	25.33
08 71 11 00-2277			Bored Locks And Latches (08 71 11 00-2270) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2278	EA		Passage/Closet F75 Bored Latchset..... Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	212.96 3.35 5.58 39.40 20.76 -5.58 2.23 9.45	25.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2279	EA		Bath/Bedroom Privacy F76 Bored Lockset Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	239.57 4.15 6.91 48.80 25.71 -6.91 2.76 9.45	25.33
08 71 11 00-2280	EA		Entrance/Office F82 Bored Lockset Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	261.03 4.79 7.98 56.37 29.70 -7.98 3.19 9.45	25.33
08 71 11 00-2281	EA		Classroom F84 Bored Lockset..... Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	261.03 4.79 7.98 56.37 29.70 -7.98 3.19 9.45	25.33
08 71 11 00-2282	EA		Storeroom/Closet F86 Bored Lockset..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	261.03 4.79 7.98 56.37 29.70 -7.98 3.19 9.45	25.33
08 71 11 00-2283	EA		Corridor/Dormitory F90 Bored Lockset Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	261.03 4.79 7.98 56.37 29.70 -7.98 3.19 9.45	25.33
08 71 11 00-2284			Hospital Locksets (08 71 11 00-2270) Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.		
08 71 11 00-2285	EA		Push/Pull Hospital Latch (Glynn Johnson HL6) For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Bright Chrome Plated US26 (BHMA 625) Finish, Add	382.03 65.33 65.33 44.59 39.41 60.15	25.33
08 71 11 00-2286	EA		Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8)..... For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Bright Chrome Plated US26 (BHMA 625) Finish, Add	429.04 65.33 65.33 44.59 39.41 60.15	25.33
08 71 11 00-2287			Other Locks (08 71 11 00-2254) Note: BHMA A156.5.		
08 71 11 00-2288	EA		Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	734.21	131.75
08 71 11 00-2289	EA		Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,620.06	263.49
08 71 11 00-2290			Pushbutton Combination Locks (08 71 11 00-2254)		
08 71 11 00-2291			Mechanical Pushbutton Combination Locks (08 71 11 00-2290) Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2292			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series) (08 71 11 00-2291) Note: Satin chrome or antique brass finish.		
08 71 11 00-2293	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	551.99	63.79
08 71 11 00-2294	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series).....	586.91	63.79
08 71 11 00-2295	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	600.88	63.79

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2296	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series).....	635.80	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2297	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series).....	611.35	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2298	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series).....	646.28	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2299	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series).....	660.25	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2300	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series).....	695.17	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2301			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series) <small>(08 71 11 00-2291)</small> Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2302	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	602.97	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2303	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	630.91	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2304	EA		Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	686.79	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2305	EA		Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	707.74	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2306	EA		Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	707.74	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2307	EA		Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	672.82	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2308			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series) <small>(08 71 11 00-2291)</small> Note: Satin chrome or antique brass finish.		
08 71 11 00-2309	EA		Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	712.63	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2310	EA		Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	733.59	63.79
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 11 00-2311			Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470) <small>(08 71 11 00-2291)</small> Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2312	EA		Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	351.53	63.79
08 71 11 00-2313	EA		Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	443.72	63.79
08 71 11 00-2314			Electrical Pushbutton Combination Locks <small>(08 71 11 00-2290)</small> Note: Privacy option limits access to privileged users (master codes).		
08 71 11 00-2315			Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) <small>(08 71 11 00-2314)</small> Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2316	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	569.45	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2317	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	653.26	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2318	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	674.22	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2319	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	639.29	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2320	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	604.37	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2321	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	674.22	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2322	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	688.19	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2323	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	709.14	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2324	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	674.22	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2325			Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) (08 71 11 00-2314)		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2326	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	709.14	63.79
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2327	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	709.14	63.79
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2328			Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) (08 71 11 00-2314)		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2329	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	817.40	63.79
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2330	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	817.40	63.79
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2331			Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) (08 71 11 00-2314)		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2332	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	873.28	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2333	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	943.12	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2334	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	957.09	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2335	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	978.05	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2336	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	943.12	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		
08 71 11 00-2337			Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) (08 71 11 00-2314)		
			Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2338	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,205.05	63.79
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	94.27	
			Note: Excludes momentary contact switch.		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2339	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Remote Unlock, Add</i> <i>Note: Excludes momentary contact switch.</i>	1,274.89 17.50 70.00 94.27	63.79
08 71 11 00-2340	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Remote Unlock, Add</i> <i>Note: Excludes momentary contact switch.</i>	1,288.86 17.50 70.00 94.27	63.79
08 71 11 00-2341	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Remote Unlock, Add</i> <i>Note: Excludes momentary contact switch.</i>	1,309.81 17.50 70.00 94.27	63.79
08 71 11 00-2342	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Remote Unlock, Add</i> <i>Note: Excludes momentary contact switch.</i>	1,274.89 17.50 70.00 94.27	63.79
08 71 11 00-2343			Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) (08 71 11 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2344	EA		Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series) <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	1,680.00 70.00 35.00	63.79
08 71 11 00-2345			Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) (08 71 11 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2346	EA		Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series) <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i>	1,082.82 17.50 70.00	63.79
08 71 11 00-2347			Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) (08 71 11 00-2314)		
08 71 11 00-2348	EA		Standard Software Implementation Kit (Kaba® E-Plex®)	553.35	
08 71 11 00-2349	EA		Enterprise Software Implementation Kit (Kaba® E-Plex®)	693.04	
08 71 11 00-2350	EA		E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	902.58	
08 71 11 00-2351	EA		USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	280.17	
08 71 11 00-2352	EA		High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) Note: Includes 4 C-cell battery pack.	84.18	
08 71 11 00-2353	EA		12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	98.85	
08 71 11 00-2354			Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) (08 71 11 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2355	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	691.68 17.50 -436.54	63.79
08 71 11 00-2356	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	775.49 17.50 -520.35	63.79
08 71 11 00-2357	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	796.45 17.50 -541.31	63.79
08 71 11 00-2358	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	761.52 17.50 -506.38	63.79
08 71 11 00-2359	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	726.60 17.50 -471.46	63.79
08 71 11 00-2360	EA		Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	796.45 17.50 -541.31	63.79
08 71 11 00-2361	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) <i>For Satin Brass Finish, Add</i> <i>For Owner Furnished Material, Deduct</i>	810.42 17.50 -555.28	63.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2362	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	831.37	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-576.23	
08 71 11 00-2363	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	796.45	63.79
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-541.31	
08 71 11 00-2364			Electrical Pushbutton Combination Locks (Schlage) <small>(08 71 11 00-2314)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2365	EA		Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	677.55	63.34
			<i>For Owner Furnished Material, Deduct</i>	-424.19	
08 71 11 00-2366	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	772.77	63.34
			<i>For Owner Furnished Material, Deduct</i>	-519.41	
08 71 11 00-2367	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	862.43	63.34
			<i>For Owner Furnished Material, Deduct</i>	-609.07	
08 71 11 00-2368	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,103.59	63.34
			<i>For Owner Furnished Material, Deduct</i>	-850.23	
08 71 11 00-2369	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,199.44	63.34
			<i>For Owner Furnished Material, Deduct</i>	-946.08	
08 71 11 00-2370	EA		Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	1,311.98	63.34
			<i>For Owner Furnished Material, Deduct</i>	-1,058.62	
08 71 11 00-2371	EA		Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,211.80	63.34
			<i>For Owner Furnished Material, Deduct</i>	-958.44	
08 71 11 00-2372			Residential Locks And Latchsets <small>(08 71 11 00-2254)</small>		
08 71 11 00-2373	EA		Residential Entry Lockset With Knobs (Master Keyed)	70.53	15.31
08 71 11 00-2374	EA		Residential Privacy Lockset With Knobs	69.48	15.31
08 71 11 00-2375	EA		Residential Passage Lockset With Knobs	69.34	15.31
08 71 11 00-2376	EA		Residential Dummy Lockset With Knobs	55.83	12.76
08 71 11 00-2377	EA		Residential Entry Lockset With Levers (Master Keyed)	77.75	15.31
08 71 11 00-2378	EA		Residential Privacy Lockset With Levers	75.35	15.31
08 71 11 00-2379	EA		Residential Passage Lockset With Levers	73.61	15.31
08 71 11 00-2380	EA		Residential Dummy Lockset With Levers	56.65	12.76
08 71 11 00-2381	EA		Screen Door - Closer	40.13	11.02
08 71 11 00-2382	EA		Screen Door - Locking Handle	46.48	15.82
08 71 11 00-2383			Deadbolts <small>(08 71 11 00-2254)</small>		
08 71 11 00-2384			Cylindrical Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2383)</small>		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2385	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side	142.15	25.33
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2386	EA		Double Cylinder Deadbolt, Key Both Sides	158.31	25.33
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2387			Cylindrical Deadbolts, Grade 2, ANSI 156.5 <small>(08 71 11 00-2383)</small>		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2388	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side	131.07	25.33
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2389	EA		Double Cylinder Deadbolt, Key Both Sides	148.73	25.33
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2390			Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2383)</small>		
			Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2391	EA		Small Case Mortised Deadbolt, Key One Side, Knob One Side	182.76	25.33
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2392	EA		Small Case Mortised Deadbolt, Key Both Sides	197.73	25.33
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2393	EA		Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	179.77	25.33
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2394			Mortised Deadbolts, Grade 1, ANSI 156.5 <small>(08 71 11 00-2383)</small>		
			Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2395	EA		Mortised Deadbolt, Key One Side, Knob One Side	223.47	25.33
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2396	EA		Mortised Deadbolt, Key Both Sides	248.02	25.33
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2397	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	202.52	25.33
08 71 11 00-2398		Surface Mounted Deadbolts (08 71 11 00-2383)		
08 71 11 00-2399	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	106.95	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2400	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	117.77	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2401	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	126.37	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2402	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	137.19	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2403		Surface Mounted Deadlatches (08 71 11 00-2254)		
08 71 11 00-2404	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	107.80	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2405	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	126.41	25.33
		<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2406		Electric Strikes (08 71 11 00-2254)		
08 71 11 00-2407	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	257.67	50.68
08 71 11 00-2408	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111)	683.62	50.68
		Note: For rim mounted lock		
08 71 11 00-2409	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112)	654.80	50.68
		Note: For rim mounted lock		
08 71 11 00-2410	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211)	513.18	50.68
		Note: For mortise or cylindrical locks		
08 71 11 00-2411	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212)	686.69	50.68
		Note: For mortise or cylindrical locks		
08 71 11 00-2412	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213)	674.19	50.68
		Note: For mortise or cylindrical locks		
08 71 11 00-2413	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214)	731.88	50.68
		Note: For mortise or cylindrical locks		
08 71 11 00-2414	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215)	684.14	50.68
		Note: For mortise or cylindrical locks		
08 71 11 00-2415	EA	12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006)	434.30	50.68
08 71 11 00-2416	EA	12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	431.97	50.68
08 71 11 00-2417	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	231.04	50.68
08 71 11 00-2418	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	231.04	50.68
08 71 11 00-2419	EA	12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	285.62	50.68
08 71 11 00-2420	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	478.64	50.68
08 71 11 00-2421	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	256.32	50.68
08 71 11 00-2422	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	442.99	50.68
08 71 11 00-2423	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Concealed Electric Strike (HES 8500)	395.93	50.68
08 71 11 00-2424	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	475.30	66.89
08 71 11 00-2425	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	533.98	66.89
08 71 11 00-2426	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	475.61	66.89
08 71 11 00-2427		Electric Hardware (08 71 11 00-2254)		
08 71 11 00-2428	EA	Electrified Cylindrical Lock Option	135.11	
		Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.		
08 71 11 00-2429	EA	Electrified Mortise Lock Option	154.72	
		Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.		
08 71 11 00-2430	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	87.74	25.33
08 71 11 00-2431	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	255.10	25.33
08 71 11 00-2432	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	430.73	25.33
08 71 11 00-2433	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	650.69	25.33
08 71 11 00-2434	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	718.02	25.33
08 71 11 00-2435	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	854.42	25.33
08 71 11 00-2436	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,032.60	25.33
08 71 11 00-2437	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	76.32	25.33
08 71 11 00-2438	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	77.67	25.33
08 71 11 00-2439	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	85.93	25.33
08 71 11 00-2440	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	87.57	25.33
08 71 11 00-2441	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	88.41	25.33
08 71 11 00-2442	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	93.15	25.33
08 71 11 00-2443	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	77.18	25.33
08 71 11 00-2444	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	83.80	25.33
08 71 11 00-2445	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	89.05	25.33
08 71 11 00-2446	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	98.11	25.33
08 71 11 00-2447	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	100.63	25.33
08 71 11 00-2448	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	85.46	25.33

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2449	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	94.73	25.33
08 71 11 00-2450	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	63.43	25.33
08 71 11 00-2451	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	70.60	25.33
08 71 11 00-2452	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	74.40	25.33
08 71 11 00-2453	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	78.46	25.33
08 71 11 00-2454	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	99.59	25.33
08 71 11 00-2455	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	108.41	25.33
08 71 11 00-2456	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	66.36	25.33
08 71 11 00-2457	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	69.13	25.33
08 71 11 00-2458	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	77.36	25.33
08 71 11 00-2459	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	90.47	25.33
08 71 11 00-2460	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	102.20	25.33
08 71 11 00-2461	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	121.45	25.33
08 71 11 00-2462	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	70.97	25.33
08 71 11 00-2463	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	75.21	25.33
08 71 11 00-2464	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	442.57	25.33
08 71 11 00-2465	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	485.95	35.47
08 71 11 00-2466	EA	Electrified Lock; Schlage L9080.....	850.30	

Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.

08 71 11 00-2467 Magnetic Locks (08 71 11 00-2254)

08 71 11 00-2468	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40).....	567.06	121.62
08 71 11 00-2469	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ).....	676.41	136.82
08 71 11 00-2470	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70).....	654.24	121.62
08 71 11 00-2471	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ).....	763.41	136.82
08 71 11 00-2472	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420).....	686.67	131.75
08 71 11 00-2473	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450).....	746.46	131.75
08 71 11 00-2474	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490).....	793.00	131.75
08 71 11 00-2475	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P).....	874.37	152.02
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2476	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P).....	953.85	152.02
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2477	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P).....	989.65	152.02
Note: Includes magnetic bond sensor, door position switch and relock time delay.				
08 71 11 00-2478	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902).....	298.70	50.68
08 71 11 00-2479	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904).....	477.26	50.68
08 71 11 00-2480	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906).....	570.06	50.68

08 71 11 00-2481 Interchangeable Core (08 71 11 00-2254)

08 71 11 00-2482	EA	Interchangeable Core; Primus D Series.....	161.83	25.33
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08 71 11 00-2483 Door Coordinators (08 71 11)

08 71 11 00-2484	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series).....	341.93	31.67
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i> -86.10				
08 71 11 00-2485	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series).....	358.75	32.93
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i> -90.80				
08 71 11 00-2486	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series).....	367.78	34.20
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i> -92.38				
08 71 11 00-2487	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series).....	383.56	35.47
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i> -96.67				
08 71 11 00-2488	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series).....	409.87	36.73
Note: Satin chrome finish. Includes two mounting brackets.				
<i>For Anodized Aluminum Finish, Deduct</i> -105.17				
08 71 11 00-2489	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20").....	83.28	10.13
<i>For Anodized Aluminum Finish, Deduct</i> -17.10				
08 71 11 00-2490	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32").....	91.98	11.40
<i>For Anodized Aluminum Finish, Deduct</i> -18.55				
08 71 11 00-2491	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44").....	105.23	12.67
<i>For Anodized Aluminum Finish, Deduct</i> -21.82				
08 71 11 00-2492	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1).....	81.07	12.67
08 71 11 00-2493	EA	7" Projection COR Series Gravity Type Door Coordinator.....	120.09	19.00
<i>For Anodized Aluminum Finish, Deduct</i> -17.63				
08 71 11 00-2494	EA	9" Projection COR Series Gravity Type Door Coordinator.....	127.15	19.00
<i>For Anodized Aluminum Finish, Deduct</i> -20.46				

08 71 11 00-2495 Removal And Reinstallation Of Door Hardware (08 71 11)

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.				
08 71 11 00-2496	EA	Removal And Reinstallation Of Door Lockset, Entrance.....	76.01	
08 71 11 00-2497	EA	Removal And Reinstallation Of Door Lockset, Mortise.....	121.61	
08 71 11 00-2498	EA	Removal And Reinstallation Of Deadbolt Lock.....	81.08	
08 71 11 00-2499	PR	Removal And Reinstallation Of Butts/Hinges.....	20.27	
08 71 11 00-2500	EA	Removal And Reinstallation Of Door Bumper.....	7.10	
08 71 11 00-2501	EA	Removal And Reinstallation Of Surface Mounted Panic Device.....	202.69	
08 71 11 00-2502	EA	Removal And Reinstallation Of Kick Plate.....	25.33	
08 71 11 00-2503	EA	Removal And Reinstallation Of Push Plate.....	20.27	
08 71 11 00-2504	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder.....	101.34	
08 71 11 00-2505	EA	Removal And Reinstallation Of Door Handles.....	15.21	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2506		Electromagnetic Door Release <small>(08 71 11)</small>			
08 71 11 00-2507	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	437.86	63.85	
08 71 11 00-2508	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release.....	429.08	63.85	
08 71 11 00-2509	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	473.30	63.85	
08 71 11 00-2510	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	734.30	63.85	
08 71 11 00-2511	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	711.02	63.85	
08 71 11 00-2512	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	711.02	63.85	
08 71 11 00-2513	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	654.10	63.85	
08 71 11 00-2514	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	798.02	63.85	
08 71 11 00-2515	EA	Photo Electric Smoke Detector Suitable For Door Holder Release.....	774.78	63.85	
08 71 11 00-2516	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	936.68	63.85	
08 71 11 00-2517	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560).....	481.71	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			
08 71 11 00-2518	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561)	474.91	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			
08 71 11 00-2519	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820).....	687.58	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			
08 71 11 00-2520	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830).....	503.46	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			
08 71 11 00-2521	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840)	503.46	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			
08 71 11 00-2522	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850).....	503.46	63.85	
		Note: 120 volt AC, 24 volt AC/DC, 12 volt DC			

08 71 13 Automatic Door Operators (08 71)

08 71 13 00-0001		Automatic Door Operators (LCN) <small>(08 71 13)</small>			
08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531).....	2,425.35		
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.			
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542).....	2,425.35		
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.			
08 71 13 00-0004		Miscellaneous Devices <small>(08 71 13)</small>			
08 71 13 00-0005	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	351.40	38.00	
08 71 13 00-0006	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	111.46	22.80	
08 71 13 00-0007	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	137.81	22.80	
08 71 13 00-0008	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S).....	83.50	22.80	

08 71 53 Security Door Hardware (08 71)

08 71 53 00-0001		Door Exit Alarm Hardware <small>(08 71 53)</small>			
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	246.82	38.00	
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W).....	333.15	38.00	
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)	283.69	38.00	
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.			
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W).....	360.04	38.00	
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.			
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	422.03	50.68	
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S)	76.54	50.68	
		Note: For use with Detex EAX exit alarms.			

08 72 Weatherstripping, Thresholds And Seals (08 70)**08 72 33 Weatherstripping And Seals (08 72)**

08 72 33 00-0001		Weather-Stripping And Seals <small>(08 72 33)</small>			
08 72 33 00-0002		Astragals <small>(08 72 33 00-0001)</small> Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.			
08 72 33 00-0003		Adhesive Backed Astragals <small>(08 72 33 00-0002)</small>			
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	3.89	0.76	
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772).....	4.31	0.76	
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.35	0.76	
08 72 33 00-0007		Overlapping Astragals <small>(08 72 33 00-0002)</small>			
08 72 33 00-0008		Aluminum, Overlapping Astragals <small>(08 72 33 00-0007)</small>			
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	15.99	4.56	
		For Color Anodized Finish, Add	2.09		
08 72 33 00-0010		Stainless Steel, Overlapping Astragals <small>(08 72 33 00-0007)</small>			

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0011	LF			2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS).....	30.88	4.56
08 72 33 00-0012				"T" Astragals (08 72 33 00-0002)		
08 72 33 00-0013				Aluminum, "T" Astragals (08 72 33 00-0012)		
08 72 33 00-0014	LF			1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A).....	10.89	4.56
				<i>For Color Anodized Finish, Add</i>	0.66	
08 72 33 00-0015	LF			Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV).....	13.34	4.56
				<i>For Color Anodized Finish, Add</i>	0.87	
08 72 33 00-0016	LF			Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	13.72	4.56
				<i>For Color Anodized Finish, Add</i>	1.65	
				<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0017	LF			Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR).....	24.21	4.56
				<i>For Color Anodized Finish, Add</i>	5.32	
08 72 33 00-0018				Brass/Bronze, "T" Astragals (08 72 33 00-0012)		
08 72 33 00-0019	LF			Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	57.45	4.56
				<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0020				Locking Astragals (08 72 33 00-0002)		
08 72 33 00-0021				Outswing Locking Astragals (08 72 33 00-0020)		
				Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0022				Aluminum, Outswing Locking Astragals (08 72 33 00-0021)		
08 72 33 00-0023	LF			Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS).....	31.93	4.56
				Note: Includes pile seal at inner door edge and neoprene bottom seal.		
				<i>For Color Anodized Finish, Add</i>	4.58	
08 72 33 00-0024	LF			Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS).....	36.85	4.56
				Note: Includes pile seal at inner door edge and neoprene bottom seal.		
				<i>For Color Anodized Finish, Add</i>	5.57	
08 72 33 00-0025	LF			Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ).....	35.66	4.56
				Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
				<i>For Thermal Break, Add</i>	1.60	
08 72 33 00-0026	LF			Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ).....	39.65	4.56
				Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
				<i>For Thermal Break, Add</i>	1.84	
08 72 33 00-0027				Inswing Locking Astragals (08 72 33 00-0020)		
				Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0028				Wood, Inswing Locking Astragals (08 72 33 00-0027)		
08 72 33 00-0029	LF			Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832).....	37.15	4.56
08 72 33 00-0030	LF			Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q).....	36.97	4.56
				Note: Includes kerf-in foam seal.		
08 72 33 00-0031				Aluminum, Inswing Locking Astragals (08 72 33 00-0027)		
08 72 33 00-0032	LF			Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV).....	21.63	4.56
				Note: Includes pile seal at inner door edge and neoprene bottom seal.		
				<i>For Silicone Insert, Add</i>	0.63	
				<i>For Color Anodized Finish, Add</i>	2.52	
08 72 33 00-0033	LF			Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV).....	25.74	4.56
				Note: Includes pile seal at inner door edge and neoprene bottom seal.		
				<i>For Silicone Insert, Add</i>	0.63	
				<i>For Color Anodized Finish, Add</i>	3.35	
08 72 33 00-0034	LF			Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ).....	23.19	4.56
				Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
				<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
				<i>For Color Anodized Finish, Add</i>	2.84	
08 72 33 00-0035	LF			Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ).....	27.26	4.56
				Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
				<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
				<i>For Color Anodized Finish, Add</i>	3.65	
08 72 33 00-0036				Security Astragals (08 72 33 00-0002)		
08 72 33 00-0037	LF			Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C).....	20.27	4.56
				<i>For Color Anodized Finish, Add</i>	11.26	
08 72 33 00-0038	LF			2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP).....	33.19	4.56
08 72 33 00-0039				Meeting Stile Astragals (08 72 33 00-0002)		
08 72 33 00-0040				One Piece, Meeting Stile Astragals (08 72 33 00-0039)		
				Note: Includes an astragal for one door only.		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP).....	13.20		4.56
		<i>For Color Anodized Finish, Add</i>	1.26		
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN).....	20.51		6.78
		<i>For Color Anodized Finish, Add</i>	2.79		
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN).....	26.58		6.78
		<i>For Color Anodized Finish, Add</i>	1.31		
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	27.36		6.78
		<i>For Color Anodized Finish, Add</i>	3.46		
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	35.38		6.78
08 72 33 00-0046		Two Piece, Meeting Stile Split Astragals (08 72 33 00-0039)			
		Note: Includes one astragal for each door.			
08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	16.74		6.78
		<i>For Silicone Insert, Add</i>	0.95		
		<i>For Color Anodized Finish, Add</i>	3.21		
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV).....	16.74		6.78
		<i>For Color Anodized Finish, Add</i>	3.21		
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV).....	16.74		6.78
		<i>For Silicone Insert, Add</i>	0.95		
		<i>For Color Anodized Finish, Add</i>	3.21		
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN).....	25.26		6.78
		<i>For Silicone Insert, Add</i>	0.63		
		<i>For Color Anodized Finish, Add</i>	2.35		
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB).....	21.07		6.78
		<i>For Color Anodized Finish, Add</i>	3.02		
08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB).....	21.63		6.78
		<i>For Color Anodized Finish, Add</i>	3.24		
08 72 33 00-0053	LF	3/8" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV).....	25.82		6.78
		<i>For Color Anodized Finish, Add</i>	6.15		
		<i>For Silicone Insert, Add</i>	0.95		
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB).....	26.37		6.78
		<i>For Color Anodized Finish, Add</i>	5.14		
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB).....	26.93		6.78
		<i>For Color Anodized Finish, Add</i>	5.36		
08 72 33 00-0056		Two Piece, Adjustable Meeting Stile Split Astragals (08 72 33 00-0039)			
		Note: Includes one astragal for each door.			
08 72 33 00-0057		Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0056)			
08 72 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	46.76		6.78
		<i>For Color Anodized Finish, Add</i>	8.31		
		<i>For Silicone Insert, Add</i>	0.63		
08 72 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	47.63		6.78
		<i>For Silicone Insert, Add</i>	0.63		
		<i>For Color Anodized Finish, Add</i>	6.82		
08 72 33 00-0060		Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0056)			
08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	177.58		6.78
		<i>For Silicone Insert, Add</i>	0.63		
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP).....	166.11		6.78
		<i>For Silicone Insert, Add</i>	0.63		
08 72 33 00-0063		Door Sweeps (08 72 33 00-0001)			
08 72 33 00-0064		Tack On Door Sweeps (08 72 33 00-0063)			
08 72 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	6.04		2.53
08 72 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	6.13		2.53
08 72 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V).....	6.37		2.53
08 72 33 00-0068		Aluminum Retainer Door Sweeps (08 72 33 00-0063)			
08 72 33 00-0069		35 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068)			
		Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.			
08 72 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	14.18		5.06
		<i>For Color Anodized Finish, Add</i>	1.62		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0071	LF	1/2"	Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB) <i>For Color Anodized Finish, Add</i>	14.60 1.56	5.06
08 72 33 00-0072			45 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068) Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF	1-3/4"	Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB) <i>For Color Anodized Finish, Add</i>	21.30 4.47	5.06
08 72 33 00-0074	LF	2-1/2"	Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB) <i>For Color Anodized Finish, Add</i>	22.97 5.14	5.06
08 72 33 00-0075	LF	4"	Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB) <i>For Color Anodized Finish, Add</i>	26.60 6.59	5.06
08 72 33 00-0076			90 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0077	LF	3/8"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB) <i>For Color Anodized Finish, Add</i>	15.57 0.54	5.06
08 72 33 00-0078	LF	5/8"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB) <i>For Color Anodized Finish, Add</i>	15.43 0.53	5.06
08 72 33 00-0079	LF	1"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB) <i>For Color Anodized Finish, Add</i>	16.41 2.20	5.06
08 72 33 00-0080	LF	1-3/8"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB) <i>For Color Anodized Finish, Add</i>	16.83 2.68	5.06
08 72 33 00-0081	LF	7/16"	Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)..... <i>For Color Anodized Finish, Add</i>	15.16 1.26	5.06
08 72 33 00-0082	LF	11/16"	Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)..... <i>For Color Anodized Finish, Add</i>	19.06 1.79	5.06
08 72 33 00-0083	LF	15/16"	Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)..... <i>For Color Anodized Finish, Add</i>	15.99 1.17	5.06
08 72 33 00-0084	LF	9/16"	Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV)..... Note: Includes mill finish. <i>For Color Anodized Finish, Add</i>	12.33 1.10	5.06
08 72 33 00-0085	LF	1"	Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV)..... Note: Includes mill finish. <i>For Color Anodized Finish, Add</i>	12.43 1.15	5.06
08 72 33 00-0086	LF	1-9/16"	Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV)..... Note: Includes mill finish. <i>For Color Anodized Finish, Add</i>	13.62 1.22	5.06
08 72 33 00-0087			180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0068) Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088			180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0087)		
08 72 33 00-0089	LF	3/8"	Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB) <i>For Color Anodized Finish, Add</i>	13.90 1.51	5.06
08 72 33 00-0090	LF	5/8"	Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB) <i>For Color Anodized Finish, Add</i>	14.18 1.62	5.06
08 72 33 00-0091	LF	1"	Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB) <i>For Color Anodized Finish, Add</i>	16.41 2.20	5.06
08 72 33 00-0092			180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps (08 72 33 00-0087)		
08 72 33 00-0093	LF	3/8"	Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB) <i>For Color Anodized Finish, Add</i>	16.55 2.57	5.06
08 72 33 00-0094	LF	5/8"	Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB) <i>For Color Anodized Finish, Add</i>	16.83 2.68	5.06
08 72 33 00-0095	LF	1"	Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB) <i>For Color Anodized Finish, Add</i>	18.01 3.15	5.06
08 72 33 00-0096			Mortised, Aluminum Retainer Door Sweeps (08 72 33 00-0068) Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF	1/4"	Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB).....	12.64	5.06
08 72 33 00-0098	LF	13/32"	Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB).....	12.64	5.06
08 72 33 00-0099	LF	5/8"	Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB).....	12.78	5.06
08 72 33 00-0100			Aluminum Retainer Door Sweeps With Rain Drip (08 72 33 00-0063)		
08 72 33 00-0101			90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (08 72 33 00-0100) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF	1/4"	Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)..... <i>For Color Anodized Finish, Add</i>	12.36 1.56	5.06
08 72 33 00-0103	LF	1/2"	Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)..... <i>For Color Anodized Finish, Add</i>	14.18 1.62	5.06
08 72 33 00-0104	LF	3/8"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)..... Note: Includes clear anodized finish. <i>For Color Anodized Finish, Add</i>	15.54 1.08	5.06
08 72 33 00-0105	LF	7/16"	Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)..... <i>For Color Anodized Finish, Add</i>	15.78 1.13	5.06

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 72 33 00-0106	Brass/Bronze Retainer Door Sweeps (08 72 33 00-0063)		
08 72 33 00-0107	90 Degree, Brass/Bronze Retainer Door Sweeps (08 72 33 00-0106)		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	18.51	5.06
08 72 33 00-0109	Oak Retainer Door Sweeps (08 72 33 00-0063)		
08 72 33 00-0110	90 Degree, Oak Retainer Door Sweeps (08 72 33 00-0109)		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	15.30	5.06
08 72 33 00-0112	LF 15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	17.50	5.06
08 72 33 00-0113	Door Shoes And Bottoms (08 72 33 00-0001)		
08 72 33 00-0114	Door Shoes (08 72 33 00-0113)		
08 72 33 00-0115	Aluminum Retainer Door Shoes (08 72 33 00-0114)		
08 72 33 00-0116	Bottom Mount, Aluminum Retainer Door Shoes (08 72 33 00-0115)		
08 72 33 00-0117	LF Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	13.48	5.06
	For Color Anodized Finish, Add	1.34	
	For Thermo-Plastic Elastomer Insert, Add	0.68	
08 72 33 00-0118	LF Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	13.90	5.06
	For Color Anodized Finish, Add	1.51	
08 72 33 00-0119	LF Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	17.95	5.06
	For Color Anodized Finish, Add	1.56	
08 72 33 00-0120	Side Mount, Aluminum Retainer Door Shoes (08 72 33 00-0115)		
08 72 33 00-0121	LF Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	15.30	5.06
	For Color Anodized Finish, Add	2.07	
	For Thermo-Plastic Elastomer Insert, Add	0.68	
08 72 33 00-0122	L Or U Shaped, Aluminum Retainer Door Shoes (08 72 33 00-0115)		
08 72 33 00-0123	LF Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	14.18	5.06
	For Color Anodized Finish, Add	2.03	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0124	LF Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	15.02	5.06
	For Color Anodized Finish, Add	1.96	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0125	LF Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	15.30	5.06
	For Color Anodized Finish, Add	2.07	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0126	LF Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	20.97	5.06
	For Color Anodized Finish, Add	2.17	
08 72 33 00-0127	LF Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	21.25	5.06
	For Color Anodized Finish, Add	2.22	
08 72 33 00-0128	L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes (08 72 33 00-0115)		
08 72 33 00-0129	LF Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	14.46	5.06
	For Color Anodized Finish, Add	2.17	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0130	LF Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	15.30	5.06
	For Color Anodized Finish, Add	2.07	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0131	LF Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	15.43	5.06
	For Color Anodized Finish, Add	2.12	
	For Thermo-Plastic Elastomer Insert, Add	0.42	
08 72 33 00-0132	Vinyl Door Shoes (08 72 33 00-0114)		
08 72 33 00-0133	LF 1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	17.19	5.06
08 72 33 00-0134	LF 1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	20.37	5.06
08 72 33 00-0135	Door Bottoms (08 72 33 00-0113)		
08 72 33 00-0136	Automatic Door Bottoms (08 72 33 00-0135)		
08 72 33 00-0137	Aluminum Automatic Door Bottoms (08 72 33 00-0136)		
08 72 33 00-0138	LF Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	28.51	5.06
	For Color Anodized Finish, Add	3.68	
08 72 33 00-0139	LF Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	40.02	5.06
	For Color Anodized Finish, Add	5.98	
08 72 33 00-0140	Door Top Protection (08 72 33 00-0001)		
08 72 33 00-0141	LF Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	11.16	4.05
	For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	0.84	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 33 00-0142	LF			Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344).....	11.16	4.05
				<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.84	
08 72 33 00-0143	LF			2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	12.78	4.05
				<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	1.28	
08 72 33 00-0144	EA			For 20 Oz Copper Drip Cap For Exterior Door.....	54.16	
08 72 33 00-0145 Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0001)</small>						
Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.						
08 72 33 00-0146 Adhesive Backed Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>						
08 72 33 00-0147	LF			3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.52	2.53
				<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0148	LF			1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.55	2.53
				<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0149	LF			1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88).....	4.30	2.53
08 72 33 00-0150	LF			7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	3.82	2.53
08 72 33 00-0151	LF			5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	4.90	2.53
				<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0152	LF			1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773).....	4.58	2.53
				<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0153	LF			7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	5.92	2.53
08 72 33 00-0154	LF			1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	5.50	2.53
08 72 33 00-0155 Kerf-In Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>						
08 72 33 00-0156	LF			3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50).....	3.18	2.53
08 72 33 00-0157	LF			7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52).....	4.55	2.53
08 72 33 00-0158	LF			3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103).....	3.51	2.53
08 72 33 00-0159	LF			5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102).....	3.47	2.53
08 72 33 00-0160	LF			3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.40	2.53
08 72 33 00-0161 Cushion/Spring Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>						
08 72 33 00-0162 Spring Bronze Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0161)</small>						
08 72 33 00-0163	LF			1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	8.19	2.53
08 72 33 00-0164	LF			1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	8.19	2.53
08 72 33 00-0165	LF			1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	8.82	2.53
08 72 33 00-0166	LF			1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	8.95	2.53
08 72 33 00-0167 Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0161)</small>						
08 72 33 00-0168	LF			5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	7.85	2.53
08 72 33 00-0169	LF			7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	8.82	2.53
08 72 33 00-0170	LF			1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	9.87	2.53
08 72 33 00-0171 Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>						
08 72 33 00-0172 Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0171)</small>						
08 72 33 00-0173	LF			1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	6.67	2.53
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.61	
08 72 33 00-0174	LF			1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	6.67	2.53
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.61	
08 72 33 00-0175	LF			1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	6.67	2.53
				<i>For Silicone Insert, Add</i>	0.95	
				<i>For Color Anodized Finish, Add</i>	1.61	
08 72 33 00-0176	LF			3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN).....	10.92	2.53
				<i>For Silicone Insert, Add</i>	0.63	
				<i>For Color Anodized Finish, Add</i>	1.17	
08 72 33 00-0177	LF			3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV).....	11.20	2.53
				<i>For Color Anodized Finish, Add</i>	3.07	
				<i>For Silicone Insert, Add</i>	0.95	
08 72 33 00-0178	LF			Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR).....	11.20	2.53
				<i>For Color Anodized Finish, Add</i>	2.15	
08 72 33 00-0179 Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0171)</small>						
08 72 33 00-0180 Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0179)</small>						
08 72 33 00-0181	LF			1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	10.71	2.53
				<i>For Silicone Insert, Add</i>	0.95	

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0182			Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0179)</small>		
08 72 33 00-0183	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	11.82	2.53
08 72 33 00-0184			Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>		
08 72 33 00-0185			Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0184)</small>		
08 72 33 00-0186	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	23.86	2.53
			<i>For Silicone Insert, Add</i>	1.58	
08 72 33 00-0187	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	40.71	2.53
08 72 33 00-0188			Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0184)</small>		
08 72 33 00-0189			Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0188)</small>		
08 72 33 00-0190	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	35.11	2.53
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0191			Aluminum Interlock, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>		
08 72 33 00-0192	LF		Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A).....	15.91	5.06
			Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.		
			<i>For Color Anodized Finish, Add</i>	2.31	
08 72 33 00-0193	LF		Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR).....	16.40	5.06
			Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.		
			<i>For Color Anodized Finish, Add</i>	2.51	
08 72 33 00-0194			Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0145)</small>		
			Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	18.82	2.53
			<i>For Color Anodized Finish, Add</i>	2.75	
08 72 33 00-0196	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR).....	19.80	2.53
			<i>For Color Anodized Finish, Add</i>	2.95	
08 72 33 00-0197			Perimeter Gasketing Smoke Seals <small>(08 72 33 00-0001)</small>		
			Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0198	LF		Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	4.24	2.53
08 72 43			Thresholds <small>(08 72)</small>		
08 72 43 00-0001			Thresholds <small>(08 72 43)</small>		
			Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002			Metal Thresholds <small>(08 72 43 00-0001)</small>		
08 72 43 00-0003			Saddle Thresholds <small>(08 72 43 00-0002)</small>		
08 72 43 00-0004			Aluminum Saddle Thresholds <small>(08 72 43 00-0003)</small>		
			Note: Includes mill finish.		
08 72 43 00-0005			3/16" Height, Aluminum Saddle Thresholds <small>(08 72 43 00-0004)</small>		
08 72 43 00-0006	LF		2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	25.56	8.10
			<i>For Color Anodized Finish, Add</i>	2.12	
08 72 43 00-0007			1/4" Height, Aluminum Saddle Thresholds <small>(08 72 43 00-0004)</small>		
08 72 43 00-0008	LF		3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	27.94	8.10
			<i>For Color Anodized Finish, Add</i>	3.07	
08 72 43 00-0009	LF		4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	32.86	10.13
			<i>For Color Anodized Finish, Add</i>	5.28	
08 72 43 00-0010	LF		5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	35.52	10.13
			<i>For Color Anodized Finish, Add</i>	5.10	
08 72 43 00-0011	LF		6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	38.72	10.13
			<i>For Color Anodized Finish, Add</i>	4.69	
08 72 43 00-0012	LF		7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	43.47	10.13
			<i>For Color Anodized Finish, Add</i>	4.54	
08 72 43 00-0013	LF		8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	52.18	12.16
			<i>For Color Anodized Finish, Add</i>	5.45	
08 72 43 00-0014	LF		9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	55.39	12.16
			<i>For Color Anodized Finish, Add</i>	6.25	
08 72 43 00-0015	LF		10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	60.51	12.16
			<i>For Color Anodized Finish, Add</i>	7.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0016			5/16" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0017	LF		2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)..... <i>For Color Anodized Finish, Add</i>	27.53 2.54	8.10
08 72 43 00-0018			1/2" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0019	LF		3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)..... <i>For Color Anodized Finish, Add</i>	27.67 3.70	8.10
08 72 43 00-0020	LF		4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)..... <i>For Color Anodized Finish, Add</i>	33.98 6.06	10.13
08 72 43 00-0021	LF		5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)..... <i>For Color Anodized Finish, Add</i>	36.70 5.69	10.13
08 72 43 00-0022	LF		6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)..... <i>For Color Anodized Finish, Add</i>	39.00 4.79	10.13
08 72 43 00-0023	LF		7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)..... <i>For Color Anodized Finish, Add</i>	43.47 4.54	10.13
08 72 43 00-0024	LF		8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)..... <i>For Color Anodized Finish, Add</i>	53.85 8.21	12.16
08 72 43 00-0025	LF		9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)..... <i>For Color Anodized Finish, Add</i>	56.78 10.55	12.16
08 72 43 00-0026	LF		10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)..... <i>For Color Anodized Finish, Add</i>	59.72 11.73	12.16
08 72 43 00-0027			Brass/Bronze Saddle Thresholds (08 72 43 00-0003)		
08 72 43 00-0028			3/16" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)		
08 72 43 00-0029	LF		2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B).....	71.42	8.10
08 72 43 00-0030			1/4" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)		
08 72 43 00-0031	LF		3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B).....	110.53	8.10
08 72 43 00-0032	LF		4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B).....	133.63	10.13
08 72 43 00-0033	LF		5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B).....	160.70	10.13
08 72 43 00-0034	LF		6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B).....	187.03	10.13
08 72 43 00-0035	LF		7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B).....	217.11	10.13
08 72 43 00-0036	LF		8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B).....	278.60	12.16
08 72 43 00-0037			1/2" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)		
08 72 43 00-0038	LF		4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B).....	145.66	10.13
08 72 43 00-0039	LF		5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B).....	175.75	10.13
08 72 43 00-0040	LF		6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B).....	205.83	10.13
08 72 43 00-0041	LF		7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B).....	243.44	10.13
08 72 43 00-0042	LF		8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B).....	345.04	12.16
08 72 43 00-0043	LF		10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B).....	327.79	12.16
08 72 43 00-0044			Stainless Steel Saddle Thresholds (08 72 43 00-0003)		
08 72 43 00-0045			1/2" Height, Stainless Steel Saddle Thresholds (08 72 43 00-0044)		
08 72 43 00-0046	LF		4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS).....	123.10	10.13
08 72 43 00-0047	LF		5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS).....	130.62	10.13
08 72 43 00-0048			Half Saddle Thresholds (08 72 43 00-0002)		
08 72 43 00-0049			Aluminum Half Saddle Thresholds (08 72 43 00-0048) Note: Includes mill finish.		
08 72 43 00-0050			3/4" Height, Aluminum Half Saddle Thresholds (08 72 43 00-0049)		
08 72 43 00-0051	LF		5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)..... <i>For Color Anodized Finish, Add</i>	39.33 5.60	10.13
08 72 43 00-0052	LF		7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)..... <i>For Color Anodized Finish, Add</i>	49.47 2.42	10.13
08 72 43 00-0053			Offset Saddle Thresholds (08 72 43 00-0002)		
08 72 43 00-0054			Aluminum Offset Saddle Thresholds (08 72 43 00-0053) Note: Includes mill finish.		
08 72 43 00-0055			1/2" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
08 72 43 00-0056	LF		5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)..... <i>For Color Anodized Finish, Add</i>	39.42 7.05	10.13
08 72 43 00-0057	LF		7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)..... <i>For Color Anodized Finish, Add</i>	43.05 6.21	10.13
08 72 43 00-0058			3/4" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
08 72 43 00-0059	LF		5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)..... <i>For Color Anodized Finish, Add</i>	39.42 7.05	10.13
08 72 43 00-0060			1" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**
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08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	44.45	10.13
		<i>For Color Anodized Finish, Add</i>	6.70	
08 72 43 00-0062		Modular Ramp Thresholds <small>(08 72 43 00-0001)</small>		
		Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0062)</small>		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	40.49	10.13
		<i>For Non-Slip Surfacing, Add</i>	60.69	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	49.99	11.15
		<i>For Non-Slip Surfacing, Add</i>	77.56	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	63.00	12.66
		<i>For Non-Slip Surfacing, Add</i>	105.50	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	79.02	13.17
		<i>For Non-Slip Surfacing, Add</i>	142.24	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	91.55	14.18
		<i>For Non-Slip Surfacing, Add</i>	189.54	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	112.72	15.71
		<i>For Non-Slip Surfacing, Add</i>	211.41	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	125.61	17.22
		<i>For Non-Slip Surfacing, Add</i>	237.02	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	133.21	18.24
		<i>For Non-Slip Surfacing, Add</i>	241.85	
08 72 43 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0062)</small>		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA).....	66.86	12.66
		<i>For Non-Slip Surfacing, Add</i>	112.16	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA).....	77.87	13.17
		<i>For Non-Slip Surfacing, Add</i>	139.13	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA).....	96.91	15.20
		<i>For Non-Slip Surfacing, Add</i>	172.95	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	113.29	16.21
		<i>For Non-Slip Surfacing, Add</i>	210.26	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	129.60	17.22
		<i>For Non-Slip Surfacing, Add</i>	247.39	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	141.47	18.24
		<i>For Non-Slip Surfacing, Add</i>	273.00	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA).....	172.19	19.25
		<i>For Non-Slip Surfacing, Add</i>	347.59	
08 72 43 00-0080		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0062)</small>		
08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	77.00	13.68
		<i>For Non-Slip Surfacing, Add</i>	138.99	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	90.01	15.20
		<i>For Non-Slip Surfacing, Add</i>	166.94	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	107.04	16.21
		<i>For Non-Slip Surfacing, Add</i>	201.47	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	119.57	17.22
		<i>For Non-Slip Surfacing, Add</i>	229.82	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	139.72	18.24
		<i>For Non-Slip Surfacing, Add</i>	268.45	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	151.60	19.25
		<i>For Non-Slip Surfacing, Add</i>	294.06	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	174.22	20.26
		<i>For Non-Slip Surfacing, Add</i>	334.23	
08 72 43 00-0088		Accessories For Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0062)</small>		
08 72 43 00-0089		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0088)</small>		
08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	175.39	12.66
		<i>For Non-Slip Surfacing, Add</i>	18.01	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	267.30	12.66
		<i>For Non-Slip Surfacing, Add</i>	29.04	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds.....	526.40	17.73
		<i>For Non-Slip Surfacing, Add</i>	58.91	
08 72 43 00-0093		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0088)</small>		
08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	175.39	12.66
		<i>For Non-Slip Surfacing, Add</i>	18.01	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds.....	267.30	12.66
		<i>For Non-Slip Surfacing, Add</i>	29.04	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds.....	526.40	17.73
		<i>For Non-Slip Surfacing, Add</i>	58.91	
08 72 43 00-0097		Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0001)</small>		
		Note: Includes vinyl or pile seal.		
08 72 43 00-0098		Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0097)</small>		
		Note: Includes mill finish.		
08 72 43 00-0099		Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0098)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 43 00-0100		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0099)</small>			
08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	46.68		10.13
		<i>For Color Anodized Finish, Add</i>		7.48	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	39.56		10.13
		<i>For Color Anodized Finish, Add</i>		7.12	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	51.15		10.13
		<i>For Color Anodized Finish, Add</i>		9.04	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	53.10		10.13
		<i>For Color Anodized Finish, Add</i>		9.72	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0105		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0099)</small>			
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	37.88		10.13
		<i>For Color Anodized Finish, Add</i>		6.28	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	39.84		10.13
		<i>For Color Anodized Finish, Add</i>		7.26	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0108		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0099)</small>			
08 72 43 00-0109		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0108)</small>			
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	41.93		10.13
		<i>For Color Anodized Finish, Add</i>		6.64	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	43.75		10.13
		<i>For Color Anodized Finish, Add</i>		7.37	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	46.40		10.13
		<i>For Color Anodized Finish, Add</i>		7.38	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	49.40		10.13
		<i>For Color Anodized Finish, Add</i>		8.43	
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0097)</small>			
08 72 43 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0114)</small>			
08 72 43 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0115)</small>			
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	207.34		10.13
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	192.29		10.13
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	276.53		10.13
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	247.35		10.13
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0115)</small>			
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	204.03		10.13
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0114)</small>			
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0123)</small>			
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	210.97		11.15
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	221.35		11.15
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	277.46		11.15
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	252.57		11.65
		<i>For Thermoseal, Add</i>		0.63	
08 72 43 00-0129		Carpet Separator Thresholds <small>(08 72 43 00-0001)</small>			

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**
 MINOR
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08 72 43 00-0130	Aluminum, Carpet Separator Thresholds (08 72 43 00-0129) Note: Includes mill finish.		
08 72 43 00-0131	3/8" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
08 72 43 00-0132	LF 2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)..... For Color Anodized Finish, Add	28.78 3.41	8.10
08 72 43 00-0133	7/16" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
08 72 43 00-0134	LF 1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)..... For Color Anodized Finish, Add	23.59 2.05	7.10
08 72 43 00-0135	LF 4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)..... For Color Anodized Finish, Add	35.79 4.19	8.10
08 72 43 00-0136	LF 6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)..... For Color Anodized Finish, Add	41.65 6.53	8.10
08 72 43 00-0137	1/2" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
08 72 43 00-0138	LF 1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)..... For Color Anodized Finish, Add	21.78 1.01	7.10
08 72 43 00-0139	3/4" Height, Aluminum, Carpet Separator Thresholds (08 72 43 00-0130)		
08 72 43 00-0140	LF 1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)..... For Color Anodized Finish, Add	23.59 1.76	7.10
08 72 43 00-0141	LF 3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)..... For Color Anodized Finish, Add	36.21 4.36	10.13
08 72 43 00-0142	LF 4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)..... For Color Anodized Finish, Add	37.88 3.77	10.13
08 72 43 00-0143	Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0129)		
08 72 43 00-0144	3/8" Height, Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0143)		
08 72 43 00-0145	LF 2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B).....	112.17	8.10
08 72 43 00-0146	7/16" Height, Brass/Bronze, Carpet Separator Thresholds (08 72 43 00-0143)		
08 72 43 00-0147	LF 1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B).....	148.04	7.10
08 72 43 00-0148	LF 4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B).....	134.38	10.13
08 72 43 00-0149	Vinyl Transition Thresholds (08 72 43 00-0001) Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150	Carpet To Carpet, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF 2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL).....	33.89	8.10
08 72 43 00-0152	Carpet To Tile, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF 2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL).....	33.89	8.10
08 72 43 00-0154	Carpet To Concrete, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF 3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....	36.92	10.13
08 72 43 00-0156	Carpet To VCT Tile, Vinyl Transition Thresholds (08 72 43 00-0149) Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF 3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL).....	39.19	10.13
08 72 43 00-0158	Residential Thresholds (08 72 43 00-0001)		
08 72 43 00-0159	Wood Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0160	LF 1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	15.22	5.06
08 72 43 00-0161	LF 1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	15.68	5.06
08 72 43 00-0162	LF 3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	20.59	5.39
08 72 43 00-0163	LF 3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	20.96	5.59
08 72 43 00-0164	LF 5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	30.68	5.76
08 72 43 00-0165	Vinyl Top, Wood Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0166	LF 1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	17.78	5.06
08 72 43 00-0167	LF 3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	21.38	5.59
08 72 43 00-0168	LF 3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	37.71	5.59
08 72 43 00-0169	Vinyl Top, Aluminum Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0170	LF 1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)..... For Color Anodized Finish, Add	17.83 2.07	5.06

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0171	LF			3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	20.68	5.59
				<i>For Color Anodized Finish, Add</i>	2.68	
08 72 43 00-0172	LF			3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	21.80	5.59
				<i>For Color Anodized Finish, Add</i>	3.13	
08 72 43 00-0173				Interlocking Residential Thresholds (08 72 43 00-0158)		
08 72 43 00-0174				Aluminum Interlocking Residential Thresholds (08 72 43 00-0173)		
08 72 43 00-0175				1/2" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0176	LF			4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....	37.15	5.76
				<i>For Color Anodized Finish, Add</i>	6.83	
08 72 43 00-0177				5/8" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0178	LF			3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A).....	25.35	5.39
				<i>For Color Anodized Finish, Add</i>	3.56	
08 72 43 00-0179	LF			3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....	23.33	5.59
				<i>For Color Anodized Finish, Add</i>	4.68	
08 72 43 00-0180	LF			4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....	26.81	5.76
				<i>For Color Anodized Finish, Add</i>	3.73	
08 72 43 00-0181				7/8" Height, Aluminum Interlocking Residential Thresholds (08 72 43 00-0174)		
08 72 43 00-0182	LF			4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A).....	29.05	5.76
				<i>For Color Anodized Finish, Add</i>	7.33	
08 72 43 00-0183				Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0173)		
08 72 43 00-0184				1/2" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0185	LF			4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B).....	153.54	5.76
08 72 43 00-0186				5/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0187	LF			3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B).....	115.52	5.59
08 72 43 00-0188				7/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 72 43 00-0183)		
08 72 43 00-0189	LF			4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B).....	157.30	5.76
08 72 43 00-0190	LF			5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B).....	225.39	5.92
08 72 43 00-0191				Residential Door Sills (08 72 43 00-0001)		
08 72 43 00-0192				Fixed Aluminum Residential Door Sills (08 72 43 00-0191)		
08 72 43 00-0193	LF			4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A).....	22.35	5.76
				<i>For Color Anodized Finish, Add</i>	3.98	
08 72 43 00-0194	LF			5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A).....	23.84	5.92
				<i>For Color Anodized Finish, Add</i>	3.62	
08 72 43 00-0195				Adjustable Aluminum Top, Aluminum Residential Door Sills (08 72 43 00-0191)		
08 72 43 00-0196	LF			4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A).....	30.87	5.76
				<i>For Color Anodized Finish, Add</i>	5.77	
08 72 43 00-0197	LF			5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A).....	31.69	5.92
				<i>For Color Anodized Finish, Add</i>	5.92	
08 72 43 00-0198				Adjustable Wood Top, Aluminum Residential Door Sills (08 72 43 00-0191)		
08 72 43 00-0199	LF			3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW).....	31.13	5.59
				<i>For Color Anodized Finish, Add</i>	6.00	
08 72 43 00-0200	LF			4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW).....	31.54	5.76
				<i>For Color Anodized Finish, Add</i>	4.29	
08 72 43 00-0201	LF			5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW).....	32.87	5.92
				<i>For Color Anodized Finish, Add</i>	4.52	
08 72 43 00-0202				Extenders For Aluminum Residential Door Sills (08 72 43 00-0191)		
08 72 43 00-0203	LF			3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A).....	13.62	5.06
				<i>For Color Anodized Finish, Add</i>	2.44	
08 72 43 00-0204	LF			2" Extender For Aluminum Residential Door Sills (Pemko EXT2A).....	14.74	5.06
				<i>For Color Anodized Finish, Add</i>	2.31	
08 72 43 00-0205	LF			3" Extender For Aluminum Residential Door Sills (Pemko EXT3A).....	15.85	5.06
				<i>For Color Anodized Finish, Add</i>	1.43	
08 72 43 00-0206				Stone Thresholds (08 72 43 00-0001)		
08 72 43 00-0207				Marble Thresholds (08 72 43 00-0206)		
08 72 43 00-0208	LF			2" Width, 5/8" Height, Plain Marble Threshold.....	17.79	7.08
08 72 43 00-0209	LF			4" Width, 5/8" Height, Plain Marble Threshold.....	19.27	7.08

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds And Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold.....	21.26	7.08
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold.....	25.77	7.08
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold.....	31.02	7.08

08 72 43 00-0213	Corian Thresholds (08 72 43 00-0206)			
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold.....	58.06	8.41

08 75 Window Hardware (08 70)**08 75 13 Automatic Window Equipment** (08 75)

08 75 13 00-0001	Window Opener Electric, With 1/2 HP Motor (08 75 13)			
08 75 13 00-0002	EA	Gym Window Electronic Opener.....	1,384.17	215.86

08 78 Special Function Hardware (08 70)

08 78 00 00-0001	Pad Locks (08 78)			
08 78 00 00-0002	EA	Combination Padlock.....	20.31	5.07
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height.....	46.40	5.07
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height.....	42.86	5.07
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height.....	47.24	5.07
08 78 00 00-0006	EA	Commercial U-Bar Lock.....	57.37	5.07
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike.....	48.12	5.07
08 78 00 00-0008	EA	High Security Padlocks.....	43.44	5.07
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike.....	22.88	5.07

08 79 Hardware Accessories (08 70)**08 79 13 Key Storage Equipment** (08 79)

08 79 13 00-0001	Key Cabinet (08 79 13)			
08 79 13 00-0002	Key Cabinets (08 79 13 00-0001)			
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys.....	324.25	18.24
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys.....	436.11	20.26
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys.....	972.26	30.39
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys.....	2,489.76	40.53
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys.....	2,649.76	26.85
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys.....	5,968.70	20.26
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys.....	136.65	8.10
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys.....	194.22	10.13

08 79 13 00-0011	Key Boxes Wall Mounted On Any Type Wall, With Anchor (08 79 13 00-0001)			
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High.....	188.31	15.20
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High.....	212.39	15.20
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box..... Note: Including Storage And Cleaning	51.68	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door..... Note: Including Storage And Cleaning	116.55	

08 80 Glazing (08)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing (08 80)**08 81 23 Exterior Glass Glazing** (08 81)**08 81 23 13 Factory Installed Glass Glazing** (08 81 23)

08 81 23 13-0001	Clear Float Factory Installed Glass (08 81 23 13)			
08 81 23 13-0002	Clear Float Factory Installed Glass (08 81 23 13-0001)			
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass.....	3.02	
		For >50 To 200, Deduct	-0.09	
		For >200 To 400, Deduct	-0.18	
		For >400, Deduct	-0.27	
		For Tinted Glass, Add	0.76	
		For Reflective Coated Glass, Add	1.36	
		For Low-E Coated Glass, Add	0.76	
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass.....	3.24	
		For >50 To 200, Deduct	-0.10	
		For >200 To 400, Deduct	-0.19	
		For >400, Deduct	-0.29	
		For Tinted Glass, Add	0.81	
		For Reflective Coated Glass, Add	1.46	
		For Low-E Coated Glass, Add	0.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0005	SF		1/4" Thick, Clear Float Factory Installed Glass.....	3.93	
			<i>For >50 To 200, Deduct</i>	-0.12	
			<i>For >200 To 400, Deduct</i>	-0.24	
			<i>For >400, Deduct</i>	-0.35	
			<i>For Tinted Glass, Add</i>	0.98	
			<i>For Reflective Coated Glass, Add</i>	1.77	
			<i>For Low-E Coated Glass, Add</i>	0.98	
08 81 23 13-0006	SF		5/16" Thick, Clear Float Factory Installed Glass.....	6.54	
			<i>For >50 To 200, Deduct</i>	-0.20	
			<i>For >200 To 400, Deduct</i>	-0.39	
			<i>For >400, Deduct</i>	-0.59	
			<i>For Tinted Glass, Add</i>	1.64	
			<i>For Reflective Coated Glass, Add</i>	2.94	
			<i>For Low-E Coated Glass, Add</i>	1.64	
08 81 23 13-0007	SF		3/8" Thick, Clear Float Factory Installed Glass.....	9.51	
			<i>For >50 To 200, Deduct</i>	-0.29	
			<i>For >200 To 400, Deduct</i>	-0.57	
			<i>For >400, Deduct</i>	-0.86	
			<i>For Tinted Glass, Add</i>	2.38	
			<i>For Reflective Coated Glass, Add</i>	4.28	
			<i>For Low-E Coated Glass, Add</i>	2.38	
08 81 23 13-0008	SF		1/2" Thick, Clear Float Factory Installed Glass.....	10.45	
			<i>For >50 To 200, Deduct</i>	-0.31	
			<i>For >200 To 400, Deduct</i>	-0.63	
			<i>For >400, Deduct</i>	-0.94	
			<i>For Tinted Glass, Add</i>	2.61	
			<i>For Reflective Coated Glass, Add</i>	4.70	
			<i>For Low-E Coated Glass, Add</i>	2.61	
08 81 23 13-0009	SF		5/8" Thick, Clear Float Factory Installed Glass.....	12.50	
			<i>For >50 To 200, Deduct</i>	-0.38	
			<i>For >200 To 400, Deduct</i>	-0.75	
			<i>For >400, Deduct</i>	-1.13	
			<i>For Tinted Glass, Add</i>	3.13	
			<i>For Reflective Coated Glass, Add</i>	5.63	
			<i>For Low-E Coated Glass, Add</i>	3.13	
08 81 23 13-0010	SF		3/4" Thick, Clear Float Factory Installed Glass.....	15.44	
			<i>For >50 To 200, Deduct</i>	-0.46	
			<i>For >200 To 400, Deduct</i>	-0.93	
			<i>For >400, Deduct</i>	-1.39	
			<i>For Tinted Glass, Add</i>	3.86	
			<i>For Reflective Coated Glass, Add</i>	6.95	
			<i>For Low-E Coated Glass, Add</i>	3.86	
08 81 23 13-0011			Heat Treated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0012			Tempered, Clear Float Factory Installed Glass <small>(08 81 23 13-0011)</small>		
			Note: Type I, Class I, Quality Q3.		
08 81 23 13-0013	SF		1/8" Thick, Tempered, Clear Float Factory Installed Glass.....	4.38	
			<i>For >50 To 200, Deduct</i>	-0.13	
			<i>For >200 To 400, Deduct</i>	-0.26	
			<i>For >400, Deduct</i>	-0.39	
			<i>For Tinted Glass, Add</i>	1.10	
			<i>For Reflective Coated Glass, Add</i>	1.97	
			<i>For Low-E Coated Glass, Add</i>	1.10	
08 81 23 13-0014	SF		3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	4.69	
			<i>For >50 To 200, Deduct</i>	-0.14	
			<i>For >200 To 400, Deduct</i>	-0.28	
			<i>For >400, Deduct</i>	-0.42	
			<i>For Tinted Glass, Add</i>	1.17	
			<i>For Reflective Coated Glass, Add</i>	2.11	
			<i>For Low-E Coated Glass, Add</i>	1.17	
08 81 23 13-0015	SF		1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	5.70	
			<i>For >50 To 200, Deduct</i>	-0.17	
			<i>For >200 To 400, Deduct</i>	-0.34	
			<i>For >400, Deduct</i>	-0.51	
			<i>For Tinted Glass, Add</i>	1.43	
			<i>For Reflective Coated Glass, Add</i>	2.57	
			<i>For Low-E Coated Glass, Add</i>	1.43	
08 81 23 13-0016	SF		5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	9.49	
			<i>For >50 To 200, Deduct</i>	-0.28	
			<i>For >200 To 400, Deduct</i>	-0.57	
			<i>For >400, Deduct</i>	-0.85	
			<i>For Tinted Glass, Add</i>	2.37	
			<i>For Reflective Coated Glass, Add</i>	4.27	
			<i>For Low-E Coated Glass, Add</i>	2.37	
08 81 23 13-0017	SF		3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	13.79	
			<i>For >50 To 200, Deduct</i>	-0.41	
			<i>For >200 To 400, Deduct</i>	-0.83	
			<i>For >400, Deduct</i>	-1.24	
			<i>For Tinted Glass, Add</i>	3.45	
			<i>For Reflective Coated Glass, Add</i>	6.21	
			<i>For Low-E Coated Glass, Add</i>	3.45	
08 81 23 13-0018	SF		1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	15.15	
			<i>For >50 To 200, Deduct</i>	-0.45	
			<i>For >200 To 400, Deduct</i>	-0.91	
			<i>For >400, Deduct</i>	-1.36	
			<i>For Tinted Glass, Add</i>	3.79	
			<i>For Reflective Coated Glass, Add</i>	6.82	
			<i>For Low-E Coated Glass, Add</i>	3.79	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 23 13-0019	SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass	18.13	
	<i>For >50 To 200, Deduct</i>	-0.54	
	<i>For >200 To 400, Deduct</i>	-1.09	
	<i>For >400, Deduct</i>	-1.63	
	<i>For Tinted Glass, Add</i>	4.53	
	<i>For Reflective Coated Glass, Add</i>	8.16	
	<i>For Low-E Coated Glass, Add</i>	4.53	
08 81 23 13-0020	SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass	22.39	
	<i>For >50 To 200, Deduct</i>	-0.67	
	<i>For >200 To 400, Deduct</i>	-1.34	
	<i>For >400, Deduct</i>	-2.02	
	<i>For Tinted Glass, Add</i>	5.60	
	<i>For Reflective Coated Glass, Add</i>	10.08	
	<i>For Low-E Coated Glass, Add</i>	5.60	
08 81 23 13-0021	Patterned Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0022	Rough Obscure, Factory Installed Glass <small>(08 81 23 13-0021)</small>		
	Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF 1/4" Thick, Rough Obscure, Factory Installed Glass.....	8.60	
08 81 23 13-0024	Patterned, Figured Factory Installed Glass <small>(08 81 23 13-0021)</small>		
	Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF 1/8" Thick, Patterned, Figured Factory Installed Glass	5.22	
08 81 23 13-0026	SF 7/32" Thick, Patterned, Figured Factory Installed Glass	5.22	
08 81 23 13-0027	Wired Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0028	Square Or Diamond Pattern, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
	Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass	13.52	
08 81 23 13-0030	SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass.....	13.52	
08 81 23 13-0031	Polished, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
08 81 23 13-0032	SF 1/4" Thick, Polished, Wired Factory Installed Glass.....	14.78	
08 81 23 13-0033	Frosted Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0034	Frosted Factory Installed Glass <small>(08 81 23 13-0033)</small>		
08 81 23 13-0035	SF 1/8" Thick, Frosted Factory Installed Glass.....	6.84	
	<i>For >50 To 200, Deduct</i>	-0.21	
	<i>For >200 To 400, Deduct</i>	-0.41	
	<i>For >400, Deduct</i>	-0.62	
08 81 23 13-0036	SF 3/16" Thick, Frosted Factory Installed Glass.....	8.97	
	<i>For >50 To 200, Deduct</i>	-0.27	
	<i>For >200 To 400, Deduct</i>	-0.54	
	<i>For >400, Deduct</i>	-0.81	
08 81 23 13-0037	SF 1/4" Thick, Frosted Factory Installed Glass.....	11.34	
	<i>For >50 To 200, Deduct</i>	-0.34	
	<i>For >200 To 400, Deduct</i>	-0.68	
	<i>For >400, Deduct</i>	-1.02	
08 81 23 13-0038	SF 3/8" Thick, Frosted Factory Installed Glass.....	16.95	
	<i>For >50 To 200, Deduct</i>	-0.51	
	<i>For >200 To 400, Deduct</i>	-1.02	
	<i>For >400, Deduct</i>	-1.53	
08 81 23 13-0039	Fire Rated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0040	Fire Rated Factory Installed Glass <small>(08 81 23 13-0039)</small>		
08 81 23 13-0041	SF 20 Minute, Fire Rated Factory Installed Glass	18.56	
08 81 23 13-0042	SF 45 Minute, Fire Rated Factory Installed Glass	36.96	
08 81 23 13-0043	SF 60 Minute, Fire Rated Factory Installed Glass	57.12	
08 81 23 13-0044	SF 90 Minute, Fire Rated Factory Installed Glass	75.60	
08 81 23 13-0045	Laminated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0046	Laminated Glass With PVB Interlayer, Factory Installed Glass <small>(08 81 23 13-0045)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF 1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	12.05	
	<i>For >50 To 200, Deduct</i>	-0.36	
	<i>For >200 To 400, Deduct</i>	-0.72	
	<i>For >400, Deduct</i>	-1.08	
	<i>For Tinted Glass, Add</i>	3.01	
	<i>For Reflective Coated Glass, Add</i>	5.42	
	<i>For Low-E Coated Glass, Add</i>	3.01	
	<i>For One Piece Heat Strengthened Glass, Add</i>	2.41	
	<i>For One Piece Fully Tempered Glass, Add</i>	2.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0048	SF		3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	15.04	
			<i>For >50 To 200, Deduct</i>	-0.45	
			<i>For >200 To 400, Deduct</i>	-0.90	
			<i>For >400, Deduct</i>	-1.35	
			<i>For Tinted Glass, Add</i>	3.76	
			<i>For Reflective Coated Glass, Add</i>	6.77	
			<i>For Low-E Coated Glass, Add</i>	3.76	
			<i>For One Piece Heat Strengthened Glass, Add</i>	3.01	
			<i>For One Piece Fully Tempered Glass, Add</i>	3.01	
08 81 23 13-0049	SF		1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	20.44	
			<i>For >50 To 200, Deduct</i>	-0.61	
			<i>For >200 To 400, Deduct</i>	-1.23	
			<i>For >400, Deduct</i>	-1.84	
			<i>For Tinted Glass, Add</i>	5.11	
			<i>For Reflective Coated Glass, Add</i>	9.20	
			<i>For Low-E Coated Glass, Add</i>	5.11	
			<i>For One Piece Heat Strengthened Glass, Add</i>	4.09	
			<i>For One Piece Fully Tempered Glass, Add</i>	4.09	
08 81 23 13-0050			Insulated Factory Installed Glass (08 81 23 13)		
08 81 23 13-0051			Insulated, Factory Installed Glass (08 81 23 13-0050) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052			3/16" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF		3/8" Thick, Insulated Factory Installed Glass.....	7.88	
			Note: Two 3/32" lites with 3/16" air space.		
			<i>For >50 To 200, Deduct</i>	-0.24	
			<i>For >200 To 400, Deduct</i>	-0.48	
			<i>For >400, Deduct</i>	-0.72	
			<i>For Tinted Glass, Add</i>	2.00	
			<i>For Reflective Coated Glass, Add</i>	3.59	
			<i>For Low-E Coated Glass, Add</i>	2.00	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.60	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.60	
			<i>For One Piece Obscure Glass, Add</i>	3.39	
			<i>For Argon Gas, Add</i>	1.10	
08 81 23 13-0054	SF		1/2" Thick, Insulated Factory Installed Glass.....	8.72	
			Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
			<i>For >50 To 200, Deduct</i>	-0.26	
			<i>For >200 To 400, Deduct</i>	-0.52	
			<i>For >400, Deduct</i>	-0.78	
			<i>For Tinted Glass, Add</i>	2.18	
			<i>For Reflective Coated Glass, Add</i>	3.92	
			<i>For Low-E Coated Glass, Add</i>	2.18	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.74	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.74	
			<i>For One Piece Obscure Glass, Add</i>	3.71	
			<i>For Argon Gas, Add</i>	1.20	
08 81 23 13-0055	SF		9/16" Thick, Insulated Factory Installed Glass.....	8.74	
			Note: Two 3/16" lites with 3/16" air space.		
			<i>For >50 To 200, Deduct</i>	-0.26	
			<i>For >200 To 400, Deduct</i>	-0.52	
			<i>For >400, Deduct</i>	-0.79	
			<i>For Tinted Glass, Add</i>	2.19	
			<i>For Reflective Coated Glass, Add</i>	3.93	
			<i>For Low-E Coated Glass, Add</i>	2.19	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.75	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.75	
			<i>For One Piece Obscure Glass, Add</i>	3.71	
			<i>For Argon Gas, Add</i>	1.20	
08 81 23 13-0056			1/4" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF		7/16" Thick, Insulated Factory Installed Glass.....	8.22	
			Note: Two 3/32" lites with 1/4" air space.		
			<i>For >50 To 200, Deduct</i>	-0.25	
			<i>For >200 To 400, Deduct</i>	-0.49	
			<i>For >400, Deduct</i>	-0.74	
			<i>For Tinted Glass, Add</i>	2.06	
			<i>For Reflective Coated Glass, Add</i>	3.70	
			<i>For Low-E Coated Glass, Add</i>	2.06	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.64	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.64	
			<i>For One Piece Obscure Glass, Add</i>	3.49	
			<i>For Argon Gas, Add</i>	1.13	
08 81 23 13-0058	SF		1/2" Thick, Insulated Factory Installed Glass.....	8.72	
			Note: Two 1/8" lites with 1/4" air space.		
			<i>For >50 To 200, Deduct</i>	-0.26	
			<i>For >200 To 400, Deduct</i>	-0.52	
			<i>For >400, Deduct</i>	-0.78	
			<i>For Tinted Glass, Add</i>	2.18	
			<i>For Reflective Coated Glass, Add</i>	3.92	
			<i>For Low-E Coated Glass, Add</i>	2.18	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.74	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.74	
			<i>For One Piece Obscure Glass, Add</i>	3.71	
			<i>For Argon Gas, Add</i>	1.20	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 23 13-0059	SF 5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	8.82	
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.53	
	For >400, Deduct	-0.79	
	For Tinted Glass, Add	2.21	
	For Reflective Coated Glass, Add	3.97	
	For Low-E Coated Glass, Add	2.21	
	For One Piece Heat Strengthened Glass, Add	1.76	
	For One Piece Fully Tempered Glass, Add	1.76	
	For One Piece Obscure Glass, Add	3.75	
	For Argon Gas, Add	1.21	
08 81 23 13-0060	SF 5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	8.82	
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.53	
	For >400, Deduct	-0.79	
	For Tinted Glass, Add	2.21	
	For Reflective Coated Glass, Add	3.97	
	For Low-E Coated Glass, Add	2.21	
	For One Piece Heat Strengthened Glass, Add	1.76	
	For One Piece Fully Tempered Glass, Add	1.76	
	For One Piece Obscure Glass, Add	3.75	
	For Argon Gas, Add	1.21	
08 81 23 13-0061	SF 3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	9.24	
	For >50 To 200, Deduct	-0.28	
	For >200 To 400, Deduct	-0.55	
	For >400, Deduct	-0.83	
	For Tinted Glass, Add	2.31	
	For Reflective Coated Glass, Add	4.16	
	For Low-E Coated Glass, Add	2.31	
	For One Piece Heat Strengthened Glass, Add	1.85	
	For One Piece Fully Tempered Glass, Add	1.85	
	For One Piece Obscure Glass, Add	3.93	
	For Argon Gas, Add	1.27	
08 81 23 13-0062	3/8" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063	SF 5/8" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 3/8" air space.	8.82	
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.53	
	For >400, Deduct	-0.79	
	For Tinted Glass, Add	2.21	
	For Reflective Coated Glass, Add	3.97	
	For Low-E Coated Glass, Add	2.21	
	For One Piece Heat Strengthened Glass, Add	1.76	
	For One Piece Fully Tempered Glass, Add	1.76	
	For One Piece Obscure Glass, Add	3.75	
	For Argon Gas, Add	1.21	
08 81 23 13-0064	SF 3/4" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/8" air space.	9.24	
	For >50 To 200, Deduct	-0.28	
	For >200 To 400, Deduct	-0.55	
	For >400, Deduct	-0.83	
	For Tinted Glass, Add	2.31	
	For Reflective Coated Glass, Add	4.16	
	For Low-E Coated Glass, Add	2.31	
	For One Piece Heat Strengthened Glass, Add	1.85	
	For One Piece Fully Tempered Glass, Add	1.85	
	For One Piece Obscure Glass, Add	3.93	
	For Argon Gas, Add	1.27	
08 81 23 13-0065	SF 7/8" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 3/8" air space.	10.25	
	For >50 To 200, Deduct	-0.31	
	For >200 To 400, Deduct	-0.62	
	For >400, Deduct	-0.92	
	For Tinted Glass, Add	2.56	
	For Reflective Coated Glass, Add	4.61	
	For Low-E Coated Glass, Add	2.56	
	For One Piece Heat Strengthened Glass, Add	2.05	
	For One Piece Fully Tempered Glass, Add	2.05	
	For One Piece Obscure Glass, Add	4.36	
	For Argon Gas, Add	1.41	
08 81 23 13-0066	1/2" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 13-0067	SF		3/4" Thick, Insulated Factory Installed Glass 9.24 Note: Two 1/8" lites with 1/2" air space. For >50 To 200, Deduct -0.28 For >200 To 400, Deduct -0.55 For >400, Deduct -0.83 For Tinted Glass, Add 2.31 For Reflective Coated Glass, Add 4.16 For Low-E Coated Glass, Add 2.31 For One Piece Heat Strengthened Glass, Add 1.85 For One Piece Fully Tempered Glass, Add 1.85 For One Piece Obscure Glass, Add 3.93 For Argon Gas, Add 1.27		
08 81 23 13-0068	SF		7/8" Thick, Insulated Factory Installed Glass 10.25 Note: Two 3/16" lites with 1/2" air space. For >50 To 200, Deduct -0.31 For >200 To 400, Deduct -0.62 For >400, Deduct -0.92 For Tinted Glass, Add 2.56 For Reflective Coated Glass, Add 4.61 For Low-E Coated Glass, Add 2.56 For One Piece Heat Strengthened Glass, Add 2.05 For One Piece Fully Tempered Glass, Add 2.05 For One Piece Obscure Glass, Add 4.36 For Argon Gas, Add 1.41		
08 81 23 13-0069	SF		7/8" Thick, Insulated Factory Installed Glass 10.25 Note: One 1/4" lite and one 1/8" lite with 1/2" air space. For >50 To 200, Deduct -0.31 For >200 To 400, Deduct -0.62 For >400, Deduct -0.92 For Tinted Glass, Add 2.56 For Reflective Coated Glass, Add 4.61 For Low-E Coated Glass, Add 2.56 For One Piece Heat Strengthened Glass, Add 2.05 For One Piece Fully Tempered Glass, Add 2.05 For One Piece Obscure Glass, Add 4.36 For Argon Gas, Add 1.41		
08 81 23 13-0070	SF		1" Thick, Insulated Factory Installed Glass 11.21 Note: Two 1/4" lites with 1/2" air space. For >50 To 200, Deduct -0.34 For >200 To 400, Deduct -0.67 For >400, Deduct -1.01 For Tinted Glass, Add 2.80 For Reflective Coated Glass, Add 5.04 For Low-E Coated Glass, Add 2.80 For One Piece Heat Strengthened Glass, Add 2.24 For One Piece Fully Tempered Glass, Add 2.24 For One Piece Obscure Glass, Add 4.76 For Argon Gas, Add 1.54		

08 81 23 23 Field Installed Glass Glazing (08 81 23)

08 81 23 23-0001			Heat Treated Field Installed Glass (08 81 23 23)		
08 81 23 23-0002			Tempered, Clear Float Field Installed Glass (08 81 23 23-0001) Note: Type I, Class I, Quality Q3.		
08 81 23 23-0003	SF		1/8" Thick, Tempered, Clear Float Field Installed Glass 18.19 For >50 To 200, Deduct -0.13 For >200 To 400, Deduct -0.26 For >400, Deduct -0.39 For Glass Removal And Preparing Opening For New Glazing, Add 13.81 For Tinted Glass, Add 1.10 For Reflective Coated Glass, Add 1.97 For Low-E Coated Glass, Add 1.10		
08 81 23 23-0004	SF		3/16" Thick, Tempered, Clear Float Field Installed Glass 19.56 For >50 To 200, Deduct -0.14 For >200 To 400, Deduct -0.28 For >400, Deduct -0.42 For Glass Removal And Preparing Opening For New Glazing, Add 14.87 For Tinted Glass, Add 1.17 For Reflective Coated Glass, Add 2.11 For Low-E Coated Glass, Add 1.17		
08 81 23 23-0005	SF		1/4" Thick, Tempered, Clear Float Field Installed Glass 21.63 For >50 To 200, Deduct -0.17 For >200 To 400, Deduct -0.34 For >400, Deduct -0.51 For Glass Removal And Preparing Opening For New Glazing, Add 15.93 For Tinted Glass, Add 1.43 For Reflective Coated Glass, Add 2.57 For Low-E Coated Glass, Add 1.43		
08 81 23 23-0006	SF		5/16" Thick, Tempered, Clear Float Field Installed Glass 27.54 For >50 To 200, Deduct -0.28 For >200 To 400, Deduct -0.57 For >400, Deduct -0.85 For Glass Removal And Preparing Opening For New Glazing, Add 18.05 For Tinted Glass, Add 2.37 For Reflective Coated Glass, Add 4.27 For Low-E Coated Glass, Add 2.37		

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 81 23 23-0007	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	33.97	
		<i>For >50 To 200, Deduct</i>	-0.41	
		<i>For >200 To 400, Deduct</i>	-0.83	
		<i>For >400, Deduct</i>	-1.24	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.18	
		<i>For Tinted Glass, Add</i>	3.45	
		<i>For Reflective Coated Glass, Add</i>	6.21	
		<i>For Low-E Coated Glass, Add</i>	3.45	
08 81 23 23-0008	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	37.45	
		<i>For >50 To 200, Deduct</i>	-0.45	
		<i>For >200 To 400, Deduct</i>	-0.91	
		<i>For >400, Deduct</i>	-1.36	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	22.30	
		<i>For Tinted Glass, Add</i>	3.79	
		<i>For Reflective Coated Glass, Add</i>	6.82	
		<i>For Low-E Coated Glass, Add</i>	3.79	
08 81 23 23-0009	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	45.74	
		<i>For >50 To 200, Deduct</i>	-0.54	
		<i>For >200 To 400, Deduct</i>	-1.09	
		<i>For >400, Deduct</i>	-1.63	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	27.61	
		<i>For Tinted Glass, Add</i>	4.53	
		<i>For Reflective Coated Glass, Add</i>	8.16	
		<i>For Low-E Coated Glass, Add</i>	4.53	
08 81 23 23-0010	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	55.31	
		<i>For >50 To 200, Deduct</i>	-0.67	
		<i>For >200 To 400, Deduct</i>	-1.34	
		<i>For >400, Deduct</i>	-2.02	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	32.92	
		<i>For Tinted Glass, Add</i>	5.60	
		<i>For Reflective Coated Glass, Add</i>	10.08	
		<i>For Low-E Coated Glass, Add</i>	5.60	
08 81 23 23-0011		Clear Float Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0012		Clear Float Field Installed Glass <small>(08 81 23 23-0011)</small>		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013	SF	1/8" Thick, Clear Float Field Installed Glass	16.83	
		<i>For >50 To 200, Deduct</i>	-0.09	
		<i>For >200 To 400, Deduct</i>	-0.18	
		<i>For >400, Deduct</i>	-0.27	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.81	
		<i>For Tinted Glass, Add</i>	0.76	
		<i>For Reflective Coated Glass, Add</i>	1.36	
		<i>For Low-E Coated Glass, Add</i>	0.76	
08 81 23 23-0014	SF	3/16" Thick, Clear Float Field Installed Glass	18.11	
		<i>For >50 To 200, Deduct</i>	-0.10	
		<i>For >200 To 400, Deduct</i>	-0.19	
		<i>For >400, Deduct</i>	-0.29	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.87	
		<i>For Tinted Glass, Add</i>	0.81	
		<i>For Reflective Coated Glass, Add</i>	1.46	
		<i>For Low-E Coated Glass, Add</i>	0.81	
08 81 23 23-0015	SF	1/4" Thick, Clear Float Field Installed Glass	19.86	
		<i>For >50 To 200, Deduct</i>	-0.12	
		<i>For >200 To 400, Deduct</i>	-0.24	
		<i>For >400, Deduct</i>	-0.35	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
		<i>For Tinted Glass, Add</i>	0.98	
		<i>For Reflective Coated Glass, Add</i>	1.77	
		<i>For Low-E Coated Glass, Add</i>	0.98	
08 81 23 23-0016	SF	5/16" Thick, Clear Float Field Installed Glass	24.59	
		<i>For >50 To 200, Deduct</i>	-0.20	
		<i>For >200 To 400, Deduct</i>	-0.39	
		<i>For >400, Deduct</i>	-0.59	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.05	
		<i>For Tinted Glass, Add</i>	1.64	
		<i>For Reflective Coated Glass, Add</i>	2.94	
		<i>For Low-E Coated Glass, Add</i>	1.64	
08 81 23 23-0017	SF	3/8" Thick, Clear Float Field Installed Glass	29.69	
		<i>For >50 To 200, Deduct</i>	-0.29	
		<i>For >200 To 400, Deduct</i>	-0.57	
		<i>For >400, Deduct</i>	-0.86	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.18	
		<i>For Tinted Glass, Add</i>	2.38	
		<i>For Reflective Coated Glass, Add</i>	4.28	
		<i>For Low-E Coated Glass, Add</i>	2.38	
08 81 23 23-0018	SF	1/2" Thick, Clear Float Field Installed Glass	32.75	
		<i>For >50 To 200, Deduct</i>	-0.31	
		<i>For >200 To 400, Deduct</i>	-0.63	
		<i>For >400, Deduct</i>	-0.94	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	22.30	
		<i>For Tinted Glass, Add</i>	2.61	
		<i>For Reflective Coated Glass, Add</i>	4.70	
		<i>For Low-E Coated Glass, Add</i>	2.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0019	SF		5/8" Thick, Clear Float Field Installed Glass	40.11	
			<i>For >50 To 200, Deduct</i>	-0.38	
			<i>For >200 To 400, Deduct</i>	-0.75	
			<i>For >400, Deduct</i>	-1.13	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	27.61	
			<i>For Tinted Glass, Add</i>	3.13	
			<i>For Reflective Coated Glass, Add</i>	5.63	
			<i>For Low-E Coated Glass, Add</i>	3.13	
08 81 23 23-0020	SF		3/4" Thick, Clear Float Field Installed Glass	48.36	
			<i>For >50 To 200, Deduct</i>	-0.46	
			<i>For >200 To 400, Deduct</i>	-0.93	
			<i>For >400, Deduct</i>	-1.39	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	32.92	
			<i>For Tinted Glass, Add</i>	3.86	
			<i>For Reflective Coated Glass, Add</i>	6.95	
			<i>For Low-E Coated Glass, Add</i>	3.86	
08 81 23 23-0021			Patterned Field Installed Glass (08 81 23 23)		
08 81 23 23-0022			Rough Obscure Field Installed Glass (08 81 23 23-0021)		
			Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF		1/4" Thick, Rough Obscure Field Installed Glass.....	24.53	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0024			Patterned, Figured Field Installed Glass (08 81 23 23-0021)		
			Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF		1/8" Thick, Patterned, Figured Field Installed Glass	19.03	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.81	
08 81 23 23-0026	SF		7/32" Thick, Patterned, Figured Field Installed Glass.....	20.62	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.40	
08 81 23 23-0027			Wired Field Installed Glass (08 81 23 23)		
08 81 23 23-0028			Square Or Diamond Pattern, Wired Field Installed Glass (08 81 23 23-0027)		
			Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF		1/4" Thick, Square Pattern, Wired Field Installed Glass	29.45	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0030	SF		1/4" Thick, Diamond Pattern, Wired Field Installed Glass.....	29.45	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0031			Polished, Wired Field Installed Glass (08 81 23 23-0027)		
08 81 23 23-0032	SF		1/4" Thick, Polished, Wired Field Installed Glass.....	30.71	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0033			Frosted Field Installed Glass (08 81 23 23)		
08 81 23 23-0034			Frosted Field Installed Glass (08 81 23 23-0033)		
08 81 23 23-0035	SF		1/8" Thick, Frosted Field Installed Glass.....	20.65	
			<i>For >50 To 200, Deduct</i>	-0.21	
			<i>For >200 To 400, Deduct</i>	-0.41	
			<i>For >400, Deduct</i>	-0.62	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.81	
08 81 23 23-0036	SF		3/16" Thick, Frosted Field Installed Glass.....	23.84	
			<i>For >50 To 200, Deduct</i>	-0.27	
			<i>For >200 To 400, Deduct</i>	-0.54	
			<i>For >400, Deduct</i>	-0.81	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.87	
08 81 23 23-0037	SF		1/4" Thick, Frosted Field Installed Glass.....	27.27	
			<i>For >50 To 200, Deduct</i>	-0.34	
			<i>For >200 To 400, Deduct</i>	-0.68	
			<i>For >400, Deduct</i>	-1.02	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0038	SF		3/8" Thick, Frosted Field Installed Glass.....	37.13	
			<i>For >50 To 200, Deduct</i>	-0.51	
			<i>For >200 To 400, Deduct</i>	-1.02	
			<i>For >400, Deduct</i>	-1.53	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.18	
08 81 23 23-0039			Fire Rated Field Installed Glass (08 81 23 23)		
08 81 23 23-0040			Fire Rated Field Installed Glass (08 81 23 23-0039)		
08 81 23 23-0041	SF		20 Minute, Fire Rated Field Installed Glass	34.49	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0042	SF		45 Minute, Fire Rated Field Installed Glass.....	52.89	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0043	SF		60 Minute, Fire Rated Field Installed Glass	73.05	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0044	SF		90 Minute, Fire Rated Field Installed Glass.....	91.53	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	15.93	
08 81 23 23-0045			Laminated Field Installed Glass (08 81 23 23)		

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 23-0046	Laminated Glass With PVB Interlayer, Field Installed Glass <small>(08 81 23 23-0045)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	27.98	
	For >50 To 200, Deduct	-0.36	
	For >200 To 400, Deduct	-0.72	
	For >400, Deduct	-1.08	
	For Glass Removal And Preparing Opening For New Glazing, Add	15.93	
	For Tinted Glass, Add	3.01	
	For Reflective Coated Glass, Add	5.42	
	For Low-E Coated Glass, Add	3.01	
	For One Piece Heat Strengthened Glass, Add	2.41	
	For One Piece Fully Tempered Glass, Add	2.41	
08 81 23 23-0048	SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	35.22	
	For >50 To 200, Deduct	-0.45	
	For >200 To 400, Deduct	-0.90	
	For >400, Deduct	-1.35	
	For Glass Removal And Preparing Opening For New Glazing, Add	20.18	
	For Tinted Glass, Add	3.76	
	For Reflective Coated Glass, Add	6.77	
	For Low-E Coated Glass, Add	3.76	
	For One Piece Heat Strengthened Glass, Add	3.01	
	For One Piece Fully Tempered Glass, Add	3.01	
08 81 23 23-0049	SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	42.74	
	For >50 To 200, Deduct	-0.61	
	For >200 To 400, Deduct	-1.23	
	For >400, Deduct	-1.84	
	For Glass Removal And Preparing Opening For New Glazing, Add	22.30	
	For Tinted Glass, Add	5.11	
	For Reflective Coated Glass, Add	9.20	
	For Low-E Coated Glass, Add	5.11	
	For One Piece Heat Strengthened Glass, Add	4.09	
	For One Piece Fully Tempered Glass, Add	4.09	
08 81 23 23-0050	SF 9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	45.82	
	For >50 To 200, Deduct	-0.69	
	For >200 To 400, Deduct	-1.38	
	For >400, Deduct	-2.07	
	For Glass Removal And Preparing Opening For New Glazing, Add	22.83	
	For Tinted Glass, Add	5.75	
	For Reflective Coated Glass, Add	10.35	
	For Low-E Coated Glass, Add	5.75	
	For One Piece Heat Strengthened Glass, Add	4.60	
	For One Piece Fully Tempered Glass, Add	4.60	
08 81 23 23-0051	Insulated Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0052	Insulated Glass, Field Installed Glass <small>(08 81 23 23-0051)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053	3/16" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0052)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054	SF 3/8" Thick, Insulated Field Installed Glass.....	25.82	
	Note: Two 3/32" lites with 3/16" air space.		
	For >50 To 200, Deduct	-0.24	
	For >200 To 400, Deduct	-0.48	
	For >400, Deduct	-0.72	
	For Glass Removal And Preparing Opening For New Glazing, Add	17.84	
	For Tinted Glass, Add	2.00	
	For Reflective Coated Glass, Add	3.59	
	For Low-E Coated Glass, Add	2.00	
	For One Piece Heat Strengthened Glass, Add	1.60	
	For One Piece Fully Tempered Glass, Add	1.60	
	For One Piece Obscure Glass, Add	3.39	
	For Argon Gas, Add	1.10	
08 81 23 23-0055	SF 1/2" Thick, Insulated Field Installed Glass.....	27.30	
	Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.52	
	For >400, Deduct	-0.78	
	For Glass Removal And Preparing Opening For New Glazing, Add	18.58	
	For Tinted Glass, Add	2.18	
	For Reflective Coated Glass, Add	3.92	
	For Low-E Coated Glass, Add	2.18	
	For One Piece Heat Strengthened Glass, Add	1.74	
	For One Piece Fully Tempered Glass, Add	1.74	
	For One Piece Obscure Glass, Add	3.71	
	For Argon Gas, Add	1.20	
08 81 23 23-0056	SF 9/16" Thick, Insulated Field Installed Glass.....	27.64	
	Note: Two 3/16" lites with 3/16" air space.		
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.52	
	For >400, Deduct	-0.79	
	For Glass Removal And Preparing Opening For New Glazing, Add	18.90	
	For Tinted Glass, Add	2.19	
	For Reflective Coated Glass, Add	3.93	
	For Low-E Coated Glass, Add	2.19	
	For One Piece Heat Strengthened Glass, Add	1.75	
	For One Piece Fully Tempered Glass, Add	1.75	
	For One Piece Obscure Glass, Add	3.71	
	For Argon Gas, Add	1.20	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052) Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	26.37	
		For >50 To 200, Deduct	-0.25	
		For >200 To 400, Deduct	-0.49	
		For >400, Deduct	-0.74	
		For Glass Removal And Preparing Opening For New Glazing, Add	18.15	
		For Tinted Glass, Add	2.06	
		For Reflective Coated Glass, Add	3.70	
		For Low-E Coated Glass, Add	2.06	
		For One Piece Heat Strengthened Glass, Add	1.64	
		For One Piece Fully Tempered Glass, Add	1.64	
		For One Piece Obscure Glass, Add	3.49	
		For Argon Gas, Add	1.13	
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	27.30	
		For >50 To 200, Deduct	-0.26	
		For >200 To 400, Deduct	-0.52	
		For >400, Deduct	-0.78	
		For Glass Removal And Preparing Opening For New Glazing, Add	18.58	
		For Tinted Glass, Add	2.18	
		For Reflective Coated Glass, Add	3.92	
		For Low-E Coated Glass, Add	2.18	
		For One Piece Heat Strengthened Glass, Add	1.74	
		For One Piece Fully Tempered Glass, Add	1.74	
		For One Piece Obscure Glass, Add	3.71	
		For Argon Gas, Add	1.20	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	28.65	
		For >50 To 200, Deduct	-0.26	
		For >200 To 400, Deduct	-0.53	
		For >400, Deduct	-0.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.83	
		For Tinted Glass, Add	2.21	
		For Reflective Coated Glass, Add	3.97	
		For Low-E Coated Glass, Add	2.21	
		For One Piece Heat Strengthened Glass, Add	1.76	
		For One Piece Fully Tempered Glass, Add	1.76	
		For One Piece Obscure Glass, Add	3.75	
		For Argon Gas, Add	1.21	
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	28.65	
		For >50 To 200, Deduct	-0.26	
		For >200 To 400, Deduct	-0.53	
		For >400, Deduct	-0.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.83	
		For Tinted Glass, Add	2.21	
		For Reflective Coated Glass, Add	3.97	
		For Low-E Coated Glass, Add	2.21	
		For One Piece Heat Strengthened Glass, Add	1.76	
		For One Piece Fully Tempered Glass, Add	1.76	
		For One Piece Obscure Glass, Add	3.75	
		For Argon Gas, Add	1.21	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	30.87	
		For >50 To 200, Deduct	-0.28	
		For >200 To 400, Deduct	-0.55	
		For >400, Deduct	-0.83	
		For Glass Removal And Preparing Opening For New Glazing, Add	21.63	
		For Tinted Glass, Add	2.31	
		For Reflective Coated Glass, Add	4.16	
		For Low-E Coated Glass, Add	2.31	
		For One Piece Heat Strengthened Glass, Add	1.85	
		For One Piece Fully Tempered Glass, Add	1.85	
		For One Piece Obscure Glass, Add	3.93	
		For Argon Gas, Add	1.27	
08 81 23 23-0063		3/8" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052) Note: Type I, Class I, Quality Q3.		
08 81 23 23-0064	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 3/8" air space.	28.65	
		For >50 To 200, Deduct	-0.26	
		For >200 To 400, Deduct	-0.53	
		For >400, Deduct	-0.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.83	
		For Tinted Glass, Add	2.21	
		For Reflective Coated Glass, Add	3.97	
		For Low-E Coated Glass, Add	2.21	
		For One Piece Heat Strengthened Glass, Add	1.76	
		For One Piece Fully Tempered Glass, Add	1.76	
		For One Piece Obscure Glass, Add	3.75	
		For Argon Gas, Add	1.21	

08 Openings**08 80 Glazing****08 81 Glass Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass	30.87
		Note: Two 3/16" lites with 3/8" air space.	
		For >50 To 200, Deduct	-0.28
		For >200 To 400, Deduct	-0.55
		For >400, Deduct	-0.83
		For Glass Removal And Preparing Opening For New Glazing, Add	21.63
		For Tinted Glass, Add	2.31
		For Reflective Coated Glass, Add	4.16
		For Low-E Coated Glass, Add	2.31
		For One Piece Heat Strengthened Glass, Add	1.85
		For One Piece Fully Tempered Glass, Add	1.85
		For One Piece Obscure Glass, Add	3.93
		For Argon Gas, Add	1.27
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass	32.33
		Note: Two 1/4" lites with 3/8" air space.	
		For >50 To 200, Deduct	-0.31
		For >200 To 400, Deduct	-0.62
		For >400, Deduct	-0.92
		For Glass Removal And Preparing Opening For New Glazing, Add	22.08
		For Tinted Glass, Add	2.56
		For Reflective Coated Glass, Add	4.61
		For Low-E Coated Glass, Add	2.56
		For One Piece Heat Strengthened Glass, Add	2.05
		For One Piece Fully Tempered Glass, Add	2.05
		For One Piece Obscure Glass, Add	4.36
		For Argon Gas, Add	1.41
08 81 23 23-0067		1/2" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052)	
		Note: Type I, Class I, Quality Q3.	
08 81 23 23-0068	SF	3/4" Thick, Insulated Field Installed Glass	30.87
		Note: Two 1/8" lites with 1/2" air space.	
		For >50 To 200, Deduct	-0.28
		For >200 To 400, Deduct	-0.55
		For >400, Deduct	-0.83
		For Glass Removal And Preparing Opening For New Glazing, Add	21.63
		For Tinted Glass, Add	2.31
		For Reflective Coated Glass, Add	4.16
		For Low-E Coated Glass, Add	2.31
		For One Piece Heat Strengthened Glass, Add	1.85
		For One Piece Fully Tempered Glass, Add	1.85
		For One Piece Obscure Glass, Add	3.93
		For Argon Gas, Add	1.27
08 81 23 23-0069	SF	7/8" Thick, Insulated Field Installed Glass	32.33
		Note: Two 3/16" lites with 1/2" air space.	
		For >50 To 200, Deduct	-0.31
		For >200 To 400, Deduct	-0.62
		For >400, Deduct	-0.92
		For Glass Removal And Preparing Opening For New Glazing, Add	22.08
		For Tinted Glass, Add	2.56
		For Reflective Coated Glass, Add	4.61
		For Low-E Coated Glass, Add	2.56
		For One Piece Heat Strengthened Glass, Add	2.05
		For One Piece Fully Tempered Glass, Add	2.05
		For One Piece Obscure Glass, Add	4.36
		For Argon Gas, Add	1.41
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	32.33
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	
		For >50 To 200, Deduct	-0.31
		For >200 To 400, Deduct	-0.62
		For >400, Deduct	-0.92
		For Glass Removal And Preparing Opening For New Glazing, Add	22.08
		For Tinted Glass, Add	2.56
		For Reflective Coated Glass, Add	4.61
		For Low-E Coated Glass, Add	2.56
		For One Piece Heat Strengthened Glass, Add	2.05
		For One Piece Fully Tempered Glass, Add	2.05
		For One Piece Obscure Glass, Add	4.36
		For Argon Gas, Add	1.41
08 81 23 23-0071	SF	1" Thick, Insulated Field Installed Glass	33.51
		Note: Two 1/4" lites with 1/2" air space.	
		For >50 To 200, Deduct	-0.34
		For >200 To 400, Deduct	-0.67
		For >400, Deduct	-1.01
		For Glass Removal And Preparing Opening For New Glazing, Add	22.30
		For Tinted Glass, Add	2.80
		For Reflective Coated Glass, Add	5.04
		For Low-E Coated Glass, Add	2.80
		For One Piece Heat Strengthened Glass, Add	2.24
		For One Piece Fully Tempered Glass, Add	2.24
		For One Piece Obscure Glass, Add	4.76
		For Argon Gas, Add	1.54
08 81 23 23-0072		Laminated Insulated Glass, Field Installed Glass (08 81 23 23-0051)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0073	SF		1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass .....74.02 Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of .060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct -1.34 For >200 To 400, Deduct -2.69 For >400, Deduct -4.03 For Glass Removal And Preparing Opening For New Glazing, Add 29.20 For Tinted Glass, Add 11.21 For Reflective Coated Glass, Add 20.17 For Low-E Coated Glass, Add 11.21 For Argon Gas, Add 6.16		
08 81 23 23-0074			Spandrel Field Installed Glass (08 81 23 23)		
08 81 23 23-0075			Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08 81 23 23-0074)		
08 81 23 23-0076	SF		1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass .....27.44 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 81 23 23-0077	SF		1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass .....25.35 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 81 23 23-0078			Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 23 23-0074)		
08 81 23 23-0079			1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 23 23-0078) Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0080	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass .....29.62 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 81 23 23-0081	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass .....27.25 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 81 23 23-0082			1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 23 23-0078)		
08 81 23 23-0083	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass .....33.73 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 81 23 23-0084	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass .....29.08 For Glass Removal And Preparing Opening For New Glazing, Add 17.69		
08 83			Mirrors (08 80) Note: Kind FT, Type I, Class I, Quality Q1.		
08 83 13			Mirrored Glass Glazing (08 83)		
08 83 13 00-0001			Mirror Glass (08 83 13)		
08 83 13 00-0002			One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0003	SF		1/4" One-Way Vision Glass (Transparent Mirrors) .....42.96 For >50 To 200, Deduct -0.82 For >200 To 400, Deduct -1.36 For >400, Deduct -2.18		7.96
08 83 13 00-0004			Tempered, One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0005	SF		1/4" Tempered, One-Way Vision Glass (Transparent Mirrors) .....55.46 For >50 To 200, Deduct -1.19 For >200 To 400, Deduct -1.99 For >400, Deduct -3.18		7.96
08 83 13 00-0006			Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0007	SF		1/8" Clear Mirror Glass .....18.79 For >50 To 200, Deduct -0.18 For >200 To 400, Deduct -0.30 For >400, Deduct -0.48		6.37
08 83 13 00-0008	SF		3/16" Clear Mirror Glass .....21.97 For >50 To 200, Deduct -0.22 For >200 To 400, Deduct -0.37 For >400, Deduct -0.59		7.43
08 83 13 00-0009	SF		1/4" Clear Mirror Glass .....23.90 For >50 To 200, Deduct -0.24 For >200 To 400, Deduct -0.41 For >400, Deduct -0.65		7.96
08 83 13 00-0010			Tempered, Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0011	SF		1/8" Tempered, Clear Mirror Glass .....25.71 For >50 To 200, Deduct -0.39 For >200 To 400, Deduct -0.65 For >400, Deduct -1.04		6.37
08 83 13 00-0012	SF		3/16" Tempered, Clear Mirror Glass .....29.30 For >50 To 200, Deduct -0.44 For >200 To 400, Deduct -0.73 For >400, Deduct -1.17		7.43

08 Openings**08 80 Glazing****08 83 Mirrors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 83 13 00-0013	SF 1/4" Tempered, Clear Mirror Glass <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i>	32.07 -0.49 -0.82 -1.31	7.96
08 83 13 00-0014	Clear Mirror Glass With Laminated Safety Backing (08 83 13 00-0001)		
08 83 13 00-0015	SF 1/4" Clear Mirror Glass With Laminated Safety Backing..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i>	29.77 -0.42 -0.70 -1.12	7.96
08 83 13 00-0016	Laminated Safety Mirror Glass (08 83 13 00-0001) Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF 1/4" Laminated Safety Mirror Glass <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i>	51.64 -1.08 -1.80 -2.87	7.96
08 83 13 00-0018	Accessories For Mirror Glass (08 83 13)		
08 83 13 00-0019	LF 1/8" Aluminum J-Channel For Mounting Mirror Glass.....	4.79	
08 83 13 00-0020	LF 3/16" Aluminum J-Channel For Mounting Mirror Glass.....	4.87	
08 83 13 00-0021	LF 1/4" Aluminum J-Channel For Mounting Mirror Glass.....	5.96	
08 83 13 00-0022	LF Aluminum Frame For Mounting Mirror Glass.....	7.49	
08 84 Plastic Glazing (08 80)			
08 84 00 00-0001	Clear Polycarbonate Glazing (GE Lexan) (08 84) See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.		
08 84 00 00-0002	SF 1/8" Thick, Clear Polycarbonate Glazing (GE Lexan) <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.56 -0.33 -0.65 -0.98 10.02	
08 84 00 00-0003	SF 3/16" Thick, Clear Polycarbonate Glazing (GE Lexan) <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.41 -0.35 -0.70 -1.05 10.41	
08 84 00 00-0004	SF 1/4" Thick, Clear Polycarbonate Glazing (GE Lexan) <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.31 -0.47 -0.95 -1.42 10.82	
08 84 00 00-0005	SF 3/8" Thick, Clear Polycarbonate Glazing (GE Lexan) <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.17 -0.85 -1.70 -2.56 11.13	
08 84 00 00-0006	SF 1/2" Thick, Clear Polycarbonate Glazing (GE Lexan) <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	35.09 -1.16 -2.32 -3.47 11.94	
08 84 00 00-0007	Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) (08 84)		
08 84 00 00-0008	SF 1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	23.46 -0.67 -1.34 -2.02 10.02	
08 84 00 00-0009	SF 3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	26.94 -0.83 -1.65 -2.48 10.41	
08 84 00 00-0010	SF 1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.41 -0.88 -1.76 -2.64 10.82	
08 84 00 00-0011	SF 3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	45.11 -1.70 -3.40 -5.10 11.13	
08 84 00 00-0012	SF 1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For >50 To 200, Deduct</i> <i>For >200 To 400, Deduct</i> <i>For >400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	47.96 -1.80 -3.60 -5.40 11.94	
08 84 00 00-0013	Clear Acrylic Glazing (Plexiglas) (08 84)		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	13.18	
		For >50 To 200, Deduct	-0.18	
		For >200 To 400, Deduct	-0.36	
		For >400, Deduct	-0.54	
		For Glass Removal And Preparing Opening For New Glazing, Add	9.56	
		For Colored, Add	0.72	
		For Shatterproof, Add	2.17	
		For Mirrored, Add	2.90	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	13.69	
		For >50 To 200, Deduct	-0.18	
		For >200 To 400, Deduct	-0.37	
		For >400, Deduct	-0.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	10.02	
		For Colored, Add	0.73	
		For Shatterproof, Add	2.20	
		For Mirrored, Add	2.94	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	16.13	
		For >50 To 200, Deduct	-0.29	
		For >200 To 400, Deduct	-0.57	
		For >400, Deduct	-0.86	
		For Glass Removal And Preparing Opening For New Glazing, Add	10.41	
		For Colored, Add	1.14	
		For Shatterproof, Add	3.43	
		For Mirrored, Add	4.58	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	18.36	
		For >50 To 200, Deduct	-0.38	
		For >200 To 400, Deduct	-0.75	
		For >400, Deduct	-1.13	
		For Glass Removal And Preparing Opening For New Glazing, Add	10.82	
		For Colored, Add	1.51	
		For Shatterproof, Add	4.52	
		For Mirrored, Add	6.03	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	18.78	
		For >50 To 200, Deduct	-0.40	
		For >200 To 400, Deduct	-0.79	
		For >400, Deduct	-1.19	
		For Glass Removal And Preparing Opening For New Glazing, Add	10.88	
		For Colored, Add	1.58	
		For Shatterproof, Add	4.74	
		For Mirrored, Add	6.32	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	19.39	
		For >50 To 200, Deduct	-0.41	
		For >200 To 400, Deduct	-0.83	
		For >400, Deduct	-1.24	
		For Glass Removal And Preparing Opening For New Glazing, Add	11.13	
		For Colored, Add	1.65	
		For Shatterproof, Add	4.96	
		For Mirrored, Add	6.61	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	22.86	
		For >50 To 200, Deduct	-0.55	
		For >200 To 400, Deduct	-1.09	
		For >400, Deduct	-1.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	11.94	
		For Colored, Add	2.18	
		For Shatterproof, Add	6.55	
		For Mirrored, Add	8.74	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	32.13	
		For >50 To 200, Deduct	-0.85	
		For >200 To 400, Deduct	-1.70	
		For >400, Deduct	-2.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	15.12	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	42.58	
		For >50 To 200, Deduct	-1.31	
		For >200 To 400, Deduct	-2.62	
		For >400, Deduct	-3.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	16.42	

08 85 Glazing Accessories (08 80)

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08 85 00 00-0001 Framing For Glass Windscreens (08 85)

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	28.38	1.86
		For Bronze Anodized Aluminum, Add	3.49	
		For Stainless Steel, Add	14.21	
		For Black Anodized Finish, Add	6.28	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	35.14	2.33
		For Bronze Anodized Aluminum, Add	4.43	
		For Stainless Steel, Add	18.01	
		For Black Anodized Finish, Add	7.98	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	41.85	1.86
		For Bronze Anodized Aluminum, Add	5.30	
		For Stainless Steel, Add	21.52	
		For Black Anodized Finish, Add	9.54	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	50.60	2.80
		For Bronze Anodized Aluminum, Add	6.33	
		For Stainless Steel, Add	25.75	
		For Black Anodized Finish, Add	11.40	

08 Openings**08 80 Glazing****08 85 Glazing Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 85 00 00-0006	LF		2" x 3" Aluminum Framed Window Walls.....	51.87	2.33
			<i>For Bronze Anodized Aluminum, Add</i>	6.73	
			<i>For Stainless Steel, Add</i>	27.28	
			<i>For Black Anodized Finish, Add</i>	12.12	
08 85 00 00-0007	LF		2" x 4" Aluminum Framed Window Walls.....	62.93	2.80
			<i>For Bronze Anodized Aluminum, Add</i>	8.04	
			<i>For Stainless Steel, Add</i>	32.63	
			<i>For Black Anodized Finish, Add</i>	14.47	
08 87 Glazing Surface Films (08 80)					
08 87 13 Solar Control Films (08 87)					
Note: Applied directly to one side of glazing with adhesive.					
08 87 13 00-0001 Solar Control Window Films (08 87 13)					
Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.					
08 87 13 00-0002	SF		20% VLT, Bronze Window Tinting Film.....	9.48	
08 87 13 00-0003	SF		50% VLT, Bronze Window Tinting Film.....	9.48	
08 87 13 00-0004	SF		Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	14.06	
08 87 13 00-0005	SF		Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	14.43	
08 87 23 Safety And Security Films (08 87)					
08 87 23 16 Security Films (08 87 23)					
Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.					
08 87 23 16-0001 High Performance, Security And Safety Glazing Films (08 87 23 16)					
Note: Includes cleaning of window glazing prior to installation.					
08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)					
08 87 23 16-0003	SF		0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	14.23	
			<i>For >1,000 To 5,000, Deduct</i>	-0.67	
			<i>For >5,000, Deduct</i>	-0.87	
08 87 23 16-0004	SF		0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	14.92	
			<i>For >1,000 To 5,000, Deduct</i>	-0.69	
			<i>For >5,000, Deduct</i>	-0.94	
08 87 23 16-0005	SF		0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	15.87	
			<i>For >1,000 To 5,000, Deduct</i>	-0.73	
			<i>For >5,000, Deduct</i>	-1.03	
08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87 23 16-0001)					
08 87 23 16-0007	SF		0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	15.68	
			<i>For >1,000 To 5,000, Deduct</i>	-0.72	
			<i>For >5,000, Deduct</i>	-1.01	
08 87 23 16-0008	SF		0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	15.68	
			<i>For >1,000 To 5,000, Deduct</i>	-0.72	
			<i>For >5,000, Deduct</i>	-1.01	
08 87 23 16-0009	SF		0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	15.68	
			<i>For >1,000 To 5,000, Deduct</i>	-0.72	
			<i>For >5,000, Deduct</i>	-1.01	
08 87 23 16-0010 Security And Safety Glazing Films (08 87 23 16)					
Note: Includes cleaning of window glazing prior to installation.					
08 87 23 16-0011	SF		0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	13.47	
			<i>For >1,000 To 5,000, Deduct</i>	-0.64	
			<i>For >5,000, Deduct</i>	-0.79	
08 87 23 16-0012	SF		0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	13.66	
			<i>For >1,000 To 5,000, Deduct</i>	-0.65	
			<i>For >5,000, Deduct</i>	-0.81	
08 87 23 16-0013	SF		0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	15.38	
			<i>For >1,000 To 5,000, Deduct</i>	-0.71	
			<i>For >5,000, Deduct</i>	-0.98	
08 87 23 16-0014 Anti-Graffiti Glazing Films (08 87 23 16)					
Note: Includes cleaning of window glazing prior to installation.					
08 87 23 16-0015	SF		0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	13.47	
			<i>For >1,000 To 5,000, Deduct</i>	-0.64	
			<i>For >5,000, Deduct</i>	-0.79	
08 87 23 16-0016	SF		0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	13.66	
			<i>For >1,000 To 5,000, Deduct</i>	-0.65	
			<i>For >5,000, Deduct</i>	-0.81	
08 88 Special Function Glazing (08 80)					
08 88 49 Radiation-Resistant Glazing (08 88)					
08 88 49 00-0001 Leaded Glass (X-Ray Shielding) (08 88 49)					
08 88 49 00-0002	SF		1/4" Thick Lead Glass With 1/16" Lead Equivalence.....	219.34	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 88 49 00-0003	SF			1/4" Thick Lead Glass With 1/8" Lead Equivalence	322.63	
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.18	

08 88 53 Security Glazing (08 88)

08 88 53 00-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminate (08 88 53)

08 88 53 00-0002 Ballistic Resistant Glass (08 88 53 00-0001)

08 88 53 00-0003	SF			1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF	117.35	26.55
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	65.83	
08 88 53 00-0004	SF			1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF	134.80	26.55
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	65.83	
08 88 53 00-0005	SF			1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF	152.80	29.73
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	74.33	
08 88 53 00-0006	SF			1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF	167.38	29.73
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	74.33	
08 88 53 00-0007	SF			2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF	190.36	33.98
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	84.94	
08 88 53 00-0008	SF			2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF	202.08	33.98
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	84.94	

08 88 53 00-0009 Forced Entry Resistant Glass (08 88 53 00-0001)

08 88 53 00-0010	SF			5/16" Forced Entry Resistant Laminated Glass Sheet	38.00	7.96
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.59	
08 88 53 00-0011	SF			1/2" Forced Entry Resistant Laminated Glass Sheet	42.72	8.50
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.69	
08 88 53 00-0012	SF			11/16" Forced Entry Resistant Laminated Glass Sheet	48.29	9.03
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.96	
08 88 53 00-0013	SF			7/8" Forced Entry Resistant Laminated Glass Sheet	54.15	10.09
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.42	

08 88 53 00-0014 Glass Clad Polycarbonate (08 88 53)

08 88 53 00-0015	SF			0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF	167.59	31.86
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	80.70	
08 88 53 00-0016	SF			0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF	188.23	37.38
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	93.44	
08 88 53 00-0017	SF			0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF	237.07	42.47
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	106.17	

08 88 53 00-0018 Ballistic Resistant Acrylic (08 88 53)

08 88 53 00-0019	SF			1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF	272.54	31.86
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	80.70	
08 88 53 00-0020	SF			1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF	319.13	37.16
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	93.44	
08 88 53 00-0021	SF			1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF	422.14	42.47
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	106.17	

08 88 53 00-0022 Ballistic Resistant Fiberglass (08 88 53)

08 88 53 00-0023	SF			5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	72.39	20.18
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	40.34	
08 88 53 00-0024	SF			3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	85.38	23.36
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	46.72	
08 88 53 00-0025	SF			7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	96.87	26.55
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	53.09	

08 88 53 00-0026 Forced Entry And/Or Ballistic Resistant Polycarbonate (08 88 53)

08 88 53 00-0027 Forced Entry Resistant Monolithic Polycarbonate (08 88 53 00-0026)

08 88 53 00-0028	SF			1/2" Overall Nominal Thickness, H.P. White TP-0500.01	95.36	48.21
				Note: Level 1 or ASTM F1233, Class II (Step 5).		
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	64.35	

08 88 53 00-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate (08 88 53 00-0026)

08 88 53 00-0030	SF			9/16" Overall Nominal Thickness, H.P. White TP-0500.01	117.92	31.85
				Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	79.64	

08 88 53 00-0031 Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)

08 88 53 00-0032	SF			1/2" Overall Nominal Thickness, H.P. White TP-0500.01	140.20	61.15
				Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).		
				<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	84.94	

08 88 53 00-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)

				Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
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08 Openings
08 80 Glazing
08 88 Special Function Glazing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0034	SF		7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant. For Glass Removal And Preparing Opening For New Glazing, Add	152.61 90.25	37.73
08 88 53 00-0035			Insulated, Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026) Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF		1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace). For Glass Removal And Preparing Opening For New Glazing, Add	131.61 79.64	31.85
08 88 53 00-0037			Ballistic And Forced Entry Resistant Polycarbonate Laminate (08 88 53 00-0026)		
08 88 53 00-0038	SF		1" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun). For Glass Removal And Preparing Opening For New Glazing, Add	300.89 176.25	70.92
08 88 53 00-0039	SF		1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun). For Glass Removal And Preparing Opening For New Glazing, Add	303.83 176.25	70.92
08 88 53 00-0040			Ballistic Resistant Glass Clad Polycarbonate Laminate (08 88 53 00-0026) Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF		1-5/16" Overall Nominal Thickness, Ballistic Resistant..... Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard). For Glass Removal And Preparing Opening For New Glazing, Add	200.86 118.92	44.95
08 90			Louvers And Vents (08)		
08 91			Louvers (08 91)		
08 91 13			Motorized Wall Louvers (08 91)		
08 91 13 00-0001			Motorized Wall Louver Actuator (08 91 13) See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA		115 Volt Actuator For Adjustable Intake Louver.....	1,270.04	91.65
08 91 13 00-0003	EA		230 Volt Actuator For Adjustable Intake Louver.....	1,908.63	91.65
08 91 13 00-0004	EA		24 Volt Actuator For Adjustable Intake Louver.....	1,361.07	91.65
08 91 13 00-0005	EA		115 Volt Hazardous Location Actuator For Adjustable Intake Louver.....	5,109.38	91.65
08 91 16			Operable Wall Louvers (08 91)		
08 91 16 00-0001			Adjustable Intake Wall Louvers (08 91 16) See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA		12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	340.79 29.23 58.45 87.68 116.91 160.75	24.26
08 91 16 00-0003	EA		12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	425.53 36.62 73.25 109.87 146.49 201.43	29.65
08 91 16 00-0004	EA		12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	503.16 43.31 86.61 129.92 173.23 238.19	35.04
08 91 16 00-0005	EA		12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	588.61 50.77 101.55 152.32 203.10 279.26	40.44
08 91 16 00-0006	EA		12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	663.39 57.17 114.35 171.52 228.70 314.46	45.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0007	EA		12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	781.55	51.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	67.91	
			For Clear Lacquer Finish, Add	135.82	
			For Baked Enamel Standard Colors, Add	203.74	
			For Anodized Finish, Add	271.65	
			For Kynar® Standard Colors Finish, Add	373.52	
08 91 16 00-0008	EA		12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	889.76	56.61
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	77.65	
			For Clear Lacquer Finish, Add	155.31	
			For Baked Enamel Standard Colors, Add	232.96	
			For Anodized Finish, Add	310.62	
			For Kynar® Standard Colors Finish, Add	427.10	
08 91 16 00-0009	EA		12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	989.13	64.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	85.97	
			For Clear Lacquer Finish, Add	171.95	
			For Baked Enamel Standard Colors, Add	257.92	
			For Anodized Finish, Add	343.90	
			For Kynar® Standard Colors Finish, Add	472.86	
08 91 16 00-0010	EA		12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,056.09	70.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.59	
			For Clear Lacquer Finish, Add	183.18	
			For Baked Enamel Standard Colors, Add	274.78	
			For Anodized Finish, Add	366.37	
			For Kynar® Standard Colors Finish, Add	503.76	
08 91 16 00-0011	EA		12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,139.42	75.47
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	98.85	
			For Clear Lacquer Finish, Add	197.69	
			For Baked Enamel Standard Colors, Add	296.54	
			For Anodized Finish, Add	395.38	
			For Kynar® Standard Colors Finish, Add	543.65	
08 91 16 00-0012	EA		12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,212.77	80.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	105.10	
			For Clear Lacquer Finish, Add	210.21	
			For Baked Enamel Standard Colors, Add	315.31	
			For Anodized Finish, Add	420.42	
			For Kynar® Standard Colors Finish, Add	578.07	
08 91 16 00-0013	EA		12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,306.05	86.26
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	113.35	
			For Clear Lacquer Finish, Add	226.71	
			For Baked Enamel Standard Colors, Add	340.06	
			For Anodized Finish, Add	453.41	
			For Kynar® Standard Colors Finish, Add	623.44	
08 91 16 00-0014	EA		12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,395.76	91.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	121.25	
			For Clear Lacquer Finish, Add	242.49	
			For Baked Enamel Standard Colors, Add	363.74	
			For Anodized Finish, Add	484.98	
			For Kynar® Standard Colors Finish, Add	666.85	
08 91 16 00-0015	EA		12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,507.93	99.74
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	130.85	
			For Clear Lacquer Finish, Add	261.69	
			For Baked Enamel Standard Colors, Add	392.54	
			For Anodized Finish, Add	523.38	
			For Kynar® Standard Colors Finish, Add	719.65	
08 91 16 00-0016	EA		12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,591.67	107.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	137.60	
			For Clear Lacquer Finish, Add	275.20	
			For Baked Enamel Standard Colors, Add	412.81	
			For Anodized Finish, Add	550.41	
			For Kynar® Standard Colors Finish, Add	756.81	
08 91 16 00-0017	EA		18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	383.57	29.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	32.43	
			For Clear Lacquer Finish, Add	64.85	
			For Baked Enamel Standard Colors, Add	97.28	
			For Anodized Finish, Add	129.71	
			For Kynar® Standard Colors Finish, Add	178.35	
08 91 16 00-0018	EA		18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	484.36	37.74
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	40.89	
			For Clear Lacquer Finish, Add	81.78	
			For Baked Enamel Standard Colors, Add	122.67	
			For Anodized Finish, Add	163.56	
			For Kynar® Standard Colors Finish, Add	224.89	
08 91 16 00-0019	EA		18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	567.69	43.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	48.14	
			For Clear Lacquer Finish, Add	96.29	
			For Baked Enamel Standard Colors, Add	144.43	
			For Anodized Finish, Add	192.57	
			For Kynar® Standard Colors Finish, Add	264.79	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	706.59	53.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	59.88	
		For Clear Lacquer Finish, Add	119.75	
		For Baked Enamel Standard Colors, Add	179.63	
		For Anodized Finish, Add	239.50	
		For Kynar® Standard Colors Finish, Add	329.32	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	802.70	59.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	68.41	
		For Clear Lacquer Finish, Add	136.82	
		For Baked Enamel Standard Colors, Add	205.23	
		For Anodized Finish, Add	273.64	
		For Kynar® Standard Colors Finish, Add	376.26	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	898.82	64.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	76.94	
		For Clear Lacquer Finish, Add	153.89	
		For Baked Enamel Standard Colors, Add	230.83	
		For Anodized Finish, Add	307.77	
		For Kynar® Standard Colors Finish, Add	423.19	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,013.43	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	87.33	
		For Clear Lacquer Finish, Add	174.65	
		For Baked Enamel Standard Colors, Add	261.98	
		For Anodized Finish, Add	349.30	
		For Kynar® Standard Colors Finish, Add	480.29	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,124.18	78.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	96.78	
		For Clear Lacquer Finish, Add	193.57	
		For Baked Enamel Standard Colors, Add	290.35	
		For Anodized Finish, Add	387.13	
		For Kynar® Standard Colors Finish, Add	532.31	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,213.60	86.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	104.11	
		For Clear Lacquer Finish, Add	208.22	
		For Baked Enamel Standard Colors, Add	312.32	
		For Anodized Finish, Add	416.43	
		For Kynar® Standard Colors Finish, Add	572.59	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,298.34	91.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	111.50	
		For Clear Lacquer Finish, Add	223.01	
		For Baked Enamel Standard Colors, Add	334.51	
		For Anodized Finish, Add	446.02	
		For Kynar® Standard Colors Finish, Add	613.27	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,378.10	97.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	118.40	
		For Clear Lacquer Finish, Add	236.80	
		For Baked Enamel Standard Colors, Add	355.20	
		For Anodized Finish, Add	473.60	
		For Kynar® Standard Colors Finish, Add	651.21	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,480.61	102.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	127.58	
		For Clear Lacquer Finish, Add	255.15	
		For Baked Enamel Standard Colors, Add	382.73	
		For Anodized Finish, Add	510.30	
		For Kynar® Standard Colors Finish, Add	701.66	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,579.58	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	136.39	
		For Clear Lacquer Finish, Add	272.79	
		For Baked Enamel Standard Colors, Add	409.18	
		For Anodized Finish, Add	545.57	
		For Kynar® Standard Colors Finish, Add	750.16	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,700.99	115.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	146.92	
		For Clear Lacquer Finish, Add	293.83	
		For Baked Enamel Standard Colors, Add	440.75	
		For Anodized Finish, Add	587.67	
		For Kynar® Standard Colors Finish, Add	808.04	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	1,793.96	124.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	154.60	
		For Clear Lacquer Finish, Add	309.19	
		For Baked Enamel Standard Colors, Add	463.79	
		For Anodized Finish, Add	618.39	
		For Kynar® Standard Colors Finish, Add	850.28	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	429.92	35.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	35.98	
		For Clear Lacquer Finish, Add	71.97	
		For Baked Enamel Standard Colors, Add	107.95	
		For Anodized Finish, Add	143.93	
		For Kynar® Standard Colors Finish, Add	197.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0033	EA		24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	544.93	43.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	45.87	
			For Clear Lacquer Finish, Add	91.73	
			For Baked Enamel Standard Colors, Add	137.60	
			For Anodized Finish, Add	183.47	
			For Kynar® Standard Colors Finish, Add	252.27	
08 91 16 00-0034	EA		24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	674.17	51.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.17	
			For Clear Lacquer Finish, Add	114.35	
			For Baked Enamel Standard Colors, Add	171.52	
			For Anodized Finish, Add	228.70	
			For Kynar® Standard Colors Finish, Add	314.46	
08 91 16 00-0035	EA		24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	796.01	62.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	67.20	
			For Clear Lacquer Finish, Add	134.40	
			For Baked Enamel Standard Colors, Add	201.60	
			For Anodized Finish, Add	268.80	
			For Kynar® Standard Colors Finish, Add	369.61	
08 91 16 00-0036	EA		24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	901.37	67.39
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	76.66	
			For Clear Lacquer Finish, Add	153.32	
			For Baked Enamel Standard Colors, Add	229.98	
			For Anodized Finish, Add	306.64	
			For Kynar® Standard Colors Finish, Add	421.62	
08 91 16 00-0037	EA		24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,012.42	72.78
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	86.69	
			For Clear Lacquer Finish, Add	173.37	
			For Baked Enamel Standard Colors, Add	260.06	
			For Anodized Finish, Add	346.74	
			For Kynar® Standard Colors Finish, Add	476.77	
08 91 16 00-0038	EA		24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,150.19	80.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	98.85	
			For Clear Lacquer Finish, Add	197.69	
			For Baked Enamel Standard Colors, Add	296.54	
			For Anodized Finish, Add	395.38	
			For Kynar® Standard Colors Finish, Add	543.65	
08 91 16 00-0039	EA		24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,268.47	91.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.52	
			For Clear Lacquer Finish, Add	217.03	
			For Baked Enamel Standard Colors, Add	325.55	
			For Anodized Finish, Add	434.07	
			For Kynar® Standard Colors Finish, Add	596.84	
08 91 16 00-0040	EA		24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,358.90	97.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	116.48	
			For Clear Lacquer Finish, Add	232.96	
			For Baked Enamel Standard Colors, Add	349.44	
			For Anodized Finish, Add	465.92	
			For Kynar® Standard Colors Finish, Add	640.65	
08 91 16 00-0041	EA		24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,460.11	107.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	124.45	
			For Clear Lacquer Finish, Add	248.89	
			For Baked Enamel Standard Colors, Add	373.34	
			For Anodized Finish, Add	497.78	
			For Kynar® Standard Colors Finish, Add	684.45	
08 91 16 00-0042	EA		24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,551.96	113.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	132.55	
			For Clear Lacquer Finish, Add	265.11	
			For Baked Enamel Standard Colors, Add	397.66	
			For Anodized Finish, Add	530.21	
			For Kynar® Standard Colors Finish, Add	729.04	
08 91 16 00-0043	EA		24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,675.82	118.60
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	143.86	
			For Clear Lacquer Finish, Add	287.72	
			For Baked Enamel Standard Colors, Add	431.58	
			For Anodized Finish, Add	575.44	
			For Kynar® Standard Colors Finish, Add	791.23	
08 91 16 00-0044	EA		24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,781.16	124.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	153.32	
			For Clear Lacquer Finish, Add	306.63	
			For Baked Enamel Standard Colors, Add	459.95	
			For Anodized Finish, Add	613.27	
			For Kynar® Standard Colors Finish, Add	843.24	
08 91 16 00-0045	EA		24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,914.67	132.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	165.05	
			For Clear Lacquer Finish, Add	330.10	
			For Baked Enamel Standard Colors, Add	495.15	
			For Anodized Finish, Add	660.20	
			For Kynar® Standard Colors Finish, Add	907.78	

08 Openings

08 90 Louvers And Vents

08 91 Louvers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,014.06	140.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	173.37	
		For Clear Lacquer Finish, Add	346.74	
		For Baked Enamel Standard Colors, Add	520.11	
		For Anodized Finish, Add	693.48	
		For Kynar® Standard Colors Finish, Add	953.54	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	479.81	40.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	39.89	
		For Clear Lacquer Finish, Add	79.79	
		For Baked Enamel Standard Colors, Add	119.68	
		For Anodized Finish, Add	159.58	
		For Kynar® Standard Colors Finish, Add	219.42	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	639.04	53.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	53.12	
		For Clear Lacquer Finish, Add	106.24	
		For Baked Enamel Standard Colors, Add	159.36	
		For Anodized Finish, Add	212.48	
		For Kynar® Standard Colors Finish, Add	292.17	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	757.61	62.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	63.36	
		For Clear Lacquer Finish, Add	126.72	
		For Baked Enamel Standard Colors, Add	190.08	
		For Anodized Finish, Add	253.44	
		For Kynar® Standard Colors Finish, Add	348.49	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	886.85	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	74.67	
		For Clear Lacquer Finish, Add	149.34	
		For Baked Enamel Standard Colors, Add	224.00	
		For Anodized Finish, Add	298.67	
		For Kynar® Standard Colors Finish, Add	410.67	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,001.46	75.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	85.05	
		For Clear Lacquer Finish, Add	170.10	
		For Baked Enamel Standard Colors, Add	255.15	
		For Anodized Finish, Add	340.20	
		For Kynar® Standard Colors Finish, Add	467.78	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,121.45	83.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	95.43	
		For Clear Lacquer Finish, Add	190.86	
		For Baked Enamel Standard Colors, Add	286.30	
		For Anodized Finish, Add	381.73	
		For Kynar® Standard Colors Finish, Add	524.88	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,263.07	88.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	108.52	
		For Clear Lacquer Finish, Add	217.03	
		For Baked Enamel Standard Colors, Add	325.55	
		For Anodized Finish, Add	434.07	
		For Kynar® Standard Colors Finish, Add	596.84	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,385.93	97.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	119.18	
		For Clear Lacquer Finish, Add	238.37	
		For Baked Enamel Standard Colors, Add	357.55	
		For Anodized Finish, Add	476.74	
		For Kynar® Standard Colors Finish, Add	655.51	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,486.30	102.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	128.14	
		For Clear Lacquer Finish, Add	256.29	
		For Baked Enamel Standard Colors, Add	384.43	
		For Anodized Finish, Add	512.58	
		For Kynar® Standard Colors Finish, Add	704.79	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,598.89	113.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	137.25	
		For Clear Lacquer Finish, Add	274.49	
		For Baked Enamel Standard Colors, Add	411.74	
		For Anodized Finish, Add	548.98	
		For Kynar® Standard Colors Finish, Add	754.85	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,705.37	121.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	146.28	
		For Clear Lacquer Finish, Add	292.55	
		For Baked Enamel Standard Colors, Add	438.83	
		For Anodized Finish, Add	585.11	
		For Kynar® Standard Colors Finish, Add	804.52	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,837.05	126.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	158.37	
		For Clear Lacquer Finish, Add	316.73	
		For Baked Enamel Standard Colors, Add	475.10	
		For Anodized Finish, Add	633.46	
		For Kynar® Standard Colors Finish, Add	871.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0059	EA		30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,951.65	132.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	168.75	
			For Clear Lacquer Finish, Add	337.50	
			For Baked Enamel Standard Colors, Add	506.25	
			For Anodized Finish, Add	675.00	
			For Kynar® Standard Colors Finish, Add	928.12	
08 91 16 00-0060	EA		30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,091.57	140.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	181.12	
			For Clear Lacquer Finish, Add	362.24	
			For Baked Enamel Standard Colors, Add	543.37	
			For Anodized Finish, Add	724.49	
			For Kynar® Standard Colors Finish, Add	996.17	
08 91 16 00-0061	EA		30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,203.74	148.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	190.72	
			For Clear Lacquer Finish, Add	381.44	
			For Baked Enamel Standard Colors, Add	572.17	
			For Anodized Finish, Add	762.89	
			For Kynar® Standard Colors Finish, Add	1,048.97	
08 91 16 00-0062	EA		36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	526.14	45.82
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	43.45	
			For Clear Lacquer Finish, Add	86.90	
			For Baked Enamel Standard Colors, Add	130.35	
			For Anodized Finish, Add	173.80	
			For Kynar® Standard Colors Finish, Add	238.97	
08 91 16 00-0063	EA		36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	710.96	59.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	59.24	
			For Clear Lacquer Finish, Add	118.47	
			For Baked Enamel Standard Colors, Add	177.71	
			For Anodized Finish, Add	236.94	
			For Kynar® Standard Colors Finish, Add	325.80	
08 91 16 00-0064	EA		36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	830.26	67.39
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	69.55	
			For Clear Lacquer Finish, Add	139.10	
			For Baked Enamel Standard Colors, Add	208.64	
			For Anodized Finish, Add	278.19	
			For Kynar® Standard Colors Finish, Add	382.51	
08 91 16 00-0065	EA		36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	971.59	75.47
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	82.06	
			For Clear Lacquer Finish, Add	164.13	
			For Baked Enamel Standard Colors, Add	246.19	
			For Anodized Finish, Add	328.25	
			For Kynar® Standard Colors Finish, Add	451.35	
08 91 16 00-0066	EA		36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,101.86	81.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	93.80	
			For Clear Lacquer Finish, Add	187.59	
			For Baked Enamel Standard Colors, Add	281.39	
			For Anodized Finish, Add	375.19	
			For Kynar® Standard Colors Finish, Add	515.88	
08 91 16 00-0067	EA		36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,224.67	88.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	104.68	
			For Clear Lacquer Finish, Add	209.35	
			For Baked Enamel Standard Colors, Add	314.03	
			For Anodized Finish, Add	418.71	
			For Kynar® Standard Colors Finish, Add	575.72	
08 91 16 00-0068	EA		36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,382.66	94.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	119.40	
			For Clear Lacquer Finish, Add	238.79	
			For Baked Enamel Standard Colors, Add	358.19	
			For Anodized Finish, Add	477.59	
			For Kynar® Standard Colors Finish, Add	656.68	
08 91 16 00-0069	EA		36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,520.43	102.43
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	131.56	
			For Clear Lacquer Finish, Add	263.11	
			For Baked Enamel Standard Colors, Add	394.67	
			For Anodized Finish, Add	526.23	
			For Kynar® Standard Colors Finish, Add	723.56	
08 91 16 00-0070	EA		36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,633.31	110.52
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	141.23	
			For Clear Lacquer Finish, Add	282.46	
			For Baked Enamel Standard Colors, Add	423.68	
			For Anodized Finish, Add	564.91	
			For Kynar® Standard Colors Finish, Add	776.75	
08 91 16 00-0071	EA		36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,749.06	118.60
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	151.18	
			For Clear Lacquer Finish, Add	302.37	
			For Baked Enamel Standard Colors, Add	453.55	
			For Anodized Finish, Add	604.74	
			For Kynar® Standard Colors Finish, Add	831.51	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,868.34	126.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	161.50	
		For Clear Lacquer Finish, Add	322.99	
		For Baked Enamel Standard Colors, Add	484.49	
		For Anodized Finish, Add	645.98	
		For Kynar® Standard Colors Finish, Add	888.22	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,012.09	132.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	174.79	
		For Clear Lacquer Finish, Add	349.59	
		For Baked Enamel Standard Colors, Add	524.38	
		For Anodized Finish, Add	699.17	
		For Kynar® Standard Colors Finish, Add	961.36	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,135.24	137.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	186.03	
		For Clear Lacquer Finish, Add	372.06	
		For Baked Enamel Standard Colors, Add	558.09	
		For Anodized Finish, Add	744.12	
		For Kynar® Standard Colors Finish, Add	1,023.16	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,292.92	145.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	200.18	
		For Clear Lacquer Finish, Add	400.36	
		For Baked Enamel Standard Colors, Add	600.54	
		For Anodized Finish, Add	800.72	
		For Kynar® Standard Colors Finish, Add	1,100.99	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,411.49	153.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	210.42	
		For Clear Lacquer Finish, Add	420.84	
		For Baked Enamel Standard Colors, Add	631.26	
		For Anodized Finish, Add	841.68	
		For Kynar® Standard Colors Finish, Add	1,157.31	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	601.64	51.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	49.92	
		For Clear Lacquer Finish, Add	99.84	
		For Baked Enamel Standard Colors, Add	149.76	
		For Anodized Finish, Add	199.68	
		For Kynar® Standard Colors Finish, Add	274.57	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	767.26	64.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	63.79	
		For Clear Lacquer Finish, Add	127.57	
		For Baked Enamel Standard Colors, Add	191.36	
		For Anodized Finish, Add	255.15	
		For Kynar® Standard Colors Finish, Add	350.83	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	899.35	72.78
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	75.38	
		For Clear Lacquer Finish, Add	150.76	
		For Baked Enamel Standard Colors, Add	226.14	
		For Anodized Finish, Add	301.52	
		For Kynar® Standard Colors Finish, Add	414.58	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,051.05	83.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	88.39	
		For Clear Lacquer Finish, Add	176.78	
		For Baked Enamel Standard Colors, Add	265.18	
		For Anodized Finish, Add	353.57	
		For Kynar® Standard Colors Finish, Add	486.16	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,189.11	88.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	101.12	
		For Clear Lacquer Finish, Add	202.24	
		For Baked Enamel Standard Colors, Add	303.36	
		For Anodized Finish, Add	404.48	
		For Kynar® Standard Colors Finish, Add	556.17	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,320.08	94.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	113.14	
		For Clear Lacquer Finish, Add	226.28	
		For Baked Enamel Standard Colors, Add	339.42	
		For Anodized Finish, Add	452.56	
		For Kynar® Standard Colors Finish, Add	622.26	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,491.57	99.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	129.21	
		For Clear Lacquer Finish, Add	258.42	
		For Baked Enamel Standard Colors, Add	387.63	
		For Anodized Finish, Add	516.84	
		For Kynar® Standard Colors Finish, Add	710.66	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,631.49	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	141.58	
		For Clear Lacquer Finish, Add	283.17	
		For Baked Enamel Standard Colors, Add	424.75	
		For Anodized Finish, Add	566.34	
		For Kynar® Standard Colors Finish, Add	778.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0085	EA		42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,757.88	115.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	152.61	
			For Clear Lacquer Finish, Add	305.21	
			For Baked Enamel Standard Colors, Add	457.82	
			For Anodized Finish, Add	610.42	
			For Kynar® Standard Colors Finish, Add	839.33	
08 91 16 00-0086	EA		42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,876.45	124.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	162.85	
			For Clear Lacquer Finish, Add	325.69	
			For Baked Enamel Standard Colors, Add	488.54	
			For Anodized Finish, Add	651.38	
			For Kynar® Standard Colors Finish, Add	895.65	
08 91 16 00-0087	EA		42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,005.69	132.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	174.15	
			For Clear Lacquer Finish, Add	348.31	
			For Baked Enamel Standard Colors, Add	522.46	
			For Anodized Finish, Add	696.61	
			For Kynar® Standard Colors Finish, Add	957.84	
08 91 16 00-0088	EA		42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,160.13	137.48
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	188.52	
			For Clear Lacquer Finish, Add	377.04	
			For Baked Enamel Standard Colors, Add	565.55	
			For Anodized Finish, Add	754.07	
			For Kynar® Standard Colors Finish, Add	1,036.85	
08 91 16 00-0089	EA		42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,294.64	142.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	200.89	
			For Clear Lacquer Finish, Add	401.78	
			For Baked Enamel Standard Colors, Add	602.67	
			For Anodized Finish, Add	803.56	
			For Kynar® Standard Colors Finish, Add	1,104.90	
08 91 16 00-0090	EA		42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,470.83	150.96
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	216.89	
			For Clear Lacquer Finish, Add	433.78	
			For Baked Enamel Standard Colors, Add	650.68	
			For Anodized Finish, Add	867.57	
			For Kynar® Standard Colors Finish, Add	1,192.91	
08 91 16 00-0091	EA		42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,594.38	159.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	227.63	
			For Clear Lacquer Finish, Add	455.26	
			For Baked Enamel Standard Colors, Add	682.89	
			For Anodized Finish, Add	910.52	
			For Kynar® Standard Colors Finish, Add	1,251.97	
08 91 16 00-0092	EA		48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	651.54	56.61
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	53.83	
			For Clear Lacquer Finish, Add	107.66	
			For Baked Enamel Standard Colors, Add	161.50	
			For Anodized Finish, Add	215.33	
			For Kynar® Standard Colors Finish, Add	296.08	
08 91 16 00-0093	EA		48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	827.11	70.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.69	
			For Clear Lacquer Finish, Add	137.39	
			For Baked Enamel Standard Colors, Add	206.08	
			For Anodized Finish, Add	274.78	
			For Kynar® Standard Colors Finish, Add	377.82	
08 91 16 00-0094	EA		48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	978.10	80.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	81.64	
			For Clear Lacquer Finish, Add	163.27	
			For Baked Enamel Standard Colors, Add	244.91	
			For Anodized Finish, Add	326.55	
			For Kynar® Standard Colors Finish, Add	449.00	
08 91 16 00-0095	EA		48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,132.22	88.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	95.43	
			For Clear Lacquer Finish, Add	190.86	
			For Baked Enamel Standard Colors, Add	286.30	
			For Anodized Finish, Add	381.73	
			For Kynar® Standard Colors Finish, Add	524.88	
08 91 16 00-0096	EA		48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,284.53	94.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	109.58	
			For Clear Lacquer Finish, Add	219.17	
			For Baked Enamel Standard Colors, Add	328.75	
			For Anodized Finish, Add	438.34	
			For Kynar® Standard Colors Finish, Add	602.71	
08 91 16 00-0097	EA		48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,431.84	99.74
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	123.24	
			For Clear Lacquer Finish, Add	246.47	
			For Baked Enamel Standard Colors, Add	369.71	
			For Anodized Finish, Add	492.95	
			For Kynar® Standard Colors Finish, Add	677.80	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,615.85	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	140.02	
		For Clear Lacquer Finish, Add	280.04	
		For Baked Enamel Standard Colors, Add	420.06	
		For Anodized Finish, Add	560.08	
		For Kynar® Standard Colors Finish, Add	770.11	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,768.55	115.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	153.67	
		For Clear Lacquer Finish, Add	307.35	
		For Baked Enamel Standard Colors, Add	461.02	
		For Anodized Finish, Add	614.69	
		For Kynar® Standard Colors Finish, Add	845.20	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,901.34	124.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	165.34	
		For Clear Lacquer Finish, Add	330.67	
		For Baked Enamel Standard Colors, Add	496.01	
		For Anodized Finish, Add	661.34	
		For Kynar® Standard Colors Finish, Add	909.34	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,036.27	132.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	177.21	
		For Clear Lacquer Finish, Add	354.42	
		For Baked Enamel Standard Colors, Add	531.63	
		For Anodized Finish, Add	708.84	
		For Kynar® Standard Colors Finish, Add	974.66	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,168.37	140.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	188.80	
		For Clear Lacquer Finish, Add	377.60	
		For Baked Enamel Standard Colors, Add	566.41	
		For Anodized Finish, Add	755.21	
		For Kynar® Standard Colors Finish, Add	1,038.41	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,342.70	145.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	205.16	
		For Clear Lacquer Finish, Add	410.32	
		For Baked Enamel Standard Colors, Add	615.47	
		For Anodized Finish, Add	820.63	
		For Kynar® Standard Colors Finish, Add	1,128.37	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,487.89	150.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	218.60	
		For Clear Lacquer Finish, Add	437.20	
		For Baked Enamel Standard Colors, Add	655.79	
		For Anodized Finish, Add	874.39	
		For Kynar® Standard Colors Finish, Add	1,202.29	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,666.50	156.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	235.38	
		For Clear Lacquer Finish, Add	470.76	
		For Baked Enamel Standard Colors, Add	706.14	
		For Anodized Finish, Add	941.52	
		For Kynar® Standard Colors Finish, Add	1,294.60	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,802.14	164.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	247.33	
		For Clear Lacquer Finish, Add	494.66	
		For Baked Enamel Standard Colors, Add	741.98	
		For Anodized Finish, Add	989.31	
		For Kynar® Standard Colors Finish, Add	1,360.30	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	755.89	64.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	62.65	
		For Clear Lacquer Finish, Add	125.30	
		For Baked Enamel Standard Colors, Add	187.95	
		For Anodized Finish, Add	250.60	
		For Kynar® Standard Colors Finish, Add	344.58	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	967.03	78.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	81.07	
		For Clear Lacquer Finish, Add	162.14	
		For Baked Enamel Standard Colors, Add	243.20	
		For Anodized Finish, Add	324.27	
		For Kynar® Standard Colors Finish, Add	445.87	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,133.36	91.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	95.01	
		For Clear Lacquer Finish, Add	190.01	
		For Baked Enamel Standard Colors, Add	285.02	
		For Anodized Finish, Add	380.02	
		For Kynar® Standard Colors Finish, Add	522.53	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,298.46	97.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	110.44	
		For Clear Lacquer Finish, Add	220.87	
		For Baked Enamel Standard Colors, Add	331.31	
		For Anodized Finish, Add	441.75	
		For Kynar® Standard Colors Finish, Add	607.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0111	EA		54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,477.76	102.43
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	127.29	
			For Clear Lacquer Finish, Add	254.58	
			For Baked Enamel Standard Colors, Add	381.87	
			For Anodized Finish, Add	509.16	
			For Kynar® Standard Colors Finish, Add	700.10	
08 91 16 00-0112	EA		54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,638.60	107.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	142.30	
			For Clear Lacquer Finish, Add	284.59	
			For Baked Enamel Standard Colors, Add	426.89	
			For Anodized Finish, Add	569.18	
			For Kynar® Standard Colors Finish, Add	782.62	
08 91 16 00-0113	EA		54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,851.75	115.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	161.99	
			For Clear Lacquer Finish, Add	323.99	
			For Baked Enamel Standard Colors, Add	485.98	
			For Anodized Finish, Add	647.97	
			For Kynar® Standard Colors Finish, Add	890.96	
08 91 16 00-0114	EA		54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,059.21	124.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	181.12	
			For Clear Lacquer Finish, Add	362.24	
			For Baked Enamel Standard Colors, Add	543.37	
			For Anodized Finish, Add	724.49	
			For Kynar® Standard Colors Finish, Add	996.17	
08 91 16 00-0115	EA		54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,215.47	132.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	195.13	
			For Clear Lacquer Finish, Add	390.26	
			For Baked Enamel Standard Colors, Add	585.39	
			For Anodized Finish, Add	780.52	
			For Kynar® Standard Colors Finish, Add	1,073.22	
08 91 16 00-0116	EA		54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,369.62	140.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	208.93	
			For Clear Lacquer Finish, Add	417.85	
			For Baked Enamel Standard Colors, Add	626.78	
			For Anodized Finish, Add	835.71	
			For Kynar® Standard Colors Finish, Add	1,149.10	
08 91 16 00-0117	EA		54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,516.93	145.56
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	222.58	
			For Clear Lacquer Finish, Add	445.16	
			For Baked Enamel Standard Colors, Add	667.74	
			For Anodized Finish, Add	890.32	
			For Kynar® Standard Colors Finish, Add	1,224.20	
08 91 16 00-0118	EA		54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,711.18	150.96
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	240.93	
			For Clear Lacquer Finish, Add	481.85	
			For Baked Enamel Standard Colors, Add	722.78	
			For Anodized Finish, Add	963.71	
			For Kynar® Standard Colors Finish, Add	1,325.10	
08 91 16 00-0119	EA		54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,873.43	156.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	256.07	
			For Clear Lacquer Finish, Add	512.15	
			For Baked Enamel Standard Colors, Add	768.22	
			For Anodized Finish, Add	1,024.30	
			For Kynar® Standard Colors Finish, Add	1,408.41	
08 91 16 00-0120	EA		54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,081.91	161.73
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	275.84	
			For Clear Lacquer Finish, Add	551.69	
			For Baked Enamel Standard Colors, Add	827.53	
			For Anodized Finish, Add	1,103.37	
			For Kynar® Standard Colors Finish, Add	1,517.14	
08 91 16 00-0121	EA		54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	3,239.60	169.82
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	290.00	
			For Clear Lacquer Finish, Add	579.99	
			For Baked Enamel Standard Colors, Add	869.99	
			For Anodized Finish, Add	1,159.98	
			For Kynar® Standard Colors Finish, Add	1,594.97	
08 91 16 00-0122	EA		60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	802.93	70.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	66.28	
			For Clear Lacquer Finish, Add	132.55	
			For Baked Enamel Standard Colors, Add	198.83	
			For Anodized Finish, Add	265.10	
			For Kynar® Standard Colors Finish, Add	364.52	
08 91 16 00-0123	EA		60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,032.26	86.26
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	85.97	
			For Clear Lacquer Finish, Add	171.95	
			For Baked Enamel Standard Colors, Add	257.92	
			For Anodized Finish, Add	343.90	
			For Kynar® Standard Colors Finish, Add	472.86	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,201.04	97.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	100.70	
		For Clear Lacquer Finish, Add	201.39	
		For Baked Enamel Standard Colors, Add	302.09	
		For Anodized Finish, Add	402.78	
		For Kynar® Standard Colors Finish, Add	553.82	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,382.47	102.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	117.76	
		For Clear Lacquer Finish, Add	235.52	
		For Baked Enamel Standard Colors, Add	353.28	
		For Anodized Finish, Add	471.04	
		For Kynar® Standard Colors Finish, Add	647.69	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,573.58	110.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	135.26	
		For Clear Lacquer Finish, Add	270.51	
		For Baked Enamel Standard Colors, Add	405.77	
		For Anodized Finish, Add	541.02	
		For Kynar® Standard Colors Finish, Add	743.90	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,743.66	115.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	151.18	
		For Clear Lacquer Finish, Add	302.37	
		For Baked Enamel Standard Colors, Add	453.55	
		For Anodized Finish, Add	604.74	
		For Kynar® Standard Colors Finish, Add	831.51	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,971.74	124.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	172.38	
		For Clear Lacquer Finish, Add	344.75	
		For Baked Enamel Standard Colors, Add	517.13	
		For Anodized Finish, Add	689.50	
		For Kynar® Standard Colors Finish, Add	948.06	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,184.90	132.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	192.07	
		For Clear Lacquer Finish, Add	384.15	
		For Baked Enamel Standard Colors, Add	576.22	
		For Anodized Finish, Add	768.30	
		For Kynar® Standard Colors Finish, Add	1,056.41	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,351.84	140.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	207.15	
		For Clear Lacquer Finish, Add	414.30	
		For Baked Enamel Standard Colors, Add	621.45	
		For Anodized Finish, Add	828.60	
		For Kynar® Standard Colors Finish, Add	1,139.32	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,515.93	148.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	221.94	
		For Clear Lacquer Finish, Add	443.88	
		For Baked Enamel Standard Colors, Add	665.82	
		For Anodized Finish, Add	887.76	
		For Kynar® Standard Colors Finish, Add	1,220.68	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,672.48	153.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	236.52	
		For Clear Lacquer Finish, Add	473.04	
		For Baked Enamel Standard Colors, Add	709.56	
		For Anodized Finish, Add	946.08	
		For Kynar® Standard Colors Finish, Add	1,300.85	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,883.09	159.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	256.50	
		For Clear Lacquer Finish, Add	513.00	
		For Baked Enamel Standard Colors, Add	769.50	
		For Anodized Finish, Add	1,026.00	
		For Kynar® Standard Colors Finish, Add	1,410.76	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,053.16	164.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	272.43	
		For Clear Lacquer Finish, Add	544.86	
		For Baked Enamel Standard Colors, Add	817.29	
		For Anodized Finish, Add	1,089.72	
		For Kynar® Standard Colors Finish, Add	1,498.37	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,272.31	169.82
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	293.27	
		For Clear Lacquer Finish, Add	586.53	
		For Baked Enamel Standard Colors, Add	879.80	
		For Anodized Finish, Add	1,173.06	
		For Kynar® Standard Colors Finish, Add	1,612.96	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,433.84	175.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	308.34	
		For Clear Lacquer Finish, Add	616.68	
		For Baked Enamel Standard Colors, Add	925.03	
		For Anodized Finish, Add	1,233.37	
		For Kynar® Standard Colors Finish, Add	1,695.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 91 16 00-0137 Adjustable Intake Wall Louvers Operators (08 91 16)

08 91 16 00-0138	EA		5' Chain Actuator For Adjustable Intake Louver.....	207.51	26.96
08 91 16 00-0139	EA		Panel Crank For Adjustable Intake Louver	432.60	10.78

08 91 19 Fixed Louvers (08 91)
08 91 19 00-0001 Fixed Intake Wall Louvers (08 91 19)

08 91 19 00-0002	EA		12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	263.28	24.26
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	21.48	
			For Clear Lacquer Finish, Add	42.95	
			For Baked Enamel Standard Colors, Add	64.43	
			For Anodized Finish, Add	85.90	
			For Kynar® Standard Colors Finish, Add	118.12	
08 91 19 00-0003	EA		12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	313.17	29.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	25.39	
			For Clear Lacquer Finish, Add	50.77	
			For Baked Enamel Standard Colors, Add	76.16	
			For Anodized Finish, Add	101.55	
			For Kynar® Standard Colors Finish, Add	139.63	
08 91 19 00-0004	EA		12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	363.78	35.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	29.37	
			For Clear Lacquer Finish, Add	58.74	
			For Baked Enamel Standard Colors, Add	88.11	
			For Anodized Finish, Add	117.48	
			For Kynar® Standard Colors Finish, Add	161.53	
08 91 19 00-0005	EA		12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	426.47	40.44
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	34.56	
			For Clear Lacquer Finish, Add	69.12	
			For Baked Enamel Standard Colors, Add	103.68	
			For Anodized Finish, Add	138.24	
			For Kynar® Standard Colors Finish, Add	190.08	
08 91 19 00-0006	EA		12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	479.92	45.82
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	38.83	
			For Clear Lacquer Finish, Add	77.65	
			For Baked Enamel Standard Colors, Add	116.48	
			For Anodized Finish, Add	155.31	
			For Kynar® Standard Colors Finish, Add	213.55	
08 91 19 00-0007	EA		12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	564.66	51.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	46.22	
			For Clear Lacquer Finish, Add	92.45	
			For Baked Enamel Standard Colors, Add	138.67	
			For Anodized Finish, Add	184.89	
			For Kynar® Standard Colors Finish, Add	254.23	
08 91 19 00-0008	EA		12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	612.43	56.61
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	49.92	
			For Clear Lacquer Finish, Add	99.84	
			For Baked Enamel Standard Colors, Add	149.76	
			For Anodized Finish, Add	199.68	
			For Kynar® Standard Colors Finish, Add	274.57	
08 91 19 00-0009	EA		12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	685.49	64.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	55.61	
			For Clear Lacquer Finish, Add	111.22	
			For Baked Enamel Standard Colors, Add	166.83	
			For Anodized Finish, Add	222.44	
			For Kynar® Standard Colors Finish, Add	305.86	
08 91 19 00-0010	EA		12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	729.69	70.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	58.95	
			For Clear Lacquer Finish, Add	117.90	
			For Baked Enamel Standard Colors, Add	176.86	
			For Anodized Finish, Add	235.81	
			For Kynar® Standard Colors Finish, Add	324.24	
08 91 19 00-0011	EA		12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	788.83	75.47
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	63.79	
			For Clear Lacquer Finish, Add	127.57	
			For Baked Enamel Standard Colors, Add	191.36	
			For Anodized Finish, Add	255.15	
			For Kynar® Standard Colors Finish, Add	350.83	
08 91 19 00-0012	EA		12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	840.85	80.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	67.91	
			For Clear Lacquer Finish, Add	135.82	
			For Baked Enamel Standard Colors, Add	203.74	
			For Anodized Finish, Add	271.65	
			For Kynar® Standard Colors Finish, Add	373.52	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	902.13	86.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	72.96	
		For Clear Lacquer Finish, Add	145.92	
		For Baked Enamel Standard Colors, Add	218.88	
		For Anodized Finish, Add	291.84	
		For Kynar® Standard Colors Finish, Add	401.29	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	959.84	91.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	77.65	
		For Clear Lacquer Finish, Add	155.31	
		For Baked Enamel Standard Colors, Add	232.96	
		For Anodized Finish, Add	310.62	
		For Kynar® Standard Colors Finish, Add	427.10	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,012.99	99.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	81.35	
		For Clear Lacquer Finish, Add	162.70	
		For Baked Enamel Standard Colors, Add	244.06	
		For Anodized Finish, Add	325.41	
		For Kynar® Standard Colors Finish, Add	447.44	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,082.51	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	86.69	
		For Clear Lacquer Finish, Add	173.37	
		For Baked Enamel Standard Colors, Add	260.06	
		For Anodized Finish, Add	346.74	
		For Kynar® Standard Colors Finish, Add	476.77	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	306.77	29.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	24.75	
		For Clear Lacquer Finish, Add	49.49	
		For Baked Enamel Standard Colors, Add	74.24	
		For Anodized Finish, Add	98.99	
		For Kynar® Standard Colors Finish, Add	136.11	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	369.16	37.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	29.37	
		For Clear Lacquer Finish, Add	58.74	
		For Baked Enamel Standard Colors, Add	88.11	
		For Anodized Finish, Add	117.48	
		For Kynar® Standard Colors Finish, Add	161.53	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	427.60	43.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	34.13	
		For Clear Lacquer Finish, Add	68.27	
		For Baked Enamel Standard Colors, Add	102.40	
		For Anodized Finish, Add	136.54	
		For Kynar® Standard Colors Finish, Add	187.74	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	535.92	53.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	42.81	
		For Clear Lacquer Finish, Add	85.62	
		For Baked Enamel Standard Colors, Add	128.43	
		For Anodized Finish, Add	171.24	
		For Kynar® Standard Colors Finish, Add	235.45	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	613.54	59.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	49.49	
		For Clear Lacquer Finish, Add	98.99	
		For Baked Enamel Standard Colors, Add	148.48	
		For Anodized Finish, Add	197.98	
		For Kynar® Standard Colors Finish, Add	272.22	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	682.64	64.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	55.33	
		For Clear Lacquer Finish, Add	110.65	
		For Baked Enamel Standard Colors, Add	165.98	
		For Anodized Finish, Add	221.30	
		For Kynar® Standard Colors Finish, Add	304.29	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	732.53	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	59.24	
		For Clear Lacquer Finish, Add	118.47	
		For Baked Enamel Standard Colors, Add	177.71	
		For Anodized Finish, Add	236.94	
		For Kynar® Standard Colors Finish, Add	325.80	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	815.56	78.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	65.92	
		For Clear Lacquer Finish, Add	131.84	
		For Baked Enamel Standard Colors, Add	197.76	
		For Anodized Finish, Add	263.68	
		For Kynar® Standard Colors Finish, Add	362.57	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	875.11	86.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	70.26	
		For Clear Lacquer Finish, Add	140.52	
		For Baked Enamel Standard Colors, Add	210.78	
		For Anodized Finish, Add	281.04	
		For Kynar® Standard Colors Finish, Add	386.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	949.89	91.65
			<i>For Flange Frame, Add</i>	76.66	
			<i>For Clear Lacquer Finish, Add</i>	153.32	
			<i>For Baked Enamel Standard Colors, Add</i>	229.98	
			<i>For Anodized Finish, Add</i>	306.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	421.62	
08 91	19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,007.61	97.04
			<i>For Flange Frame, Add</i>	81.35	
			<i>For Clear Lacquer Finish, Add</i>	162.70	
			<i>For Baked Enamel Standard Colors, Add</i>	244.06	
			<i>For Anodized Finish, Add</i>	325.41	
			<i>For Kynar® Standard Colors Finish, Add</i>	447.44	
08 91	19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,071.72	102.43
			<i>For Flange Frame, Add</i>	86.69	
			<i>For Clear Lacquer Finish, Add</i>	173.37	
			<i>For Baked Enamel Standard Colors, Add</i>	260.06	
			<i>For Anodized Finish, Add</i>	346.74	
			<i>For Kynar® Standard Colors Finish, Add</i>	476.77	
08 91	19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,138.68	107.83
			<i>For Flange Frame, Add</i>	92.30	
			<i>For Clear Lacquer Finish, Add</i>	184.61	
			<i>For Baked Enamel Standard Colors, Add</i>	276.91	
			<i>For Anodized Finish, Add</i>	369.21	
			<i>For Kynar® Standard Colors Finish, Add</i>	507.67	
08 91	19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,199.65	115.91
			<i>For Flange Frame, Add</i>	96.78	
			<i>For Clear Lacquer Finish, Add</i>	193.57	
			<i>For Baked Enamel Standard Colors, Add</i>	290.35	
			<i>For Anodized Finish, Add</i>	387.13	
			<i>For Kynar® Standard Colors Finish, Add</i>	532.31	
08 91	19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,282.67	124.00
			<i>For Flange Frame, Add</i>	103.47	
			<i>For Clear Lacquer Finish, Add</i>	206.94	
			<i>For Baked Enamel Standard Colors, Add</i>	310.40	
			<i>For Anodized Finish, Add</i>	413.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	569.07	
08 91	19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	355.25	35.04
			<i>For Flange Frame, Add</i>	28.52	
			<i>For Clear Lacquer Finish, Add</i>	57.03	
			<i>For Baked Enamel Standard Colors, Add</i>	85.55	
			<i>For Anodized Finish, Add</i>	114.06	
			<i>For Kynar® Standard Colors Finish, Add</i>	156.84	
08 91	19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	424.04	43.13
			<i>For Flange Frame, Add</i>	33.78	
			<i>For Clear Lacquer Finish, Add</i>	67.56	
			<i>For Baked Enamel Standard Colors, Add</i>	101.33	
			<i>For Anodized Finish, Add</i>	135.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	185.78	
08 91	19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	524.12	51.22
			<i>For Flange Frame, Add</i>	42.17	
			<i>For Clear Lacquer Finish, Add</i>	84.34	
			<i>For Baked Enamel Standard Colors, Add</i>	126.51	
			<i>For Anodized Finish, Add</i>	168.68	
			<i>For Kynar® Standard Colors Finish, Add</i>	231.93	
08 91	19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	618.94	62.00
			<i>For Flange Frame, Add</i>	49.49	
			<i>For Clear Lacquer Finish, Add</i>	98.99	
			<i>For Baked Enamel Standard Colors, Add</i>	148.48	
			<i>For Anodized Finish, Add</i>	197.98	
			<i>For Kynar® Standard Colors Finish, Add</i>	272.22	
08 91	19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	706.52	67.39
			<i>For Flange Frame, Add</i>	57.17	
			<i>For Clear Lacquer Finish, Add</i>	114.35	
			<i>For Baked Enamel Standard Colors, Add</i>	171.52	
			<i>For Anodized Finish, Add</i>	228.70	
			<i>For Kynar® Standard Colors Finish, Add</i>	314.46	
08 91	19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	787.70	72.78
			<i>For Flange Frame, Add</i>	64.21	
			<i>For Clear Lacquer Finish, Add</i>	128.43	
			<i>For Baked Enamel Standard Colors, Add</i>	192.64	
			<i>For Anodized Finish, Add</i>	256.86	
			<i>For Kynar® Standard Colors Finish, Add</i>	353.18	
08 91	19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	857.21	80.87
			<i>For Flange Frame, Add</i>	69.55	
			<i>For Clear Lacquer Finish, Add</i>	139.10	
			<i>For Baked Enamel Standard Colors, Add</i>	208.64	
			<i>For Anodized Finish, Add</i>	278.19	
			<i>For Kynar® Standard Colors Finish, Add</i>	382.51	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	949.89	91.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	76.66	
		For Clear Lacquer Finish, Add	153.32	
		For Baked Enamel Standard Colors, Add	229.98	
		For Anodized Finish, Add	306.64	
		For Kynar® Standard Colors Finish, Add	421.62	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,010.46	97.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	81.64	
		For Clear Lacquer Finish, Add	163.27	
		For Baked Enamel Standard Colors, Add	244.91	
		For Anodized Finish, Add	326.55	
		For Kynar® Standard Colors Finish, Add	449.00	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,110.95	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	89.53	
		For Clear Lacquer Finish, Add	179.06	
		For Baked Enamel Standard Colors, Add	268.59	
		For Anodized Finish, Add	358.12	
		For Kynar® Standard Colors Finish, Add	492.42	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,173.64	113.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	94.72	
		For Clear Lacquer Finish, Add	189.44	
		For Baked Enamel Standard Colors, Add	284.16	
		For Anodized Finish, Add	378.88	
		For Kynar® Standard Colors Finish, Add	520.97	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,254.12	118.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	101.69	
		For Clear Lacquer Finish, Add	203.38	
		For Baked Enamel Standard Colors, Add	305.07	
		For Anodized Finish, Add	406.76	
		For Kynar® Standard Colors Finish, Add	559.30	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,333.16	124.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	108.52	
		For Clear Lacquer Finish, Add	217.03	
		For Baked Enamel Standard Colors, Add	325.55	
		For Anodized Finish, Add	434.07	
		For Kynar® Standard Colors Finish, Add	596.84	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,395.55	132.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	113.14	
		For Clear Lacquer Finish, Add	226.28	
		For Baked Enamel Standard Colors, Add	339.42	
		For Anodized Finish, Add	452.56	
		For Kynar® Standard Colors Finish, Add	622.26	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,495.65	140.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	121.53	
		For Clear Lacquer Finish, Add	243.06	
		For Baked Enamel Standard Colors, Add	364.59	
		For Anodized Finish, Add	486.12	
		For Kynar® Standard Colors Finish, Add	668.42	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	398.74	40.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	31.79	
		For Clear Lacquer Finish, Add	63.57	
		For Baked Enamel Standard Colors, Add	95.36	
		For Anodized Finish, Add	127.15	
		For Kynar® Standard Colors Finish, Add	174.83	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	516.72	53.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	40.89	
		For Clear Lacquer Finish, Add	81.78	
		For Baked Enamel Standard Colors, Add	122.67	
		For Anodized Finish, Add	163.56	
		For Kynar® Standard Colors Finish, Add	224.89	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	602.58	62.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	47.86	
		For Clear Lacquer Finish, Add	95.72	
		For Baked Enamel Standard Colors, Add	143.57	
		For Anodized Finish, Add	191.43	
		For Kynar® Standard Colors Finish, Add	263.22	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	701.95	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	56.18	
		For Clear Lacquer Finish, Add	112.36	
		For Baked Enamel Standard Colors, Add	168.53	
		For Anodized Finish, Add	224.71	
		For Kynar® Standard Colors Finish, Add	308.98	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	806.61	75.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	65.57	
		For Clear Lacquer Finish, Add	131.13	
		For Baked Enamel Standard Colors, Add	196.70	
		For Anodized Finish, Add	262.26	
		For Kynar® Standard Colors Finish, Add	360.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0052	EA		30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	896.74	83.56
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	72.96	
			For Clear Lacquer Finish, Add	145.92	
			For Baked Enamel Standard Colors, Add	218.88	
			For Anodized Finish, Add	291.84	
			For Kynar® Standard Colors Finish, Add	401.29	
08 91 19 00-0053	EA		30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	963.69	88.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	78.58	
			For Clear Lacquer Finish, Add	157.16	
			For Baked Enamel Standard Colors, Add	235.74	
			For Anodized Finish, Add	314.32	
			For Kynar® Standard Colors Finish, Add	432.18	
08 91 19 00-0054	EA		30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,058.10	97.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	86.40	
			For Clear Lacquer Finish, Add	172.80	
			For Baked Enamel Standard Colors, Add	259.20	
			For Anodized Finish, Add	345.60	
			For Kynar® Standard Colors Finish, Add	475.21	
08 91 19 00-0055	EA		30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,132.87	102.43
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	92.80	
			For Clear Lacquer Finish, Add	185.60	
			For Baked Enamel Standard Colors, Add	278.40	
			For Anodized Finish, Add	371.20	
			For Kynar® Standard Colors Finish, Add	510.41	
08 91 19 00-0056	EA		30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,248.31	113.22
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	102.19	
			For Clear Lacquer Finish, Add	204.38	
			For Baked Enamel Standard Colors, Add	306.56	
			For Anodized Finish, Add	408.75	
			For Kynar® Standard Colors Finish, Add	562.03	
08 91 19 00-0057	EA		30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,322.79	121.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.02	
			For Clear Lacquer Finish, Add	216.04	
			For Baked Enamel Standard Colors, Add	324.06	
			For Anodized Finish, Add	432.08	
			For Kynar® Standard Colors Finish, Add	594.10	
08 91 19 00-0058	EA		30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,408.25	126.69
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	115.49	
			For Clear Lacquer Finish, Add	230.97	
			For Baked Enamel Standard Colors, Add	346.46	
			For Anodized Finish, Add	461.94	
			For Kynar® Standard Colors Finish, Add	635.17	
08 91 19 00-0059	EA		30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,492.98	132.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	122.88	
			For Clear Lacquer Finish, Add	245.76	
			For Baked Enamel Standard Colors, Add	368.65	
			For Anodized Finish, Add	491.53	
			For Kynar® Standard Colors Finish, Add	675.85	
08 91 19 00-0060	EA		30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,566.05	140.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	128.57	
			For Clear Lacquer Finish, Add	257.14	
			For Baked Enamel Standard Colors, Add	385.71	
			For Anodized Finish, Add	514.28	
			For Kynar® Standard Colors Finish, Add	707.14	
08 91 19 00-0061	EA		30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,678.94	148.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	138.24	
			For Clear Lacquer Finish, Add	276.48	
			For Baked Enamel Standard Colors, Add	414.73	
			For Anodized Finish, Add	552.97	
			For Kynar® Standard Colors Finish, Add	760.33	
08 91 19 00-0062	EA		36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	442.94	45.82
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	35.13	
			For Clear Lacquer Finish, Add	70.26	
			For Baked Enamel Standard Colors, Add	105.39	
			For Anodized Finish, Add	140.52	
			For Kynar® Standard Colors Finish, Add	193.21	
08 91 19 00-0063	EA		36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	580.83	59.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	46.22	
			For Clear Lacquer Finish, Add	92.45	
			For Baked Enamel Standard Colors, Add	138.67	
			For Anodized Finish, Add	184.89	
			For Kynar® Standard Colors Finish, Add	254.23	
08 91 19 00-0064	EA		36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	670.96	67.39
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	53.62	
			For Clear Lacquer Finish, Add	107.24	
			For Baked Enamel Standard Colors, Add	160.85	
			For Anodized Finish, Add	214.47	
			For Kynar® Standard Colors Finish, Add	294.90	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	777.46	75.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	62.65	
		For Clear Lacquer Finish, Add	125.30	
		For Baked Enamel Standard Colors, Add	187.95	
		For Anodized Finish, Add	250.60	
		For Kynar® Standard Colors Finish, Add	344.58	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	895.63	81.95
		Note: Includes bird screen.		
		For Flange Frame, Add	73.17	
		For Clear Lacquer Finish, Add	146.35	
		For Baked Enamel Standard Colors, Add	219.52	
		For Anodized Finish, Add	292.70	
		For Kynar® Standard Colors Finish, Add	402.46	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	988.58	88.95
		Note: Includes bird screen.		
		For Flange Frame, Add	81.07	
		For Clear Lacquer Finish, Add	162.14	
		For Baked Enamel Standard Colors, Add	243.20	
		For Anodized Finish, Add	324.27	
		For Kynar® Standard Colors Finish, Add	445.87	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,068.35	94.35
		Note: Includes bird screen.		
		For Flange Frame, Add	87.97	
		For Clear Lacquer Finish, Add	175.93	
		For Baked Enamel Standard Colors, Add	263.90	
		For Anodized Finish, Add	351.86	
		For Kynar® Standard Colors Finish, Add	483.81	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,175.54	102.43
		Note: Includes bird screen.		
		For Flange Frame, Add	97.07	
		For Clear Lacquer Finish, Add	194.14	
		For Baked Enamel Standard Colors, Add	291.20	
		For Anodized Finish, Add	388.27	
		For Kynar® Standard Colors Finish, Add	533.87	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,257.84	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	103.68	
		For Clear Lacquer Finish, Add	207.36	
		For Baked Enamel Standard Colors, Add	311.04	
		For Anodized Finish, Add	414.72	
		For Kynar® Standard Colors Finish, Add	570.25	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,385.68	118.60
		Note: Includes bird screen.		
		For Flange Frame, Add	114.85	
		For Clear Lacquer Finish, Add	229.69	
		For Baked Enamel Standard Colors, Add	344.54	
		For Anodized Finish, Add	459.38	
		For Kynar® Standard Colors Finish, Add	631.65	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,471.54	126.69
		Note: Includes bird screen.		
		For Flange Frame, Add	121.82	
		For Clear Lacquer Finish, Add	243.63	
		For Baked Enamel Standard Colors, Add	365.45	
		For Anodized Finish, Add	487.26	
		For Kynar® Standard Colors Finish, Add	669.98	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,562.67	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	129.85	
		For Clear Lacquer Finish, Add	259.70	
		For Baked Enamel Standard Colors, Add	389.55	
		For Anodized Finish, Add	519.40	
		For Kynar® Standard Colors Finish, Add	714.18	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,657.37	137.48
		Note: Includes bird screen.		
		For Flange Frame, Add	138.24	
		For Clear Lacquer Finish, Add	276.48	
		For Baked Enamel Standard Colors, Add	414.73	
		For Anodized Finish, Add	552.97	
		For Kynar® Standard Colors Finish, Add	760.33	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,740.38	145.56
		Note: Includes bird screen.		
		For Flange Frame, Add	144.93	
		For Clear Lacquer Finish, Add	289.85	
		For Baked Enamel Standard Colors, Add	434.78	
		For Anodized Finish, Add	579.70	
		For Kynar® Standard Colors Finish, Add	797.09	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,867.49	153.65
		Note: Includes bird screen.		
		For Flange Frame, Add	156.02	
		For Clear Lacquer Finish, Add	312.04	
		For Baked Enamel Standard Colors, Add	468.06	
		For Anodized Finish, Add	624.08	
		For Kynar® Standard Colors Finish, Add	858.11	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	514.17	51.22
		Note: Includes bird screen.		
		For Flange Frame, Add	41.17	
		For Clear Lacquer Finish, Add	82.35	
		For Baked Enamel Standard Colors, Add	123.52	
		For Anodized Finish, Add	164.70	
		For Kynar® Standard Colors Finish, Add	226.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	631.44	64.70
			<i>For Flange Frame, Add</i>	50.21	
			<i>For Clear Lacquer Finish, Add</i>	100.41	
			<i>For Baked Enamel Standard Colors, Add</i>	150.62	
			<i>For Anodized Finish, Add</i>	200.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	276.13	
08 91	19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	730.81	72.78
			<i>For Flange Frame, Add</i>	58.53	
			<i>For Clear Lacquer Finish, Add</i>	117.05	
			<i>For Baked Enamel Standard Colors, Add</i>	175.58	
			<i>For Anodized Finish, Add</i>	234.10	
			<i>For Kynar® Standard Colors Finish, Add</i>	321.89	
08 91	19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	854.07	83.56
			<i>For Flange Frame, Add</i>	68.69	
			<i>For Clear Lacquer Finish, Add</i>	137.39	
			<i>For Baked Enamel Standard Colors, Add</i>	206.08	
			<i>For Anodized Finish, Add</i>	274.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	377.82	
08 91	19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	981.47	88.95
			<i>For Flange Frame, Add</i>	80.36	
			<i>For Clear Lacquer Finish, Add</i>	160.71	
			<i>For Baked Enamel Standard Colors, Add</i>	241.07	
			<i>For Anodized Finish, Add</i>	321.43	
			<i>For Kynar® Standard Colors Finish, Add</i>	441.96	
08 91	19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,083.99	94.35
			<i>For Flange Frame, Add</i>	89.53	
			<i>For Clear Lacquer Finish, Add</i>	179.06	
			<i>For Baked Enamel Standard Colors, Add</i>	268.59	
			<i>For Anodized Finish, Add</i>	358.12	
			<i>For Kynar® Standard Colors Finish, Add</i>	492.42	
08 91	19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,172.99	99.74
			<i>For Flange Frame, Add</i>	97.35	
			<i>For Clear Lacquer Finish, Add</i>	194.70	
			<i>For Baked Enamel Standard Colors, Add</i>	292.06	
			<i>For Anodized Finish, Add</i>	389.41	
			<i>For Kynar® Standard Colors Finish, Add</i>	535.44	
08 91	19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,280.20	107.83
			<i>For Flange Frame, Add</i>	106.46	
			<i>For Clear Lacquer Finish, Add</i>	212.91	
			<i>For Baked Enamel Standard Colors, Add</i>	319.37	
			<i>For Anodized Finish, Add</i>	425.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	585.50	
08 91	19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,372.46	115.91
			<i>For Flange Frame, Add</i>	114.06	
			<i>For Clear Lacquer Finish, Add</i>	228.13	
			<i>For Baked Enamel Standard Colors, Add</i>	342.19	
			<i>For Anodized Finish, Add</i>	456.26	
			<i>For Kynar® Standard Colors Finish, Add</i>	627.35	
08 91	19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,513.78	124.00
			<i>For Flange Frame, Add</i>	126.58	
			<i>For Clear Lacquer Finish, Add</i>	253.16	
			<i>For Baked Enamel Standard Colors, Add</i>	379.74	
			<i>For Anodized Finish, Add</i>	506.32	
			<i>For Kynar® Standard Colors Finish, Add</i>	696.18	
08 91	19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,606.04	132.08
			<i>For Flange Frame, Add</i>	134.19	
			<i>For Clear Lacquer Finish, Add</i>	268.38	
			<i>For Baked Enamel Standard Colors, Add</i>	402.56	
			<i>For Anodized Finish, Add</i>	536.75	
			<i>For Kynar® Standard Colors Finish, Add</i>	738.03	
08 91	19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,708.57	137.48
			<i>For Flange Frame, Add</i>	143.36	
			<i>For Clear Lacquer Finish, Add</i>	286.72	
			<i>For Baked Enamel Standard Colors, Add</i>	430.09	
			<i>For Anodized Finish, Add</i>	573.45	
			<i>For Kynar® Standard Colors Finish, Add</i>	788.49	
08 91	19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,811.79	142.87
			<i>For Flange Frame, Add</i>	152.61	
			<i>For Clear Lacquer Finish, Add</i>	305.21	
			<i>For Baked Enamel Standard Colors, Add</i>	457.82	
			<i>For Anodized Finish, Add</i>	610.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	839.33	
08 91	19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,909.04	150.96
			<i>For Flange Frame, Add</i>	160.71	
			<i>For Clear Lacquer Finish, Add</i>	321.43	
			<i>For Baked Enamel Standard Colors, Add</i>	482.14	
			<i>For Anodized Finish, Add</i>	642.85	
			<i>For Kynar® Standard Colors Finish, Add</i>	883.92	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,045.39	159.04
		Note: Includes bird screen.		
		For Flange Frame, Add	172.73	
		For Clear Lacquer Finish, Add	345.46	
		For Baked Enamel Standard Colors, Add	518.19	
		For Anodized Finish, Add	690.92	
		For Kynar® Standard Colors Finish, Add	950.02	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	562.65	56.61
		Note: Includes bird screen.		
		For Flange Frame, Add	44.94	
		For Clear Lacquer Finish, Add	89.89	
		For Baked Enamel Standard Colors, Add	134.83	
		For Anodized Finish, Add	179.77	
		For Kynar® Standard Colors Finish, Add	247.19	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	689.87	70.09
		Note: Includes bird screen.		
		For Flange Frame, Add	54.97	
		For Clear Lacquer Finish, Add	109.94	
		For Baked Enamel Standard Colors, Add	164.91	
		For Anodized Finish, Add	219.88	
		For Kynar® Standard Colors Finish, Add	302.34	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	807.43	80.87
		Note: Includes bird screen.		
		For Flange Frame, Add	64.57	
		For Clear Lacquer Finish, Add	129.14	
		For Baked Enamel Standard Colors, Add	193.71	
		For Anodized Finish, Add	258.28	
		For Kynar® Standard Colors Finish, Add	355.14	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	927.42	88.95
		Note: Includes bird screen.		
		For Flange Frame, Add	74.95	
		For Clear Lacquer Finish, Add	149.90	
		For Baked Enamel Standard Colors, Add	224.86	
		For Anodized Finish, Add	299.81	
		For Kynar® Standard Colors Finish, Add	412.24	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,072.61	94.35
		Note: Includes bird screen.		
		For Flange Frame, Add	88.39	
		For Clear Lacquer Finish, Add	176.78	
		For Baked Enamel Standard Colors, Add	265.18	
		For Anodized Finish, Add	353.57	
		For Kynar® Standard Colors Finish, Add	486.16	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,190.77	99.74
		Note: Includes bird screen.		
		For Flange Frame, Add	99.13	
		For Clear Lacquer Finish, Add	198.26	
		For Baked Enamel Standard Colors, Add	297.39	
		For Anodized Finish, Add	396.52	
		For Kynar® Standard Colors Finish, Add	545.22	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,290.15	107.83
		Note: Includes bird screen.		
		For Flange Frame, Add	107.45	
		For Clear Lacquer Finish, Add	214.90	
		For Baked Enamel Standard Colors, Add	322.35	
		For Anodized Finish, Add	429.80	
		For Kynar® Standard Colors Finish, Add	590.98	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,444.28	115.91
		Note: Includes bird screen.		
		For Flange Frame, Add	121.25	
		For Clear Lacquer Finish, Add	242.49	
		For Baked Enamel Standard Colors, Add	363.74	
		For Anodized Finish, Add	484.98	
		For Kynar® Standard Colors Finish, Add	666.85	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,513.78	124.00
		Note: Includes bird screen.		
		For Flange Frame, Add	126.58	
		For Clear Lacquer Finish, Add	253.16	
		For Baked Enamel Standard Colors, Add	379.74	
		For Anodized Finish, Add	506.32	
		For Kynar® Standard Colors Finish, Add	696.18	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,664.36	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	140.02	
		For Clear Lacquer Finish, Add	280.04	
		For Baked Enamel Standard Colors, Add	420.06	
		For Anodized Finish, Add	560.08	
		For Kynar® Standard Colors Finish, Add	770.11	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,770.15	140.17
		Note: Includes bird screen.		
		For Flange Frame, Add	148.98	
		For Clear Lacquer Finish, Add	297.96	
		For Baked Enamel Standard Colors, Add	446.94	
		For Anodized Finish, Add	595.92	
		For Kynar® Standard Colors Finish, Add	819.39	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,884.03	145.56
		Note: Includes bird screen.		
		For Flange Frame, Add	159.29	
		For Clear Lacquer Finish, Add	318.58	
		For Baked Enamel Standard Colors, Add	477.87	
		For Anodized Finish, Add	637.16	
		For Kynar® Standard Colors Finish, Add	876.10	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,997.93		150.96
		Note: Includes bird screen.			
		For Flange Frame, Add	169.60		
		For Clear Lacquer Finish, Add	339.20		
		For Baked Enamel Standard Colors, Add	508.81		
		For Anodized Finish, Add	678.41		
		For Kynar® Standard Colors Finish, Add	932.81		
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,093.33		156.35
		Note: Includes bird screen.			
		For Flange Frame, Add	178.06		
		For Clear Lacquer Finish, Add	356.13		
		For Baked Enamel Standard Colors, Add	534.19		
		For Anodized Finish, Add	712.26		
		For Kynar® Standard Colors Finish, Add	979.35		
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,249.60		164.43
		Note: Includes bird screen.			
		For Flange Frame, Add	192.07		
		For Clear Lacquer Finish, Add	384.15		
		For Baked Enamel Standard Colors, Add	576.22		
		For Anodized Finish, Add	768.30		
		For Kynar® Standard Colors Finish, Add	1,056.41		
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	624.33		64.70
		Note: Includes bird screen.			
		For Flange Frame, Add	49.49		
		For Clear Lacquer Finish, Add	98.99		
		For Baked Enamel Standard Colors, Add	148.48		
		For Anodized Finish, Add	197.98		
		For Kynar® Standard Colors Finish, Add	272.22		
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	765.78		78.17
		Note: Includes bird screen.			
		For Flange Frame, Add	60.94		
		For Clear Lacquer Finish, Add	121.89		
		For Baked Enamel Standard Colors, Add	182.83		
		For Anodized Finish, Add	243.77		
		For Kynar® Standard Colors Finish, Add	335.19		
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	896.55		91.65
		Note: Includes bird screen.			
		For Flange Frame, Add	71.33		
		For Clear Lacquer Finish, Add	142.65		
		For Baked Enamel Standard Colors, Add	213.98		
		For Anodized Finish, Add	285.30		
		For Kynar® Standard Colors Finish, Add	392.29		
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,023.26		97.04
		Note: Includes bird screen.			
		For Flange Frame, Add	82.92		
		For Clear Lacquer Finish, Add	165.83		
		For Baked Enamel Standard Colors, Add	248.75		
		For Anodized Finish, Add	331.67		
		For Kynar® Standard Colors Finish, Add	456.04		
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,196.16		102.43
		Note: Includes bird screen.			
		For Flange Frame, Add	99.13		
		For Clear Lacquer Finish, Add	198.26		
		For Baked Enamel Standard Colors, Add	297.39		
		For Anodized Finish, Add	396.52		
		For Kynar® Standard Colors Finish, Add	545.22		
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,317.17		107.83
		Note: Includes bird screen.			
		For Flange Frame, Add	110.15		
		For Clear Lacquer Finish, Add	220.30		
		For Baked Enamel Standard Colors, Add	330.46		
		For Anodized Finish, Add	440.61		
		For Kynar® Standard Colors Finish, Add	605.84		
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,432.90		115.91
		Note: Includes bird screen.			
		For Flange Frame, Add	120.11		
		For Clear Lacquer Finish, Add	240.22		
		For Baked Enamel Standard Colors, Add	360.32		
		For Anodized Finish, Add	480.43		
		For Kynar® Standard Colors Finish, Add	660.59		
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,600.54		124.00
		Note: Includes bird screen.			
		For Flange Frame, Add	135.26		
		For Clear Lacquer Finish, Add	270.51		
		For Baked Enamel Standard Colors, Add	405.77		
		For Anodized Finish, Add	541.02		
		For Kynar® Standard Colors Finish, Add	743.90		
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,719.82		132.08
		Note: Includes bird screen.			
		For Flange Frame, Add	145.57		
		For Clear Lacquer Finish, Add	291.13		
		For Baked Enamel Standard Colors, Add	436.70		
		For Anodized Finish, Add	582.26		
		For Kynar® Standard Colors Finish, Add	800.61		
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,895.30		140.17
		Note: Includes bird screen.			
		For Flange Frame, Add	161.50		
		For Clear Lacquer Finish, Add	322.99		
		For Baked Enamel Standard Colors, Add	484.49		
		For Anodized Finish, Add	645.98		
		For Kynar® Standard Colors Finish, Add	888.22		

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,008.47	145.56
		Note: Includes bird screen.		
		For Flange Frame, Add	171.74	
		For Clear Lacquer Finish, Add	343.47	
		For Baked Enamel Standard Colors, Add	515.21	
		For Anodized Finish, Add	686.94	
		For Kynar® Standard Colors Finish, Add	944.54	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,137.31	150.96
		Note: Includes bird screen.		
		For Flange Frame, Add	183.54	
		For Clear Lacquer Finish, Add	367.08	
		For Baked Enamel Standard Colors, Add	550.62	
		For Anodized Finish, Add	734.16	
		For Kynar® Standard Colors Finish, Add	1,009.47	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,261.16	156.35
		Note: Includes bird screen.		
		For Flange Frame, Add	194.85	
		For Clear Lacquer Finish, Add	389.69	
		For Baked Enamel Standard Colors, Add	584.54	
		For Anodized Finish, Add	779.39	
		For Kynar® Standard Colors Finish, Add	1,071.66	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,364.39	161.73
		Note: Includes bird screen.		
		For Flange Frame, Add	204.09	
		For Clear Lacquer Finish, Add	408.18	
		For Baked Enamel Standard Colors, Add	612.27	
		For Anodized Finish, Add	816.36	
		For Kynar® Standard Colors Finish, Add	1,122.50	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,545.54	169.82
		Note: Includes bird screen.		
		For Flange Frame, Add	220.59	
		For Clear Lacquer Finish, Add	441.18	
		For Baked Enamel Standard Colors, Add	661.77	
		For Anodized Finish, Add	882.36	
		For Kynar® Standard Colors Finish, Add	1,213.24	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	671.38	70.09
		Note: Includes bird screen.		
		For Flange Frame, Add	53.12	
		For Clear Lacquer Finish, Add	106.24	
		For Baked Enamel Standard Colors, Add	159.36	
		For Anodized Finish, Add	212.48	
		For Kynar® Standard Colors Finish, Add	292.17	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	828.17	86.26
		Note: Includes bird screen.		
		For Flange Frame, Add	65.57	
		For Clear Lacquer Finish, Add	131.13	
		For Baked Enamel Standard Colors, Add	196.70	
		For Anodized Finish, Add	262.26	
		For Kynar® Standard Colors Finish, Add	360.61	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	960.68	97.04
		Note: Includes bird screen.		
		For Flange Frame, Add	76.66	
		For Clear Lacquer Finish, Add	153.32	
		For Baked Enamel Standard Colors, Add	229.98	
		For Anodized Finish, Add	306.64	
		For Kynar® Standard Colors Finish, Add	421.62	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,106.56	102.43
		Note: Includes bird screen.		
		For Flange Frame, Add	90.17	
		For Clear Lacquer Finish, Add	180.34	
		For Baked Enamel Standard Colors, Add	270.51	
		For Anodized Finish, Add	360.68	
		For Kynar® Standard Colors Finish, Add	495.94	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,288.42	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	106.74	
		For Clear Lacquer Finish, Add	213.48	
		For Baked Enamel Standard Colors, Add	320.22	
		For Anodized Finish, Add	426.96	
		For Kynar® Standard Colors Finish, Add	587.06	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,423.66	115.91
		Note: Includes bird screen.		
		For Flange Frame, Add	119.18	
		For Clear Lacquer Finish, Add	238.37	
		For Baked Enamel Standard Colors, Add	357.55	
		For Anodized Finish, Add	476.74	
		For Kynar® Standard Colors Finish, Add	655.51	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,544.36	124.00
		Note: Includes bird screen.		
		For Flange Frame, Add	129.64	
		For Clear Lacquer Finish, Add	259.27	
		For Baked Enamel Standard Colors, Add	388.91	
		For Anodized Finish, Add	518.55	
		For Kynar® Standard Colors Finish, Add	713.00	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,723.38	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	145.92	
		For Clear Lacquer Finish, Add	291.84	
		For Baked Enamel Standard Colors, Add	437.77	
		For Anodized Finish, Add	583.69	
		For Kynar® Standard Colors Finish, Add	802.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,851.21 157.09 314.17 471.26 628.34 863.97	140.17
08 91	19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,040.90 174.44 348.88 523.31 697.75 959.41	148.25
08 91	19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,161.18 185.39 370.78 556.17 741.56 1,019.64	153.65
08 91	19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,297.84 197.98 395.95 593.93 791.90 1,088.87	159.04
08 91	19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,431.64 210.28 420.56 630.83 841.11 1,156.53	164.43
08 91	19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,545.54 220.59 441.18 661.77 882.36 1,213.24	169.82
08 91	19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,733.38 238.30 476.59 714.89 953.18 1,310.63	175.21
08 91	19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	771.06 62.01 124.02 186.03 248.04 341.06	75.47
08 91	19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	952.73 76.94 153.89 230.83 307.77 423.19	91.65
08 91	19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,110.95 89.53 179.06 268.59 358.12 492.42	107.83
08 91	19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,269.64 104.32 208.64 312.96 417.28 573.77	113.22
08 91	19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,479.55 124.23 248.47 372.70 496.93 683.28	118.60
08 91	19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,626.85 137.89 275.77 413.66 551.54 758.37	124.00

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,770.31	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	150.62	
		For Clear Lacquer Finish, Add	301.23	
		For Baked Enamel Standard Colors, Add	451.85	
		For Anodized Finish, Add	602.46	
		For Kynar® Standard Colors Finish, Add	828.38	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,937.97	140.17
		Note: Includes bird screen.		
		For Flange Frame, Add	165.76	
		For Clear Lacquer Finish, Add	331.52	
		For Baked Enamel Standard Colors, Add	497.29	
		For Anodized Finish, Add	663.05	
		For Kynar® Standard Colors Finish, Add	911.69	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,080.72	148.25
		Note: Includes bird screen.		
		For Flange Frame, Add	178.42	
		For Clear Lacquer Finish, Add	356.84	
		For Baked Enamel Standard Colors, Add	535.26	
		For Anodized Finish, Add	713.68	
		For Kynar® Standard Colors Finish, Add	981.31	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,299.26	159.04
		Note: Includes bird screen.		
		For Flange Frame, Add	198.12	
		For Clear Lacquer Finish, Add	396.24	
		For Baked Enamel Standard Colors, Add	594.35	
		For Anodized Finish, Add	792.47	
		For Kynar® Standard Colors Finish, Add	1,089.65	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,437.03	167.13
		Note: Includes bird screen.		
		For Flange Frame, Add	210.28	
		For Clear Lacquer Finish, Add	420.56	
		For Baked Enamel Standard Colors, Add	630.83	
		For Anodized Finish, Add	841.11	
		For Kynar® Standard Colors Finish, Add	1,156.53	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,581.50	172.52
		Note: Includes bird screen.		
		For Flange Frame, Add	223.65	
		For Clear Lacquer Finish, Add	447.29	
		For Baked Enamel Standard Colors, Add	670.94	
		For Anodized Finish, Add	894.59	
		For Kynar® Standard Colors Finish, Add	1,230.06	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,728.83	177.90
		Note: Includes bird screen.		
		For Flange Frame, Add	237.30	
		For Clear Lacquer Finish, Add	474.60	
		For Baked Enamel Standard Colors, Add	711.90	
		For Anodized Finish, Add	949.20	
		For Kynar® Standard Colors Finish, Add	1,305.16	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,856.94	183.30
		Note: Includes bird screen.		
		For Flange Frame, Add	249.03	
		For Clear Lacquer Finish, Add	498.07	
		For Baked Enamel Standard Colors, Add	747.10	
		For Anodized Finish, Add	996.14	
		For Kynar® Standard Colors Finish, Add	1,369.69	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,066.12	188.69
		Note: Includes bird screen.		
		For Flange Frame, Add	268.87	
		For Clear Lacquer Finish, Add	537.75	
		For Baked Enamel Standard Colors, Add	806.62	
		For Anodized Finish, Add	1,075.50	
		For Kynar® Standard Colors Finish, Add	1,478.81	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	814.54	80.87
		Note: Includes bird screen.		
		For Flange Frame, Add	65.28	
		For Clear Lacquer Finish, Add	130.56	
		For Baked Enamel Standard Colors, Add	195.84	
		For Anodized Finish, Add	261.12	
		For Kynar® Standard Colors Finish, Add	359.05	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,004.77	97.04
		Note: Includes bird screen.		
		For Flange Frame, Add	81.07	
		For Clear Lacquer Finish, Add	162.14	
		For Baked Enamel Standard Colors, Add	243.20	
		For Anodized Finish, Add	324.27	
		For Kynar® Standard Colors Finish, Add	445.87	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,170.80	113.22
		Note: Includes bird screen.		
		For Flange Frame, Add	94.44	
		For Clear Lacquer Finish, Add	188.87	
		For Baked Enamel Standard Colors, Add	283.31	
		For Anodized Finish, Add	377.75	
		For Kynar® Standard Colors Finish, Add	519.40	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,344.12	121.30
		Note: Includes bird screen.		
		For Flange Frame, Add	110.15	
		For Clear Lacquer Finish, Add	220.30	
		For Baked Enamel Standard Colors, Add	330.46	
		For Anodized Finish, Add	440.61	
		For Kynar® Standard Colors Finish, Add	605.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,568.96	126.69
			<i>For Flange Frame, Add</i>	131.56	
			<i>For Clear Lacquer Finish, Add</i>	263.11	
			<i>For Baked Enamel Standard Colors, Add</i>	394.67	
			<i>For Anodized Finish, Add</i>	526.23	
			<i>For Kynar® Standard Colors Finish, Add</i>	723.56	
08 91	19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,724.09	132.08
			<i>For Flange Frame, Add</i>	145.99	
			<i>For Clear Lacquer Finish, Add</i>	291.99	
			<i>For Baked Enamel Standard Colors, Add</i>	437.98	
			<i>For Anodized Finish, Add</i>	583.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	802.96	
08 91	19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,876.81	140.17
			<i>For Flange Frame, Add</i>	159.65	
			<i>For Clear Lacquer Finish, Add</i>	319.29	
			<i>For Baked Enamel Standard Colors, Add</i>	478.94	
			<i>For Anodized Finish, Add</i>	638.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	878.05	
08 91	19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,048.30	145.56
			<i>For Flange Frame, Add</i>	175.72	
			<i>For Clear Lacquer Finish, Add</i>	351.44	
			<i>For Baked Enamel Standard Colors, Add</i>	527.15	
			<i>For Anodized Finish, Add</i>	702.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	966.45	
08 91	19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,197.45	153.65
			<i>For Flange Frame, Add</i>	189.02	
			<i>For Clear Lacquer Finish, Add</i>	378.03	
			<i>For Baked Enamel Standard Colors, Add</i>	567.05	
			<i>For Anodized Finish, Add</i>	756.06	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,039.59	
08 91	19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,437.03	167.13
			<i>For Flange Frame, Add</i>	210.28	
			<i>For Clear Lacquer Finish, Add</i>	420.56	
			<i>For Baked Enamel Standard Colors, Add</i>	630.83	
			<i>For Anodized Finish, Add</i>	841.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,156.53	
08 91	19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,588.31	175.21
			<i>For Flange Frame, Add</i>	223.79	
			<i>For Clear Lacquer Finish, Add</i>	447.58	
			<i>For Baked Enamel Standard Colors, Add</i>	671.37	
			<i>For Anodized Finish, Add</i>	895.16	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,230.84	
08 91	19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,737.06	180.61
			<i>For Flange Frame, Add</i>	237.59	
			<i>For Clear Lacquer Finish, Add</i>	475.17	
			<i>For Baked Enamel Standard Colors, Add</i>	712.76	
			<i>For Anodized Finish, Add</i>	950.34	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,306.72	
08 91	19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,887.93	186.00
			<i>For Flange Frame, Add</i>	251.59	
			<i>For Clear Lacquer Finish, Add</i>	503.19	
			<i>For Baked Enamel Standard Colors, Add</i>	754.78	
			<i>For Anodized Finish, Add</i>	1,006.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,383.77	
08 91	19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,029.57	191.38
			<i>For Flange Frame, Add</i>	264.68	
			<i>For Clear Lacquer Finish, Add</i>	529.36	
			<i>For Baked Enamel Standard Colors, Add</i>	794.04	
			<i>For Anodized Finish, Add</i>	1,058.72	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,455.73	
08 91	19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,252.25	196.78
			<i>For Flange Frame, Add</i>	285.87	
			<i>For Clear Lacquer Finish, Add</i>	571.74	
			<i>For Baked Enamel Standard Colors, Add</i>	857.61	
			<i>For Anodized Finish, Add</i>	1,143.48	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,572.29	
08 91	19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	866.57	86.26
			<i>For Flange Frame, Add</i>	69.41	
			<i>For Clear Lacquer Finish, Add</i>	138.81	
			<i>For Baked Enamel Standard Colors, Add</i>	208.22	
			<i>For Anodized Finish, Add</i>	277.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	381.73	
08 91	19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,061.76	102.43
			<i>For Flange Frame, Add</i>	85.69	
			<i>For Clear Lacquer Finish, Add</i>	171.38	
			<i>For Baked Enamel Standard Colors, Add</i>	257.07	
			<i>For Anodized Finish, Add</i>	342.76	
			<i>For Kynar® Standard Colors Finish, Add</i>	471.30	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,231.37	118.60
		Note: Includes bird screen.		
		For Flange Frame, Add	99.42	
		For Clear Lacquer Finish, Add	198.83	
		For Baked Enamel Standard Colors, Add	298.25	
		For Anodized Finish, Add	397.66	
		For Kynar® Standard Colors Finish, Add	546.78	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,416.07	126.69
		Note: Includes bird screen.		
		For Flange Frame, Add	116.27	
		For Clear Lacquer Finish, Add	232.54	
		For Baked Enamel Standard Colors, Add	348.80	
		For Anodized Finish, Add	465.07	
		For Kynar® Standard Colors Finish, Add	639.47	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,653.69	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	138.95	
		For Clear Lacquer Finish, Add	277.91	
		For Baked Enamel Standard Colors, Add	416.86	
		For Anodized Finish, Add	555.81	
		For Kynar® Standard Colors Finish, Add	764.24	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,815.24	137.48
		Note: Includes bird screen.		
		For Flange Frame, Add	154.03	
		For Clear Lacquer Finish, Add	308.06	
		For Baked Enamel Standard Colors, Add	462.09	
		For Anodized Finish, Add	616.12	
		For Kynar® Standard Colors Finish, Add	847.16	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,978.61	145.56
		Note: Includes bird screen.		
		For Flange Frame, Add	168.75	
		For Clear Lacquer Finish, Add	337.50	
		For Baked Enamel Standard Colors, Add	506.25	
		For Anodized Finish, Add	675.00	
		For Kynar® Standard Colors Finish, Add	928.12	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,160.07	150.96
		Note: Includes bird screen.		
		For Flange Frame, Add	185.82	
		For Clear Lacquer Finish, Add	371.63	
		For Baked Enamel Standard Colors, Add	557.45	
		For Anodized Finish, Add	743.26	
		For Kynar® Standard Colors Finish, Add	1,021.99	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,319.88	159.04
		Note: Includes bird screen.		
		For Flange Frame, Add	200.18	
		For Clear Lacquer Finish, Add	400.36	
		For Baked Enamel Standard Colors, Add	600.54	
		For Anodized Finish, Add	800.72	
		For Kynar® Standard Colors Finish, Add	1,100.99	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,574.39	172.52
		Note: Includes bird screen.		
		For Flange Frame, Add	222.94	
		For Clear Lacquer Finish, Add	445.87	
		For Baked Enamel Standard Colors, Add	668.81	
		For Anodized Finish, Add	891.74	
		For Kynar® Standard Colors Finish, Add	1,226.15	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,732.80	180.61
		Note: Includes bird screen.		
		For Flange Frame, Add	237.16	
		For Clear Lacquer Finish, Add	474.32	
		For Baked Enamel Standard Colors, Add	711.48	
		For Anodized Finish, Add	948.64	
		For Kynar® Standard Colors Finish, Add	1,304.37	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,898.30	188.69
		Note: Includes bird screen.		
		For Flange Frame, Add	252.09	
		For Clear Lacquer Finish, Add	504.18	
		For Baked Enamel Standard Colors, Add	756.28	
		For Anodized Finish, Add	1,008.37	
		For Kynar® Standard Colors Finish, Add	1,386.51	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	3,049.17	194.09
		Note: Includes bird screen.		
		For Flange Frame, Add	266.10	
		For Clear Lacquer Finish, Add	532.20	
		For Baked Enamel Standard Colors, Add	798.30	
		For Anodized Finish, Add	1,064.40	
		For Kynar® Standard Colors Finish, Add	1,463.56	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,200.05	199.47
		Note: Includes bird screen.		
		For Flange Frame, Add	280.11	
		For Clear Lacquer Finish, Add	560.22	
		For Baked Enamel Standard Colors, Add	840.33	
		For Anodized Finish, Add	1,120.44	
		For Kynar® Standard Colors Finish, Add	1,540.61	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,436.97	204.86
		Note: Includes bird screen.		
		For Flange Frame, Add	302.72	
		For Clear Lacquer Finish, Add	605.45	
		For Baked Enamel Standard Colors, Add	908.17	
		For Anodized Finish, Add	1,210.90	
		For Kynar® Standard Colors Finish, Add	1,664.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	909.35	91.65
			<i>For Flange Frame, Add</i>	72.61	
			<i>For Clear Lacquer Finish, Add</i>	145.21	
			<i>For Baked Enamel Standard Colors, Add</i>	217.82	
			<i>For Anodized Finish, Add</i>	290.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	399.33	
08 91	19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,112.37	107.83
			<i>For Flange Frame, Add</i>	89.67	
			<i>For Clear Lacquer Finish, Add</i>	179.34	
			<i>For Baked Enamel Standard Colors, Add</i>	269.02	
			<i>For Anodized Finish, Add</i>	358.69	
			<i>For Kynar® Standard Colors Finish, Add</i>	493.20	
08 91	19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,299.03	124.00
			<i>For Flange Frame, Add</i>	105.10	
			<i>For Clear Lacquer Finish, Add</i>	210.21	
			<i>For Baked Enamel Standard Colors, Add</i>	315.31	
			<i>For Anodized Finish, Add</i>	420.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	578.07	
08 91	19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,489.42	132.08
			<i>For Flange Frame, Add</i>	122.53	
			<i>For Clear Lacquer Finish, Add</i>	245.05	
			<i>For Baked Enamel Standard Colors, Add</i>	367.58	
			<i>For Anodized Finish, Add</i>	490.10	
			<i>For Kynar® Standard Colors Finish, Add</i>	673.89	
08 91	19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,741.99	137.48
			<i>For Flange Frame, Add</i>	146.70	
			<i>For Clear Lacquer Finish, Add</i>	293.41	
			<i>For Baked Enamel Standard Colors, Add</i>	440.11	
			<i>For Anodized Finish, Add</i>	586.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	806.87	
08 91	19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,912.77	142.87
			<i>For Flange Frame, Add</i>	162.70	
			<i>For Clear Lacquer Finish, Add</i>	325.41	
			<i>For Baked Enamel Standard Colors, Add</i>	488.11	
			<i>For Anodized Finish, Add</i>	650.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	894.87	
08 91	19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,079.71	150.96
			<i>For Flange Frame, Add</i>	177.78	
			<i>For Clear Lacquer Finish, Add</i>	355.56	
			<i>For Baked Enamel Standard Colors, Add</i>	533.34	
			<i>For Anodized Finish, Add</i>	711.12	
			<i>For Kynar® Standard Colors Finish, Add</i>	977.79	
08 91	19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,275.38	156.35
			<i>For Flange Frame, Add</i>	196.27	
			<i>For Clear Lacquer Finish, Add</i>	392.54	
			<i>For Baked Enamel Standard Colors, Add</i>	588.81	
			<i>For Anodized Finish, Add</i>	785.08	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,079.48	
08 91	19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,443.02	164.43
			<i>For Flange Frame, Add</i>	211.42	
			<i>For Clear Lacquer Finish, Add</i>	422.83	
			<i>For Baked Enamel Standard Colors, Add</i>	634.25	
			<i>For Anodized Finish, Add</i>	845.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,162.79	
08 91	19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,712.47	177.90
			<i>For Flange Frame, Add</i>	235.67	
			<i>For Clear Lacquer Finish, Add</i>	471.33	
			<i>For Baked Enamel Standard Colors, Add</i>	707.00	
			<i>For Anodized Finish, Add</i>	942.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,296.16	
08 91	19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,876.55	186.00
			<i>For Flange Frame, Add</i>	250.46	
			<i>For Clear Lacquer Finish, Add</i>	500.91	
			<i>For Baked Enamel Standard Colors, Add</i>	751.37	
			<i>For Anodized Finish, Add</i>	1,001.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,377.51	
08 91	19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,056.28	194.09
			<i>For Flange Frame, Add</i>	266.81	
			<i>For Clear Lacquer Finish, Add</i>	533.62	
			<i>For Baked Enamel Standard Colors, Add</i>	800.44	
			<i>For Anodized Finish, Add</i>	1,067.25	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,467.47	
08 91	19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,246.99	199.47
			<i>For Flange Frame, Add</i>	284.80	
			<i>For Clear Lacquer Finish, Add</i>	569.61	
			<i>For Baked Enamel Standard Colors, Add</i>	854.41	
			<i>For Anodized Finish, Add</i>	1,139.22	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,566.42	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,419.19	204.86
		Note: Includes bird screen.		
		For Flange Frame, Add	300.95	
		For Clear Lacquer Finish, Add	601.89	
		For Baked Enamel Standard Colors, Add	902.84	
		For Anodized Finish, Add	1,203.78	
		For Kynar® Standard Colors Finish, Add	1,655.20	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,673.88	210.26
		Note: Includes bird screen.		
		For Flange Frame, Add	325.34	
		For Clear Lacquer Finish, Add	650.67	
		For Baked Enamel Standard Colors, Add	976.01	
		For Anodized Finish, Add	1,301.35	
		For Kynar® Standard Colors Finish, Add	1,789.35	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	966.06	99.74
		Note: Includes bird screen.		
		For Flange Frame, Add	76.66	
		For Clear Lacquer Finish, Add	153.32	
		For Baked Enamel Standard Colors, Add	229.98	
		For Anodized Finish, Add	306.64	
		For Kynar® Standard Colors Finish, Add	421.62	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,171.92	115.91
		Note: Includes bird screen.		
		For Flange Frame, Add	94.01	
		For Clear Lacquer Finish, Add	188.02	
		For Baked Enamel Standard Colors, Add	282.03	
		For Anodized Finish, Add	376.04	
		For Kynar® Standard Colors Finish, Add	517.06	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,365.68	132.08
		Note: Includes bird screen.		
		For Flange Frame, Add	110.15	
		For Clear Lacquer Finish, Add	220.30	
		For Baked Enamel Standard Colors, Add	330.46	
		For Anodized Finish, Add	440.61	
		For Kynar® Standard Colors Finish, Add	605.84	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,561.79	140.17
		Note: Includes bird screen.		
		For Flange Frame, Add	128.14	
		For Clear Lacquer Finish, Add	256.29	
		For Baked Enamel Standard Colors, Add	384.43	
		For Anodized Finish, Add	512.58	
		For Kynar® Standard Colors Finish, Add	704.79	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,831.41	145.56
		Note: Includes bird screen.		
		For Flange Frame, Add	154.03	
		For Clear Lacquer Finish, Add	308.06	
		For Baked Enamel Standard Colors, Add	462.09	
		For Anodized Finish, Add	616.12	
		For Kynar® Standard Colors Finish, Add	847.16	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,007.89	150.96
		Note: Includes bird screen.		
		For Flange Frame, Add	170.60	
		For Clear Lacquer Finish, Add	341.20	
		For Baked Enamel Standard Colors, Add	511.79	
		For Anodized Finish, Add	682.39	
		For Kynar® Standard Colors Finish, Add	938.29	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,176.54	156.35
		Note: Includes bird screen.		
		For Flange Frame, Add	186.39	
		For Clear Lacquer Finish, Add	372.77	
		For Baked Enamel Standard Colors, Add	559.16	
		For Anodized Finish, Add	745.54	
		For Kynar® Standard Colors Finish, Add	1,025.12	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,382.88	161.73
		Note: Includes bird screen.		
		For Flange Frame, Add	205.94	
		For Clear Lacquer Finish, Add	411.88	
		For Baked Enamel Standard Colors, Add	617.82	
		For Anodized Finish, Add	823.76	
		For Kynar® Standard Colors Finish, Add	1,132.67	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,559.06	169.82
		Note: Includes bird screen.		
		For Flange Frame, Add	221.94	
		For Clear Lacquer Finish, Add	443.88	
		For Baked Enamel Standard Colors, Add	665.82	
		For Anodized Finish, Add	887.76	
		For Kynar® Standard Colors Finish, Add	1,220.68	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,843.43	183.30
		Note: Includes bird screen.		
		For Flange Frame, Add	247.68	
		For Clear Lacquer Finish, Add	495.37	
		For Baked Enamel Standard Colors, Add	743.05	
		For Anodized Finish, Add	990.73	
		For Kynar® Standard Colors Finish, Add	1,362.26	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,014.64	191.38
		Note: Includes bird screen.		
		For Flange Frame, Add	263.19	
		For Clear Lacquer Finish, Add	526.37	
		For Baked Enamel Standard Colors, Add	789.56	
		For Anodized Finish, Add	1,052.74	
		For Kynar® Standard Colors Finish, Add	1,447.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	3,210.01 281.11 562.21 843.32 1,124.42 1,546.08	199.47
08 91	19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	3,412.08 300.24 600.47 900.71 1,200.94 1,651.29	204.86
08 91	19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	3,585.42 315.95 631.90 947.85 1,263.80 1,737.73	212.95
08 91	19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	3,855.03 341.84 683.67 1,025.51 1,367.34 1,880.09	218.34
08 91	19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,015.66 80.00 160.00 240.00 320.00 440.01	107.83
08 91	19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,228.62 98.06 196.13 294.19 392.25 539.35	124.00
08 91	19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,431.65 115.13 230.26 345.39 460.52 633.22	140.17
08 91	19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,638.40 134.19 268.38 402.56 536.75 738.03	148.25
08 91	19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	1,916.55 160.93 321.85 482.78 643.70 885.09	153.65
08 91	19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,122.19 180.41 360.82 541.23 721.64 992.26	159.04
08 91	19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,301.51 197.27 394.53 591.80 789.06 1,084.96	164.43
08 91	19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,497.90 215.83 431.65 647.48 863.30 1,187.04	169.82
08 91	19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar® Standard Colors Finish, Add	2,680.05 232.96 465.93 698.89 931.85 1,281.30	175.21

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0221	EA		96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,985.06	188.69
			<i>For Flange Frame, Add</i>	260.77	
			<i>For Clear Lacquer Finish, Add</i>	521.54	
			<i>For Baked Enamel Standard Colors, Add</i>	782.30	
			<i>For Anodized Finish, Add</i>	1,043.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,434.22	
08 91 19 00-0222	EA		96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,396.77	196.78
			<i>For Flange Frame, Add</i>	200.32	
			<i>For Clear Lacquer Finish, Add</i>	400.64	
			<i>For Baked Enamel Standard Colors, Add</i>	600.97	
			<i>For Anodized Finish, Add</i>	801.29	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,101.77	
08 91 19 00-0223	EA		96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,361.59	204.86
			<i>For Flange Frame, Add</i>	295.19	
			<i>For Clear Lacquer Finish, Add</i>	590.37	
			<i>For Baked Enamel Standard Colors, Add</i>	885.56	
			<i>For Anodized Finish, Add</i>	1,180.74	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,623.52	
08 91 19 00-0224	EA		96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,570.77	210.26
			<i>For Flange Frame, Add</i>	315.03	
			<i>For Clear Lacquer Finish, Add</i>	630.05	
			<i>For Baked Enamel Standard Colors, Add</i>	945.08	
			<i>For Anodized Finish, Add</i>	1,260.10	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,732.64	
08 91 19 00-0225	EA		96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,752.63	218.34
			<i>For Flange Frame, Add</i>	331.60	
			<i>For Clear Lacquer Finish, Add</i>	663.19	
			<i>For Baked Enamel Standard Colors, Add</i>	994.79	
			<i>For Anodized Finish, Add</i>	1,326.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,823.77	
08 91 19 00-0226	EA		96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,044.02	226.43
			<i>For Flange Frame, Add</i>	359.12	
			<i>For Clear Lacquer Finish, Add</i>	718.23	
			<i>For Baked Enamel Standard Colors, Add</i>	1,077.35	
			<i>For Anodized Finish, Add</i>	1,436.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,975.14	
08 91 19 00-0227			Gable Louver Vents (08 91 19) Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228			Aluminum Gable Louver Vents (08 91 19 00-0227) Note: Includes screen.		
08 91 19 00-0229			Rectangular Aluminum Gable Louver Vents (08 91 19 00-0228) Note: Includes screen.		
08 91 19 00-0230	EA		12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	165.29	9.64
08 91 19 00-0231	EA		12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	181.26	11.06
08 91 19 00-0232	EA		18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	208.90	12.49
08 91 19 00-0233	EA		18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	228.76	13.29
08 91 19 00-0234	EA		24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	260.29	14.06
08 91 19 00-0235	EA		24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	292.07	16.87
08 91 19 00-0236	EA		30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	339.76	21.08
08 91 19 00-0237	EA		30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	379.49	24.60
08 91 19 00-0238	EA		36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	435.13	29.53
08 91 19 00-0239	EA		42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	546.38	39.36
08 91 19 00-0240			Square Aluminum Gable Louver Vents (08 91 19 00-0228) Note: Includes screen.		
08 91 19 00-0241	EA		12" x 12" Square Fixed Aluminum Gable Louver Vent.....	151.34	8.87
08 91 19 00-0242	EA		18" x 18" Square Fixed Aluminum Gable Louver Vent.....	187.63	11.25
08 91 19 00-0243	EA		24" x 24" Square Fixed Aluminum Gable Louver Vent.....	234.59	13.28
08 91 19 00-0244	EA		30" x 30" Square Fixed Aluminum Gable Louver Vent.....	300.01	17.57
08 91 19 00-0245	EA		36" x 36" Square Fixed Aluminum Gable Louver Vent.....	387.45	25.30
08 91 19 00-0246	EA		42" x 42" Square Fixed Aluminum Gable Louver Vent.....	490.67	34.42
08 91 19 00-0247	EA		48" x 48" Square Fixed Aluminum Gable Louver Vent.....	609.96	44.98
08 91 19 00-0248			Round Aluminum Gable Louver Vents (08 91 19 00-0228) Note: Includes screen.		
08 91 19 00-0249	EA		12" Diameter Round Fixed Aluminum Gable Louver Vent.....	151.34	8.87
08 91 19 00-0250	EA		18" Diameter Round Fixed Aluminum Gable Louver Vent.....	187.63	11.25
08 91 19 00-0251	EA		24" Diameter Round Fixed Aluminum Gable Louver Vent.....	234.59	13.28
08 91 19 00-0252	EA		30" Diameter Round Fixed Aluminum Gable Louver Vent.....	300.01	17.57
08 91 19 00-0253	EA		36" Diameter Round Fixed Aluminum Gable Louver Vent.....	387.45	25.30
08 91 19 00-0254	EA		42" Diameter Round Fixed Aluminum Gable Louver Vent.....	490.75	34.44
08 91 19 00-0255			Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228) Note: Includes screen.		
08 91 19 00-0256	EA		12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	151.34	8.87
08 91 19 00-0257	EA		12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	165.29	9.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 91 19 00-0258	EA	12" x 24"	Octagonal Fixed Aluminum Gable Louver Vent.....	181.26	11.06
08 91 19 00-0259	EA	18" x 18"	Octagonal Fixed Aluminum Gable Louver Vent.....	187.63	11.25
08 91 19 00-0260	EA	18" x 24"	Octagonal Fixed Aluminum Gable Louver Vent.....	208.90	12.49
08 91 19 00-0261	EA	18" x 30"	Octagonal Fixed Aluminum Gable Louver Vent.....	228.76	13.29
08 91 19 00-0262	EA	24" x 24"	Octagonal Fixed Aluminum Gable Louver Vent.....	234.59	13.28
08 91 19 00-0263	EA	24" x 30"	Octagonal Fixed Aluminum Gable Louver Vent.....	260.29	14.06
08 91 19 00-0264	EA	24" x 36"	Octagonal Fixed Aluminum Gable Louver Vent.....	292.07	16.87
08 91 19 00-0265	EA	30" x 30"	Octagonal Fixed Aluminum Gable Louver Vent.....	300.01	17.57
08 91 19 00-0266	EA	30" x 36"	Octagonal Fixed Aluminum Gable Louver Vent.....	339.76	21.08
08 91 19 00-0267	EA	30" x 42"	Octagonal Fixed Aluminum Gable Louver Vent.....	379.49	24.60
08 91 19 00-0268	EA	36" x 36"	Octagonal Fixed Aluminum Gable Louver Vent.....	387.45	25.30
08 91 19 00-0269	EA	36" x 42"	Octagonal Fixed Aluminum Gable Louver Vent.....	435.13	29.53
08 91 19 00-0270	EA	36" x 48"	Octagonal Fixed Aluminum Gable Louver Vent.....	482.81	33.74
08 91 19 00-0271	EA	42" x 42"	Octagonal Fixed Aluminum Gable Louver Vent.....	490.75	34.44
08 91 19 00-0272	EA	42" x 48"	Octagonal Fixed Aluminum Gable Louver Vent.....	546.38	39.36
08 91 19 00-0273	EA	48" x 48"	Octagonal Fixed Aluminum Gable Louver Vent.....	609.96	44.98

08 91 19 00-0274 Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0275	EA	12" x 12"	Round Top Fixed Aluminum Gable Louver Vent.....	151.34	8.87
08 91 19 00-0276	EA	12" x 18"	Round Top Fixed Aluminum Gable Louver Vent.....	165.29	9.64
08 91 19 00-0277	EA	12" x 24"	Round Top Fixed Aluminum Gable Louver Vent.....	181.26	11.06
08 91 19 00-0278	EA	18" x 18"	Round Top Fixed Aluminum Gable Louver Vent.....	187.63	11.25
08 91 19 00-0279	EA	18" x 24"	Round Top Fixed Aluminum Gable Louver Vent.....	208.90	12.49
08 91 19 00-0280	EA	18" x 30"	Round Top Fixed Aluminum Gable Louver Vent.....	228.76	13.29
08 91 19 00-0281	EA	24" x 24"	Round Top Fixed Aluminum Gable Louver Vent.....	234.59	13.28
08 91 19 00-0282	EA	24" x 30"	Round Top Fixed Aluminum Gable Louver Vent.....	260.29	14.06
08 91 19 00-0283	EA	24" x 36"	Round Top Fixed Aluminum Gable Louver Vent.....	292.07	16.87
08 91 19 00-0284	EA	30" x 30"	Round Top Fixed Aluminum Gable Louver Vent.....	300.01	17.57
08 91 19 00-0285	EA	30" x 36"	Round Top Fixed Aluminum Gable Louver Vent.....	339.76	21.08
08 91 19 00-0286	EA	30" x 42"	Round Top Fixed Aluminum Gable Louver Vent.....	379.49	24.60
08 91 19 00-0287	EA	36" x 36"	Round Top Fixed Aluminum Gable Louver Vent.....	387.45	25.30
08 91 19 00-0288	EA	36" x 42"	Round Top Fixed Aluminum Gable Louver Vent.....	435.13	29.53
08 91 19 00-0289	EA	36" x 48"	Round Top Fixed Aluminum Gable Louver Vent.....	482.81	33.74
08 91 19 00-0290	EA	42" x 42"	Round Top Fixed Aluminum Gable Louver Vent.....	490.75	34.44
08 91 19 00-0291	EA	42" x 48"	Round Top Fixed Aluminum Gable Louver Vent.....	546.38	39.36
08 91 19 00-0292	EA	48" x 48"	Round Top Fixed Aluminum Gable Louver Vent.....	609.96	44.98

08 91 19 00-0293 Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)

Note: Includes screen.

08 91 19 00-0294	EA	36" Base x 30" High	Triangle Fixed Aluminum Gable Louver Vent.....	309.67	11.06
08 91 19 00-0295	EA	36" Base x 36" High	Triangle Fixed Aluminum Gable Louver Vent.....	351.33	13.28
08 91 19 00-0296	EA	48" Base x 30" High	Triangle Fixed Aluminum Gable Louver Vent.....	377.02	14.06
08 91 19 00-0297	EA	48" Base x 36" High	Triangle Fixed Aluminum Gable Louver Vent.....	432.16	16.87
08 91 19 00-0298	EA	48" Base x 42" High	Triangle Fixed Aluminum Gable Louver Vent.....	480.95	17.57
08 91 19 00-0299	EA	60" Base x 24" High	Triangle Fixed Aluminum Gable Louver Vent.....	398.12	21.08
08 91 19 00-0300	EA	60" Base x 30" High	Triangle Fixed Aluminum Gable Louver Vent.....	467.04	24.60
08 91 19 00-0301	EA	60" Base x 36" High	Triangle Fixed Aluminum Gable Louver Vent.....	527.53	25.30
08 91 19 00-0302	EA	60" Base x 42" High	Triangle Fixed Aluminum Gable Louver Vent.....	598.56	29.53
08 91 19 00-0303	EA	72" Base x 24" High	Triangle Fixed Aluminum Gable Louver Vent.....	482.81	33.74
08 91 19 00-0304	EA	72" Base x 30" High	Triangle Fixed Aluminum Gable Louver Vent.....	554.96	34.44
08 91 19 00-0305	EA	72" Base x 36" High	Triangle Fixed Aluminum Gable Louver Vent.....	639.77	39.36
08 91 19 00-0306	EA	72" Base x 42" High	Triangle Fixed Aluminum Gable Louver Vent.....	726.70	44.98
08 91 19 00-0307	EA	72" Base x 48" High	Triangle Fixed Aluminum Gable Louver Vent.....	816.88	51.69

08 91 19 00-0308 Vinyl Gable Louver Vents (08 91 19 00-0227)

Note: Includes screen.

08 91 19 00-0309	EA	12" x 12"	Square Fixed Vinyl Gable Louver Vent.....	53.60	8.87
08 91 19 00-0310	EA	12" x 18"	Rectangular Fixed Vinyl Gable Louver Vent.....	63.99	9.64
08 91 19 00-0311	EA	18" x 24"	Rectangular Fixed Vinyl Gable Louver Vent.....	86.85	12.49
08 91 19 00-0312	EA	24" x 30"	Rectangular Fixed Vinyl Gable Louver Vent.....	116.75	14.06
08 91 19 00-0313	EA	18" Diameter Round	Fixed Vinyl Gable Louver Vent.....	83.46	11.25
08 91 19 00-0314	EA	22" Diameter Round	Fixed Vinyl Gable Louver Vent.....	96.66	13.28
08 91 19 00-0315	EA	30" Diameter Round	Fixed Vinyl Gable Louver Vent.....	135.45	17.57
08 91 19 00-0316	EA	36" Diameter Round	Fixed Vinyl Gable Louver Vent.....	197.70	25.30
08 91 19 00-0317	EA	18" x 18"	Octagonal Fixed Vinyl Gable Louver Vent.....	83.46	11.25
08 91 19 00-0318	EA	22" x 22"	Octagonal Fixed Vinyl Gable Louver Vent.....	94.32	12.49
08 91 19 00-0319	EA	27" x 27"	Octagonal Fixed Vinyl Gable Louver Vent.....	120.19	14.06
08 91 19 00-0320	EA	32" x 32"	Octagonal Fixed Vinyl Gable Louver Vent.....	171.49	21.08
08 91 19 00-0321	EA	40" x 40"	Octagonal Fixed Vinyl Gable Louver Vent.....	395.74	33.74
08 91 19 00-0322	EA	14" x 22"	Round Top Fixed Vinyl Gable Louver Vent.....	81.83	11.06
08 91 19 00-0323	EA	22" x 32"	Round Top Fixed Vinyl Gable Louver Vent.....	113.06	14.06
08 91 19 00-0324	EA	34" x 22"	Half Round Fixed Vinyl Gable Louver Vent.....	118.81	16.87
08 91 19 00-0325	EA	52" Base x 26" High	Triangle Fixed Vinyl Gable Louver Vent.....	259.89	21.08
08 91 19 00-0326	EA	56" Base x 23" High	Triangle Fixed Vinyl Gable Louver Vent.....	259.89	21.08
08 91 19 00-0327	EA	56" Base x 26" High	Triangle Fixed Vinyl Gable Louver Vent.....	259.89	21.08
08 91 19 00-0328	EA	62" Base x 23" High	Triangle Fixed Vinyl Gable Louver Vent.....	259.89	21.08
08 91 19 00-0329	EA	62-1/2" Base x 21" High	Triangle Fixed Vinyl Gable Louver Vent.....	259.89	21.08
08 91 19 00-0330	EA	70-1/2" Base x 17" High	Triangle Fixed Vinyl Gable Louver Vent.....	297.88	33.74
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High	Triangle Fixed Vinyl Gable Louver Vent.....	297.88	33.74
08 91 19 00-0332	EA	72-1/2" Base x 18" High	Triangle Fixed Vinyl Gable Louver Vent.....	297.88	33.74
08 91 19 00-0333	EA	74" Base x 14-1/2" High	Triangle Fixed Vinyl Gable Louver Vent.....	297.88	33.74

08 Openings**08 90 Louvers And Vents****08 91 Louvers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 95 Vents (08 90)**08 95 13 Soffit Vents** (08 95)**08 95 13 00-0001 Aluminum Soffit Vents** (08 95 13)

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	6.55	2.48
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	12.00	4.85
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	18.92	6.47
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	19.50	6.47

08 95 13 00-0006 Vinyl Soffit Vents (08 95 13)

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	5.72	2.53
		<i>For Colors, Add</i>	0.07	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	5.68	2.53
		<i>For Colors, Add</i>	0.06	

08 95 16 Wall Vents (08 95)**08 95 16 00-0001 Foundation Vents** (08 95 16)

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.45	0.19
08 95 16 00-0003	SI	Aluminum Foundation Vent.....	0.70	0.19
08 95 16 00-0004	SI	Stainless Steel Foundation Vent.....	0.76	0.19
08 95 16 00-0005	SI	Plastic Foundation Vent.....	0.38	0.19

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2020.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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



The Unit Prices Include:

LABOR COSTS:

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

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EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

The Adjustment Factors Include:

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

BUSINESS COSTS:

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

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

PROJECT RELATED COSTS:

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

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

PRICE VARIATIONS:

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

SUMMARY:

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

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

General Rules:

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

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

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2

stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

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

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.
 - **Asphalt** = 1.25
 - **Concrete** = 1.40

CONVERSIONS:

- 1 Acre** = 43,560 Square Feet = 4046.8 Square Meters
- 1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches
- 1 Centimeter** = 0.3937 Inches = 0.0328 Feet
- 1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters
- 1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet
- 1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters
- 1 Foot** = 12 Inches = 0.3048 Meters
- 1 Inch** = 2.54 Centimeters = 0.0254 Meters
- 1 Kilogram** = 2.2046 Pounds
- 1 Kilometer** = 0.6214 Miles = 3280 Feet
- 1 Meter** = 100 Centimeters = 3.2808 Feet
- 1 Mile** = 5280 Feet = 1.6093 Kilometers
- 1 Pound** = 0.4536 Kilograms
- 1 Square Foot** = 144 Square Inches = .0929 Square Meters
- 1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet
- 1 Square Yard** = 9 Square Feet = 0.8361 Square Meters
- 1 Ton** = 2000 Pounds = 907.185 Kilograms
- 1 Yard** = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

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

TRADEMARKS

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

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

09 01 Maintenance Of Finishes (09)

09 01 20 Maintenance Of Plaster And Gypsum Board (09 01)

09 01 20 91 Plaster Restoration (09 01 20)

09 01 20 91-0001	Cut And Patch Hole In Gypsum Board To Match Existing <small>(09 01 20 91)</small>	
	Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 16 SF.	
09 01 20 91-0002	SF Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing.....	18.40
	Note: Per location.	
09 01 20 91-0003	SF >2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing	14.83
	Note: Per location.	
09 01 20 91-0004	SF >4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing	13.29
	Note: Per location.	
09 01 20 91-0005	SF >8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing	11.70
	Note: Per location.	

09 01 20 91-0006 Patch/Finish Gypsum Board To Match Existing (09 01 20 91)

09 01 20 91-0007	EA Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	1.71
	For ASTM C840 Level 1 Finish, Deduct	-0.83
	For ASTM C840 Level 2 Finish, Deduct	-0.42
	For ASTM C840 Level 3 Finish, Deduct	-0.17
	For ASTM C840 Level 5 High Quality Finish, Add	1.27

09 01 20 91-0008 Plaster/Stucco Repair (09 01 20 91)

Note: Per location.

09 01 20 91-0009 Clean And Repair Crack In Plaster/Stucco (09 01 20 91-0008)

Note: Includes plaster weld.

09 01 20 91-0010	LF Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	18.02
09 01 20 91-0011	LF >10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	14.45
09 01 20 91-0012	LF >50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	11.77
09 01 20 91-0013	LF >100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	9.08
09 01 20 91-0014	LF >250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	7.30
09 01 20 91-0015	LF >500', Chip, Clean And Repair Crack In Plaster/Stucco	5.51

09 01 20 91-0016 Cut And Patch Hole In Plaster/Stucco To Match Existing (09 01 20 91-0008)

Note: Includes plaster weld.

09 01 20 91-0017	SF Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing.....	16.86
09 01 20 91-0018	SF >10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	14.88
09 01 20 91-0019	SF >50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	13.67
09 01 20 91-0020	SF >100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	12.67
09 01 20 91-0021	SF >250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	11.80
09 01 20 91-0022	SF >500 SF, Cut And Patch Hole In Plaster To Match Existing	10.83

09 01 20 91-0023 Chip, Clean And Repair Plaster/Stucco (09 01 20 91-0008)

Note: Includes plaster weld.

09 01 20 91-0024	SF Up To 10 SF, Chip, Clean And Repair Plaster/Stucco.....	32.19
09 01 20 91-0025	SF >10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	23.25
09 01 20 91-0026	SF >50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	16.99
09 01 20 91-0027	SF >250 SF, Chip, Clean And Repair Plaster/Stucco	13.42

09 01 30 Maintenance of Tiling (09 01)

09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF RegROUT Floor Tile Including Removal Of Loose Grout	7.22
09 01 30 91-0002	SF RegROUT Wall Tile Including Removal Of Loose Grout	9.00
09 01 30 91-0003	SF Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing	47.33
	Note: Per location.	

09 01 60 Maintenance Of Flooring (09 01)

09 01 60 91 Flooring Restoration (09 01 60)

09 01 60 91-0001	Grinding, Polishing And Sealing Terrazzo <small>(09 01 60 91)</small>	
09 01 60 91-0002	CSF Grinding, Polishing And Sealing Existing Terrazzo.....	290.49
09 01 60 91-0003	SF Removal Of Setting Bed And Clean Area For Terrazzo Repair	4.40
09 01 60 91-0004	SF Repair Existing Terrazzo.....	20.61
09 01 60 91-0005	LF Repair Cracks In Existing Terrazzo	4.58

09 01 60 91-0006 Standard Flooring Maintenance (09 01 60 91)

09 Finishes

09 01 Maintenance Of Finishes

09 01 60 Maintenance Of Flooring

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 01 60 91-0007	CSF	Steam Clean Carpet	36.52	
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	39.36	
		<i>For Additional Coat, Add</i>	32.63	
		<i>For Stripping Existing Wax From Floor, Add</i>	36.96	
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	22.60	
		<i>For Additional Coat, Add</i>	19.61	
		<i>For Stripping Existing Wax From Floor, Add</i>	36.96	
09 01 60 91-0010	MSF	Vacuum Floors.....	20.77	
09 01 60 91-0011		Prepare Existing Concrete Floor Prior To Installation Of Flooring (09 01 60 91)		
09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring.....	8.80	
09 01 60 91-0013	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring.....	6.75	
09 01 60 91-0014		Floor Sealants (09 01 60 91)		
09 01 60 91-0015	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat.....	1.21	
		<i>Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.</i>		
09 01 60 91-0016	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat.....	1.32	
		<i>Note: For interior/exterior concrete surfaces.</i>		
09 01 60 91-0017	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.35	
09 01 60 91-0018	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	28.79	
09 01 60 91-0019		Double Stick Tape (09 01 60 91)		
09 01 60 91-0020	SF	Double Stick Tape; DryFix Tape	3.07	
09 01 80		Maintenance Of Acoustic Treatment (09 01)		
09 01 80 00-0001		Removal Of Acoustical Ceiling Treatment (09 01 80)		
09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment.....	2.26	
09 01 90		Maintenance Of Painting And Coating (09 01)		
09 01 90 52		Maintenance Repainting (09 01 90)		
09 01 90 52-0001		Cleaning And Preparation Of Painted And Unpainted Surfaces (09 01 90 52)		
		<i>Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.</i>		
09 01 90 52-0002		Concrete And Masonry Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.46	
		<i>For Up To 100, Add</i>	0.34	
		<i>For >100 To 250, Add</i>	0.16	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.02	
		<i>For >10,000 To 15,000, Deduct</i>	-0.05	
		<i>For >15,000 To 30,000, Deduct</i>	-0.07	
		<i>For >30,000, Deduct</i>	-0.09	
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.45	
		<i>For Up To 100, Add</i>	0.78	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.02	
		<i>For >10,000 To 15,000, Deduct</i>	-0.04	
		<i>For >15,000 To 30,000, Deduct</i>	-0.07	
		<i>For >30,000, Deduct</i>	-0.09	
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.72	
		<i>For Up To 100, Add</i>	1.24	
		<i>For >100 To 250, Add</i>	0.31	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >5,000 To 10,000, Deduct</i>	-0.03	
		<i>For >10,000 To 15,000, Deduct</i>	-0.07	
		<i>For >15,000 To 30,000, Deduct</i>	-0.11	
		<i>For >30,000, Deduct</i>	-0.14	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation.....	0.64	
		<i>For Up To 100, Add</i>	1.28	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >5,000 To 10,000, Deduct</i>	-0.03	
		<i>For >10,000 To 15,000, Deduct</i>	-0.06	
		<i>For >15,000 To 30,000, Deduct</i>	-0.10	
		<i>For >30,000, Deduct</i>	-0.13	
09 01 90 52-0007	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.65	
		<i>For Up To 100, Add</i>	1.12	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >5,000 To 10,000, Deduct</i>	-0.03	
		<i>For >10,000 To 15,000, Deduct</i>	-0.06	
		<i>For >15,000 To 30,000, Deduct</i>	-0.09	
		<i>For >30,000, Deduct</i>	-0.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
09 01 90 52-0008	SF			Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.42	
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.09	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.04	
				For >15,000 To 30,000, Deduct	-0.06	
				For >30,000, Deduct	-0.08	
09 01 90 52-0009	SF			10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.19	
				For Up To 100, Add	2.14	
				For >100 To 250, Add	0.54	
				For >250 To 500, Add	0.27	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 15,000, Deduct	-0.11	
				For >15,000 To 30,000, Deduct	-0.17	
				For >30,000, Deduct	-0.23	
09 01 90 52-0010	SF			30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.99	
				For Up To 100, Add	3.74	
				For >100 To 250, Add	0.94	
				For >250 To 500, Add	0.47	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 15,000, Deduct	-0.19	
				For >15,000 To 30,000, Deduct	-0.29	
				For >30,000, Deduct	-0.39	
09 01 90 52-0011	SF			Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation	2.74	
				For Heavy Condition Where Multiple Pass Is Required, Add	1.37	
				For Up To 100, Add	4.94	
				For >100 To 250, Add	1.24	
				For >250 To 500, Add	0.62	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 15,000, Deduct	-0.26	
				For >15,000 To 30,000, Deduct	-0.40	
				For >30,000, Deduct	-0.53	
09 01 90 52-0012				Drywall Surfaces, Surface Preparation (09 01 90 52-0001)		
				See CSI section 09 01 20 91-0006 for Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09 01 90 52-0013	SF			Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.36	
				For Up To 100, Add	0.72	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.09	
09 01 90 52-0014	SF			Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.63	
				For Up To 100, Add	1.26	
				For >100 To 250, Add	0.32	
				For >250 To 500, Add	0.16	
09 01 90 52-0015	SF			Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.14	
				For Up To 100, Add	2.18	
				For >100 To 250, Add	0.55	
				For >250 To 500, Add	0.27	
09 01 90 52-0016				Metal Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0017	SF			Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.44	
				For Up To 100, Add	0.32	
				For >100 To 250, Add	0.15	
				For >250 To 500, Add	0.06	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.04	
				For >15,000 To 30,000, Deduct	-0.07	
				For >30,000, Deduct	-0.09	
09 01 90 52-0018	SF			Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.72	
				For Up To 100, Add	0.47	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.09	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.07	
				For >15,000 To 30,000, Deduct	-0.11	
				For >30,000, Deduct	-0.14	
09 01 90 52-0019	SF			Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.64	
				For Up To 100, Add	0.48	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.10	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.06	
				For >15,000 To 30,000, Deduct	-0.10	
				For >30,000, Deduct	-0.13	
09 01 90 52-0020	SF			Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.40	
				For Up To 100, Add	0.26	
				For >100 To 250, Add	0.12	
				For >250 To 500, Add	0.05	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.04	
				For >15,000 To 30,000, Deduct	-0.06	
				For >30,000, Deduct	-0.08	

09 Finishes

09 01 Maintenance Of Finishes

09 01 90 Maintenance Of Painting And Coating

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0021	SF		Power Tool Cleaning, Metal Surfaces, Surface Preparation.....	1.17	
			For Up To 100, Add	0.88	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.12	
			For >15,000 To 30,000, Deduct	-0.18	
			For >30,000, Deduct	-0.23	
09 01 90 52-0022	SF		Steam Cleaning, Metal Surfaces, Surface Preparation.....	0.40	
			For Up To 100, Add	0.23	
			For >100 To 250, Add	0.11	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.08	
09 01 90 52-0023	SF		Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	0.87	
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 15,000, Deduct	-0.08	
			For >15,000 To 30,000, Deduct	-0.13	
			For >30,000, Deduct	-0.17	
09 01 90 52-0024	SF		Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.18	
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.11	
			For >15,000 To 30,000, Deduct	-0.17	
			For >30,000, Deduct	-0.23	
09 01 90 52-0025	SF		Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.74	
			For Up To 100, Add	1.13	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 15,000, Deduct	-0.16	
			For >15,000 To 30,000, Deduct	-0.25	
			For >30,000, Deduct	-0.34	
09 01 90 52-0026	SF		Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation.....	2.90	
			For Up To 100, Add	1.88	
			For >100 To 250, Add	0.88	
			For >250 To 500, Add	0.38	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 15,000, Deduct	-0.27	
			For >15,000 To 30,000, Deduct	-0.42	
			For >30,000, Deduct	-0.56	
09 01 90 52-0027	SF		Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation.....	2.20	
			For Up To 100, Add	1.40	
			For >100 To 250, Add	0.65	
			For >250 To 500, Add	0.28	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 15,000, Deduct	-0.21	
			For >15,000 To 30,000, Deduct	-0.32	
			For >30,000, Deduct	-0.42	
09 01 90 52-0028	SF		Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.72	
			For Up To 100, Add	1.73	
			For >100 To 250, Add	0.81	
			For >250 To 500, Add	0.35	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 15,000, Deduct	-0.26	
			For >15,000 To 30,000, Deduct	-0.40	
			For >30,000, Deduct	-0.52	
09 01 90 52-0029	SF		Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.53	
			For Up To 100, Add	2.25	
			For >100 To 250, Add	1.05	
			For >250 To 500, Add	0.45	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 15,000, Deduct	-0.33	
			For >15,000 To 30,000, Deduct	-0.51	
			For >30,000, Deduct	-0.68	
09 01 90 52-0030	SF		Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation.....	4.42	
			For Up To 100, Add	2.81	
			For >100 To 250, Add	1.31	
			For >250 To 500, Add	0.56	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 15,000, Deduct	-0.42	
			For >15,000 To 30,000, Deduct	-0.64	
			For >30,000, Deduct	-0.85	
09 01 90 52-0031			Tile Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0032	SF		Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation.....	0.40	
			For Up To 100, Add	0.29	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.08	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
09 01 90 52-0033	CSF			Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	41.25	
				<i>For Up To 100, Add</i>	30.78	
				<i>For >100 To 250, Add</i>	14.36	
				<i>For >250 To 500, Add</i>	6.16	
				<i>For >5,000 To 10,000, Deduct</i>	-2.06	
				<i>For >10,000 To 15,000, Deduct</i>	-4.12	
				<i>For >15,000 To 30,000, Deduct</i>	-6.18	
				<i>For >30,000, Deduct</i>	-8.24	
09 01 90 52-0034	SF			Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.29	
				<i>For Up To 100, Add</i>	0.19	
				<i>For >100 To 250, Add</i>	0.09	
				<i>For >250 To 500, Add</i>	0.04	
				<i>For >5,000 To 10,000, Deduct</i>	-0.01	
				<i>For >10,000 To 15,000, Deduct</i>	-0.03	
				<i>For >15,000 To 30,000, Deduct</i>	-0.04	
				<i>For >30,000, Deduct</i>	-0.06	
09 01 90 52-0035				Wood Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0036	SF			Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.31	
				<i>For Up To 100, Add</i>	0.95	
				<i>For >100 To 250, Add</i>	0.44	
				<i>For >250 To 500, Add</i>	0.19	
				<i>For >5,000 To 10,000, Deduct</i>	-0.06	
				<i>For >10,000 To 15,000, Deduct</i>	-0.13	
				<i>For >15,000 To 30,000, Deduct</i>	-0.20	
				<i>For >30,000, Deduct</i>	-0.26	
09 01 90 52-0037	SF			Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.42	
				<i>For Up To 100, Add</i>	0.31	
				<i>For >100 To 250, Add</i>	0.14	
				<i>For >250 To 500, Add</i>	0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.02	
				<i>For >10,000 To 15,000, Deduct</i>	-0.04	
				<i>For >15,000 To 30,000, Deduct</i>	-0.06	
				<i>For >30,000, Deduct</i>	-0.08	
09 01 90 52-0038	SF			Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.58	
				<i>For Up To 100, Add</i>	0.36	
				<i>For >100 To 250, Add</i>	0.17	
				<i>For >250 To 500, Add</i>	0.07	
				<i>For >5,000 To 10,000, Deduct</i>	-0.03	
				<i>For >10,000 To 15,000, Deduct</i>	-0.05	
				<i>For >15,000 To 30,000, Deduct</i>	-0.08	
				<i>For >30,000, Deduct</i>	-0.11	
09 01 90 52-0039	SF			Hand Scrape Wood Surfaces, Surface Preparation	0.70	
				<i>For Up To 100, Add</i>	0.53	
				<i>For >100 To 250, Add</i>	0.25	
				<i>For >250 To 500, Add</i>	0.11	
				<i>For >5,000 To 10,000, Deduct</i>	-0.04	
				<i>For >10,000 To 15,000, Deduct</i>	-0.07	
				<i>For >15,000 To 30,000, Deduct</i>	-0.11	
				<i>For >30,000, Deduct</i>	-0.14	
09 01 90 52-0040	SF			Steam Clean Wood Surfaces, Surface Preparation	0.64	
				<i>For Up To 100, Add</i>	0.41	
				<i>For >100 To 250, Add</i>	0.19	
				<i>For >250 To 500, Add</i>	0.08	
				<i>For >5,000 To 10,000, Deduct</i>	-0.03	
				<i>For >10,000 To 15,000, Deduct</i>	-0.06	
				<i>For >15,000 To 30,000, Deduct</i>	-0.09	
				<i>For >30,000, Deduct</i>	-0.12	
09 01 90 52-0041	SF			Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.44	
				<i>For Up To 100, Add</i>	0.29	
				<i>For >100 To 250, Add</i>	0.13	
				<i>For >250 To 500, Add</i>	0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.02	
				<i>For >10,000 To 15,000, Deduct</i>	-0.04	
				<i>For >15,000 To 30,000, Deduct</i>	-0.06	
				<i>For >30,000, Deduct</i>	-0.09	
09 01 90 52-0042	SF			Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.84	
				<i>For Up To 100, Add</i>	0.60	
				<i>For >100 To 250, Add</i>	0.28	
				<i>For >250 To 500, Add</i>	0.12	
				<i>For >5,000 To 10,000, Deduct</i>	-0.04	
				<i>For >10,000 To 15,000, Deduct</i>	-0.08	
				<i>For >15,000 To 30,000, Deduct</i>	-0.12	
				<i>For >30,000, Deduct</i>	-0.17	
09 01 90 52-0043	SF			Sanding Wood Trim Surfaces, Surface Preparation	1.13	
				<i>For Up To 100, Add</i>	0.82	
				<i>For >100 To 250, Add</i>	0.38	
				<i>For >250 To 500, Add</i>	0.16	
				<i>For >5,000 To 10,000, Deduct</i>	-0.06	
				<i>For >10,000 To 15,000, Deduct</i>	-0.11	
				<i>For >15,000 To 30,000, Deduct</i>	-0.17	
				<i>For >30,000, Deduct</i>	-0.22	
09 01 90 52-0044	SF			Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.73	
				<i>For Up To 100, Add</i>	0.49	
				<i>For >100 To 250, Add</i>	0.23	
				<i>For >250 To 500, Add</i>	0.10	
				<i>For >5,000 To 10,000, Deduct</i>	-0.03	
				<i>For >10,000 To 15,000, Deduct</i>	-0.07	
				<i>For >15,000 To 30,000, Deduct</i>	-0.11	
				<i>For >30,000, Deduct</i>	-0.14	

09 Finishes

09 01 Maintenance Of Finishes

09 01 90 Maintenance Of Painting And Coating

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation.....	0.85
		For Up To 100, Add	0.58
		For >100 To 250, Add	0.27
		For >250 To 500, Add	0.12
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000 To 15,000, Deduct	-0.08
		For >15,000 To 30,000, Deduct	-0.13
		For >30,000, Deduct	-0.17
09 01 90 52-0046		Vinyl Siding Surfaces, Surface Preparation (09 01 90 52-0001)	
09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation.....	0.40
		For Up To 100, Add	0.29
		For >100 To 250, Add	0.14
		For >250 To 500, Add	0.06
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.04
		For >15,000 To 30,000, Deduct	-0.06
		For >30,000, Deduct	-0.08
09 01 90 52-0048	SF	Hand Wash, Vinyl Siding Surfaces, Surface Preparation.....	0.65
		For Up To 100, Add	0.47
		For >100 To 250, Add	0.22
		For >250 To 500, Add	0.09
		For >5,000 To 10,000, Deduct	-0.03
		For >10,000 To 15,000, Deduct	-0.06
		For >15,000 To 30,000, Deduct	-0.10
		For >30,000, Deduct	-0.13
09 01 90 52-0049	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation.....	0.36
		For Up To 100, Add	0.22
		For >100 To 250, Add	0.10
		For >250 To 500, Add	0.04
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.03
		For >15,000 To 30,000, Deduct	-0.05
		For >30,000, Deduct	-0.07
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation.....	0.67
		For Up To 100, Add	0.41
		For >100 To 250, Add	0.19
		For >250 To 500, Add	0.08
		For >5,000 To 10,000, Deduct	-0.03
		For >10,000 To 15,000, Deduct	-0.06
		For >15,000 To 30,000, Deduct	-0.10
		For >30,000, Deduct	-0.13
09 01 90 52-0051		Plaster/Stucco Surfaces, Surface Preparation (09 01 90 52-0001)	
		Note: Based on total project quantity.	
09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation.....	0.46
		For Up To 100, Add	0.34
		For >100 To 250, Add	0.16
		For >250 To 500, Add	0.07
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.05
		For >15,000 To 30,000, Deduct	-0.07
		For >30,000, Deduct	-0.09
09 01 90 52-0053	SF	Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation.....	0.47
		For Up To 100, Add	0.29
		For >100 To 250, Add	0.14
		For >250 To 500, Add	0.06
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 15,000, Deduct	-0.04
		For >15,000 To 30,000, Deduct	-0.07
		For >30,000, Deduct	-0.09
09 01 90 52-0054		Prep Work (09 01 90 52-0001)	
09 01 90 52-0055	SF	Citrus Strip, Single Applications.....	1.06
09 01 90 91		Paint Restoration (09 01 90)	
09 01 90 91-0001		Paint Removal, Strip To Bare Wood (09 01 90 91)	
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood.....	7.53
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood.....	8.03

09 05 Common Work Results For Finishes (09)

09 05 61 Common Work Results for Flooring Preparation (09 05)

09 05 61 13 Moisture Vapor Emission Control (09 05 61)

09 05 61 13-0001 Moisture Vapor Reduction (Koester VAP) (09 05 61 13)

09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000).....	2,127.90
		Note: Clear	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001).....	11.27
		Note: Clear	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002).....	7.51
		Note: Clear	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 05 61 13-0005	SF		>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003) 6.26 Note: Clear		
09 05 61 13-0006	SF		>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004) 5.01 Note: Clear		

09 05 61 13-0007	Moisture Vapor Transmission Control (Dependable Cutdown® II) (09 05 61 13)				
09 05 61 13-0008	SF		8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II) 3.30		
09 05 61 13-0009	SF		15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II) 4.35		

09 05 71 Acoustic Underlayment (09 05)

09 05 71 00-0001	Tile And Stone Acoustical Underlayment (09 05 71)				
09 05 71 00-0002	SF		5 Mil Tile And Stone Acoustical Underlayment (EasyMat) 3.08 <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i> 0.33		

09 05 71 00-0003	Resilient Floor Acoustical Underlayment (09 05 71)				
09 05 71 00-0004	SF		Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300) 2.30		
09 05 71 00-0005	SF		2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler) 1.46		
09 05 71 00-0006	SF		0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT) 1.73		

09 20 Plaster And Gypsum Board (09)

09 22 Supports For Plaster And Gypsum Board (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring (09 22)

09 22 13 13 Metal Channel Furring (09 22 13)

09 22 13 13-0001	SF		Hat Furring Channel (09 22 13 13) Note: Includes clips where required.		
09 22 13 13-0002	Installed On Walls, Hat Furring Channel (09 22 13 13-0001)				
09 22 13 13-0003	SF		7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel 3.50 <i>For Walls >10' High, Add</i> 0.45 <i>For 24" On Center, Deduct</i> -0.40 <i>For 12" On Center, Add</i> 0.55 <i>For 22 Gauge, Add</i> 0.46 <i>For 20 Gauge, Add</i> 0.76		1.52
09 22 13 13-0004	SF		1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel 3.68 <i>For Walls >10' High, Add</i> 0.45 <i>For 24" On Center, Deduct</i> -0.43 <i>For 12" On Center, Add</i> 0.58 <i>For 22 Gauge, Add</i> 0.55 <i>For 20 Gauge, Add</i> 0.88		1.52
09 22 13 13-0005	Installed On Columns And Beams, Hat Furring Channel (09 22 13 13-0001)				
09 22 13 13-0006	SF		7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel 5.14 <i>For Columns And Beams >10' High, Add</i> 0.93 <i>For 24" On Center, Deduct</i> -0.56 <i>For 12" On Center, Add</i> 0.79 <i>For 22 Gauge, Add</i> 0.59 <i>For 20 Gauge, Add</i> 1.01		2.34
09 22 13 13-0007	SF		1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel 5.33 <i>For Columns And Beams >10' High, Add</i> 0.93 <i>For 24" On Center, Deduct</i> -0.60 <i>For 12" On Center, Add</i> 0.83 <i>For 22 Gauge, Add</i> 0.68 <i>For 20 Gauge, Add</i> 1.14		2.34
09 22 13 13-0008	Installed On Ceilings, Hat Furring Channel (09 22 13 13-0001)				
09 22 13 13-0009	SF		7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel 4.51 <i>For Ceilings >10' High, Add</i> 0.56 <i>For 24" On Center, Deduct</i> -0.53 <i>For 12" On Center, Add</i> 0.72 <i>For 22 Gauge, Add</i> 0.67 <i>For 20 Gauge, Add</i> 1.07		1.87
09 22 13 13-0010	SF		1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel 4.70 <i>For Ceilings >10' High, Add</i> 0.56 <i>For 24" On Center, Deduct</i> -0.57 <i>For 12" On Center, Add</i> 0.75 <i>For 22 Gauge, Add</i> 0.76 <i>For 20 Gauge, Add</i> 1.19		1.87
09 22 13 13-0011	Z Furring Channel (09 22 13 13)				
09 22 13 13-0012	Installed On Walls, Z Furring Channel (09 22 13 13-0011)				

09 Finishes

09 20 Plaster And Gypsum Board

09 22 Supports For Plaster And Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 13 13-0013	SF 1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	3.21	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.34	
	<i>For 12" On Center, Add</i>	0.49	
	<i>For 22 Gauge, Add</i>	0.32	
	<i>For 20 Gauge, Add</i>	0.57	
09 22 13 13-0014	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.25	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.35	
	<i>For 12" On Center, Add</i>	0.50	
	<i>For 22 Gauge, Add</i>	0.34	
	<i>For 20 Gauge, Add</i>	0.60	
09 22 13 13-0015	SF 2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	3.28	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.35	
	<i>For 12" On Center, Add</i>	0.50	
	<i>For 22 Gauge, Add</i>	0.35	
	<i>For 20 Gauge, Add</i>	0.62	
09 22 13 13-0016	SF 2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.31	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.36	
	<i>For 12" On Center, Add</i>	0.51	
	<i>For 22 Gauge, Add</i>	0.37	
	<i>For 20 Gauge, Add</i>	0.64	
09 22 13 13-0017	SF 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	3.33	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.36	
	<i>For 12" On Center, Add</i>	0.51	
	<i>For 22 Gauge, Add</i>	0.38	
	<i>For 20 Gauge, Add</i>	0.65	

09 22 13 23 Resilient Channel Furring (09 22 13)

09 22 13 23-0001	Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23)		
	Note: Includes clips where required.		
09 22 13 23-0002	Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23-0001)		
09 22 13 23-0003	SF 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel.....	3.42	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.38	
	<i>For 12" On Center, Add</i>	0.53	
	<i>For 20 Gauge, Add</i>	0.71	
09 22 13 23-0004	Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23-0001)		
09 22 13 23-0005	SF 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel.....	4.13	1.87
	<i>For Ceilings >10' High, Add</i>	0.56	
	<i>For 24" On Center, Deduct</i>	-0.45	
	<i>For 12" On Center, Add</i>	0.64	
	<i>For 20 Gauge, Add</i>	0.82	
09 22 13 23-0006	Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23)		
	Note: Includes clips where required.		
09 22 13 23-0007	Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23-0006)		
09 22 13 23-0008	SF 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	3.56	1.52
	<i>For Walls >10' High, Add</i>	0.45	
	<i>For 24" On Center, Deduct</i>	-0.41	
	<i>For 12" On Center, Add</i>	0.56	
	<i>For 20 Gauge, Add</i>	0.80	
09 22 13 23-0009	Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23-0006)		
09 22 13 23-0010	SF 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	4.27	1.87
	<i>For Ceilings >10' High, Add</i>	0.56	
	<i>For 24" On Center, Deduct</i>	-0.48	
	<i>For 12" On Center, Add</i>	0.67	
	<i>For 20 Gauge, Add</i>	0.91	

09 22 16 Non-Structural Metal Framing (09 22)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing (09 22 16)

09 22 16 13-0001	25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)		
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	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 16 13-0002	SF			1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.11	0.63
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.42	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.48	
				For Soffit, Columns Or Beams >10' High, Add	1.95	
				For Horizontal Installation Up To 10' High, Add	0.45	
				For Horizontal Installation >10' High, Add	0.61	
				For Curved Wall, Add	0.47	
				For 12" On Center, Add	0.34	
				For 24" On Center, Deduct	-0.34	
				For Up To 100, Add	0.74	
				For >100 To 300, Add	0.37	
				For >1,000, Deduct	-0.16	
09 22 16 13-0003	SF			2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.23	0.66
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.45	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.55	
				For Soffit, Columns Or Beams >10' High, Add	2.05	
				For Horizontal Installation Up To 10' High, Add	0.47	
				For Horizontal Installation >10' High, Add	0.64	
				For Curved Wall, Add	0.50	
				For 12" On Center, Add	0.36	
				For 24" On Center, Deduct	-0.36	
				For Up To 100, Add	0.78	
				For >100 To 300, Add	0.39	
				For >1,000, Deduct	-0.17	
09 22 16 13-0004	SF			3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.41	0.69
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.48	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.63	
				For Soffit, Columns Or Beams >10' High, Add	2.16	
				For Horizontal Installation Up To 10' High, Add	0.50	
				For Horizontal Installation >10' High, Add	0.68	
				For Curved Wall, Add	0.52	
				For 12" On Center, Add	0.40	
				For 24" On Center, Deduct	-0.40	
				For Up To 100, Add	0.83	
				For >100 To 300, Add	0.42	
				For >1,000, Deduct	-0.19	
09 22 16 13-0005	SF			4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.56	0.73
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.51	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.71	
				For Soffit, Columns Or Beams >10' High, Add	2.26	
				For Horizontal Installation Up To 10' High, Add	0.53	
				For Horizontal Installation >10' High, Add	0.71	
				For Curved Wall, Add	0.55	
				For 12" On Center, Add	0.42	
				For 24" On Center, Deduct	-0.42	
				For Up To 100, Add	0.88	
				For >100 To 300, Add	0.44	
				For >1,000, Deduct	-0.20	
09 22 16 13-0006	SF			6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.82	0.76
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.56	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.82	
				For Soffit, Columns Or Beams >10' High, Add	2.39	
				For Horizontal Installation Up To 10' High, Add	0.57	
				For Horizontal Installation >10' High, Add	0.76	
				For Curved Wall, Add	0.58	
				For 12" On Center, Add	0.47	
				For 24" On Center, Deduct	-0.47	
				For Up To 100, Add	0.95	
				For >100 To 300, Add	0.47	
				For >1,000, Deduct	-0.23	
09 22 16 13-0007				20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)		
09 22 16 13-0008	SF			1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.32	0.64
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.46	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.53	
				For Soffit, Columns Or Beams >10' High, Add	2.01	
				For Horizontal Installation Up To 10' High, Add	0.48	
				For Horizontal Installation >10' High, Add	0.64	
				For Curved Wall, Add	0.49	
				For 12" On Center, Add	0.38	
				For 24" On Center, Deduct	-0.38	
				For Up To 100, Add	0.79	
				For >100 To 300, Add	0.39	
				For >1,000, Deduct	-0.19	

09 Finishes

09 20 Plaster And Gypsum Board

09 22 Supports For Plaster And Gypsum Board

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.52	0.68
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.50	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.61	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.12	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.51	
		<i>For Horizontal Installation >10' High, Add</i>	0.68	
		<i>For Curved Wall, Add</i>	0.51	
		<i>For 12" On Center, Add</i>	0.42	
		<i>For 24" On Center, Deduct</i>	-0.42	
		<i>For Up To 100, Add</i>	0.84	
		<i>For >100 To 300, Add</i>	0.42	
		<i>For >1,000, Deduct</i>	-0.21	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.75	0.71
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.55	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.71	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.24	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.54	
		<i>For Horizontal Installation >10' High, Add</i>	0.72	
		<i>For Curved Wall, Add</i>	0.54	
		<i>For 12" On Center, Add</i>	0.46	
		<i>For 24" On Center, Deduct</i>	-0.46	
		<i>For Up To 100, Add</i>	0.91	
		<i>For >100 To 300, Add</i>	0.45	
		<i>For >1,000, Deduct</i>	-0.23	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners.....	2.91	0.74
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.58	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.79	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.35	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.57	
		<i>For Horizontal Installation >10' High, Add</i>	0.76	
		<i>For Curved Wall, Add</i>	0.56	
		<i>For 12" On Center, Add</i>	0.49	
		<i>For 24" On Center, Deduct</i>	-0.49	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 300, Add</i>	0.48	
		<i>For >1,000, Deduct</i>	-0.25	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.82	0.78
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.76	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.95	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.54	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.68	
		<i>For Horizontal Installation >10' High, Add</i>	0.87	
		<i>For Curved Wall, Add</i>	0.59	
		<i>For 12" On Center, Add</i>	0.67	
		<i>For 24" On Center, Deduct</i>	-0.67	
		<i>For Up To 100, Add</i>	1.16	
		<i>For >100 To 300, Add</i>	0.58	
		<i>For >1,000, Deduct</i>	-0.38	
09 22 16 13-0013		18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		
09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.25	0.69
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.65	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.72	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.24	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.59	
		<i>For Horizontal Installation >10' High, Add</i>	0.76	
		<i>For Curved Wall, Add</i>	0.52	
		<i>For 12" On Center, Add</i>	0.56	
		<i>For 24" On Center, Deduct</i>	-0.56	
		<i>For Up To 100, Add</i>	1.00	
		<i>For >100 To 300, Add</i>	0.50	
		<i>For >1,000, Deduct</i>	-0.31	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.56	0.73
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	0.71	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.82	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.37	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.63	
		<i>For Horizontal Installation >10' High, Add</i>	0.81	
		<i>For Curved Wall, Add</i>	0.55	
		<i>For 12" On Center, Add</i>	0.62	
		<i>For 24" On Center, Deduct</i>	-0.62	
		<i>For Up To 100, Add</i>	1.08	
		<i>For >100 To 300, Add</i>	0.54	
		<i>For >1,000, Deduct</i>	-0.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 16 13-0016	SF			4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.81	0.76
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.76	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.92	
				For Soffit, Columns Or Beams >10' High, Add	2.49	
				For Horizontal Installation Up To 10' High, Add	0.67	
				For Horizontal Installation >10' High, Add	0.86	
				For Curved Wall, Add	0.58	
				For 12" On Center, Add	0.67	
				For 24" On Center, Deduct	-0.67	
				For Up To 100, Add	1.15	
				For >100 To 300, Add	0.57	
				For >1,000, Deduct	-0.38	
09 22 16 13-0017	SF			6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.80	0.80
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.96	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.10	
				For Soffit, Columns Or Beams >10' High, Add	2.70	
				For Horizontal Installation Up To 10' High, Add	0.78	
				For Horizontal Installation >10' High, Add	0.99	
				For Curved Wall, Add	0.61	
				For 12" On Center, Add	0.86	
				For 24" On Center, Deduct	-0.86	
				For Up To 100, Add	1.36	
				For >100 To 300, Add	0.68	
				For >1,000, Deduct	-0.52	
09 22 16 13-0018	SF			8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.18	0.85
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	1.04	
				For Soffit, Columns Or Beams Up To 10' High, Add	2.21	
				For Soffit, Columns Or Beams >10' High, Add	2.84	
				For Horizontal Installation Up To 10' High, Add	0.83	
				For Horizontal Installation >10' High, Add	1.05	
				For Curved Wall, Add	0.63	
				For 12" On Center, Add	0.93	
				For 24" On Center, Deduct	-0.93	
				For Up To 100, Add	1.46	
				For >100 To 300, Add	0.73	
				For >1,000, Deduct	-0.57	

09 22 16 13-0019 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)

09 22 16 13-0020	SF			2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.44	0.71
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.69	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.78	
				For Soffit, Columns Or Beams >10' High, Add	2.31	
				For Horizontal Installation Up To 10' High, Add	0.61	
				For Horizontal Installation >10' High, Add	0.79	
				For Curved Wall, Add	0.54	
				For 12" On Center, Add	0.60	
				For 24" On Center, Deduct	-0.60	
				For Up To 100, Add	1.05	
				For >100 To 300, Add	0.52	
				For >1,000, Deduct	-0.34	
09 22 16 13-0021	SF			3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.96	0.74
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.79	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.89	
				For Soffit, Columns Or Beams >10' High, Add	2.45	
				For Horizontal Installation Up To 10' High, Add	0.68	
				For Horizontal Installation >10' High, Add	0.86	
				For Curved Wall, Add	0.56	
				For 12" On Center, Add	0.70	
				For 24" On Center, Deduct	-0.70	
				For Up To 100, Add	1.17	
				For >100 To 300, Add	0.58	
				For >1,000, Deduct	-0.41	
09 22 16 13-0022	SF			4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.18	0.78
				For Powder-Actuated Fasteners Every 2', Add	0.05	
				For Walls >10' High, Add	0.84	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.99	
				For Soffit, Columns Or Beams >10' High, Add	2.57	
				For Horizontal Installation Up To 10' High, Add	0.71	
				For Horizontal Installation >10' High, Add	0.91	
				For Curved Wall, Add	0.59	
				For 12" On Center, Add	0.74	
				For 24" On Center, Deduct	-0.74	
				For Up To 100, Add	1.23	
				For >100 To 300, Add	0.61	
				For >1,000, Deduct	-0.43	

09 Finishes

09 20 Plaster And Gypsum Board

09 22 Supports For Plaster And Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.14	0.82
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.03	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.17	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.79	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.82	
		<i>For Horizontal Installation >10' High, Add</i>	1.03	
		<i>For Curved Wall, Add</i>	0.62	
		<i>For 12" On Center, Add</i>	0.92	
		<i>For 24" On Center, Deduct</i>	-0.92	
		<i>For Up To 100, Add</i>	1.44	
		<i>For >100 To 300, Add</i>	0.72	
		<i>For >1,000, Deduct</i>	-0.56	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.61	0.86
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.05	
		<i>For Walls >10' High, Add</i>	1.12	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.30	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.95	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.89	
		<i>For Horizontal Installation >10' High, Add</i>	1.10	
		<i>For Curved Wall, Add</i>	0.65	
		<i>For 12" On Center, Add</i>	1.01	
		<i>For 24" On Center, Deduct</i>	-1.01	
		<i>For Up To 100, Add</i>	1.56	
		<i>For >100 To 300, Add</i>	0.78	
		<i>For >1,000, Deduct</i>	-0.62	

09 22 16 13-0025 Galvanized Steel Backing Plates (09 22 16 13)

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.11	
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.34	
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.67	
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.02	
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.36	
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.80	
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.37	
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.67	
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.17	
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.67	
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.19	
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.79	
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate.....	1.81	
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.22	
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.94	
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.67	
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate.....	4.47	
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate.....	5.25	
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate.....	2.09	
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate.....	2.59	
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.50	
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate.....	4.41	
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate.....	5.40	
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate.....	6.36	

09 22 36 Lath (09 22)

09 22 36 13 Gypsum Lath (09 22 36)

09 22 36 13-0001 Plaster Base Gypsum Panels (09 22 36 13)

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.16	0.42
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.55	0.48
		<i>For Walls >10' High, Add</i>	0.12	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.95	0.56
		<i>For Walls >10' High, Add</i>	0.14	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 500, Add</i>	0.28	
		<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.50	0.59
		<i>For Ceilings >10' High, Add</i>	0.18	
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 500, Add</i>	0.30	
		<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.94	0.68
		<i>For Ceilings >10' High, Add</i>	0.20	
		<i>For Up To 100, Add</i>	0.68	
		<i>For >100 To 500, Add</i>	0.34	
		<i>For >5,000, Deduct</i>	-0.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 36 13-0007	SF			5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.40	0.78
				<i>For Ceilings >10' High, Add</i>	0.23	
				<i>For Up To 100, Add</i>	0.78	
				<i>For >100 To 500, Add</i>	0.39	
				<i>For >5,000, Deduct</i>	-0.16	
09 22 36 13-0008	SF			3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.84	0.75
				<i>For Columns And Beams >10' High, Add</i>	0.23	
				<i>For Up To 100, Add</i>	0.76	
				<i>For >100 To 500, Add</i>	0.38	
				<i>For >5,000, Deduct</i>	-0.15	
09 22 36 13-0009	SF			1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.33	0.87
				<i>For Columns And Beams >10' High, Add</i>	0.26	
				<i>For Up To 100, Add</i>	0.88	
				<i>For >100 To 500, Add</i>	0.44	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0010	SF			5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.84	1.00
				<i>For Columns And Beams >10' High, Add</i>	0.30	
				<i>For Up To 100, Add</i>	1.00	
				<i>For >100 To 500, Add</i>	0.50	
				<i>For >5,000, Deduct</i>	-0.20	
09 22 36 13-0011 Firestop Plaster Base Gypsum Panels (09 22 36 13)						
09 22 36 13-0012	SF			3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	1.53	0.42
				<i>For Walls >10' High, Add</i>	0.11	
				<i>For Up To 100, Add</i>	0.42	
				<i>For >100 To 500, Add</i>	0.21	
				<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0013	SF			1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	1.78	0.48
				<i>For Walls >10' High, Add</i>	0.12	
				<i>For Up To 100, Add</i>	0.49	
				<i>For >100 To 500, Add</i>	0.24	
				<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0014	SF			3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	1.87	0.59
				<i>For Ceilings >10' High, Add</i>	0.18	
				<i>For Up To 100, Add</i>	0.59	
				<i>For >100 To 500, Add</i>	0.30	
				<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0015	SF			1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.17	0.68
				<i>For Ceilings >10' High, Add</i>	0.20	
				<i>For Up To 100, Add</i>	0.68	
				<i>For >100 To 500, Add</i>	0.34	
				<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0016	SF			3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	2.21	0.75
				<i>For Columns And Beams >10' High, Add</i>	0.23	
				<i>For Up To 100, Add</i>	0.76	
				<i>For >100 To 500, Add</i>	0.38	
				<i>For >5,000, Deduct</i>	-0.15	
09 22 36 13-0017	SF			1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	2.56	0.87
				<i>For Columns And Beams >10' High, Add</i>	0.26	
				<i>For Up To 100, Add</i>	0.88	
				<i>For >100 To 500, Add</i>	0.44	
				<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels (09 22 36 13)						
09 22 36 13-0019	SF			3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	1.53	0.42
				<i>For Walls >10' High, Add</i>	0.11	
				<i>For Up To 100, Add</i>	0.42	
				<i>For >100 To 500, Add</i>	0.21	
				<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0020	SF			1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	1.78	0.48
				<i>For Walls >10' High, Add</i>	0.12	
				<i>For Up To 100, Add</i>	0.49	
				<i>For >100 To 500, Add</i>	0.24	
				<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0021	SF			3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	1.87	0.59
				<i>For Ceilings >10' High, Add</i>	0.18	
				<i>For Up To 100, Add</i>	0.59	
				<i>For >100 To 500, Add</i>	0.30	
				<i>For >5,000, Deduct</i>	-0.12	
09 22 36 13-0022	SF			1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	2.17	0.68
				<i>For Ceilings >10' High, Add</i>	0.20	
				<i>For Up To 100, Add</i>	0.68	
				<i>For >100 To 500, Add</i>	0.34	
				<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0023	SF			3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	2.21	0.75
				<i>For Columns And Beams >10' High, Add</i>	0.23	
				<i>For Up To 100, Add</i>	0.76	
				<i>For >100 To 500, Add</i>	0.38	
				<i>For >5,000, Deduct</i>	-0.15	
09 22 36 13-0024	SF			1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	2.56	0.87
				<i>For Columns And Beams >10' High, Add</i>	0.26	
				<i>For Up To 100, Add</i>	0.88	
				<i>For >100 To 500, Add</i>	0.44	
				<i>For >5,000, Deduct</i>	-0.18	

09 22 36 23 Metal Lath (09 22 36)

09 Finishes
09 20 Plaster And Gypsum Board
09 22 Supports For Plaster And Gypsum Board



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>			
09 22 36 23-0002	SF 1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.84	0.58
	<i>For Walls >10' High, Add</i>	0.16	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.65	
	<i>For >100 To 500, Add</i>	0.33	
	<i>For >5,000, Deduct</i>	-0.13	
09 22 36 23-0003	SF 2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.91	0.58
	<i>For Walls >10' High, Add</i>	0.16	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.65	
	<i>For >100 To 500, Add</i>	0.33	
	<i>For >5,000, Deduct</i>	-0.13	
09 22 36 23-0004	SF 2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.98	0.58
	<i>For Walls >10' High, Add</i>	0.16	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.65	
	<i>For >100 To 500, Add</i>	0.33	
	<i>For >5,000, Deduct</i>	-0.13	
09 22 36 23-0005	SF 3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.26	0.62
	<i>For Walls >10' High, Add</i>	0.17	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.70	
	<i>For >100 To 500, Add</i>	0.35	
	<i>For >5,000, Deduct</i>	-0.14	
09 22 36 23-0006	SF 1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.03	0.66
	<i>For Ceilings >10' High, Add</i>	0.22	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.37	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0007	SF 2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.10	0.66
	<i>For Ceilings >10' High, Add</i>	0.22	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.37	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0008	SF 2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.17	0.66
	<i>For Ceilings >10' High, Add</i>	0.22	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.37	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0009	SF 3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.36	0.66
	<i>For Ceilings >10' High, Add</i>	0.22	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.75	
	<i>For >100 To 500, Add</i>	0.37	
	<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0010	SF 1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.68	0.93
	<i>For Columns And Beams >10' High, Add</i>	0.31	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.04	
	<i>For >100 To 500, Add</i>	0.52	
	<i>For >5,000, Deduct</i>	-0.21	
09 22 36 23-0011	SF 2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.76	0.93
	<i>For Columns And Beams >10' High, Add</i>	0.31	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.04	
	<i>For >100 To 500, Add</i>	0.52	
	<i>For >5,000, Deduct</i>	-0.21	
09 22 36 23-0012	SF 2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.83	0.93
	<i>For Columns And Beams >10' High, Add</i>	0.31	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.04	
	<i>For >100 To 500, Add</i>	0.52	
	<i>For >5,000, Deduct</i>	-0.21	
09 22 36 23-0013	SF 3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.53	1.18
	<i>For Columns And Beams >10' High, Add</i>	0.39	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	1.30	
	<i>For >100 To 500, Add</i>	0.65	
	<i>For >5,000, Deduct</i>	-0.26	
09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>			
09 22 36 23-0015	SF 1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.93	0.62
	<i>For Walls >10' High, Add</i>	0.17	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.70	
	<i>For >100 To 500, Add</i>	0.35	
	<i>For >5,000, Deduct</i>	-0.14	
09 22 36 23-0016	SF 2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.00	0.62
	<i>For Walls >10' High, Add</i>	0.17	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.70	
	<i>For >100 To 500, Add</i>	0.35	
	<i>For >5,000, Deduct</i>	-0.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 22 36 23-0017	SF	2.5 LB/SY	Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.07	0.62
			<i>For Walls >10' High, Add</i>	0.17	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 500, Add</i>	0.35	
			<i>For >5,000, Deduct</i>	-0.14	
09 22 36 23-0018	SF	3.4 LB/SY	Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.26	0.62
			<i>For Walls >10' High, Add</i>	0.17	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 500, Add</i>	0.35	
			<i>For >5,000, Deduct</i>	-0.14	
09 22 36 23-0019	SF	1.75 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.19	1.18
			<i>For Columns And Beams >10' High, Add</i>	0.39	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.30	
			<i>For >100 To 500, Add</i>	0.65	
			<i>For >5,000, Deduct</i>	-0.26	
09 22 36 23-0020	SF	2.0 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.27	1.18
			<i>For Columns And Beams >10' High, Add</i>	0.39	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.30	
			<i>For >100 To 500, Add</i>	0.65	
			<i>For >5,000, Deduct</i>	-0.26	
09 22 36 23-0021	SF	2.5 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.34	1.18
			<i>For Columns And Beams >10' High, Add</i>	0.39	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.30	
			<i>For >100 To 500, Add</i>	0.65	
			<i>For >5,000, Deduct</i>	-0.26	
09 22 36 23-0022	SF	3.4 LB/SY	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.90	1.34
			<i>For Columns And Beams >10' High, Add</i>	0.44	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.48	
			<i>For >100 To 500, Add</i>	0.74	
			<i>For >5,000, Deduct</i>	-0.30	

09 22 36 23-0023 High Rib Metal Lath (09 22 36 23)

09 22 36 23-0024	SF	2.75 LB/SY	Installed On Ceiling, 1/8" High Rib Metal Lath	2.24	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0025	SF	3.4 LB/SY	Installed On Ceiling, 1/8" High Rib Metal Lath	2.34	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0026	SF	3.4 LB/SY	Installed On Ceiling, 3/8" High Rib Metal Lath	2.41	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	
09 22 36 23-0027	SF	4.0 LB/SY	Installed On Ceiling, 3/8" High Rib Metal Lath	2.53	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	

09 22 36 33 Fiberglass Lath (09 22 36)

09 22 36 33-0001 Non-Metallic, Fiberglass Lath (09 22 36 33)

09 22 36 33-0002	SF	1/8" Thick	Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	2.40	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	
09 22 36 33-0003	SF	1/4" Thick	Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	2.54	0.66
			<i>For Ceilings >10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.75	
			<i>For >100 To 500, Add</i>	0.37	
			<i>For >5,000, Deduct</i>	-0.15	
09 22 36 33-0004	SF	1/8" Thick	Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	2.30	0.62
			<i>For Walls >10' High, Add</i>	0.17	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 500, Add</i>	0.35	
			<i>For >5,000, Deduct</i>	-0.14	
09 22 36 33-0005	SF	1/4" Thick	Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	2.44	0.62
			<i>For Walls >10' High, Add</i>	0.17	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 500, Add</i>	0.35	
			<i>For >5,000, Deduct</i>	-0.14	

09 23 Gypsum Plastering (09 20)

09 23 13 Acoustical Gypsum Plastering (09 23)

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for

09 Finishes
09 20 Plaster And Gypsum Board
09 23 Gypsum Plastering

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

lath.			
09 23 13 00-0001	Casing And Corner Beads <small>(09 23 13)</small>		
09 23 13 00-0002	LF Galvanized Expanded Flange Casing Bead For Plaster Applications.....	3.75	0.93
09 23 13 00-0003	LF Zinc Expanded Flange Casing Bead For Plaster Applications.....	3.76	0.93
09 23 13 00-0004	LF Vinyl Expanded Flange Casing Bead For Plaster Applications.....	3.82	0.93
09 23 13 00-0005	LF Galvanized Corner Bead For Plaster Applications.....	3.64	0.93
09 23 13 00-0006	LF Vinyl Corner Bead For Plaster Applications.....	3.61	0.93
09 23 13 00-0007	Trim <small>(09 23 13)</small>		
09 23 13 00-0008	LF Galvanized "J" Trim For Plaster Applications.....	3.80	0.93
	<i>For Vinyl Instead Of Galvanized, Add</i>	0.13	
	<i>For Zinc Instead Of Galvanized, Add</i>	0.84	
09 23 13 00-0009	LF Galvanized "L" Trim For Plaster Applications.....	3.80	0.93
	<i>For Vinyl Instead Of Galvanized, Add</i>	0.13	
	<i>For Zinc Instead Of Galvanized, Add</i>	0.84	
09 23 13 00-0010	LF Galvanized "U" Trim For Plaster Applications.....	3.80	0.93
	<i>For Vinyl Instead Of Galvanized, Add</i>	0.13	
	<i>For Zinc Instead Of Galvanized, Add</i>	0.84	
09 23 13 00-0011	Plaster Forms And Expansion Joints <small>(09 23 13)</small>		
09 23 13 00-0012	LF 3/4" Galvanized Expansion Joint For Plaster Applications.....	4.28	0.93
09 23 13 00-0013	One Skim Coat Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0014	SF Skim Coat One Coat Gypsum Plaster On Walls.....	1.13	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.15	
	<i>For Horizontal Installation >10' High, Add</i>	0.30	
	<i>For Columns Or Beams Up To 10' High, Add</i>	0.31	
	<i>For Columns Or Beams >10' High, Add</i>	0.46	
	<i>For Up To 100, Add</i>	0.50	
	<i>For >100 To 500, Add</i>	0.25	
	<i>For >5,000, Deduct</i>	-0.20	
09 23 13 00-0015	SF For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls.....	0.82	
	<i>For Walls >10' High, Add</i>	0.07	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.11	
	<i>For Horizontal Installation >10' High, Add</i>	0.22	
	<i>For Columns Or Beams Up To 10' High, Add</i>	0.22	
	<i>For Columns Or Beams >10' High, Add</i>	0.33	
	<i>For Up To 100, Add</i>	0.36	
	<i>For >100 To 500, Add</i>	0.18	
	<i>For >5,000, Deduct</i>	-0.14	
09 23 13 00-0016	Two Coats Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0017	SF Smooth Finish Two Coats Gypsum Plaster On Walls.....	5.70	3.30
	<i>For Walls >10' High, Add</i>	0.55	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.82	
	<i>For Horizontal Installation >10' High, Add</i>	1.64	
	<i>For Columns Or Beams Up To 10' High, Add</i>	1.69	
	<i>For Columns Or Beams >10' High, Add</i>	2.51	
	<i>For Up To 100, Add</i>	2.73	
	<i>For >100 To 500, Add</i>	1.36	
	<i>For >5,000, Deduct</i>	-1.09	
09 23 13 00-0018	SF Sand Aggregate Two Coats Gypsum Plaster On Walls.....	5.85	3.13
	<i>For Walls >10' High, Add</i>	0.51	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.77	
	<i>For Horizontal Installation >10' High, Add</i>	1.53	
	<i>For Columns Or Beams Up To 10' High, Add</i>	1.58	
	<i>For Columns Or Beams >10' High, Add</i>	2.35	
	<i>For Up To 100, Add</i>	2.56	
	<i>For >100 To 500, Add</i>	1.28	
	<i>For >5,000, Deduct</i>	-1.02	
09 23 13 00-0019	SF Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls.....	5.78	3.13
	<i>For Walls >10' High, Add</i>	0.51	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.77	
	<i>For Horizontal Installation >10' High, Add</i>	1.53	
	<i>For Columns Or Beams Up To 10' High, Add</i>	1.58	
	<i>For Columns Or Beams >10' High, Add</i>	2.35	
	<i>For Up To 100, Add</i>	2.56	
	<i>For >100 To 500, Add</i>	1.28	
	<i>For >5,000, Deduct</i>	-1.02	
09 23 13 00-0020	Three Coats Gypsum Plaster On Walls <small>(09 23 13)</small>		
09 23 13 00-0021	SF Smooth Finish Three Coats Gypsum Plaster On Walls.....	6.88	4.02
	<i>For Walls >10' High, Add</i>	0.65	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.98	
	<i>For Horizontal Installation >10' High, Add</i>	1.95	
	<i>For Columns Or Beams Up To 10' High, Add</i>	2.02	
	<i>For Columns Or Beams >10' High, Add</i>	2.99	
	<i>For Up To 100, Add</i>	3.26	
	<i>For >100 To 500, Add</i>	1.63	
	<i>For >5,000, Deduct</i>	-1.30	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 23 13 00-0022	SF			Sand Aggregate Three Coats Gypsum Plaster On Walls	6.89	3.66
				For Walls >10' High, Add	0.60	
				For Horizontal Installation Up To 10' High, Add	0.91	
				For Horizontal Installation >10' High, Add	1.81	
				For Columns Or Beams Up To 10' High, Add	1.87	
				For Columns Or Beams >10' High, Add	2.78	
				For Up To 100, Add	3.02	
				For >100 To 500, Add	1.51	
				For >5,000, Deduct	-1.21	
09 23 13 00-0023	SF			Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	6.46	3.66
				For Walls >10' High, Add	0.60	
				For Horizontal Installation Up To 10' High, Add	0.90	
				For Horizontal Installation >10' High, Add	1.80	
				For Columns Or Beams Up To 10' High, Add	1.86	
				For Columns Or Beams >10' High, Add	2.76	
				For Up To 100, Add	3.01	
				For >100 To 500, Add	1.50	
				For >5,000, Deduct	-1.20	

09 23 13 00-0024 Plaster Bonding Agent (09 23 13)

09 23 13 00-0025	SF			1 Coat, Brush/Roller Plaster Bonding Agent.....	0.61	
				For Walls >10' High, Add	0.05	
				For Columns Or Beams Up To 10' High, Add	0.16	
				For Columns Or Beams >10' High, Add	0.23	
				For Ceiling Application Up To 10' High, Add	0.07	
				For Ceiling Application >10' High, Add	0.12	

09 24 Cement Plastering (09 20)

09 24 13 Acoustical Cement Plastering (09 24)

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster (09 24 13)

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF			1 Coat Keene's Cement Plaster On Walls	4.56	2.23
				For Walls >10' High, Add	0.36	
				For Horizontal Installation Up To 10' High, Add	0.54	
				For Horizontal Installation >10' High, Add	1.07	
				For Columns Or Beams Up To 10' High, Add	1.11	
				For Columns Or Beams >10' High, Add	1.64	
				For Up To 100, Add	1.79	
				For >100 To 500, Add	0.89	
				For >5,000, Deduct	-0.71	
09 24 13 00-0003	SF			2 Coat Keene's Cement Plaster On Walls	6.91	3.48
				For Walls >10' High, Add	0.57	
				For Horizontal Installation Up To 10' High, Add	0.85	
				For Horizontal Installation >10' High, Add	1.70	
				For Columns Or Beams Up To 10' High, Add	1.75	
				For Columns Or Beams >10' High, Add	2.60	
				For Up To 100, Add	2.83	
				For >100 To 500, Add	1.42	
				For >5,000, Deduct	-1.13	
09 24 13 00-0004	SF			3 Coat Keene's Cement Plaster On Walls	7.82	3.93
				For Walls >10' High, Add	0.64	
				For Horizontal Installation Up To 10' High, Add	0.96	
				For Horizontal Installation >10' High, Add	1.92	
				For Columns Or Beams Up To 10' High, Add	1.98	
				For Columns Or Beams >10' High, Add	2.94	
				For Up To 100, Add	3.20	
				For >100 To 500, Add	1.60	
				For >5,000, Deduct	-1.28	

09 24 23 Cement Stucco (09 24)

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco (09 24 23)

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

09 24 23 00-0002	SF			Scratch/Brown/Finish, Three Coat Troweled Stucco	8.61	2.77
				Note: Excludes lath and felt. Interior or exterior, one side.		
				For Walls >10' High, Add	0.76	
				For Horizontal Installation Up To 10' High, Add	1.14	
				For Horizontal Installation >10' High, Add	2.27	
				For Columns Or Beams Up To 10' High, Add	2.35	
				For Columns Or Beams >10' High, Add	3.48	
				For Color Added To Finish Coat, Add	0.15	
				For Smooth Float Finish, Add	1.59	
				For Up To 100, Add	3.79	
				For >100 To 500, Add	1.89	
				For >5,000, Deduct	-1.51	

09 Finishes
09 20 Plaster And Gypsum Board
09 24 Cement Plastering

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 24 23 00-0003	SF Scratch/Brown, Two Coat Troweled Stucco..... Note: Excludes lath and felt. Interior or exterior, one side.	3.68	1.34
	For Walls >10' High, Add	0.28	
	For Horizontal Installation Up To 10' High, Add	0.42	
	For Horizontal Installation >10' High, Add	0.83	
	For Columns Or Beams Up To 10' High, Add	0.86	
	For Columns Or Beams >10' High, Add	1.27	
	For Up To 100, Add	1.39	
	For >100 To 500, Add	0.69	
	For >5,000, Deduct	-0.55	
09 24 23 00-0004	SF Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	5.68	1.34
	For Walls >10' High, Add	0.49	
	For Horizontal Installation Up To 10' High, Add	0.74	
	For Horizontal Installation >10' High, Add	1.48	
	For Columns Or Beams Up To 10' High, Add	1.53	
	For Columns Or Beams >10' High, Add	2.26	
	For Color Added To Finish Coat, Add	0.15	
	For Smooth Float Finish, Add	1.35	
	For Up To 100, Add	2.46	
	For >100 To 500, Add	1.23	
	For >5,000, Deduct	-0.98	
09 24 23 00-0005	SF Finish Coat Troweled Stucco..... Note: Excludes lath and felt. Interior or exterior, one side.	3.70	0.89
	For Walls >10' High, Add	0.36	
	For Horizontal Installation Up To 10' High, Add	0.54	
	For Horizontal Installation >10' High, Add	1.07	
	For Columns Or Beams Up To 10' High, Add	1.11	
	For Columns Or Beams >10' High, Add	1.64	
	For Color Added To Finish Coat, Add	0.15	
	For Smooth Float Finish, Add	1.35	
	For Up To 100, Add	1.79	
	For >100 To 500, Add	0.89	
	For >5,000, Deduct	-0.71	

09 24 33 Cement Parging (09 24)

09 24 33 00-0001	Cement Parging (09 24 33)		
09 24 33 00-0002	SF 1/8" Thick Sand And Cement Parging.....	3.28	
09 24 33 00-0003	SF 1/4" Thick Sand And Cement Parging.....	4.19	
09 24 33 00-0004	SF 1/2" Thick Sand And Cement Parging.....	5.23	

09 28 Backing Boards And Underlayments (09 28)

09 28 13 Cementitious Backing Boards (09 28)

09 28 13 00-0001	Cementitious Backer Units (09 28 13) Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF 1/4" Cementitious Backer Units For Installation On Floors	3.69	0.64
	For Up To 50, Add	2.82	
	For >50 To 250, Add	0.51	
	For >1,000, Deduct	-0.25	
	For Installation On Wall, Add	0.51	
	For Installation On Ceiling, Add	1.27	
09 28 13 00-0003	SF 1/2" Cementitious Backer Units For Installation On Floors	4.24	0.76
	For Up To 50, Add	3.34	
	For >50 To 250, Add	0.61	
	For >1,000, Deduct	-0.30	
	For Installation On Wall, Add	0.61	
	For Installation On Ceiling, Add	1.52	
09 28 13 00-0004	SF 5/8" Cementitious Backer Units For Installation On Floors	5.24	0.88
	For Up To 50, Add	3.97	
	For >50 To 250, Add	0.71	
	For >1,000, Deduct	-0.36	
	For Installation On Wall, Add	0.71	
	For Installation On Ceiling, Add	1.78	

09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)

09 28 16 00-0001	Glass Mat Faced Backer Units, DensShield (09 28 16) Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF 1/2" DensShield Tile Backer For Installation On Floors	2.65	0.71
	For Up To 50, Add	2.03	
	For >50 To 250, Add	0.36	
	For >1,000, Deduct	-0.18	
	For Installation On Wall, Add	0.36	
	For Installation On Ceiling, Add	0.91	
09 28 16 00-0003	SF 5/8" DensShield Tile Backer For Installation On Floors	3.30	0.81
	For Up To 50, Add	2.35	
	For >50 To 250, Add	0.41	
	For >1,000, Deduct	-0.20	
	For Installation On Wall, Add	0.41	
	For Installation On Ceiling, Add	1.02	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 Gypsum Board (09 20)
09 29 10 Gypsum Board (09 29)
09 29 10 00-0001
Standard Gypsum Board Application (09 29 10)

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002
Standard Gypsum Board Application (09 29 10 00-0001)

09 29 10 00-0003	SF 1/4" Gypsum Board.....	1.13	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.19	
	For Adhesive Applied Sheets, Add	0.10	
	Note: Includes bracing until adhesive is bonded		
	For Horizontal Installation Up To 10' High, Add	0.28	
	For Horizontal Installation >10' High, Add	0.41	
	For Walls >10' High, Add	0.06	
	For Up To 128, Add	0.39	
	For >128 To 320, Add	0.23	
	For >1,536, Deduct	-0.09	
09 29 10 00-0004	SF 3/8" Gypsum Board.....	1.23	0.45
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.21	
	For Adhesive Applied Sheets, Add	0.11	
	Note: Includes bracing until adhesive is bonded		
	For Foil Back Board, Add	0.10	
	For Horizontal Installation Up To 10' High, Add	0.31	
	For Horizontal Installation >10' High, Add	0.46	
	For Walls >10' High, Add	0.07	
	For Up To 128, Add	0.43	
	For >128 To 320, Add	0.26	
	For >1,536, Deduct	-0.09	
09 29 10 00-0005	SF 1/2" Gypsum Board.....	1.37	0.52
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.24	
	For Adhesive Applied Sheets, Add	0.11	
	Note: Includes bracing until adhesive is bonded		
	For Foil Back Board, Add	0.10	
	For Horizontal Installation Up To 10' High, Add	0.36	
	For Horizontal Installation >10' High, Add	0.53	
	For Walls >10' High, Add	0.08	
	For Up To 128, Add	0.48	
	For >128 To 320, Add	0.29	
	For >1,536, Deduct	-0.10	
09 29 10 00-0006	SF 5/8" Gypsum Board.....	1.61	0.60
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
	For Adhesive Applied Sheets, Add	0.12	
	Note: Includes bracing until adhesive is bonded		
	For Foil Back Board, Add	0.10	
	For Horizontal Installation Up To 10' High, Add	0.41	
	For Horizontal Installation >10' High, Add	0.61	
	For Walls >10' High, Add	0.10	
	For Up To 128, Add	0.56	
	For >128 To 320, Add	0.34	
	For >1,536, Deduct	-0.12	
09 29 10 00-0007	Fire Rated Gypsum Board Application <small>(09 29 10 00-0001)</small>		
09 29 10 00-0008	Type X, Fire Rated Gypsum Board <small>(09 29 10 00-0007)</small>		
09 29 10 00-0009	SF 5/8" Type X Fire Rated Gypsum Board.....	1.72	0.60
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
	For Adhesive Applied Sheets, Add	0.13	
	Note: Includes bracing until adhesive is bonded		
	For Foil Back Board, Add	0.10	
	For Horizontal Installation Up To 10' High, Add	0.45	
	For Horizontal Installation >10' High, Add	0.67	
	For Walls >10' High, Add	0.11	
	For Up To 128, Add	0.61	
	For >128 To 320, Add	0.37	
	For >1,536, Deduct	-0.13	
09 29 10 00-0010	Type C, Fire Rated Gypsum Board <small>(09 29 10 00-0007)</small>		
09 29 10 00-0011	SF 1/2" Type C Fire Rated Gypsum Board.....	1.57	0.52
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.27	
	For Adhesive Applied Sheets, Add	0.12	
	Note: Includes bracing until adhesive is bonded		
	For Foil Back Board, Add	0.10	
	For Horizontal Installation Up To 10' High, Add	0.39	
	For Horizontal Installation >10' High, Add	0.58	
	For Walls >10' High, Add	0.09	
	For Up To 128, Add	0.55	
	For >128 To 320, Add	0.33	
	For >1,536, Deduct	-0.12	

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board.....	1.76	0.60	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.31		
		<i>For Adhesive Applied Sheets, Add</i>	0.13		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Foil Back Board, Add</i>	0.10		
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.45		
		<i>For Horizontal Installation >10' High, Add</i>	0.67		
		<i>For Walls >10' High, Add</i>	0.11		
		<i>For Up To 128, Add</i>	0.62		
		<i>For >128 To 320, Add</i>	0.38		
		<i>For >1,536, Deduct</i>	-0.13		
09 29 10 00-0013		Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 10 00-0007)			
09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®).....	2.31	0.60	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.32		
		<i>For Adhesive Applied Sheets, Add</i>	0.13		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.45		
		<i>For Horizontal Installation >10' High, Add</i>	0.67		
		<i>For Walls >10' High, Add</i>	0.11		
		<i>For Up To 128, Add</i>	0.73		
		<i>For >128 To 320, Add</i>	0.43		
		<i>For >1,536, Deduct</i>	-0.21		
09 29 10 00-0015		Moisture Resistant Gypsum Board Application (09 29 10 00-0001)			
		<i>Note: Water-resistant gypsum core.</i>			
09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board.....	1.47	0.52	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.25		
		<i>For Adhesive Applied Sheets, Add</i>	0.11		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.36		
		<i>For Horizontal Installation >10' High, Add</i>	0.53		
		<i>For Walls >10' High, Add</i>	0.08		
		<i>For Up To 128, Add</i>	0.50		
		<i>For >128 To 320, Add</i>	0.30		
		<i>For >1,536, Deduct</i>	-0.12		
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board.....	1.88	0.52	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.29		
		<i>For Adhesive Applied Sheets, Add</i>	0.12		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.41		
		<i>For Horizontal Installation >10' High, Add</i>	0.61		
		<i>For Walls >10' High, Add</i>	0.10		
		<i>For Up To 128, Add</i>	0.62		
		<i>For >128 To 320, Add</i>	0.37		
		<i>For >1,536, Deduct</i>	-0.16		
09 29 10 00-0018		Vinyl Faced Gypsum Board Application (09 29 10 00-0001)			
		<i>Note: Includes clips and adhesive.</i>			
09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board.....	2.49	0.40	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.23		
		<i>For Adhesive Applied Sheets, Add</i>	0.11		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.31		
		<i>For Horizontal Installation >10' High, Add</i>	0.46		
		<i>For Walls >10' High, Add</i>	0.07		
		<i>For Up To 128, Add</i>	0.68		
		<i>For >128 To 320, Add</i>	0.39		
		<i>For >1,536, Deduct</i>	-0.28		
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board.....	2.63	0.52	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.26		
		<i>For Adhesive Applied Sheets, Add</i>	0.11		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.36		
		<i>For Horizontal Installation >10' High, Add</i>	0.53		
		<i>For Walls >10' High, Add</i>	0.08		
		<i>For Up To 128, Add</i>	0.74		
		<i>For >128 To 320, Add</i>	0.42		
		<i>For >1,536, Deduct</i>	-0.29		
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board.....	2.79	0.60	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.29		
		<i>For Adhesive Applied Sheets, Add</i>	0.12		
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.41		
		<i>For Horizontal Installation >10' High, Add</i>	0.61		
		<i>For Walls >10' High, Add</i>	0.10		
		<i>For Up To 128, Add</i>	0.80		
		<i>For >128 To 320, Add</i>	0.46		
		<i>For >1,536, Deduct</i>	-0.30		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 29 10 00-0022	SF		1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	3.05 0.29 0.12 0.39 0.58 0.09 0.84 0.48 -0.34	0.52
	09 29 10 00-0023	SF		5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	4.58 0.34 0.13 0.45 0.67 0.11 1.18 0.66 -0.55	0.60
	09 29 10 00-0024			Moisture And Mold Resistant Gypsum Board Application (09 29 10 00-0001)		
	09 29 10 00-0025	SF		1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	1.68 0.25 0.11 -0.08 0.36 0.53 0.08 0.55 0.33 -0.15	0.50
	09 29 10 00-0026	SF		5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	1.98 0.29 0.12 -0.08 0.41 0.61 0.10 0.64 0.38 -0.18	0.57
	09 29 10 00-0027	SF		1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	1.98 0.28 0.12 0.39 0.58 0.09 0.63 0.37 -0.18	0.50
	09 29 10 00-0028	SF		5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	2.22 0.31 0.13 0.45 0.67 0.11 0.71 0.42 -0.20	0.57
	09 29 10 00-0029			Impact Resistant Gypsum Board (09 29 10 00-0001) Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
	09 29 10 00-0030	SF		5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®) <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For >1,536, Deduct</i>	2.75 0.29 0.12 0.41 0.60 0.10 0.79 0.46 -0.29	0.57
	09 29 10 00-0031			Abuse Resistant Gypsum Board (09 29 10 00-0001) Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 29 10 00-0032	SF 5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®).....	2.03	0.57
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.28	
	<i>For Adhesive Applied Sheets, Add</i>	0.12	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
	<i>For Horizontal Installation >10' High, Add</i>	0.60	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 128, Add</i>	0.65	
	<i>For >128 To 320, Add</i>	0.38	
	<i>For >1,536, Deduct</i>	-0.18	
09 29 10 00-0033	Noise Reducing Gypsum Board (09 29 10 00-0001)		
09 29 10 00-0034	SF 1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	3.68	0.60
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.31	
	<i>For Adhesive Applied Sheets, Add</i>	0.12	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
	<i>For Horizontal Installation >10' High, Add</i>	0.61	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 128, Add</i>	0.98	
	<i>For >128 To 320, Add</i>	0.55	
	<i>For >1,536, Deduct</i>	-0.43	
09 29 10 00-0035	SF 5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	4.41	0.60
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.31	
	<i>For Adhesive Applied Sheets, Add</i>	0.12	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
	<i>For Horizontal Installation >10' High, Add</i>	0.61	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 128, Add</i>	1.13	
	<i>For >128 To 320, Add</i>	0.62	
	<i>For >1,536, Deduct</i>	-0.54	
09 29 10 00-0036	Finishing Gypsum Board Applications (09 29 10)		
	<i>Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.</i>		
09 29 10 00-0037	Finish Gypsum Board Walls, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0038	SF Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.68	
	<i>For Up To 128, Add</i>	0.26	
	<i>For >128 To 320, Add</i>	0.16	
	<i>For >5,400, Deduct</i>	-0.07	
	<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.33	
	<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.16	
	<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.07	
	<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.50	
	<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.50	
09 29 10 00-0039	SF >10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.91	
	<i>Note: Use this task for the entire wall area when the wall is >10' high.</i>		
	<i>For Up To 128, Add</i>	0.35	
	<i>For >128 To 320, Add</i>	0.22	
	<i>For >5,400, Deduct</i>	-0.09	
	<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.44	
	<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.22	
	<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.09	
	<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.68	
	<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.68	
09 29 10 00-0040	Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0041	SF Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	0.89	
	<i>For Up To 128, Add</i>	0.35	
	<i>For >128 To 320, Add</i>	0.22	
	<i>For >5,400, Deduct</i>	-0.09	
	<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.43	
	<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.22	
	<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.09	
	<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	0.66	
	<i>For Spray Applied Textured Or Orange Peel Finish, Add</i>	0.66	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 10 00-0042	SF			>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board 1.21 Note: Use this task for the entire wall area when the wall is >10' high. For Up To 128, Add 0.47 For >128 To 320, Add 0.30 For >5,400, Deduct -0.12 For ASTM C840 Level 1 Finish, Deduct -0.59 For ASTM C840 Level 2 Finish, Deduct -0.30 For ASTM C840 Level 3 Finish, Deduct -0.12 For ASTM C840 Level 5 High Quality Finish, Add 0.90 For Spray Applied Textured Or Orange Peel Finish, Add 0.90		
09 29 10 00-0043 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09 29 10 00-0036)						
Note: Inside or outside gypsum board corners.						
09 29 10 00-0044	LF			Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board 1.38 For ASTM C840 Level 1 Finish, Deduct -0.65 For ASTM C840 Level 2 Finish, Deduct -0.32 For ASTM C840 Level 3 Finish, Deduct -0.13 For ASTM C840 Level 5 High Quality Finish, Add 1.01		
09 29 10 00-0045	LF			>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board 1.65 Note: Use this task for the entire wall area when the wall is >10' high. For ASTM C840 Level 1 Finish, Deduct -0.78 For ASTM C840 Level 2 Finish, Deduct -0.39 For ASTM C840 Level 3 Finish, Deduct -0.16 For ASTM C840 Level 5 High Quality Finish, Add 1.22		
09 29 10 00-0046 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09 29 10 00-0036)						
Note: Inside or outside gypsum board corners.						
09 29 10 00-0047	LF			Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board 1.60 For ASTM C840 Level 1 Finish, Deduct -0.76 For ASTM C840 Level 2 Finish, Deduct -0.38 For ASTM C840 Level 3 Finish, Deduct -0.15 For ASTM C840 Level 5 High Quality Finish, Add 1.18		
09 29 10 00-0048	LF			>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board 1.92 Note: Use this task for the entire wall area when the wall is >10' high. For ASTM C840 Level 1 Finish, Deduct -0.92 For ASTM C840 Level 2 Finish, Deduct -0.46 For ASTM C840 Level 3 Finish, Deduct -0.19 For ASTM C840 Level 5 High Quality Finish, Add 1.42		
09 29 10 00-0049 Casing And Corner Beads (09 29 10)						
09 29 10 00-0050	LF			Casing, Galvanized Steel J-Bead For Gypsum Board 3.50 For Up To 100, Add 0.23 For >500, Deduct -0.18		1.01
09 29 10 00-0051	LF			Corner Bead, Galvanized Steel For Gypsum Board 3.46 For Up To 100, Add 0.22 For >500, Deduct -0.17		1.01
09 29 10 00-0052 Preformed Architectural Profiles (09 29 10)						
09 29 10 00-0053 Trim Reveals For Gypsum Board (09 29 10 00-0052)						
09 29 10 00-0054	LF			1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.35		1.22
09 29 10 00-0055	LF			1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.38		1.22
09 29 10 00-0056	LF			3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.50		1.22
09 29 10 00-0057	LF			1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.56		1.22
09 29 10 00-0058	LF			5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.71		1.22
09 29 10 00-0059	LF			3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.86		1.22
09 29 10 00-0060	LF			1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.00		1.22
09 29 10 00-0061	LF			1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.48		1.22
09 29 10 00-0062	LF			2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.95		1.22
09 29 10 00-0063	LF			1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.50		1.32
09 29 10 00-0064	LF			1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.50		1.32
09 29 10 00-0065	LF			3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.83		1.32
09 29 10 00-0066	LF			1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 4.89		1.32
09 29 10 00-0067	LF			5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.10		1.32
09 29 10 00-0068	LF			3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.18		1.32
09 29 10 00-0069	LF			1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.30		1.32
09 29 10 00-0070	LF			1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 5.84		1.32
09 29 10 00-0071	LF			2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 6.37		1.32
09 29 10 00-0072	LF			3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 8.60		1.52
09 29 10 00-0073	LF			4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board 9.49		1.52
09 29 10 00-0074 Edge Trim For Gypsum Board (09 29 10 00-0052)						
09 29 10 00-0075	LF			1/2" Aluminum Extrusions, Edge Trim For Gypsum Board 4.07		1.27
09 29 10 00-0076	LF			5/8" Aluminum Extrusions, Edge Trim For Gypsum Board 4.31		1.27
09 29 10 00-0077	LF			1" Aluminum Extrusions, Edge Trim For Gypsum Board 5.00		1.40
09 29 10 00-0078	LF			1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board 5.27		1.52
09 29 10 00-0079	LF			1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board 7.03		1.27
09 29 10 00-0080	LF			5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board 7.26		1.27
09 29 10 00-0081	LF			1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board 7.96		1.40
09 29 10 00-0082	LF			1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board 8.23		1.52

09 Finishes

09 20 Plaster And Gypsum Board

09 29 Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 10 00-0083	Bevel Trim For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0084	LF 5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	4.31	1.27
09 29 10 00-0085	LF 5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	4.91	1.40
09 29 10 00-0086	Trim/Wainscot Caps For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0087	LF 1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board.....	5.77	1.52
09 29 10 00-0088	Single Fin Wall/Trim Reveals For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0089	LF 1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.99	0.81
09 29 10 00-0090	LF 1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.09	0.91
09 29 10 00-0091	LF 3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.71	1.01
09 29 10 00-0092	LF 1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.02	1.12
09 29 10 00-0093	LF 5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.30	1.22
09 29 10 00-0094	LF 3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.39	1.22
09 29 10 00-0095	LF 1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.65	1.22
09 29 10 00-0096	LF 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.16	1.22
09 29 10 00-0097	LF 2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.33	1.22
09 29 10 00-0098	LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.10	1.32
09 29 10 00-0099	LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.15	1.32
09 29 10 00-0100	LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.48	1.32
09 29 10 00-0101	LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.63	1.32
09 29 10 00-0102	LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.75	1.32
09 29 10 00-0103	LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.89	1.32
09 29 10 00-0104	LF 1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.10	1.32
09 29 10 00-0105	LF 1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.63	1.32
09 29 10 00-0106	LF 2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.08	1.32
09 29 10 00-0107	LF 3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.50	1.32
09 29 10 00-0108	LF 4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	11.22	1.32
09 29 10 00-0109	LF 3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	7.96	1.32
09 29 10 00-0110	LF 3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	8.20	1.32
09 29 10 00-0111	LF 4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	9.00	1.32
09 29 10 00-0112	LF 4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	9.09	1.32
09 29 10 00-0113	LF 9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	10.24	1.32
09 29 10 00-0114	LF 5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	8.53	1.32
09 29 10 00-0115	'V' Groove Wall Reveals For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0116	LF 1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	6.43	1.82
09 29 10 00-0117	LF 3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	7.39	2.03
09 29 10 00-0118	LF 1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	8.43	2.43
09 29 10 00-0119	LF 9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	8.65	2.63
09 29 10 00-0120	Double Fin Wall Reveals For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0121	LF 3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.77	1.22
09 29 10 00-0122	LF 1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.83	1.22
09 29 10 00-0123	LF 1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.89	1.22
09 29 10 00-0124	LF 3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.89	1.22
09 29 10 00-0125	LF 1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.16	1.22
09 29 10 00-0126	LF 5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.28	1.20
09 29 10 00-0127	LF 3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.39	1.22
09 29 10 00-0128	LF 1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.66	1.22
09 29 10 00-0129	LF 1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.10	1.22
09 29 10 00-0130	LF 2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.58	1.22
09 29 10 00-0131	LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.13	1.32
09 29 10 00-0132	LF 1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.19	1.32
09 29 10 00-0133	LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.31	1.32
09 29 10 00-0134	LF 1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.57	1.32
09 29 10 00-0135	LF 5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.69	1.32
09 29 10 00-0136	LF 3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.78	1.32
09 29 10 00-0137	LF 1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.08	1.32
09 29 10 00-0138	LF 1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.55	1.32
09 29 10 00-0139	LF 2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.02	1.32
09 29 10 00-0140	LF 3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.30	1.32
09 29 10 00-0141	LF 4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.96	1.32
09 29 10 00-0142	LF 1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.86	1.44
09 29 10 00-0143	LF 3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	12.42	1.76
09 29 10 00-0144	LF 1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	12.81	1.76
09 29 10 00-0145	LF 1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	9.83	1.20
09 29 10 00-0146	LF 1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	9.44	1.76
09 29 10 00-0147	LF 1/4" Aluminum Extrusions, Double Fin Wall Covering Joinder For Gypsum Board.....	6.75	1.20
09 29 10 00-0148	Special Conditions Reveals For Gypsum Board <small>(09 29 10 00-0052)</small>		
09 29 10 00-0149	Radius Conditions <small>(09 29 10 00-0148)</small>		
09 29 10 00-0150	EA 8' Long Inside Radius For Gypsum Board.....	73.96	
	Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0151	EA 8' Long Outside Radius For Gypsum Board.....	73.96	
	Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0152	EA 8' Long Circular / Arched Radius For Gypsum Board.....	73.96	
	Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 29 10 00-0153			Knee Brace Kit (09 29 10 00-0148)		
09 29 10 00-0154	EA		46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	167.32	12.66
09 29 10 00-0155			Wall Bumper Rail (09 29 10 00-0148)		
09 29 10 00-0156	LF		2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	24.92	5.06
09 29 10 00-0157			Corners For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0158	LF		1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.39	1.22
09 29 10 00-0159	LF		5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.78	1.32
09 29 10 00-0160	LF		3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.36	1.38
09 29 10 00-0161	LF		1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.04	1.44
09 29 10 00-0162	LF		1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.55	1.76
09 29 10 00-0163	LF		2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.88	1.98
09 29 10 00-0164	LF		2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	11.92	2.26
09 29 10 00-0165	LF		3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.42	2.64
09 29 10 00-0166	LF		4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	19.75	3.52
09 29 10 00-0167	LF		90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	5.36	1.18
09 29 10 00-0168	LF		90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	9.56	1.59
09 29 10 00-0169	LF		90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	7.10	1.59
09 29 10 00-0170	LF		90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	12.16	1.59
09 29 10 00-0171	LF		45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	17.15	1.98
09 29 10 00-0172	LF		60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	16.50	1.98
09 29 10 00-0173	LF		3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	5.38	1.38
09 29 10 00-0174	LF		5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	5.39	1.32
09 29 10 00-0175	LF		1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	5.36	1.22
09 29 10 00-0176	LF		5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	5.66	1.32
09 29 10 00-0177	LF		1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.43	1.44
09 29 10 00-0178	LF		1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	6.51	1.22
09 29 10 00-0179	LF		5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	6.90	1.32
09 29 10 00-0180	LF		1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.85	1.44
09 29 10 00-0181	LF		1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	10.65	1.22
09 29 10 00-0182	LF		3" Aluminum Extrusions, Bullnose For Gypsum Board	18.59	2.64
09 29 10 00-0183	LF		3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	19.78	2.64
09 29 10 00-0184	LF		5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	36.36	4.40
09 29 10 00-0185	LF		7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	59.79	6.23
09 29 10 00-0186	LF		3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	6.39	1.36
09 29 10 00-0187	LF		1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	7.22	1.42
09 29 10 00-0188	LF		1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	8.70	1.74
09 29 10 00-0189	LF		2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.59	1.95
09 29 10 00-0190	LF		2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	14.73	2.23
09 29 10 00-0191	LF		3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	16.02	2.60
09 29 10 00-0192	LF		4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	18.45	3.47
09 29 10 00-0193	LF		3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	11.94	2.60
09 29 10 00-0194	LF		3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	12.08	2.60
09 29 10 00-0195	LF		4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	13.03	2.60
09 29 10 00-0196	LF		5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	13.33	2.60

09 29 82 Gypsum Board Fire Protection (09 29)

09 29 82 00-0001			Shaft Wall (09 29 82)		
			See CSI section 09 29 10 00-0036 for finishing drywall.		
09 29 82 00-0002	SF		3/4" Fire Rated Shaft Wall Assembly	6.52	2.53
			Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.72	
			<i>For Horizontal Installation >10' High, Add</i>	2.54	
			<i>For Walls >10' High, Add</i>	0.41	
			<i>For Up To 128, Add</i>	2.32	
			<i>For >128 To 320, Add</i>	1.41	
			<i>For >1,536, Deduct</i>	-0.47	
09 29 82 00-0003	SF		7/8" Fire Rated Shaft Wall Assembly	7.56	3.04
			Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
			<i>For Horizontal Installation Up To 10' High, Add</i>	2.07	
			<i>For Horizontal Installation >10' High, Add</i>	3.04	
			<i>For Walls >10' High, Add</i>	0.49	
			<i>For Up To 128, Add</i>	2.73	
			<i>For >128 To 320, Add</i>	1.67	
			<i>For >1,536, Deduct</i>	-0.53	
09 29 82 00-0004	SF		2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.75	1.96
			Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.33	
			<i>For Horizontal Installation >10' High, Add</i>	1.95	
			<i>For Walls >10' High, Add</i>	0.31	
			<i>For Up To 128, Add</i>	1.93	
			<i>For >128 To 320, Add</i>	1.16	
			<i>For Glass Mat Surfaces, Add</i>	0.23	

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 29 82 00-0005	SF 4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	6.09 1.39 2.05 0.33 2.04 1.22 0.23	2.05
09 29 82 00-0006	SF 2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	6.51 1.39 2.05 0.33 2.12 1.26 0.23	2.05
09 29 82 00-0007	SF 4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	6.87 1.46 2.15 0.34 2.23 1.33 0.23	2.15

09 30 Tiling⁽⁰⁹⁾

Note: All tiles are standard commercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling^(09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling^(09 30 13)

09 30 13 00-0002	SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	11.93 7.15 1.11 -0.56 1.00 1.10	2.79
09 30 13 00-0003	SF Less Than 8" x 8", Mounted, Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	12.03 7.18 1.11 -0.56 1.00 1.00 1.10	2.79
09 30 13 00-0004	SF 8" x 8" And Larger Unmounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	13.42 8.57 1.39 -0.70 1.21 1.00 1.31	1.73
09 30 13 00-0005	SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	13.11 8.33 1.35 -0.67 1.18 1.28	3.37
09 30 13 00-0006	SF Less than 8" x 8" Mounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	13.21 8.36 1.35 -0.67 1.18 1.28	3.37
09 30 13 00-0007	SF 8" x 8" And Larger Unmounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	14.99 10.14 1.70 -0.85 1.45 1.55	2.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0008	SF		Less than 8" x 8" Mounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	18.15	5.85
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.92	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.02	
			<i>For Up To 50, Add</i>	13.30	
			<i>For >50 To 250, Add</i>	2.34	
			<i>For >1,000, Deduct</i>	-1.17	
09 30 13 00-0009	SF		8" x 8" And Larger Unmounted Ceiling Tile..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	20.49	3.50
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.27	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.37	
			<i>For Up To 50, Add</i>	15.64	
			<i>For >50 To 250, Add</i>	2.80	
			<i>For >1,000, Deduct</i>	-1.40	
09 30 13 00-0010	LF		4-1/4" To 4-1/2" High, Cove Base Or Trim..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	11.33	2.43
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.54	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.59	
09 30 13 00-0011	LF		6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio).....	15.34	2.43
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.54	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.59	
09 30 13 00-0012	LF		6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio).....	16.85	2.43
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.54	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.59	
09 30 13 00-0013	EA		6" High, Unpolished Ceramic Cove Base Outer Corner.....	11.49	0.53
09 30 13 00-0014 Residential Ceramic Tiling (09 30 13)					
09 30 13 00-0015	SF		2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	8.98	2.79
			<i>For Up To 50, Add</i>	6.42	
			<i>For >50 To 250, Add</i>	1.11	
			<i>For >1,000, Deduct</i>	-0.56	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.00	
09 30 16 Quarry Tiling (09 30)					
Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
09 30 16 00-0001	SF		Unglazed Quarry Floor Tile..... Note: With or without embedded abrasive grit.	10.65	1.96
			<i>For Up To 50, Add</i>	8.50	
			<i>For >50 To 250, Add</i>	1.56	
			<i>For >1,000, Deduct</i>	-0.78	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.34	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.44	
09 30 16 00-0002	SF		Glazed Quarry Floor Tile.....	19.52	1.96
			<i>For Up To 50, Add</i>	10.72	
			<i>For >50 To 250, Add</i>	1.56	
			<i>For >1,000, Deduct</i>	-0.78	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.34	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.44	
09 30 16 00-0003	SF		Unglazed Quarry Wall Tile..... Note: With or without embedded abrasive grit.	12.21	2.32
			<i>For Up To 50, Add</i>	10.06	
			<i>For >50 To 250, Add</i>	1.87	
			<i>For >1,000, Deduct</i>	-0.93	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.57	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.67	
09 30 16 00-0004	SF		Glazed Quarry Wall Tile.....	21.08	2.32
			<i>For Up To 50, Add</i>	12.28	
			<i>For >50 To 250, Add</i>	1.87	
			<i>For >1,000, Deduct</i>	-0.93	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.57	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.67	
09 30 16 00-0005	LF		6" High Unglazed Quarry Tile Cove Base Or Trim.....	14.76	2.57
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.62	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.67	
09 30 16 00-0006	LF		6" High Glazed Quarry Tile Cove Base Or Trim.....	29.29	2.57
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.62	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.67	
09 30 33 Stone Tiling (09 30)					
Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
09 30 33 00-0001 Marble Floor Tile (09 30 33)					
09 30 33 00-0002	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom".....	11.36	1.73
			<i>For Up To 50, Add</i>	8.05	
			<i>For >50 To 250, Add</i>	1.39	
			<i>For >1,000, Deduct</i>	-0.70	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.21	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0003	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown".....	11.77	1.73
			<i>For Up To 50, Add</i>	8.16	
			<i>For >50 To 250, Add</i>	1.39	
			<i>For >1,000, Deduct</i>	-0.70	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.21	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	

09 Finishes

09 30 Tiling

09 30 33 Stone Tiling

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	11.99	1.73
		For Up To 50, Add	8.21	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.09	1.73
		For Up To 50, Add	8.24	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.15	1.73
		For Up To 50, Add	8.25	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.24	1.73
		For Up To 50, Add	8.27	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	12.46	1.73
		For Up To 50, Add	8.33	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	13.90	1.73
		For Up To 50, Add	8.69	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.05	1.73
		For Up To 50, Add	8.73	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.35	1.73
		For Up To 50, Add	8.80	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	14.68	1.73
		For Up To 50, Add	8.88	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	14.92	1.73
		For Up To 50, Add	8.94	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	15.71	1.73
		For Up To 50, Add	9.14	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	17.19	1.73
		For Up To 50, Add	9.51	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.28	1.73
		For Up To 50, Add	9.53	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.39	1.73
		For Up To 50, Add	9.81	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	18.76	1.73
		For Up To 50, Add	9.90	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0019	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	18.92	1.73
			For Up To 50, Add	9.94	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0020	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	19.17	1.73
			For Up To 50, Add	10.01	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0021	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass".....	21.22	1.73
			For Up To 50, Add	10.52	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0022	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rosa Verona"	22.39	1.73
			For Up To 50, Add	10.81	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0023	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	22.70	1.73
			For Up To 50, Add	10.89	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0024	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Light".....	22.86	1.73
			For Up To 50, Add	10.93	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0025			Granite Floor Tile (09 30 33)		
09 30 33 00-0026	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Crystal Gray"	10.26	1.73
			For Up To 50, Add	7.78	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0027	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.05	1.73
			For Up To 50, Add	7.98	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0028	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Golden Yellow"	11.68	1.73
			For Up To 50, Add	8.13	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0029	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Absolute Black".....	14.20	1.73
			For Up To 50, Add	8.76	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0030	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Tan Brown"	14.68	1.73
			For Up To 50, Add	8.88	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0031	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.14	1.73
			For Up To 50, Add	9.00	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0032	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	15.61	1.73
			For Up To 50, Add	9.12	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0033	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecilia".....	16.18	1.73
			For Up To 50, Add	9.26	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

09 Finishes

09 30 Tiling

09 30 33 Stone Tiling

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	16.72	1.73
		For Up To 50, Add	9.39	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	17.28	1.73
		For Up To 50, Add	9.53	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	17.82	1.73
		For Up To 50, Add	9.67	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	18.45	1.73
		For Up To 50, Add	9.83	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	19.08	1.73
		For Up To 50, Add	9.98	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	21.28	1.73
		For Up To 50, Add	10.53	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0040	Slate Floor Tile (09 30 33)			
09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	9.31	1.73
		For Up To 50, Add	7.54	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	9.72	1.73
		For Up To 50, Add	7.64	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	9.94	1.73
		For Up To 50, Add	7.70	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	9.94	1.73
		For Up To 50, Add	7.70	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	10.10	1.73
		For Up To 50, Add	7.74	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	10.57	1.73
		For Up To 50, Add	7.86	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.05	1.73
		For Up To 50, Add	7.98	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.20	1.73
		For Up To 50, Add	8.01	
		For >50 To 250, Add	1.39	
		For >1,000, Deduct	-0.70	
		For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0049	Travertine Floor Tile (09 30 33)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0050	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Noce Rustic".....	11.05	1.73
			For Up To 50, Add	7.98	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0051	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut".....	11.52	1.73
			For Up To 50, Add	8.09	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0052	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Oasis Gold".....	11.83	1.73
			For Up To 50, Add	8.17	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0053	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory".....	12.31	1.73
			For Up To 50, Add	8.29	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0054	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Oasis Noce".....	12.46	1.73
			For Up To 50, Add	8.33	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0055	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Durango Antique".....	12.62	1.73
			For Up To 50, Add	8.37	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0056	SF	12" x 12" x 3/8"	And Larger Unmounted Travertine Floor Tile, "Durango Cream".....	14.13	1.73
			For Up To 50, Add	8.75	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0057			Limestone Floor Tile (09 30 33)		
09 30 33 00-0058	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Isis Gold".....	14.04	1.73
			For Up To 50, Add	8.72	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0059	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Tiara Beige".....	14.51	1.73
			For Up To 50, Add	8.84	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0060	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Halila Cream".....	16.97	1.73
			For Up To 50, Add	9.46	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0061	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Ramon Gold".....	18.45	1.73
			For Up To 50, Add	9.83	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0062	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jerusalem Bone".....	18.45	1.73
			For Up To 50, Add	9.83	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0063	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Lagos Blue".....	18.92	1.73
			For Up To 50, Add	9.94	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0064	SF	12" x 12"	And Larger Unmounted Limestone Floor Tile, "Jura Gray".....	20.65	1.73
			For Up To 50, Add	10.38	
			For >50 To 250, Add	1.39	
			For >1,000, Deduct	-0.70	
			For High-Modulus, High-Strength Epoxy Grout, Add	1.21	
			For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

09 31 Thin-Set Tiling (09 30)

09 Finishes**09 30 Tiling****09 31 Thin-Set Tiling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling (09 31)**09 31 13 00-0001 Thin-Set Ceramic Tiling (09 31 13)**

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.67	0.92
		<i>For Up To 50, Add</i>	1.46	
		<i>For >50 To 250, Add</i>	0.28	
		<i>For >1,000, Deduct</i>	-0.14	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing.....	0.89	
		<i>For Up To 50, Add</i>	0.89	
		<i>For >50 To 250, Add</i>	0.18	
		<i>For >1,000, Deduct</i>	-0.09	

09 32 Mortar-Bed Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling (09 32)**09 32 13 00-0001 Mortar-Bed Ceramic Tiling (09 32 13)**

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed	3.87	1.85
		Note: For residential floors. Includes 15 LB felt and wire reinforcement.		
		<i>For Up To 50, Add</i>	3.05	
		<i>For >50 To 250, Add</i>	0.56	
		<i>For >1,000, Deduct</i>	-0.28	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	5.62	2.48
		Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
		<i>For Up To 50, Add</i>	4.19	
		<i>For >50 To 250, Add</i>	0.74	
		<i>For >1,000, Deduct</i>	-0.37	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	12.63	5.56
		Note: Includes 15 LB felt and expanded metal lath.		
		<i>For Up To 50, Add</i>	11.50	
		<i>For >50 To 250, Add</i>	2.22	
		<i>For >1,000, Deduct</i>	-1.11	
		<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
		<i>For Installation Without Felt And Metal Lath, Deduct</i>	-2.08	

09 34 Waterproofing-Membrane Tiling (09 30)**09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds (09 34)****09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) (09 34 00 00-0001)**

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	934.38	
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,063.61	
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,547.29	

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps (09 34 00 00-0001)

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	113.83	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	106.29	

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches (09 34 00 00-0001)

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	211.73	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	415.90	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	511.18	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	375.07	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	415.90	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	443.12	

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray (09 34 00 00-0001)

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	188.69	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	188.69	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	283.97	

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) (09 34 00 00-0001)

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	3.47	
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 34 00 00-0022 SF 5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL) 3.94

09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) (09 34 00 00-0001)

09 34 00 00-0024 SF 0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M) 3.10

09 35 Chemical-Resistant Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling (09 35)

09 35 13 00-0001 Chemical-Resistant Ceramic Tiling (09 35 13)

09 35 13 00-0002 SF Thin Set - Epoxy Mortar 4.12 1.22
 Note: Impact and chemical resistant.
 For Up To 50, Add 2.43
 For >50 To 250, Add 0.37
 For >1,000, Deduct -0.19

09 39 Tiling Transitions (09 30)

09 39 00 00-0001 Tile Waterproofing And Crack Prevention (09 39)

09 39 00 00-0002 CSF 30 Mil Waterproofing And Crack Prevention Membrane; RedGard 83.13

09 39 00 00-0003 Waterproof Strip Membranes (Schluter® KERDI) (09 39)

09 39 00 00-0004 LF 5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND) 4.17
 09 39 00 00-0005 LF 10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX) 7.80

09 39 00 00-0006 Coved Shaped Transition Profiles For Floor To Wall For Tile (09 39)

09 39 00 00-0007 LF 5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK) 5.13
 09 39 00 00-0008 LF 3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK) 5.11
 09 39 00 00-0009 LF 1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK) 5.28
 09 39 00 00-0010 LF 5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK) 4.90
 09 39 00 00-0011 LF 3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK) 5.07

09 39 00 00-0012 Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile (09 39)

09 39 00 00-0013 LF 9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK) 9.93
 09 39 00 00-0014 LF 11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK) 10.20
 09 39 00 00-0015 LF 7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK) 10.49

09 39 00 00-0016 Tile Substrate (Schluter® KERDI BOARD) (09 39)

09 39 00 00-0017 SF 1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD) 6.05 0.71
 09 39 00 00-0018 SF 5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD) 6.81 0.81

09 39 00 00-0019 Floor Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0020 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) 2.96
 09 39 00 00-0021 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) 3.03
 09 39 00 00-0022 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) 3.11
 09 39 00 00-0023 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) 3.23
 09 39 00 00-0024 LF 1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) 3.73
 09 39 00 00-0025 LF 5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) 3.83
 09 39 00 00-0026 LF 3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) 3.90
 09 39 00 00-0027 LF 1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) 3.98
 09 39 00 00-0028 LF 9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) 3.08
 09 39 00 00-0029 LF 1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) 3.98
 09 39 00 00-0030 LF 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) 3.75
 09 39 00 00-0031 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) 3.91
 09 39 00 00-0032 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) 4.07
 09 39 00 00-0033 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) 4.80
 09 39 00 00-0034 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) 3.86
 09 39 00 00-0035 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) 4.02
 09 39 00 00-0036 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) 4.75

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0038 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) 3.84
 09 39 00 00-0039 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) 4.01
 09 39 00 00-0040 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) 4.26
 09 39 00 00-0041 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) 4.52
 09 39 00 00-0042 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) 4.18
 09 39 00 00-0043 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) 4.51
 09 39 00 00-0044 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) 4.83
 09 39 00 00-0045 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) 5.39

09 Finishes

09 50 Ceilings

09 39 Tiling Transitions

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 50 Ceilings (09)

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings (09 50)

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings (09 51)

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels (09 51 13)

09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)

09 51 13 00-0003	SF	2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.15	0.40
		For Up To 50, Add	1.24	
		For >50 To 200, Add	0.75	
		For >200 To 500, Add	0.32	
		For >2,500 To 4,000, Deduct	-0.11	
		For >4,000 To 5,000, Deduct	-0.18	
		For >5,000, Deduct	-0.28	
		For Individual Room Quantities <495, Add	0.75	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0004	SF	2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.32	0.40
		For Up To 50, Add	1.26	
		For >50 To 200, Add	0.76	
		For >200 To 500, Add	0.32	
		For >2,500 To 4,000, Deduct	-0.11	
		For >4,000 To 5,000, Deduct	-0.18	
		For >5,000, Deduct	-0.28	
		For Individual Room Quantities <495, Add	0.76	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0005	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.65	0.40
		For Up To 50, Add	1.31	
		For >50 To 200, Add	0.80	
		For >200 To 500, Add	0.34	
		For >2,500 To 4,000, Deduct	-0.12	
		For >4,000 To 5,000, Deduct	-0.19	
		For >5,000, Deduct	-0.30	
		For Individual Room Quantities <495, Add	0.80	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0006	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.62	0.40
		For Up To 50, Add	1.31	
		For >50 To 200, Add	0.79	
		For >200 To 500, Add	0.34	
		For >2,500 To 4,000, Deduct	-0.12	
		For >4,000 To 5,000, Deduct	-0.19	
		For >5,000, Deduct	-0.29	
		For Individual Room Quantities <495, Add	0.79	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0007	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	13.26	0.40
		For Up To 50, Add	2.45	
		For >50 To 200, Add	1.56	
		For >200 To 500, Add	0.72	
		For >2,500 To 4,000, Deduct	-0.27	
		For >4,000 To 5,000, Deduct	-0.42	
		For >5,000, Deduct	-0.60	
		For Individual Room Quantities <495, Add	1.56	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0008	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	13.26	0.40
		For Up To 50, Add	2.45	
		For >50 To 200, Add	1.56	
		For >200 To 500, Add	0.72	
		For >2,500 To 4,000, Deduct	-0.27	
		For >4,000 To 5,000, Deduct	-0.42	
		For >5,000, Deduct	-0.60	
		For Individual Room Quantities <495, Add	1.56	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.09	

09 51 13 00-0009 Mineral Fiber Panels (09 51 13)

09 51 13 00-0010 Mineral Fiber Acoustical Ceiling Panels (09 51 13 00-0009)

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0011	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.53	0.40
		For Up To 50, Add	0.91	
		For >50 To 200, Add	0.52	
		For >200 To 500, Add	0.19	
		For >2,500 To 4,000, Deduct	-0.06	
		For >4,000 To 5,000, Deduct	-0.10	
		For >5,000, Deduct	-0.18	
		For Individual Room Quantities <495, Add	0.52	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.59	
		For Ceilings >10' High, Add	0.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0012	SF	2' x 4' x 5/8"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	2.34	0.40
			For Up To 50, Add	0.88	
			For >50 To 200, Add	0.50	
			For >200 To 500, Add	0.18	
			For >2,500 To 4,000, Deduct	-0.05	
			For >4,000 To 5,000, Deduct	-0.10	
			For >5,000, Deduct	-0.17	
			For Individual Room Quantities <495, Add	0.50	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0013	SF	2' x 2' x 5/8"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.82	0.40
			For Up To 50, Add	0.95	
			For >50 To 200, Add	0.55	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.55	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0014	SF	2' x 4' x 5/8"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.73	0.40
			For Up To 50, Add	0.94	
			For >50 To 200, Add	0.54	
			For >200 To 500, Add	0.20	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.54	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0015	SF	2' x 2' x 5/8"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	4.22	0.40
			For Up To 50, Add	1.16	
			For >50 To 200, Add	0.69	
			For >200 To 500, Add	0.28	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.69	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0016	SF	2' x 4' x 5/8"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.35	0.40
			For Up To 50, Add	1.03	
			For >50 To 200, Add	0.60	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.21	
			For Individual Room Quantities <495, Add	0.60	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0017	SF	2' x 2' x 3/4"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.58	0.40
			For Up To 50, Add	1.07	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.22	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0018	SF	2' x 4' x 3/4"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.18	0.40
			For Up To 50, Add	1.01	
			For >50 To 200, Add	0.58	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.21	
			For Individual Room Quantities <495, Add	0.58	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	
09 51 13 00-0019	SF	2' x 2' x 3/4"	Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	4.61	0.40
			For Up To 50, Add	1.22	
			For >50 To 200, Add	0.73	
			For >200 To 500, Add	0.30	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.26	
			For Individual Room Quantities <495, Add	0.73	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.59	
			For Ceilings >10' High, Add	0.10	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 51 13 00-0020	SF	2' x 4' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	4.60	0.40
		<i>For Up To 50, Add</i>	1.22	
		<i>For >50 To 200, Add</i>	0.72	
		<i>For >200 To 500, Add</i>	0.30	
		<i>For >2,500 To 4,000, Deduct</i>	-0.10	
		<i>For >4,000 To 5,000, Deduct</i>	-0.16	
		<i>For >5,000, Deduct</i>	-0.26	
		<i>For Individual Room Quantities <495, Add</i>	0.72	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Vertical Application, Add</i>	0.59	
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0021	SF	2' x 2' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	6.16	0.40
		<i>For Up To 50, Add</i>	1.45	
		<i>For >50 To 200, Add</i>	0.88	
		<i>For >200 To 500, Add</i>	0.37	
		<i>For >2,500 To 4,000, Deduct</i>	-0.13	
		<i>For >4,000 To 5,000, Deduct</i>	-0.21	
		<i>For >5,000, Deduct</i>	-0.33	
		<i>For Individual Room Quantities <495, Add</i>	0.88	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Vertical Application, Add</i>	0.59	
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0022	SF	2' x 4' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	6.76	0.40
		<i>For Up To 50, Add</i>	1.54	
		<i>For >50 To 200, Add</i>	0.94	
		<i>For >200 To 500, Add</i>	0.40	
		<i>For >2,500 To 4,000, Deduct</i>	-0.14	
		<i>For >4,000 To 5,000, Deduct</i>	-0.23	
		<i>For >5,000, Deduct</i>	-0.35	
		<i>For Individual Room Quantities <495, Add</i>	0.94	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Vertical Application, Add</i>	0.59	
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0023	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	5.90	0.40
		<i>For Up To 50, Add</i>	1.41	
		<i>For >50 To 200, Add</i>	0.85	
		<i>For >200 To 500, Add</i>	0.36	
		<i>For >2,500 To 4,000, Deduct</i>	-0.12	
		<i>For >4,000 To 5,000, Deduct</i>	-0.20	
		<i>For >5,000, Deduct</i>	-0.32	
		<i>For Individual Room Quantities <495, Add</i>	0.85	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Vertical Application, Add</i>	0.59	
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0024	SF	2' x 4' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	5.87	0.40
		<i>For Up To 50, Add</i>	1.41	
		<i>For >50 To 200, Add</i>	0.85	
		<i>For >200 To 500, Add</i>	0.36	
		<i>For >2,500 To 4,000, Deduct</i>	-0.12	
		<i>For >4,000 To 5,000, Deduct</i>	-0.20	
		<i>For >5,000, Deduct</i>	-0.31	
		<i>For Individual Room Quantities <495, Add</i>	0.85	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Vertical Application, Add</i>	0.59	
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0025	SF	20" x 60" x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2617)	2.48	0.40
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0026	SF	20" x 60" x 5/8" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2627)	2.73	0.40
		<i>For Ceilings >10' High, Add</i>	0.10	
09 51 13 00-0027		Wood Fiber Panels <small>(09 51 13)</small>		
09 51 13 00-0028	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	4.26	0.60
		<i>For Up To 50, Add</i>	1.36	
		<i>For >50 To 200, Add</i>	0.79	
		<i>For >200 To 500, Add</i>	0.30	
		<i>For >2,500 To 4,000, Deduct</i>	-0.09	
		<i>For >4,000 To 5,000, Deduct</i>	-0.16	
		<i>For >5,000, Deduct</i>	-0.28	
		<i>For Individual Room Quantities <495, Add</i>	0.79	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0029	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	4.07	0.60
		<i>For Up To 50, Add</i>	1.26	
		<i>For >50 To 200, Add</i>	0.73	
		<i>For >200 To 500, Add</i>	0.28	
		<i>For >2,500 To 4,000, Deduct</i>	-0.09	
		<i>For >4,000 To 5,000, Deduct</i>	-0.15	
		<i>For >5,000, Deduct</i>	-0.26	
		<i>For Individual Room Quantities <495, Add</i>	0.73	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Ceilings >10' High, Add</i>	0.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0030	SF	2' x 2' x 5/8"	Wood Fiber Acoustical Ceiling Panels.....	5.35	0.60
			<i>For Up To 50, Add</i>	1.53	
			<i>For >50 To 200, Add</i>	0.90	
			<i>For >200 To 500, Add</i>	0.36	
			<i>For >2,500 To 4,000, Deduct</i>	-0.12	
			<i>For >4,000 To 5,000, Deduct</i>	-0.20	
			<i>For >5,000, Deduct</i>	-0.32	
			<i>For Individual Room Quantities <495, Add</i>	0.90	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0031	SF	2' x 4' x 5/8"	Wood Fiber Acoustical Ceiling Panels.....	5.16	0.60
			<i>For Up To 50, Add</i>	1.42	
			<i>For >50 To 200, Add</i>	0.84	
			<i>For >200 To 500, Add</i>	0.34	
			<i>For >2,500 To 4,000, Deduct</i>	-0.11	
			<i>For >4,000 To 5,000, Deduct</i>	-0.19	
			<i>For >5,000, Deduct</i>	-0.30	
			<i>For Individual Room Quantities <495, Add</i>	0.84	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.12	
09 51 13 00-0032	SF	2' x 2' x 3/4"	Wood Fiber Acoustical Ceiling Panels.....	6.40	0.60
			<i>For Up To 50, Add</i>	1.68	
			<i>For >50 To 200, Add</i>	1.00	
			<i>For >200 To 500, Add</i>	0.41	
			<i>For >2,500 To 4,000, Deduct</i>	-0.14	
			<i>For >4,000 To 5,000, Deduct</i>	-0.23	
			<i>For >5,000, Deduct</i>	-0.36	
			<i>For Individual Room Quantities <495, Add</i>	1.00	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0033	SF	2' x 4' x 3/4"	Wood Fiber Acoustical Ceiling Panels.....	6.21	0.60
			<i>For Up To 50, Add</i>	1.58	
			<i>For >50 To 200, Add</i>	0.95	
			<i>For >200 To 500, Add</i>	0.39	
			<i>For >2,500 To 4,000, Deduct</i>	-0.13	
			<i>For >4,000 To 5,000, Deduct</i>	-0.22	
			<i>For >5,000, Deduct</i>	-0.35	
			<i>For Individual Room Quantities <495, Add</i>	0.95	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.12	
09 51 13 00-0034	SF	2' x 2' x 1"	Wood Fiber Acoustical Ceiling Panels.....	4.90	0.60
			<i>For Up To 50, Add</i>	1.46	
			<i>For >50 To 200, Add</i>	0.85	
			<i>For >200 To 500, Add</i>	0.34	
			<i>For >2,500 To 4,000, Deduct</i>	-0.11	
			<i>For >4,000 To 5,000, Deduct</i>	-0.18	
			<i>For >5,000, Deduct</i>	-0.30	
			<i>For Individual Room Quantities <495, Add</i>	0.85	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.14	
09 51 13 00-0035	SF	2' x 4' x 1"	Wood Fiber Acoustical Ceiling Panels.....	4.71	0.60
			<i>For Up To 50, Add</i>	1.35	
			<i>For >50 To 200, Add</i>	0.80	
			<i>For >200 To 500, Add</i>	0.32	
			<i>For >2,500 To 4,000, Deduct</i>	-0.10	
			<i>For >4,000 To 5,000, Deduct</i>	-0.17	
			<i>For >5,000, Deduct</i>	-0.29	
			<i>For Individual Room Quantities <495, Add</i>	0.80	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Ceilings >10' High, Add</i>	0.12	
09 51 13 00-0036			Removal And Reinstallation Of Acoustical Ceiling Panels (09 51 13)		
			<i>Note: 2'x2' Or 2'x4'. Includes storage and cleaning.</i>		
09 51 13 00-0037	SF		Removal And Reinstallation Of Acoustical Panels Only	0.97	
			<i>For Up To 50, Add</i>	0.53	
			<i>For >50 To 200, Add</i>	0.29	
			<i>For >200 To 500, Add</i>	0.10	
			<i>For >2,500 To 4,000, Deduct</i>	-0.02	
			<i>For >4,000 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000, Deduct</i>	-0.10	
			<i>For Ceilings >10' High, Add</i>	0.07	
09 51 23			Acoustical Tile Ceilings (09 51)		
			<i>Note: Includes fastening with staples and/or adhesive.</i>		
09 51 23 00-0001			Mineral Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0002	SF	12" x 12" x 1/2"	Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	4.39	1.12
			<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
			<i>For Up To 50, Add</i>	1.67	
			<i>For >50 To 200, Add</i>	0.95	
			<i>For >200 To 500, Add</i>	0.35	
			<i>For >2,500, Deduct</i>	-0.22	
			<i>For Ceilings >10' High, Add</i>	0.19	

09 Finishes**09 50 Ceilings****09 51 Acoustical Ceilings**

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	5.08	1.12
		<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
		<i>For Up To 50, Add</i>	1.77	
		<i>For >50 To 200, Add</i>	1.01	
		<i>For >200 To 500, Add</i>	0.38	
		<i>For >2,500, Deduct</i>	-0.25	
		<i>For Placing Tiles In Suspended Ceiling System, Deduct</i>	-0.30	
		<i>For Ceilings >10' High, Add</i>	0.19	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	5.64	1.12
		<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
		<i>For Up To 50, Add</i>	1.86	
		<i>For >50 To 200, Add</i>	1.07	
		<i>For >200 To 500, Add</i>	0.41	
		<i>For >2,500, Deduct</i>	-0.28	
		<i>For Placing Tiles In Suspended Ceiling System, Deduct</i>	-0.30	
		<i>For Ceilings >10' High, Add</i>	0.19	
09 51 23 00-0005		Wood Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	4.10	1.12
		<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
		<i>For Up To 50, Add</i>	1.63	
		<i>For >50 To 200, Add</i>	0.92	
		<i>For >200 To 500, Add</i>	0.33	
		<i>For >2,500, Deduct</i>	-0.21	
		<i>For Ceilings >10' High, Add</i>	0.19	
09 51 33		Acoustical Metal Pan Ceilings (09 51)		
09 51 33 13		Acoustical Snap-in Metal Pan Ceilings (09 51 33)		
09 51 33 13-0001		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	13.98	0.88
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	14.92	0.88
09 51 33 13-0004		Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.61	1.01
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.63	1.01
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.98	1.01
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.69	1.01
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.18	1.01
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.19	1.01
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.73	1.01
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.56	1.01
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.25	1.01
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.57	1.01
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	37.43	1.01
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.38	1.01
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.06	1.01
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.01	1.01
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	38.68	1.01
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.82	1.01
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.93	1.01
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.83	1.01
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.61	1.01
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.94	1.01
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.87	1.01
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	21.08	1.01
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	37.93	1.01
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.51	1.01

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	10.35	1.01
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	15.61	1.01
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	31.90	1.01
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	14.86	1.01
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	10.98	1.01
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	15.49	1.01
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	31.97	1.01
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	14.86	1.01

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings (09 51 33)

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	10.92	0.76
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	12.33	0.76
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	17.97	0.76
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	15.30	0.76
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	16.40	0.76
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	25.64	0.76
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	16.16	0.76
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	19.97	0.76
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	16.24	0.76
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	20.08	0.76
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	16.32	0.76
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	20.00	0.76
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	16.32	0.76
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	20.16	0.76

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	14.00	0.76
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	16.63	0.76
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	17.82	0.76
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	16.76	0.76
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	17.20	0.76
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	18.20	0.76

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	10.30	0.76
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	11.56	0.76
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.19	0.76
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	11.68	0.76
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	13.19	0.76
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.63	0.76

09 53 Acoustical Ceiling Suspension Assemblies (09 50)

09 53 23 Metal Acoustical Ceiling Suspension Assemblies (09 53)

09 53 23 00-0001 Ceiling Suspension Systems (09 53 23)

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 Finishes

09 50 Ceilings

09 53 Acoustical Ceiling Suspension Assemblies

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 53 23 00-0002	SF 1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	3.71	0.50
	Note: Excludes ceiling tile.		
	For Fastening To Concrete, Add	1.21	
	For Fastening To Steel, Add	1.32	
	For Vertical Application, Add	1.93	
	For Individual Room Quantities <495, Add	0.41	
	Note: For use with projects >500 SF		
	For Up To 50, Add	1.44	
	For >50 To 200, Add	0.81	
	For >200 To 500, Add	0.30	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.23	
	For Ceilings >10' High, Add	0.17	
09 53 23 00-0003	SF 1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.98	0.50
	For UL Listed (Fire Guard), Add	0.17	
	For 1-1/2" Wide Faced Grid, Add	0.32	
	For Fastening To Concrete, Add	1.17	
	For Fastening To Steel, Add	1.28	
	For Vertical Application, Add	1.61	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.33	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.51	
	For Up To 50, Add	1.18	
	For >50 To 200, Add	0.67	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.13	
	For >5,000, Deduct	-0.18	
	For Ceilings >10' High, Add	0.14	
09 53 23 00-0004	SF 2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.49	0.50
	For UL Listed (Fire Guard), Add	0.12	
	For 1-1/2" Wide Faced Grid, Add	0.22	
	For Fastening To Concrete, Add	1.16	
	For Fastening To Steel, Add	1.27	
	For Vertical Application, Add	1.48	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.29	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.36	
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.59	
	For >200 To 500, Add	0.21	
	For >2,500 To 4,000, Deduct	-0.06	
	For >4,000 To 5,000, Deduct	-0.11	
	For >5,000, Deduct	-0.16	
	For Black Grid, Add	0.10	
	For Ceilings >10' High, Add	0.13	
	For Concealed Spline Grid, Add	0.37	
09 53 23 00-0005	SF 2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.05	0.50
	For UL Listed (Fire Guard), Add	0.09	
	For 1-1/2" Wide Faced Grid, Add	0.18	
	For Fastening To Concrete, Add	1.13	
	For Fastening To Steel, Add	1.24	
	For Vertical Application, Add	1.42	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.24	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.28	
	For Up To 50, Add	0.88	
	For >50 To 200, Add	0.49	
	For >200 To 500, Add	0.17	
	For >2,500 To 4,000, Deduct	-0.05	
	For >4,000 To 5,000, Deduct	-0.09	
	For >5,000, Deduct	-0.13	
	For Black Grid, Add	0.08	
	For Ceilings >10' High, Add	0.11	
	For Concealed Spline Grid, Add	0.30	
09 53 23 00-0006	SF 1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	1.79	0.50
	For UL Listed (Fire Guard), Add	0.09	
	For 1-1/2" Wide Faced Grid, Add	0.16	
	For Fastening To Concrete, Add	1.11	
	For Fastening To Steel, Add	1.22	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.21	
	Note: For use with projects >500 SF		
	For Aluminum T-Bar System, Add	0.26	
	For Up To 50, Add	0.76	
	For >50 To 200, Add	0.42	
	For >200 To 500, Add	0.15	
	For >2,500 To 4,000, Deduct	-0.04	
	For >4,000 To 5,000, Deduct	-0.08	
	For >5,000, Deduct	-0.11	
	For Ceilings >10' High, Add	0.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 53 23 00-0007	SF	2' x 2'	Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.65	0.50
			<i>For UL Listed (Fire Guard), Add</i>	0.14	
			<i>For Fastening To Concrete, Add</i>	1.16	
			<i>For Fastening To Steel, Add</i>	1.27	
			<i>For Vertical Application, Add</i>	1.48	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities <495, Add</i>	0.30	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Up To 50, Add</i>	1.07	
			<i>For >50 To 200, Add</i>	0.60	
			<i>For >200 To 500, Add</i>	0.22	
			<i>For >2,500 To 4,000, Deduct</i>	-0.06	
			<i>For >4,000 To 5,000, Deduct</i>	-0.11	
			<i>For >5,000, Deduct</i>	-0.17	
			<i>For Black Grid, Add</i>	0.12	
			<i>For Ceilings >10' High, Add</i>	0.13	
09 53 23 00-0008	SF	2' x 4'	Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.17	0.50
			<i>For UL Listed (Fire Guard), Add</i>	0.11	
			<i>For Fastening To Concrete, Add</i>	1.13	
			<i>For Fastening To Steel, Add</i>	1.24	
			<i>For Vertical Application, Add</i>	1.42	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities <495, Add</i>	0.25	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Up To 50, Add</i>	0.89	
			<i>For >50 To 200, Add</i>	0.50	
			<i>For >200 To 500, Add</i>	0.18	
			<i>For >2,500 To 4,000, Deduct</i>	-0.05	
			<i>For >4,000 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000, Deduct</i>	-0.14	
			<i>For Black Grid, Add</i>	0.09	
			<i>For Ceilings >10' High, Add</i>	0.11	

09 53 23 00-0009 Ceiling Suspension System Accessories (09 53 23)

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories.....		1.08	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling		2.67	1.42
		<i>For 304 Stainless Steel, Add</i>		1.54	
		<i>For 316 Stainless Steel, Add</i>		1.73	
		<i>For Aluminum, Add</i>		0.10	
		<i>For Galvanized Steel, Add</i>		0.33	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling		3.78	1.52
		<i>For 304 Stainless Steel, Add</i>		2.37	
		<i>For 316 Stainless Steel, Add</i>		2.66	
		<i>For Aluminum, Add</i>		0.15	
		<i>For Galvanized Steel, Add</i>		0.51	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling		5.01	1.62
		<i>For 304 Stainless Steel, Add</i>		4.73	
		<i>For 316 Stainless Steel, Add</i>		5.31	
		<i>For Aluminum, Add</i>		0.30	
		<i>For Galvanized Steel, Add</i>		1.03	
09 53 23 00-0014	EA	2", Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee.....		6.11	0.29
		<i>Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.</i>			
09 53 23 00-0015	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure.....		71.20	20.60
09 53 23 00-0016	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure.....		73.82	20.99
09 53 23 00-0017	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure.....		82.92	20.99

09 53 23 00-0018 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly (09 53

			<i>23) Note: 2'x2' Or 2'x4'. Includes storage and cleaning.</i>		
09 53 23 00-0019	SF	Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'.....		1.74	
		<i>Note: Suspension system tie wire, wall angles and bracing to remain in place.</i>			
		<i>For Up To 50, Add</i>		0.96	
		<i>For >50 To 200, Add</i>		0.52	
		<i>For >200 To 500, Add</i>		0.17	
		<i>For >2,500 To 4,000, Deduct</i>		-0.04	
		<i>For >4,000 To 5,000, Deduct</i>		-0.09	
		<i>For >5,000, Deduct</i>		-0.13	
		<i>For Ceilings >10' High, Add</i>		0.13	
09 53 23 00-0020	SF	Removal And Reinstallation Of Grid System Only.....		1.01	
		<i>Note: Suspension system tie wire, wall angles and bracing to remain in place.</i>			
		<i>For Up To 50, Add</i>		0.56	
		<i>For >50 To 200, Add</i>		0.30	
		<i>For >200 To 500, Add</i>		0.10	
		<i>For >2,500 To 4,000, Deduct</i>		-0.03	
		<i>For >4,000 To 5,000, Deduct</i>		-0.05	
		<i>For >5,000, Deduct</i>		-0.08	
		<i>For Ceilings >10' High, Add</i>		0.08	

09 54 Specialty Ceilings (09 50)
09 54 16 Luminous Ceilings (09 54)
09 54 16 00-0001 Translucent Ceiling Panels (09 54 16)

09 Finishes**09 50 Ceilings****09 54 Specialty Ceilings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 54 16 00-0002	SF 2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	2.89	0.50
	<i>For Ceilings >10' High, Add</i>	0.09	
	<i>For >100 To 200, Deduct</i>	-0.12	
	<i>For >200 To 300, Deduct</i>	-0.32	
	<i>For >300, Deduct</i>	-0.55	

09 54 23 Linear Metal Ceilings (09 54)**09 54 23 00-0001 Linear Ceiling Systems (09 54 23)****09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)**

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish.
Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF 4" Panel Width, 0.032" Aluminum, Linear Ceiling System	14.70	2.07
	<i>For Up To 50, Add</i>	4.20	
	<i>For >50 To 200, Add</i>	2.47	
	<i>For >200 To 500, Add</i>	0.98	
	<i>For >2,500, Deduct</i>	-0.74	
	<i>For Ceilings >10' High, Add</i>	0.37	
	<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-2.40	
	<i>For Curved Ceilings, Add</i>	1.22	
09 54 23 00-0004	SF 8" Panel Width, 0.032" Aluminum, Linear Ceiling System	12.10	2.07
	<i>For Up To 50, Add</i>	3.76	
	<i>For >50 To 200, Add</i>	2.18	
	<i>For >200 To 500, Add</i>	0.85	
	<i>For >2,500, Deduct</i>	-0.61	
	<i>For Ceilings >10' High, Add</i>	0.37	
	<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-1.19	
	<i>For Curved Ceilings, Add</i>	1.20	
09 54 23 00-0005	SF 12" Panel Width, 0.032" Aluminum, Linear Ceiling System	11.08	2.07
	<i>For Up To 50, Add</i>	3.57	
	<i>For >50 To 200, Add</i>	2.06	
	<i>For >200 To 500, Add</i>	0.79	
	<i>For >2,500, Deduct</i>	-0.55	
	<i>For Ceilings >10' High, Add</i>	0.36	
	<i>For Linear Ceiling Systems Without Filler Strips, Deduct</i>	-0.79	
	<i>For Curved Ceilings, Add</i>	1.18	

09 54 23 00-0006 Tin Ceilings (09 54 23)

09 54 23 00-0007	SF 2' x 2' Tin Ceiling Embossed Panels	19.57	3.21
	<i>For Up To 50, Add</i>	4.48	
	<i>For >50 To 200, Add</i>	2.73	
	<i>For >200 To 500, Add</i>	1.17	
	<i>For >2,500, Deduct</i>	-0.98	
	<i>For Ceilings >10' High, Add</i>	0.29	
09 54 23 00-0008	SF 12" x 12" Tin Ceiling Embossed Plates	29.10	2.07
	<i>For Up To 50, Add</i>	6.00	
	<i>For >50 To 200, Add</i>	3.73	
	<i>For >200 To 500, Add</i>	1.66	
	<i>For >2,500, Deduct</i>	-1.46	
	<i>For Ceilings >10' High, Add</i>	0.31	
09 54 23 00-0009	SF 12" x 24" Tin Ceiling Embossed Plates	21.14	2.07
	<i>For Up To 50, Add</i>	4.80	
	<i>For >50 To 200, Add</i>	2.93	
	<i>For >200 To 500, Add</i>	1.26	
	<i>For >2,500, Deduct</i>	-1.06	
	<i>For Ceilings >10' High, Add</i>	0.31	
09 54 23 00-0010	SF 24" x 24" Tin Ceiling Embossed Plates	19.42	2.07
	<i>For Up To 50, Add</i>	4.42	
	<i>For >50 To 200, Add</i>	2.70	
	<i>For >200 To 500, Add</i>	1.16	
	<i>For >2,500, Deduct</i>	-0.97	
	<i>For Ceilings >10' High, Add</i>	0.28	
09 54 23 00-0011	SF 24" x 48" Tin Ceiling Embossed Plates	16.94	1.56
	<i>For Up To 50, Add</i>	3.86	
	<i>For >50 To 200, Add</i>	2.35	
	<i>For >200 To 500, Add</i>	1.01	
	<i>For >2,500, Deduct</i>	-0.85	
	<i>For Ceilings >10' High, Add</i>	0.25	
09 54 23 00-0012	LF 3" Or 4" Wide Embossed Molding	12.98	3.11
	<i>For Ceilings >10' High, Add</i>	0.45	
09 54 23 00-0013	LF 6" Wide Embossed Molding	16.29	3.63
	<i>For Ceilings >10' High, Add</i>	0.51	
09 54 23 00-0014	LF 12" Wide Embossed Molding	21.92	4.24
	<i>For Ceilings >10' High, Add</i>	0.64	
09 54 23 00-0015	EA 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	37.42	9.85
	<i>For Ceilings >10' High, Add</i>	1.44	
09 54 23 00-0016	EA 12" Wide Embossed Cross, Tee Or Ell	52.20	11.51
	<i>For Ceilings >10' High, Add</i>	1.73	

09 57 Special Function Ceilings (09 50)**09 57 63 High Impact Ceilings (09 57)****09 57 63 00-0001 High Impact Ceilings (09 57 63)**

09 57 63 00-0002	SF Polyvinyl Chloride Face High Impact Ceiling Panels	6.50	1.01
	<i>For Ceilings >10' High, Add</i>	0.12	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 57	63	00-0003	SF	High Impact Clips..... <i>For Ceilings >10' High, Add</i>	2.54	0.81
					0.10	

09 60 Flooring⁽⁰⁹⁾

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment^(09 60)

09 61 13 Slip-Resistant Flooring Treatment^(09 61)

09 61 13 00-0001 Anti-Slip Tape^(09 61 13)

Note: Grit sandpaper surface with adhesive back.

09 61	13	00-0002	LF	1" Anti-Slip Tape.....	2.47	2.03
				2" Anti-Slip Tape.....	3.02	2.23
				3" Anti-Slip Tape.....	3.56	2.45
				4" Anti-Slip Tape.....	4.09	2.69
				6" Anti-Slip Tape.....	5.06	2.96
				12" Anti-Slip Tape.....	8.64	4.45
				24" Anti-Slip Tape.....	12.33	6.67

09 63 Masonry Flooring^(09 60)

09 63 13 Brick Flooring^(09 63)

09 63 13 00-0001 Clay Bricks^(09 63 13)

09 63	13	00-0002	SF	2-1/4" Thick Clay Brick Floor <i>For Basket Weave Pattern, Add</i>	24.68	8.88
				<i>For Herringbone Pattern, Add</i>	1.90	
				<i>For Epoxy Joints, Add</i>	2.53	
					4.88	
				3" Thick Clay Brick Floor.....	27.66	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				1/2" Thick Unglazed Clay Brick Floor.....	16.27	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				1/2" Thick Glazed Clay Brick Floor.....	18.98	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				3/4" Thick Unglazed Clay Brick Floor.....	17.48	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				3/4" Thick Glazed Clay Brick Floor.....	21.08	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				15/16" Thick Unglazed Clay Brick Floor.....	18.65	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	
				15/16" Thick Glazed Clay Brick Floor.....	23.20	8.88
				<i>For Basket Weave Pattern, Add</i>	1.90	
				<i>For Herringbone Pattern, Add</i>	2.53	
				<i>For Epoxy Joints, Add</i>	4.88	

09 63 43 Composition Stone Flooring^(09 63)

09 63 43 00-0001 Cupric Oxchloride Cement, Seamless Flooring System^(09 63 43)

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63	43	00-0002	SF	3/8" Thick, Cupric Oxchloride Cement, Seamless Flooring System, Trowel Applied.....	14.02	5.34
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09 64 Wood Flooring^(09 60)

09 64 13 Wood Flooring Underlayment^(09 64)

09 64 13 00-0001 Wood Flooring Underlayment^(09 64 13)

09 64	13	00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment.....	0.47	
				Heavy Weight Red Rosin Paper, Wood Flooring Underlayment.....	0.47	
				30 LB, Waxed Paper, Wood Flooring Underlayment.....	0.49	
				15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment.....	0.52	
				6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.49	
				8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.52	
				1/8" Thick, Natural Cork, Wood Flooring Underlayment.....	1.65	
				1/4" Thick, Natural Cork, Wood Flooring Underlayment.....	1.72	
				3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15).....	0.69	
				2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180).....	0.82	
				4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193).....	0.87	
				2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026).....	1.02	
				1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105).....	1.03	

09 Finishes**09 60 Flooring****09 64 Wood Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
09 64 23 Wood Parquet Flooring (09 64)

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring (09 64 23)

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring.....	9.49	1.01
		For Up To 20, Add	4.27	
		For >20 To 50, Add	2.22	
		For >50 To 100, Add	1.11	
		For >100 To 300, Add	0.55	

09 64 29 Wood Strip And Plank Flooring (09 64)

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring (09 64 29)

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring.....	10.99	1.01
		For Factory Finish, Add	0.64	
		For Random Width Floor, Add	2.52	
		For Up To 20, Add	3.70	
		For >20 To 50, Add	2.01	
		For >50 To 100, Add	1.01	
		For >100 To 300, Add	0.50	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring (09 64 29)**09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)**

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring.....	9.31	1.01
		For Factory Finish, Add	0.34	
		For Random Width Floor, Add	2.03	
		For Up To 20, Add	4.08	
		For >20 To 50, Add	2.12	
		For >50 To 100, Add	1.06	
		For >100 To 300, Add	0.53	

09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	9.75	1.01
		For Factory Finish, Add	0.38	
		For Random Width Floor, Add	2.14	
		For Up To 20, Add	4.14	
		For >20 To 50, Add	2.17	
		For >50 To 100, Add	1.08	
		For >100 To 300, Add	0.54	

09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	10.41	1.01
		For Factory Finish, Add	0.45	
		For Random Width Floor, Add	2.30	
		For Up To 20, Add	4.24	
		For >20 To 50, Add	2.23	
		For >50 To 100, Add	1.12	
		For >100 To 300, Add	0.56	

09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring.....	8.06	1.01
		For Factory Finish, Add	0.35	
		For Random Width Floor, Add	1.79	
		For Up To 20, Add	3.26	
		For >20 To 50, Add	1.72	
		For >50 To 100, Add	0.86	
		For >100 To 300, Add	0.43	

09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	8.41	1.01
		For Factory Finish, Add	0.39	
		For Random Width Floor, Add	1.87	
		For Up To 20, Add	3.31	
		For >20 To 50, Add	1.75	
		For >50 To 100, Add	0.88	
		For >100 To 300, Add	0.44	

09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	9.08	1.01
		For Factory Finish, Add	0.45	
		For Random Width Floor, Add	2.04	
		For Up To 20, Add	3.41	
		For >20 To 50, Add	1.82	
		For >50 To 100, Add	0.91	
		For >100 To 300, Add	0.46	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring (09 64 29 00-0003)

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	9.39	1.01
		For Factory Finish, Add	0.34	
		For Random Width Floor, Add	2.05	
		For Up To 20, Add	4.09	
		For >20 To 50, Add	2.13	
		For >50 To 100, Add	1.07	
		For >100 To 300, Add	0.53	

09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	9.82	1.01
		For Factory Finish, Add	0.39	
		For Random Width Floor, Add	2.16	
		For Up To 20, Add	4.16	
		For >20 To 50, Add	2.17	
		For >50 To 100, Add	1.09	
		For >100 To 300, Add	0.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	10.48	1.01
		For Factory Finish, Add	0.45	
		For Random Width Floor, Add	2.32	
		For Up To 20, Add	4.25	
		For >20 To 50, Add	2.24	
		For >50 To 100, Add	1.12	
		For >100 To 300, Add	0.56	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	8.13	1.01
		For Factory Finish, Add	0.36	
		For Random Width Floor, Add	1.80	
		For Up To 20, Add	3.27	
		For >20 To 50, Add	1.73	
		For >50 To 100, Add	0.86	
		For >100 To 300, Add	0.43	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	8.57	1.01
		For Factory Finish, Add	0.40	
		For Random Width Floor, Add	1.91	
		For Up To 20, Add	3.34	
		For >20 To 50, Add	1.77	
		For >50 To 100, Add	0.88	
		For >100 To 300, Add	0.44	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	9.15	1.01
		For Factory Finish, Add	0.46	
		For Random Width Floor, Add	2.06	
		For Up To 20, Add	3.42	
		For >20 To 50, Add	1.83	
		For >50 To 100, Add	0.91	
		For >100 To 300, Add	0.46	
09 64 29 00-0018	Unfinished Maple, Wood Strip Flooring (09 64 29)			
09 64 29 00-0019	25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)			
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	10.99	1.01
		For Factory Finish, Add	0.50	
		For Random Width Floor, Add	2.45	
		For Up To 20, Add	4.33	
		For >20 To 50, Add	2.29	
		For >50 To 100, Add	1.15	
		For >100 To 300, Add	0.57	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	10.26	1.01
		For Factory Finish, Add	0.43	
		For Random Width Floor, Add	2.27	
		For Up To 20, Add	4.22	
		For >20 To 50, Add	2.22	
		For >50 To 100, Add	1.11	
		For >100 To 300, Add	0.55	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	9.88	1.01
		For Factory Finish, Add	0.53	
		For Random Width Floor, Add	2.24	
		For Up To 20, Add	3.53	
		For >20 To 50, Add	1.90	
		For >50 To 100, Add	0.95	
		For >100 To 300, Add	0.48	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	9.15	1.01
		For Factory Finish, Add	0.46	
		For Random Width Floor, Add	2.06	
		For Up To 20, Add	3.42	
		For >20 To 50, Add	1.83	
		For >50 To 100, Add	0.91	
		For >100 To 300, Add	0.46	
09 64 29 00-0024	33/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)			
09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.56	1.01
		For Factory Finish, Add	0.66	
		For Random Width Floor, Add	2.84	
		For Up To 20, Add	4.57	
		For >20 To 50, Add	2.45	
		For >50 To 100, Add	1.22	
		For >100 To 300, Add	0.61	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.58	1.01
		For Factory Finish, Add	0.56	
		For Random Width Floor, Add	2.60	
		For Up To 20, Add	4.42	
		For >20 To 50, Add	2.35	
		For >50 To 100, Add	1.18	
		For >100 To 300, Add	0.59	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	11.55	1.01
		For Factory Finish, Add	0.70	
		For Random Width Floor, Add	2.66	
		For Up To 20, Add	3.78	
		For >20 To 50, Add	2.07	
		For >50 To 100, Add	1.03	
		For >100 To 300, Add	0.52	

09 Finishes**09 60 Flooring****09 64 Wood Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	10.58	1.01
		<i>For Factory Finish, Add</i>	0.60	
		<i>For Random Width Floor, Add</i>	2.42	
		<i>For Up To 20, Add</i>	3.64	
		<i>For >20 To 50, Add</i>	1.97	
		<i>For >50 To 100, Add</i>	0.99	
		<i>For >100 To 300, Add</i>	0.49	

09 64 29 00-0029 Prefinished Engineered Wood Flooring (09 64 29)

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring.....	11.28	1.01
		<i>For Up To 20, Add</i>	3.48	
		<i>For >20 To 50, Add</i>	1.92	
		<i>For >50 To 100, Add</i>	0.96	
		<i>For >100 To 300, Add</i>	0.48	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring.....	11.28	1.01
		<i>For Up To 20, Add</i>	3.48	
		<i>For >20 To 50, Add</i>	1.92	
		<i>For >50 To 100, Add</i>	0.96	
		<i>For >100 To 300, Add</i>	0.48	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring.....	10.96	1.01
		<i>For Up To 20, Add</i>	3.43	
		<i>For >20 To 50, Add</i>	1.89	
		<i>For >50 To 100, Add</i>	0.95	
		<i>For >100 To 300, Add</i>	0.47	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring.....	11.20	1.01
		<i>For Up To 20, Add</i>	3.47	
		<i>For >20 To 50, Add</i>	1.91	
		<i>For >50 To 100, Add</i>	0.96	
		<i>For >100 To 300, Add</i>	0.48	

09 64 66 Wood Athletic Flooring (09 64)

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors (09 64 66)

Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor.....	13.15	5.06
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0003	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....	17.46	6.58
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0004	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok).....	18.37	6.58
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex).....	20.23	6.58
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0006	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....	19.36	6.58
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0007	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock).....	22.12	6.58
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
		<i>For Oak Or Birch, Deduct</i>	-0.20	
		<i>For Pine, Deduct</i>	-0.30	
		<i>For #1 Grade Material, Add</i>	0.50	

09 65 Resilient Flooring (09 60)

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base And Accessories (09 65)**09 65 13 13 Resilient Base (09 65 13)****09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base (09 65 13 13)**

Note: Includes inside and outside corners.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 13 13-0002	LF		2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors.....	3.53	1.34
			<i>For Up To 20, Add</i>	1.61	
			<i>For >20 To 40, Add</i>	0.89	
			<i>For >40 To 80, Add</i>	0.31	
			<i>For >240 To 960, Deduct</i>	-0.22	
			<i>For >960, Deduct</i>	-0.33	
09 65 13 13-0003	LF		4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors.....	3.85	1.34
			<i>For Up To 20, Add</i>	1.65	
			<i>For >20 To 40, Add</i>	0.92	
			<i>For >40 To 80, Add</i>	0.33	
			<i>For >240 To 960, Deduct</i>	-0.25	
			<i>For >960, Deduct</i>	-0.38	
09 65 13 13-0004	LF		6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors.....	4.54	1.34
			<i>For Up To 20, Add</i>	1.76	
			<i>For >20 To 40, Add</i>	0.99	
			<i>For >40 To 80, Add</i>	0.36	
			<i>For >240 To 960, Deduct</i>	-0.32	
			<i>For >960, Deduct</i>	-0.48	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0006	LF		2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	3.74	1.34
			<i>For Up To 20, Add</i>	1.64	
			<i>For >20 To 40, Add</i>	0.91	
			<i>For >40 To 80, Add</i>	0.32	
			<i>For >240 To 960, Deduct</i>	-0.24	
			<i>For >960, Deduct</i>	-0.36	
09 65 13 13-0007	LF		4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	3.98	1.34
			<i>For Up To 20, Add</i>	1.67	
			<i>For >20 To 40, Add</i>	0.94	
			<i>For >40 To 80, Add</i>	0.33	
			<i>For >240 To 960, Deduct</i>	-0.26	
			<i>For >960, Deduct</i>	-0.40	
09 65 13 13-0008	LF		6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	4.64	1.34
			<i>For Up To 20, Add</i>	1.77	
			<i>For >20 To 40, Add</i>	1.00	
			<i>For >40 To 80, Add</i>	0.37	
			<i>For >240 To 960, Deduct</i>	-0.33	
			<i>For >960, Deduct</i>	-0.49	
09 65 13 13-0009	LF		2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	5.57	1.34
			<i>For Up To 20, Add</i>	1.91	
			<i>For >20 To 40, Add</i>	1.10	
			<i>For >40 To 80, Add</i>	0.41	
			<i>For >240 To 960, Deduct</i>	-0.42	
			<i>For >960, Deduct</i>	-0.63	
09 65 13 13-0010	LF		3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	5.78	1.34
			<i>For Up To 20, Add</i>	1.94	
			<i>For >20 To 40, Add</i>	1.12	
			<i>For >40 To 80, Add</i>	0.42	
			<i>For >240 To 960, Deduct</i>	-0.44	
			<i>For >960, Deduct</i>	-0.67	
09 65 13 13-0011	LF		4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	6.82	1.34
			<i>For Up To 20, Add</i>	2.10	
			<i>For >20 To 40, Add</i>	1.22	
			<i>For >40 To 80, Add</i>	0.48	
			<i>For >240 To 960, Deduct</i>	-0.55	
			<i>For >960, Deduct</i>	-0.82	
09 65 13 13-0012	LF		6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors.....	8.89	1.34
			<i>For Up To 20, Add</i>	2.41	
			<i>For >20 To 40, Add</i>	1.43	
			<i>For >40 To 80, Add</i>	0.58	
			<i>For >240 To 960, Deduct</i>	-0.75	
			<i>For >960, Deduct</i>	-1.13	

09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0014	LF		2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors.....	4.00	1.62
			<i>For Up To 20, Add</i>	1.68	
			<i>For >20 To 40, Add</i>	0.94	
			<i>For >40 To 80, Add</i>	0.33	
			<i>For >240 To 960, Deduct</i>	-0.27	
			<i>For >960, Deduct</i>	-0.40	
09 65 13 13-0015	LF		4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors.....	4.01	1.34
			<i>For Up To 20, Add</i>	1.68	
			<i>For >20 To 40, Add</i>	0.94	
			<i>For >40 To 80, Add</i>	0.34	
			<i>For >240 To 960, Deduct</i>	-0.27	
			<i>For >960, Deduct</i>	-0.40	
09 65 13 13-0016	LF		6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors.....	5.52	1.62
			<i>For Up To 20, Add</i>	2.12	
			<i>For >20 To 40, Add</i>	1.20	
			<i>For >40 To 80, Add</i>	0.44	
			<i>For >240 To 960, Deduct</i>	-0.39	
			<i>For >960, Deduct</i>	-0.59	

09 65 13 23 Resilient Stair Treads And Risers (09 65 13)

Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 13 23-0001		Rubber Stair Treads and Risers (09 65 13 23)		
09 65 13 23-0002		Raised Disc Or Other Patterned Rubber Stair Tread (09 65 13 23-0001)		
09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.51	2.16
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.61	2.32
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.72	2.48
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0006		Smooth Surface Rubber Stair Tread (09 65 13 23-0001)		
09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	13.77	2.16
		Note: Smooth surface.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.76	2.32
		Note: Smooth surface.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.63	2.49
		Note: Smooth surface.		
		For Abrasive Strip, Add	2.75	
		For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0010		Smooth Surface Rubber Stair Riser (09 65 13 23-0001)		
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.03	1.29
09 65 13 23-0012		Smooth, Raised Disc or Other Patterned Rubber Landing Mats (09 65 13 23-0001)		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	18.03	2.00
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	21.32	2.16
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	23.18	2.42
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0016		Vinyl Stair Treads and Risers (09 65 13 23)		
09 65 13 23-0017		Ribbed Vinyl Stair Tread (09 65 13 23-0016)		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	13.06	1.96
		For Abrasive Strip, Add	2.75	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	14.40	2.16
		For Abrasive Strip, Add	2.75	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	17.02	2.33
		For Abrasive Strip, Add	2.75	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser (09 65 13 23-0016)		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	7.44	1.29
09 65 13 23-0023		Rubber Stair Treads (09 65 13 23)		
09 65 13 23-0024	LF	Stair Tread (Norament Grano)	23.98	2.33
09 65 13 23-0025	LF	Solid Stair Tread	21.89	2.33
09 65 13 23-0026	LF	Visibly Impaired (VI) Strip	7.54	2.33
09 65 13 33		Resilient Accessories (09 65 13)		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayment (09 65 13 33)		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.68	1.07
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.48	1.07
09 65 13 33-0004		Concrete Floor Prep (09 65 13 33)		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor	1.34	
		Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 13 36		Resilient Carpet Transitions (09 65 13)		
09 65 13 36-0001		Vinyl Transition Strip (09 65 13 36)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0002	LF		Vinyl Transition Strip, Brown Or Black	1.91	0.97
			For Up To 20, Add	0.82	
			For >20 To 40, Add	0.46	
			For >40 To 80, Add	0.16	
			For >240 To 960, Deduct	-0.12	
			For >960, Deduct	-0.19	
09 65 13 36-0003	LF		Vinyl Floor Tile Reducer Strip, Brown Or Black	1.79	0.97
			For Up To 20, Add	0.80	
			For >20 To 40, Add	0.45	
			For >40 To 80, Add	0.16	
			For >240 To 960, Deduct	-0.11	
			For >960, Deduct	-0.17	
09 65 13 36-0004	LF		Vinyl Floor Tile Feature Strip, Brown Or Black.....	1.64	0.97
			For Up To 20, Add	0.78	
			For >20 To 40, Add	0.43	
			For >40 To 80, Add	0.15	
			For >240 To 960, Deduct	-0.10	
			For >960, Deduct	-0.15	
09 65 13 36-0005	LF		1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	2.86	1.34
			For Up To 20, Add	1.29	
			For >20 To 40, Add	0.72	
			For >40 To 80, Add	0.25	
			For >240 To 960, Deduct	-0.18	
			For >960, Deduct	-0.27	
09 65 13 36-0006 Vinyl, Wheeled Traffic Transitions (09 65 13 36)					
09 65 13 36-0007	LF		1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.31	1.34
			For Up To 20, Add	1.36	
			For >20 To 40, Add	0.76	
			For >40 To 80, Add	0.27	
			For >240 To 960, Deduct	-0.22	
			For >960, Deduct	-0.33	
09 65 13 36-0008	LF		1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.31	1.34
			For Up To 20, Add	1.36	
			For >20 To 40, Add	0.76	
			For >40 To 80, Add	0.27	
			For >240 To 960, Deduct	-0.22	
			For >960, Deduct	-0.33	
09 65 13 36-0009	LF		5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	3.83	1.34
			For Up To 20, Add	1.44	
			For >20 To 40, Add	0.82	
			For >40 To 80, Add	0.30	
			For >240 To 960, Deduct	-0.28	
			For >960, Deduct	-0.41	
09 65 13 36-0010	LF		1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	5.64	1.34
			For Up To 20, Add	1.71	
			For >20 To 40, Add	1.00	
			For >40 To 80, Add	0.39	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.68	
09 65 13 36-0011	LF		1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	5.66	1.34
			For Up To 20, Add	1.71	
			For >20 To 40, Add	1.00	
			For >40 To 80, Add	0.39	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.69	
09 65 13 36-0012	LF		1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	4.09	1.34
			For Up To 20, Add	1.48	
			For >20 To 40, Add	0.84	
			For >40 To 80, Add	0.31	
			For >240 To 960, Deduct	-0.30	
			For >960, Deduct	-0.45	
09 65 13 36-0013	LF		1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	5.53	1.34
			For Up To 20, Add	1.69	
			For >20 To 40, Add	0.99	
			For >40 To 80, Add	0.38	
			For >240 To 960, Deduct	-0.45	
			For >960, Deduct	-0.67	
09 65 13 36-0014	LF		1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	5.69	1.34
			For Up To 20, Add	1.72	
			For >20 To 40, Add	1.00	
			For >40 To 80, Add	0.39	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.69	
09 65 13 36-0015	LF		3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	4.96	1.34
			For Up To 20, Add	1.61	
			For >20 To 40, Add	0.93	
			For >40 To 80, Add	0.36	
			For >240 To 960, Deduct	-0.39	
			For >960, Deduct	-0.58	
09 65 13 36-0016	LF		3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	5.32	1.34
			For Up To 20, Add	1.66	
			For >20 To 40, Add	0.96	
			For >40 To 80, Add	0.37	
			For >240 To 960, Deduct	-0.42	
			For >960, Deduct	-0.64	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	5.69	1.34
		For Up To 20, Add	1.72	
		For >20 To 40, Add	1.00	
		For >40 To 80, Add	0.39	
		For >240 To 960, Deduct	-0.46	
		For >960, Deduct	-0.69	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	4.89	1.34
		For Up To 20, Add	1.60	
		For >20 To 40, Add	0.92	
		For >40 To 80, Add	0.35	
		For >240 To 960, Deduct	-0.38	
		For >960, Deduct	-0.57	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P).....	4.29	1.34
		For Up To 20, Add	1.51	
		For >20 To 40, Add	0.86	
		For >40 To 80, Add	0.32	
		For >240 To 960, Deduct	-0.32	
		For >960, Deduct	-0.48	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL).....	5.82	1.34
		For Up To 20, Add	1.74	
		For >20 To 40, Add	1.01	
		For >40 To 80, Add	0.40	
		For >240 To 960, Deduct	-0.47	
		For >960, Deduct	-0.71	
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	7.19	1.34
		For Up To 20, Add	1.94	
		For >20 To 40, Add	1.15	
		For >40 To 80, Add	0.47	
		For >240 To 960, Deduct	-0.61	
		For >960, Deduct	-0.92	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X).....	4.20	1.34
		For Up To 20, Add	1.49	
		For >20 To 40, Add	0.85	
		For >40 To 80, Add	0.32	
		For >240 To 960, Deduct	-0.31	
		For >960, Deduct	-0.47	
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y).....	4.25	1.34
		For Up To 20, Add	1.50	
		For >20 To 40, Add	0.86	
		For >40 To 80, Add	0.32	
		For >240 To 960, Deduct	-0.32	
		For >960, Deduct	-0.48	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z).....	4.68	1.34
		For Up To 20, Add	1.57	
		For >20 To 40, Add	0.90	
		For >40 To 80, Add	0.34	
		For >240 To 960, Deduct	-0.36	
		For >960, Deduct	-0.54	

09 65 16 Resilient Sheet Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring (09 65 16)**09 65 16 23-0001 Vinyl Sheet Flooring** (09 65 16 23)

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®)	7.23	0.80
		For Up To 40, Add	3.59	
		For >40 To 100, Add	1.80	
		For >1,000, Deduct	-0.56	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™)	6.04	0.80
		For Up To 40, Add	3.35	
		For >40 To 100, Add	1.68	
		For >1,000, Deduct	-0.44	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®).....	4.18	0.80
		For Up To 40, Add	2.98	
		For >40 To 100, Add	1.49	
		For >1,000, Deduct	-0.25	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™).....	5.22	0.80
		For Up To 40, Add	3.19	
		For >40 To 100, Add	1.59	
		For >1,000, Deduct	-0.36	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®).....	6.75	0.80
		For Up To 40, Add	3.50	
		For >40 To 100, Add	1.75	
		For >1,000, Deduct	-0.51	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®).....	9.06	0.80
		For Up To 40, Add	3.96	
		For >40 To 100, Add	1.98	
		For >1,000, Deduct	-0.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 16 23-0008			Heat Welding Vinyl Sheet Flooring Seams <small>(09 65 16 23)</small>		
			Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 16 23-0009	LF		Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	7.33	
09 65 16 23-0010	LF		Heat Weld Patterned Vinyl Sheet Flooring Seams	7.58	

09 65 16 23-0011			Forming Vinyl Sheet Flooring Inside/Outside Cove Corners <small>(09 65 16 23)</small>		
			Note: Excludes heat welding.		
09 65 16 23-0012	EA		Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	17.96	

09 65 16 23-0013			Vinyl Sheet Flooring Accessories <small>(09 65 16 23)</small>		
09 65 16 23-0014	LF		1/2" Radius Vinyl Cove Filler Strip	3.34	
09 65 16 23-0015	LF		1-1/4" Radius Vinyl Cove Filler Strip	3.13	
09 65 16 23-0016	LF		1-1/2" Radius Vinyl Cove Filler Strip	4.42	
09 65 16 23-0017	LF		1/8" Aluminum Cove Cap.....	2.75	

09 65 16 33 Rubber Sheet Flooring (09 65 16)

09 65 16 33-0001			Rubber Tile And Sheet Flooring <small>(09 65 16 33)</small>		
09 65 16 33-0002	SF		2mm Tile And Roll Goods; Environcare.....	6.73	1.33
09 65 16 33-0003	SF		3mm Tile And Roll Goods; Environcare.....	8.10	1.33
09 65 16 33-0004	SF		2mm Tile And Roll Goods; Senticare.....	6.73	1.33
09 65 16 33-0005	SF		3mm Tile And Roll Goods; Senticare.....	8.10	1.33

09 65 19 Resilient Tile Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring (09 65 19)

09 65 19 19-0001			Vinyl Composition Tile (VCT) <small>(09 65 19 19)</small>		
			Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.		
09 65 19 19-0002	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	3.01	1.62
			<i>For 3/32" Thick, Deduct</i>	-0.10	
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.25	
			<i>For >20 To 40, Add</i>	0.70	
			<i>For >40 To 80, Add</i>	0.25	
			<i>For >1,000 To 3,000, Deduct</i>	-0.07	
			<i>For >3,000 To 6,000, Deduct</i>	-0.19	
			<i>For >6,000, Deduct</i>	-0.36	
09 65 19 19-0003	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™).....	2.94	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.24	
			<i>For >20 To 40, Add</i>	0.69	
			<i>For >40 To 80, Add</i>	0.25	
			<i>For >1,000 To 3,000, Deduct</i>	-0.07	
			<i>For >3,000 To 6,000, Deduct</i>	-0.19	
			<i>For >6,000, Deduct</i>	-0.36	
09 65 19 19-0004	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	2.94	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.24	
			<i>For >20 To 40, Add</i>	0.69	
			<i>For >40 To 80, Add</i>	0.25	
			<i>For >1,000 To 3,000, Deduct</i>	-0.07	
			<i>For >3,000 To 6,000, Deduct</i>	-0.19	
			<i>For >6,000, Deduct</i>	-0.36	
09 65 19 19-0005	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	3.83	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.37	
			<i>For >20 To 40, Add</i>	0.78	
			<i>For >40 To 80, Add</i>	0.29	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.22	
			<i>For >6,000, Deduct</i>	-0.41	
09 65 19 19-0006	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	3.84	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.38	
			<i>For >20 To 40, Add</i>	0.78	
			<i>For >40 To 80, Add</i>	0.29	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.22	
			<i>For >6,000, Deduct</i>	-0.41	
09 65 19 19-0007	SF		1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®).....	4.01	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.40	
			<i>For >20 To 40, Add</i>	0.80	
			<i>For >40 To 80, Add</i>	0.30	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.23	
			<i>For >6,000, Deduct</i>	-0.42	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	4.04	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
		<i>For Up To 20, Add</i>	1.41	
		<i>For >20 To 40, Add</i>	0.80	
		<i>For >40 To 80, Add</i>	0.30	
		<i>For >1,000 To 3,000, Deduct</i>	-0.09	
		<i>For >3,000 To 6,000, Deduct</i>	-0.23	
		<i>For >6,000, Deduct</i>	-0.42	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	4.14	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
		<i>For Up To 20, Add</i>	1.42	
		<i>For >20 To 40, Add</i>	0.81	
		<i>For >40 To 80, Add</i>	0.31	
		<i>For >1,000 To 3,000, Deduct</i>	-0.09	
		<i>For >3,000 To 6,000, Deduct</i>	-0.24	
		<i>For >6,000, Deduct</i>	-0.43	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.11	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
		<i>For Up To 20, Add</i>	1.57	
		<i>For >20 To 40, Add</i>	0.91	
		<i>For >40 To 80, Add</i>	0.36	
		<i>For >1,000 To 3,000, Deduct</i>	-0.11	
		<i>For >3,000 To 6,000, Deduct</i>	-0.27	
		<i>For >6,000, Deduct</i>	-0.49	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	5.49	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
		<i>For Up To 20, Add</i>	1.62	
		<i>For >20 To 40, Add</i>	0.95	
		<i>For >40 To 80, Add</i>	0.37	
		<i>For >1,000 To 3,000, Deduct</i>	-0.12	
		<i>For >3,000 To 6,000, Deduct</i>	-0.29	
		<i>For >6,000, Deduct</i>	-0.51	
09 65 19 19-0012	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®)	5.54	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
		<i>For Up To 20, Add</i>	1.63	
		<i>For >20 To 40, Add</i>	0.95	
		<i>For >40 To 80, Add</i>	0.38	
		<i>For >1,000 To 3,000, Deduct</i>	-0.12	
		<i>For >3,000 To 6,000, Deduct</i>	-0.29	
		<i>For >6,000, Deduct</i>	-0.51	

09 65 19 19-0013 Static Dissipative Vinyl Composition Tile (VCT) (09 65 19 19)

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	12.33	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-3.19	
		<i>For Up To 20, Add</i>	3.19	
		<i>For >20 To 40, Add</i>	1.91	
		<i>For >40 To 80, Add</i>	0.78	
		<i>For >1,000 To 3,000, Deduct</i>	-0.26	
		<i>For >3,000 To 6,000, Deduct</i>	-0.61	
		<i>For >6,000, Deduct</i>	-1.04	
09 65 19 19-0015	SF	1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	10.31	1.62
		<i>For Extra Stock, Material Only, Deduct</i>	-3.19	
		<i>For Up To 20, Add</i>	2.89	
		<i>For >20 To 40, Add</i>	1.70	
		<i>For >40 To 80, Add</i>	0.68	
		<i>For >1,000 To 3,000, Deduct</i>	-0.22	
		<i>For >3,000 To 6,000, Deduct</i>	-0.53	
		<i>For >6,000, Deduct</i>	-0.92	

09 65 19 23 Vinyl Tile Flooring (09 65 19)**09 65 19 23-0001 Vinyl Tile** (09 65 19 23)

Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) (09 65 19 23-0001)

Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.38	1.62
		<i>For Up To 20, Add</i>	2.06	
		<i>For >20 To 40, Add</i>	1.19	
		<i>For >40 To 80, Add</i>	0.46	
		<i>For >1,000 To 3,000, Deduct</i>	-0.14	
		<i>For >3,000 To 6,000, Deduct</i>	-0.35	
		<i>For >6,000, Deduct</i>	-0.63	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.51	1.62
		<i>For Up To 20, Add</i>	2.08	
		<i>For >20 To 40, Add</i>	1.20	
		<i>For >40 To 80, Add</i>	0.46	
		<i>For >1,000 To 3,000, Deduct</i>	-0.14	
		<i>For >3,000 To 6,000, Deduct</i>	-0.36	
		<i>For >6,000, Deduct</i>	-0.64	
09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	6.60	1.62
		<i>For Up To 20, Add</i>	2.09	
		<i>For >20 To 40, Add</i>	1.21	
		<i>For >40 To 80, Add</i>	0.47	
		<i>For >1,000 To 3,000, Deduct</i>	-0.15	
		<i>For >3,000 To 6,000, Deduct</i>	-0.36	
		<i>For >6,000, Deduct</i>	-0.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 19 23-0006			Luxury Vinyl Tile (LVT) <small>(09 65 19 23-0001)</small>		
09 65 19 23-0007	SF		2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico)	9.63	1.62
			<i>For Up To 20, Add</i>	2.55	
			<i>For >20 To 40, Add</i>	1.52	
			<i>For >40 To 80, Add</i>	0.62	
			<i>For >1,000 To 3,000, Deduct</i>	-0.21	
			<i>For >3,000 To 6,000, Deduct</i>	-0.48	
			<i>For >6,000, Deduct</i>	-0.83	

09 65 19 33 Rubber Tile Flooring (09 65 19)

09 65 19 33-0001			Rubber Tile Flooring <small>(09 65 19 33)</small>		
09 65 19 33-0002	SF		3.5mm, 39.3" Square Tile (Norament XP)	10.60	1.33
09 65 19 33-0003	SF		3.5mm, 39.3" Square Tile (Norament Grano)	9.98	1.33
09 65 19 33-0004	SF		3.5mm, 39.3" Square Tile (Norament Satura)	9.98	1.33

09 65 19 33-0005 Rubber Tile (09 65 19 33)
09 65 19 33-0006 Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0005)

09 65 19 33-0007	SF		1/8" Thick Rubber Tile With Raised Discs	14.16	0.97
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 20, Add</i>	2.92	
			<i>For >20 To 40, Add</i>	1.82	
			<i>For >40 To 100, Add</i>	0.81	
09 65 19 33-0008	SF		3/16" Thick Rubber Tile With Raised Discs	17.07	1.07
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 20, Add</i>	3.42	
			<i>For >20 To 40, Add</i>	2.14	
			<i>For >40 To 100, Add</i>	0.96	
09 65 19 33-0009	SF		7/32" Thick Rubber Tile With Raised Discs	19.06	1.29
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 20, Add</i>	3.90	
			<i>For >20 To 40, Add</i>	2.42	
			<i>For >40 To 100, Add</i>	1.08	

09 65 19 43 Polyester Composition Tile Flooring (09 65 19)

09 65 19 43-0001			Polyester Composition Floor Tile <small>(09 65 19 43)</small>		
			Note: Any size.		
09 65 19 43-0002	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	3.87	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.38	
			<i>For >20 To 40, Add</i>	0.79	
			<i>For >40 To 80, Add</i>	0.29	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.22	
			<i>For >6,000, Deduct</i>	-0.41	
09 65 19 43-0003	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	4.28	1.62
			<i>For Extra Stock, Material Only, Deduct</i>	-1.90	
			<i>For Up To 20, Add</i>	1.44	
			<i>For >20 To 40, Add</i>	0.83	
			<i>For >40 To 80, Add</i>	0.31	
			<i>For >1,000 To 3,000, Deduct</i>	-0.10	
			<i>For >3,000 To 6,000, Deduct</i>	-0.24	
			<i>For >6,000, Deduct</i>	-0.44	

09 65 23 Resilient Plank Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001			Vinyl Plank Flooring <small>(09 65 23)</small>		
09 65 23 00-0002	SF		0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	5.60	0.80
			<i>For Up To 40, Add</i>	3.27	
			<i>For >40 To 100, Add</i>	1.63	
			<i>For >1,000, Deduct</i>	-0.40	
09 65 23 00-0003	SF		0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.88	0.80
			<i>For Up To 40, Add</i>	3.52	
			<i>For >40 To 100, Add</i>	1.76	
			<i>For >1,000, Deduct</i>	-0.52	
09 65 23 00-0004	SF		0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	7.67	0.80
			<i>For Up To 40, Add</i>	3.68	
			<i>For >40 To 100, Add</i>	1.84	
			<i>For >1,000, Deduct</i>	-0.60	

09 65 43 Linoleum Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001			Linoleum Flooring <small>(09 65 43)</small>		
09 65 43 00-0002	SF		Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong)	5.41	1.62
			<i>For Up To 20, Add</i>	1.92	
			<i>For >20 To 40, Add</i>	1.09	
			<i>For >40 To 100, Add</i>	0.41	
09 65 43 00-0003	SF		Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	6.88	0.81
09 65 43 00-0004	SF		> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	6.36	0.81

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
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09 65 43 00-0005	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato).....	7.13	0.81
09 65 43 00-0006	SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	6.65	0.81
09 65 43 00-0007	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	7.13	0.81
09 65 43 00-0008	SF	> 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	6.46	0.81
09 65 43 00-0009	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton).....	8.67	0.81
09 65 43 00-0010	SF	> 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	8.00	0.81
09 65 43 00-0011	LF	Heat Weld Linoleum Sheet Flooring Seams	7.33	
Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.				

09 65 66 Resilient Athletic Flooring (09 65)**09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles (09 65 66)**

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	4.89	0.75
<i>For Colors, Add</i>			0.76	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	5.73	0.94
<i>For Colors, Add</i>			0.88	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	6.93	1.51
<i>For Colors, Add</i>			0.95	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	9.83	1.83
<i>For Colors, Add</i>			1.44	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles (09 65 66)

09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155).....	23.95	0.75
<i>For Colors, Add</i>			2.86	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	34.44	0.75
<i>For Colors, Add</i>			4.17	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	25.27	0.75
<i>For Colors, Add</i>			3.03	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	30.99	0.75
<i>For Colors, Add</i>			3.74	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150).....	25.97	0.75
<i>For Colors, Add</i>			3.11	

09 65 66 00-0012 Sheet Goods For Gym (09 65 66)

09 65 66 00-0013	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.59	3.23
09 65 66 00-0014	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.99	3.34
09 65 66 00-0015	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	8.28	3.44
09 65 66 00-0016	SF	1/8" Rubber Sheet Good For Gym Floor Base.....	5.07	2.64
09 65 66 00-0017	SF	3/16" Rubber Sheet Good For Gym Floor Base.....	5.73	3.01
09 65 66 00-0018	SF	1/4" Rubber Sheet Good For Gym Floor Base.....	6.53	3.23
09 65 66 00-0019	SF	3/8" Rubber Sheet Good For Gym Floor Base.....	7.15	3.44
09 65 66 00-0020	SF	1/2" Rubber Sheet Good For Gym Floor Base.....	7.56	3.66

09 65 66 00-0021 Polyurethane Floor Systems (09 65 66)

See CSI section 09 93 23 53-0015 for game lines.

09 65 66 00-0022	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	17.73	2.16
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09 66 Terrazzo Flooring (09 60)**09 66 13 Portland Cement Terrazzo Flooring (09 66)**

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring (09 66 13)**09 66 13 13-0001 Floors Not Bonded To Concrete (09 66 13 13)**

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	30.26	2.64
<i>For Venetian Type Terrazzo, Add</i>			8.09	
<i>For Abrasive Heavy Duty Terrazzo, Add</i>			8.09	
<i>For Colors, Add</i>			4.04	
<i>For Up To 100, Add</i>			7.25	
<i>For >100 To 250, Add</i>			3.63	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	30.42	2.64
<i>For Venetian Type Terrazzo, Add</i>			8.17	
<i>For Abrasive Heavy Duty Terrazzo, Add</i>			8.17	
<i>For Colors, Add</i>			4.08	
<i>For Up To 100, Add</i>			7.27	
<i>For >100 To 250, Add</i>			3.63	

09 66 13 16 Monolithic Terrazzo Flooring (09 66 13)**09 66 13 16-0001 Monolithic Terrazzo (09 66 13 16)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	16.89	2.64
		Note: Including Mesh And Felt		
		For Venetian Type Terrazzo, Add	5.89	
		For Abrasive Heavy Duty Terrazzo, Add	5.89	
		For Colors, Add	2.94	
		For Up To 100, Add	3.23	
		For >100 To 250, Add	1.61	

09 66 13 19 Bonded Terrazzo Flooring (09 66 13)
09 66 13 19-0001 Floors Bonded To Concrete (09 66 13 19)

09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	24.17	2.64
		Note: 1-3/4" Thick - 5/8" topping.		
		For Venetian Type Terrazzo, Add	6.67	
		For Abrasive Heavy Duty Terrazzo, Add	6.67	
		For Colors, Add	3.34	
		For Up To 100, Add	5.67	
		For >100 To 250, Add	2.83	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	24.33	2.64
		For Venetian Type Terrazzo, Add	6.75	
		For Abrasive Heavy Duty Terrazzo, Add	6.75	
		For Colors, Add	3.38	
		For Up To 100, Add	5.68	
		For >100 To 250, Add	2.84	

09 66 13 19-0004 Terrazzo Wainscot (09 66 13 19)

09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	32.09	3.52
		For Venetian Type Terrazzo, Add	4.32	

09 66 13 19-0006 Terrazzo Base (09 66 13 19)

09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	34.69	2.85
		For Venetian Type Terrazzo, Add	9.42	

09 66 13 19-0008 Terrazzo Curb (09 66 13 19)

09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	88.49	19.01
		For Venetian Type Terrazzo, Add	12.56	

09 66 13 19-0010 Stairs Cast In Place (09 66 13 19)

		Note: Topping applied to concrete or metal.		
09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	32.66	5.28
		For Each SF Of Abrasive Surface Finish, Add	0.35	
		For Each LF Of Embedded Abrasive Strips, Add	0.56	
		For Each LF Of Abrasive Metal Nosing, Add	3.90	
		For Each SF Of Landings, Add	1.50	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	81.23	17.60
		For Each SF Of Abrasive Surface Finish, Add	0.35	
		For Each LF Of Embedded Abrasive Strips, Add	0.56	
		For Each LF Of Abrasive Metal Nosing, Add	3.90	
		For Each SF Of Landings, Add	1.50	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	33.14	5.28
		For Each SF Of Abrasive Surface Finish, Add	0.35	
		For Each LF Of Embedded Abrasive Strips, Add	0.56	
		For Each LF Of Abrasive Metal Nosing, Add	3.90	
		For Each SF Of Landings, Add	1.50	

09 66 13 19-0014 Divider Strips (09 66 13 19)

09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip.....	4.27	0.88
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	4.43	0.88
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	6.50	0.88
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip.....	9.36	0.88
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors.....	4.17	0.88
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors.....	5.97	0.88
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	3.84	0.88

09 66 16 Terrazzo Floor Tile (09 66)
09 66 16 13 Portland Cement Terrazzo Floor Tile (09 66 16)
09 66 16 13-0001 Flooring Tiles (09 66 16 13)

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

09 66 16 13-0002 Terrazzo Tiles With Non Slip Surface (09 66 16 13-0001)

09 66 16 13-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	28.48	2.67
		For White Cement, Add	0.36	
		For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	29.06	2.67
		For White Cement, Add	0.36	
		For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	33.60	2.67
		For White Cement, Add	0.36	
		For Venetian Type Terrazzo, Add	2.00	

09 Finishes**09 60 Flooring****09 66 Terrazzo Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0006	SF		18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	35.89	2.67
			<i>For White Cement, Add</i>	0.36	
			<i>For Venetian Type Terrazzo, Add</i>	2.00	
09 66 16 13-0007	SF		24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	37.47	2.67
			<i>For White Cement, Add</i>	0.36	
			<i>For Venetian Type Terrazzo, Add</i>	2.00	
09 66 16 13-0008			Terrazzo Tile Thin Set <small>(09 66 16 13-0001)</small>		
09 66 16 13-0009	SF		Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	28.17	2.67
			<i>For White Cement, Add</i>	0.36	
			<i>For Venetian Type Terrazzo, Add</i>	2.00	
09 66 16 13-0010	SF		Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	30.01	2.67
			<i>For White Cement, Add</i>	0.36	
			<i>For Venetian Type Terrazzo, Add</i>	2.00	
09 66 16 13-0011			Thin Set Terrazzo Wainscot <small>(09 66 16 13-0001)</small>		
09 66 16 13-0012	SF		12" x 12" x 1" Terrazzo Tile Wainscot Thin Set.....	44.24	5.71
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0013	SF		18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set.....	50.47	5.71
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0014			Thin Set Terrazzo Base, Gray Cement <small>(09 66 16 13-0001)</small>		
09 66 16 13-0015	LF		6" High, Straight Terrazzo Base Thin Set, Gray Cement	14.75	2.85
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0016	LF		6" High, Cove Terrazzo Base Thin Set, Gray Cement	16.46	2.85
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0017	LF		8" High, Straight Terrazzo Base Thin Set, Gray Cement	17.18	2.85
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0018	LF		8" High, Cove Terrazzo Base Thin Set, Gray Cement	18.03	2.85
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0019			Terrazzo Curbs <small>(09 66 16 13-0001)</small>		
09 66 16 13-0020	LF		8" x 8" Curb, Terrazzo Tile.....	29.71	3.80
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0021	LF		6" x 6" Curb, Terrazzo Tile.....	28.85	3.80
			<i>For Each LF Of White Cement, Add</i>	0.50	
			<i>For Each LF Of Zinc Toe Strip, Add</i>	1.00	
09 66 16 13-0022			Precast Terrazzo Stair Treads 12" Wide <small>(09 66 16 13-0001)</small>		
09 66 16 13-0023	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern.....	71.21	3.80
09 66 16 13-0024	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface.....	60.97	3.80
09 66 16 13-0025	LF		2" Precast Terrazzo Straight Stair Tread.....	54.14	3.80
09 66 16 13-0026	LF		2" Precast Terrazzo Curved Stair Tread	63.37	3.80
09 66 16 13-0027			Stair Risers, 1" Thick To 6" High, Straight <small>(09 66 16 13-0001)</small>		
09 66 16 13-0028	LF		1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	32.37	2.85
09 66 16 13-0029	LF		1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....	37.49	2.85
09 66 16 13-0030			Stair Risers, 1" Thick To 6" High, Curved <small>(09 66 16 13-0001)</small>		
09 66 16 13-0031	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	47.55	2.85
09 66 16 13-0032	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	50.96	2.85
09 66 16 13-0033			Tread And Riser <small>(09 66 16 13)</small>		
09 66 16 13-0034			Stair Stringers, Notched For Treads And Risers <small>(09 66 16 13-0033)</small>		
09 66 16 13-0035	LF		1" Precast Terrazzo Stair Stringers Notched For Treads And Risers.....	79.75	7.60
09 66 16 13-0036	LF		2" Precast Terrazzo Stair Stringers Notched For Treads And Risers.....	96.23	7.60
09 66 16 13-0037			Structural Non-Slip Landings <small>(09 66 16 13-0033)</small>		
09 66 16 13-0038	SF		1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	57.37	3.80
09 66 16 13-0039	SF		3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	70.56	3.80
09 66 16 13-0040			Combined Tread And Riser <small>(09 66 16 13-0033)</small>		
09 66 16 13-0041			Straight Sections <small>(09 66 16 13-0040)</small>		
09 66 16 13-0042	LF		Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	124.87	7.60
09 66 16 13-0043	LF		Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	148.77	7.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 66 16 13-0044		Curved Sections <small>(09 66 16 13-0040)</small>			
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	156.34		7.60
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	197.32		7.60

09 66 23 Resinous Matrix Terrazzo Flooring (09 66)

09 66 23 16 Epoxy-Resin Terrazzo Flooring (09 66 23)

09 66 23 16-0001 Epoxy Terrazzo (09 66 23 16)

09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	23.13		2.64
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09 66 33 Conductive Terrazzo Flooring (09 66)

Note: For anti-static areas.

09 66 33 13 Conductive Epoxy-Resin Terrazzo (09 66 33)

09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	24.72		4.75
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	44.92		4.75

09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring (09 66 33)

09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial.....	18.91		4.75
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	32.40		4.75

09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring (09 66 33)

09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	21.13		4.75
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	40.48		4.75
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	30.60		4.75
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	34.78		4.75

09 67 Fluid-Applied Flooring (09 60)

09 67 16 Epoxy-Marble Chip Flooring (09 67)

09 67 16 00-0001 Epoxy Marble Chip Flooring (09 67 16)

09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base.....	12.97		2.64
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.05</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.05</i>		
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	13.67		2.64
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.06</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.06</i>		

09 67 23 Resinous Flooring (09 67)

09 67 23 00-0001 Epoxy Resin Flooring (09 67 23)

Note: Includes primer and topcoats (assorted colors), existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 35 43 00-0001 for additional floor polish grinding.

09 67 23 00-0002	SF	3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	11.01		5.98
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.04</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.04</i>		
		<i>For Up To 500, Add</i>	<i>2.05</i>		
		<i>For >500 To 1,000, Add</i>	<i>1.30</i>		
		<i>For >1,000 To 2,000, Add</i>	<i>0.65</i>		
09 67 23 00-0003	SF	3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	15.81		5.98
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.09</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.09</i>		
		<i>For Up To 500, Add</i>	<i>3.25</i>		
		<i>For >500 To 1,000, Add</i>	<i>2.02</i>		
		<i>For >1,000 To 2,000, Add</i>	<i>1.01</i>		
09 67 23 00-0004	SF	1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	12.47		6.69
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.04</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.04</i>		
		<i>For Up To 500, Add</i>	<i>2.31</i>		
		<i>For >500 To 1,000, Add</i>	<i>1.47</i>		
		<i>For >1,000 To 2,000, Add</i>	<i>0.73</i>		
09 67 23 00-0005	SF	1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	17.97		6.69
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.10</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.10</i>		
		<i>For Up To 500, Add</i>	<i>3.69</i>		
		<i>For >500 To 1,000, Add</i>	<i>2.29</i>		
		<i>For >1,000 To 2,000, Add</i>	<i>1.15</i>		
09 67 23 00-0006	SF	3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	13.93		7.48
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	<i>0.05</i>		
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	<i>0.05</i>		
		<i>For Up To 500, Add</i>	<i>2.60</i>		
		<i>For >500 To 1,000, Add</i>	<i>1.65</i>		
		<i>For >1,000 To 2,000, Add</i>	<i>0.82</i>		

09 Finishes**09 60 Flooring****09 67 Fluid-Applied Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 67 23 00-0007	SF	3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	19.77	7.48
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.11	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.11	
		<i>For Up To 500, Add</i>	4.06	
		<i>For >500 To 1,000, Add</i>	2.53	
		<i>For >1,000 To 2,000, Add</i>	1.26	

09 68 Carpeting (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting (09 68)
09 68 13 00-0001 Tufted Carpet Tile With Fiberglass Reinforced Backing (09 68 13)
 Note: Includes glue (Lees ICT Backing System)

09 68 13 00-0002 Non-Patterned Carpet Tiles (09 68 13 00-0001)

09 68 13 00-0003	SY	18 Ounce, Non Patterned, Nylon Carpet Tile.....	37.79	6.49
		<i>For >200 To 400, Deduct</i>	-0.44	
		<i>For >400 To 600, Deduct</i>	-0.66	
		<i>For >600 To 900, Deduct</i>	-1.33	
		<i>For >900 To 1,500, Deduct</i>	-2.01	
		<i>For >1,500 To 2,200, Deduct</i>	-2.98	
		<i>For >2,200 To 3,500, Deduct</i>	-3.93	
		<i>For >3,500, Deduct</i>	-4.87	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0004	SY	20 Ounce, Non Patterned, Nylon Carpet Tile.....	39.12	6.49
		<i>For >200 To 400, Deduct</i>	-0.46	
		<i>For >400 To 600, Deduct</i>	-0.70	
		<i>For >600 To 900, Deduct</i>	-1.40	
		<i>For >900 To 1,500, Deduct</i>	-2.10	
		<i>For >1,500 To 2,200, Deduct</i>	-3.12	
		<i>For >2,200 To 3,500, Deduct</i>	-4.09	
		<i>For >3,500, Deduct</i>	-5.07	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0005	SY	22 Ounce, Non Patterned, Nylon Carpet Tile.....	43.33	6.49
		<i>For >200 To 400, Deduct</i>	-0.55	
		<i>For >400 To 600, Deduct</i>	-0.82	
		<i>For >600 To 900, Deduct</i>	-1.61	
		<i>For >900 To 1,500, Deduct</i>	-2.40	
		<i>For >1,500 To 2,200, Deduct</i>	-3.54	
		<i>For >2,200 To 3,500, Deduct</i>	-4.62	
		<i>For >3,500, Deduct</i>	-5.70	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0006	SY	24 Ounce, Non Patterned, Nylon Carpet Tile.....	47.44	6.49
		<i>For >200 To 400, Deduct</i>	-0.63	
		<i>For >400 To 600, Deduct</i>	-0.95	
		<i>For >600 To 900, Deduct</i>	-1.82	
		<i>For >900 To 1,500, Deduct</i>	-2.68	
		<i>For >1,500 To 2,200, Deduct</i>	-3.95	
		<i>For >2,200 To 3,500, Deduct</i>	-5.13	
		<i>For >3,500, Deduct</i>	-6.32	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0007	SY	26 Ounce, Non Patterned, Nylon Carpet Tile.....	49.84	6.49
		<i>For >200 To 400, Deduct</i>	-0.68	
		<i>For >400 To 600, Deduct</i>	-1.02	
		<i>For >600 To 900, Deduct</i>	-1.94	
		<i>For >900 To 1,500, Deduct</i>	-2.85	
		<i>For >1,500 To 2,200, Deduct</i>	-4.19	
		<i>For >2,200 To 3,500, Deduct</i>	-5.43	
		<i>For >3,500, Deduct</i>	-6.68	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0008	SY	28 Ounce, Non Patterned, Nylon Carpet Tile.....	52.30	6.49
		<i>For >200 To 400, Deduct</i>	-0.73	
		<i>For >400 To 600, Deduct</i>	-1.09	
		<i>For >600 To 900, Deduct</i>	-2.06	
		<i>For >900 To 1,500, Deduct</i>	-3.02	
		<i>For >1,500 To 2,200, Deduct</i>	-4.43	
		<i>For >2,200 To 3,500, Deduct</i>	-5.74	
		<i>For >3,500, Deduct</i>	-7.05	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile.....	53.02	6.49
		<i>For >200 To 400, Deduct</i>	-0.74	
		<i>For >400 To 600, Deduct</i>	-1.11	
		<i>For >600 To 900, Deduct</i>	-2.09	
		<i>For >900 To 1,500, Deduct</i>	-3.08	
		<i>For >1,500 To 2,200, Deduct</i>	-4.51	
		<i>For >2,200 To 3,500, Deduct</i>	-5.83	
		<i>For >3,500, Deduct</i>	-7.16	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile.....	53.48	6.49
		<i>For >200 To 400, Deduct</i>	-0.75	
		<i>For >400 To 600, Deduct</i>	-1.13	
		<i>For >600 To 900, Deduct</i>	-2.12	
		<i>For >900 To 1,500, Deduct</i>	-3.11	
		<i>For >1,500 To 2,200, Deduct</i>	-4.55	
		<i>For >2,200 To 3,500, Deduct</i>	-5.89	
		<i>For >3,500, Deduct</i>	-7.23	
		<i>For Cushion Backed Tile, Add</i>	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0011	SY		34 Ounce, Non Patterned, Nylon Carpet Tile.....	53.87	6.49
			<i>For >200 To 400, Deduct</i>	-0.76	
			<i>For >400 To 600, Deduct</i>	-1.14	
			<i>For >600 To 900, Deduct</i>	-2.14	
			<i>For >900 To 1,500, Deduct</i>	-3.13	
			<i>For >1,500 To 2,200, Deduct</i>	-4.59	
			<i>For >2,200 To 3,500, Deduct</i>	-5.94	
			<i>For >3,500, Deduct</i>	-7.29	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0012	SY		36 Ounce, Non Patterned, Nylon Carpet Tile.....	55.18	6.49
			<i>For >200 To 400, Deduct</i>	-0.79	
			<i>For >400 To 600, Deduct</i>	-1.18	
			<i>For >600 To 900, Deduct</i>	-2.20	
			<i>For >900 To 1,500, Deduct</i>	-3.23	
			<i>For >1,500 To 2,200, Deduct</i>	-4.72	
			<i>For >2,200 To 3,500, Deduct</i>	-6.10	
			<i>For >3,500, Deduct</i>	-7.48	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0013	SY		38 Ounce, Non Patterned, Nylon Carpet Tile.....	57.78	6.49
			<i>For >200 To 400, Deduct</i>	-0.84	
			<i>For >400 To 600, Deduct</i>	-1.26	
			<i>For >600 To 900, Deduct</i>	-2.33	
			<i>For >900 To 1,500, Deduct</i>	-3.41	
			<i>For >1,500 To 2,200, Deduct</i>	-4.98	
			<i>For >2,200 To 3,500, Deduct</i>	-6.43	
			<i>For >3,500, Deduct</i>	-7.87	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0014	SY		40 Ounce, Non Patterned, Nylon Carpet Tile.....	60.57	6.49
			<i>For >200 To 400, Deduct</i>	-0.89	
			<i>For >400 To 600, Deduct</i>	-1.34	
			<i>For >600 To 900, Deduct</i>	-2.47	
			<i>For >900 To 1,500, Deduct</i>	-3.60	
			<i>For >1,500 To 2,200, Deduct</i>	-5.26	
			<i>For >2,200 To 3,500, Deduct</i>	-6.78	
			<i>For >3,500, Deduct</i>	-8.29	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0015	SY		42 Ounce, Non Patterned, Nylon Carpet Tile.....	65.92	6.49
			<i>For >200 To 400, Deduct</i>	-1.00	
			<i>For >400 To 600, Deduct</i>	-1.50	
			<i>For >600 To 900, Deduct</i>	-2.74	
			<i>For >900 To 1,500, Deduct</i>	-3.98	
			<i>For >1,500 To 2,200, Deduct</i>	-5.80	
			<i>For >2,200 To 3,500, Deduct</i>	-7.44	
			<i>For >3,500, Deduct</i>	-9.09	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0016	SY		Installation Of Owner Provided Non Patterned Carpet Tiles.....	15.60	
09 68 13 00-0017 Patterned Carpet Tiles (09 68 13 00-0001)					
Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.					
09 68 13 00-0018	SY		15 Ounce, Patterned, Nylon Carpet Tile.....	38.99	6.49
			<i>For >200 To 400, Deduct</i>	-0.43	
			<i>For >400 To 600, Deduct</i>	-0.65	
			<i>For >600 To 900, Deduct</i>	-1.34	
			<i>For >900 To 1,500, Deduct</i>	-2.03	
			<i>For >1,500 To 2,200, Deduct</i>	-3.02	
			<i>For >2,200 To 3,500, Deduct</i>	-4.00	
			<i>For >3,500, Deduct</i>	-4.97	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0019	SY		18 Ounce, Patterned, Nylon Carpet Tile.....	39.70	6.49
			<i>For >200 To 400, Deduct</i>	-0.44	
			<i>For >400 To 600, Deduct</i>	-0.67	
			<i>For >600 To 900, Deduct</i>	-1.37	
			<i>For >900 To 1,500, Deduct</i>	-2.08	
			<i>For >1,500 To 2,200, Deduct</i>	-3.10	
			<i>For >2,200 To 3,500, Deduct</i>	-4.09	
			<i>For >3,500, Deduct</i>	-5.08	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0020	SY		20 Ounce, Patterned, Nylon Carpet Tile.....	41.05	6.49
			<i>For >200 To 400, Deduct</i>	-0.47	
			<i>For >400 To 600, Deduct</i>	-0.71	
			<i>For >600 To 900, Deduct</i>	-1.44	
			<i>For >900 To 1,500, Deduct</i>	-2.17	
			<i>For >1,500 To 2,200, Deduct</i>	-3.23	
			<i>For >2,200 To 3,500, Deduct</i>	-4.26	
			<i>For >3,500, Deduct</i>	-5.28	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0021	SY		22 Ounce, Patterned, Nylon Carpet Tile.....	45.32	6.49
			<i>For >200 To 400, Deduct</i>	-0.56	
			<i>For >400 To 600, Deduct</i>	-0.83	
			<i>For >600 To 900, Deduct</i>	-1.65	
			<i>For >900 To 1,500, Deduct</i>	-2.47	
			<i>For >1,500 To 2,200, Deduct</i>	-3.66	
			<i>For >2,200 To 3,500, Deduct</i>	-4.79	
			<i>For >3,500, Deduct</i>	-5.92	
			<i>For Cushion Backed Tile, Add</i>	6.00	

09 Finishes

09 60 Flooring

09 68 Carpeting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0022	SY		24 Ounce, Patterned, Nylon Carpet Tile	49.49	6.49
			<i>For >200 To 400, Deduct</i>	-0.64	
			<i>For >400 To 600, Deduct</i>	-0.96	
			<i>For >600 To 900, Deduct</i>	-1.86	
			<i>For >900 To 1,500, Deduct</i>	-2.76	
			<i>For >1,500 To 2,200, Deduct</i>	-4.07	
			<i>For >2,200 To 3,500, Deduct</i>	-5.31	
			<i>For >3,500, Deduct</i>	-6.55	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0023	SY		26 Ounce, Patterned, Nylon Carpet Tile	51.93	6.49
			<i>For >200 To 400, Deduct</i>	-0.69	
			<i>For >400 To 600, Deduct</i>	-1.03	
			<i>For >600 To 900, Deduct</i>	-1.98	
			<i>For >900 To 1,500, Deduct</i>	-2.94	
			<i>For >1,500 To 2,200, Deduct</i>	-4.32	
			<i>For >2,200 To 3,500, Deduct</i>	-5.62	
			<i>For >3,500, Deduct</i>	-6.92	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0024	SY		28 Ounce, Patterned, Nylon Carpet Tile	54.42	6.49
			<i>For >200 To 400, Deduct</i>	-0.74	
			<i>For >400 To 600, Deduct</i>	-1.11	
			<i>For >600 To 900, Deduct</i>	-2.11	
			<i>For >900 To 1,500, Deduct</i>	-3.11	
			<i>For >1,500 To 2,200, Deduct</i>	-4.57	
			<i>For >2,200 To 3,500, Deduct</i>	-5.93	
			<i>For >3,500, Deduct</i>	-7.29	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0025	SY		30 Ounce, Patterned, Nylon Carpet Tile	55.16	6.49
			<i>For >200 To 400, Deduct</i>	-0.75	
			<i>For >400 To 600, Deduct</i>	-1.13	
			<i>For >600 To 900, Deduct</i>	-2.15	
			<i>For >900 To 1,500, Deduct</i>	-3.16	
			<i>For >1,500 To 2,200, Deduct</i>	-4.64	
			<i>For >2,200 To 3,500, Deduct</i>	-6.02	
			<i>For >3,500, Deduct</i>	-7.40	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0026	SY		32 Ounce, Patterned, Nylon Carpet Tile	55.63	6.49
			<i>For >200 To 400, Deduct</i>	-0.76	
			<i>For >400 To 600, Deduct</i>	-1.14	
			<i>For >600 To 900, Deduct</i>	-2.17	
			<i>For >900 To 1,500, Deduct</i>	-3.19	
			<i>For >1,500 To 2,200, Deduct</i>	-4.69	
			<i>For >2,200 To 3,500, Deduct</i>	-6.08	
			<i>For >3,500, Deduct</i>	-7.47	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0027	SY		34 Ounce, Patterned, Nylon Carpet Tile	56.01	6.49
			<i>For >200 To 400, Deduct</i>	-0.77	
			<i>For >400 To 600, Deduct</i>	-1.16	
			<i>For >600 To 900, Deduct</i>	-2.19	
			<i>For >900 To 1,500, Deduct</i>	-3.22	
			<i>For >1,500 To 2,200, Deduct</i>	-4.73	
			<i>For >2,200 To 3,500, Deduct</i>	-6.13	
			<i>For >3,500, Deduct</i>	-7.53	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0028	SY		36 Ounce, Patterned, Nylon Carpet Tile	57.35	6.49
			<i>For >200 To 400, Deduct</i>	-0.80	
			<i>For >400 To 600, Deduct</i>	-1.20	
			<i>For >600 To 900, Deduct</i>	-2.26	
			<i>For >900 To 1,500, Deduct</i>	-3.31	
			<i>For >1,500 To 2,200, Deduct</i>	-4.86	
			<i>For >2,200 To 3,500, Deduct</i>	-6.29	
			<i>For >3,500, Deduct</i>	-7.73	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0029	SY		38 Ounce, Patterned, Nylon Carpet Tile	59.98	6.49
			<i>For >200 To 400, Deduct</i>	-0.85	
			<i>For >400 To 600, Deduct</i>	-1.27	
			<i>For >600 To 900, Deduct</i>	-2.39	
			<i>For >900 To 1,500, Deduct</i>	-3.50	
			<i>For >1,500 To 2,200, Deduct</i>	-5.12	
			<i>For >2,200 To 3,500, Deduct</i>	-6.62	
			<i>For >3,500, Deduct</i>	-8.12	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0030	SY		40 Ounce, Patterned, Nylon Carpet Tile	62.82	6.49
			<i>For >200 To 400, Deduct</i>	-0.91	
			<i>For >400 To 600, Deduct</i>	-1.36	
			<i>For >600 To 900, Deduct</i>	-2.53	
			<i>For >900 To 1,500, Deduct</i>	-3.70	
			<i>For >1,500 To 2,200, Deduct</i>	-5.41	
			<i>For >2,200 To 3,500, Deduct</i>	-6.98	
			<i>For >3,500, Deduct</i>	-8.55	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 68 13 00-0031	SY		42 Ounce, Patterned, Nylon Carpet Tile	68.25	6.49
			<i>For >200 To 400, Deduct</i>	-1.02	
			<i>For >400 To 600, Deduct</i>	-1.52	
			<i>For >600 To 900, Deduct</i>	-2.80	
			<i>For >900 To 1,500, Deduct</i>	-4.08	
			<i>For >1,500 To 2,200, Deduct</i>	-5.95	
			<i>For >2,200 To 3,500, Deduct</i>	-7.66	
			<i>For >3,500, Deduct</i>	-9.36	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0032	SY		Installation Of Owner Provided Patterned Carpet Tiles	17.91	
09 68 13 00-0033			ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) (09 68 13 00-0001)		
			Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0034	SY		24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	73.47	6.49
			<i>For >200 To 400, Deduct</i>	-1.12	
			<i>For >400 To 600, Deduct</i>	-1.68	
			<i>For >600 To 900, Deduct</i>	-3.06	
			<i>For >900 To 1,500, Deduct</i>	-4.44	
			<i>For >1,500 To 2,200, Deduct</i>	-6.47	
			<i>For >2,200 To 3,500, Deduct</i>	-8.31	
			<i>For >3,500, Deduct</i>	-10.15	
09 68 13 00-0035			Carpet Tiles (09 68 13)		
			Note: Includes glue		
09 68 13 00-0036	SY		27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II).....	78.18	6.49
			Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.		
			<i>For >200 To 400, Deduct</i>	-1.21	
			<i>For >400 To 600, Deduct</i>	-1.82	
			<i>For >600 To 900, Deduct</i>	-3.30	
			<i>For >900 To 1,500, Deduct</i>	-4.77	
			<i>For >1,500 To 2,200, Deduct</i>	-6.94	
			<i>For >2,200 To 3,500, Deduct</i>	-8.90	
			<i>For >3,500, Deduct</i>	-10.85	
09 68 13 00-0037	SY		22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata)	67.25	6.49
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			<i>For >200 To 400, Deduct</i>	-1.00	
			<i>For >400 To 600, Deduct</i>	-1.49	
			<i>For >600 To 900, Deduct</i>	-2.75	
			<i>For >900 To 1,500, Deduct</i>	-4.01	
			<i>For >1,500 To 2,200, Deduct</i>	-5.85	
			<i>For >2,200 To 3,500, Deduct</i>	-7.53	
			<i>For >3,500, Deduct</i>	-9.21	
09 68 13 00-0038	SY		20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway)	69.22	6.49
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			<i>For >200 To 400, Deduct</i>	-1.03	
			<i>For >400 To 600, Deduct</i>	-1.55	
			<i>For >600 To 900, Deduct</i>	-2.85	
			<i>For >900 To 1,500, Deduct</i>	-4.15	
			<i>For >1,500 To 2,200, Deduct</i>	-6.05	
			<i>For >2,200 To 3,500, Deduct</i>	-7.78	
			<i>For >3,500, Deduct</i>	-9.51	
09 68 13 00-0039	SY		22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization)	67.58	6.49
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			<i>For >200 To 400, Deduct</i>	-1.00	
			<i>For >400 To 600, Deduct</i>	-1.50	
			<i>For >600 To 900, Deduct</i>	-2.77	
			<i>For >900 To 1,500, Deduct</i>	-4.03	
			<i>For >1,500 To 2,200, Deduct</i>	-5.88	
			<i>For >2,200 To 3,500, Deduct</i>	-7.57	
			<i>For >3,500, Deduct</i>	-9.26	
09 68 13 00-0040	SY		20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt).....	69.54	6.49
			Note: Tufted carpet tile with EcoFlex ICT backing.		
			<i>For >200 To 400, Deduct</i>	-1.04	
			<i>For >400 To 600, Deduct</i>	-1.56	
			<i>For >600 To 900, Deduct</i>	-2.86	
			<i>For >900 To 1,500, Deduct</i>	-4.17	
			<i>For >1,500 To 2,200, Deduct</i>	-6.08	
			<i>For >2,200 To 3,500, Deduct</i>	-7.82	
			<i>For >3,500, Deduct</i>	-9.56	
09 68 16			Sheet Carpeting (09 68)		
			Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001			Carpet Cushion (09 68 16)		
09 68 16 00-0002			Carpet Pads (09 68 16 00-0001)		
09 68 16 00-0003	SY		Foam Rubber Carpet Padding	6.46	2.71
09 68 16 00-0004	SY		Sponge Rubber Carpet Cushion	6.32	2.71
09 68 16 00-0005	SY		1/4" Thick, Urethane Carpet Cushion	6.89	2.71
09 68 16 00-0006	SY		3/8" Thick, Urethane Carpet Cushion	7.54	2.71
09 68 16 00-0007	SY		7/16" Thick, 6 LB/CF Bonded (Rebond), Polyurethane Foam Carpet Padding.....	7.02	2.71
09 68 16 00-0008	SY		3/8" Thick, 7 LB/CF Bonded (Rebond), Polyurethane Foam Carpet Padding.....	7.31	2.71
09 68 16 00-0009	SY		1/2" Thick, 8 LB/CF Bonded (Rebond), Polyurethane Foam Carpet Padding.....	7.74	2.71

09 Finishes**09 60 Flooring****09 68 Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0010			Indoor/Outdoor Carpet <small>(09 68 16)</small> Note: Includes waterproof glue.		
09 68 16 00-0011	SY		Nylon Indoor/Outdoor Carpet.....	34.17	5.41
09 68 16 00-0012	SY		Ozite Indoor/Outdoor Carpet.....	28.52	5.41
09 68 16 00-0013			Commercial Broadloom Carpet <small>(09 68 16)</small> Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0014			Non-Patterned Broadloom Carpet <small>(09 68 16 00-0013)</small>		
09 68 16 00-0015	SY		22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	42.26	26.64
			For Up To 15, Add	3.55	
			For >15 To 33, Add	1.78	
			For >200 To 400, Deduct	-0.49	
			For >400 To 600, Deduct	-0.74	
			For >600 To 900, Deduct	-1.49	
			For >900, Deduct	-2.25	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0016	SY		24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	42.26	26.64
			For Up To 15, Add	3.55	
			For >15 To 33, Add	1.78	
			For >200 To 400, Deduct	-0.49	
			For >400 To 600, Deduct	-0.74	
			For >600 To 900, Deduct	-1.49	
			For >900, Deduct	-2.25	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0017	SY		26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	42.26	26.64
			For Up To 15, Add	3.55	
			For >15 To 33, Add	1.78	
			For >200 To 400, Deduct	-0.49	
			For >400 To 600, Deduct	-0.74	
			For >600 To 900, Deduct	-1.49	
			For >900, Deduct	-2.25	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0018	SY		28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	45.80	28.87
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.92	
			For >200 To 400, Deduct	-0.53	
			For >400 To 600, Deduct	-0.80	
			For >600 To 900, Deduct	-1.62	
			For >900, Deduct	-2.44	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0019	SY		30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	46.55	28.87
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.92	
			For >200 To 400, Deduct	-0.55	
			For >400 To 600, Deduct	-0.82	
			For >600 To 900, Deduct	-1.65	
			For >900, Deduct	-2.49	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0020	SY		32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	46.69	28.87
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.92	
			For >200 To 400, Deduct	-0.55	
			For >400 To 600, Deduct	-0.82	
			For >600 To 900, Deduct	-1.66	
			For >900, Deduct	-2.50	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0021	SY		34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	51.15	31.08
			For Up To 15, Add	4.14	
			For >15 To 33, Add	2.07	
			For >200 To 400, Deduct	-0.61	
			For >400 To 600, Deduct	-0.91	
			For >600 To 900, Deduct	-1.83	
			For >900, Deduct	-2.75	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0022	SY		36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet.....	51.69	31.08
			For Up To 15, Add	4.14	
			For >15 To 33, Add	2.07	
			For >200 To 400, Deduct	-0.62	
			For >400 To 600, Deduct	-0.93	
			For >600 To 900, Deduct	-1.86	
			For >900, Deduct	-2.79	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0023	SY		38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet.....	52.35	31.08
			<i>For Up To 15, Add</i>	4.14	
			<i>For >15 To 33, Add</i>	2.07	
			<i>For >200 To 400, Deduct</i>	-0.63	
			<i>For >400 To 600, Deduct</i>	-0.95	
			<i>For >600 To 900, Deduct</i>	-1.89	
			<i>For >900, Deduct</i>	-2.84	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0024			Patterned Broadloom Carpet (09 68 16 00-0013)		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0025	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	44.41	26.64
			<i>For Up To 15, Add</i>	3.91	
			<i>For >15 To 33, Add</i>	1.95	
			<i>For >200 To 400, Deduct</i>	-0.50	
			<i>For >400 To 600, Deduct</i>	-0.75	
			<i>For >600 To 900, Deduct</i>	-1.54	
			<i>For >900, Deduct</i>	-2.33	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0026	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	44.41	26.64
			<i>For Up To 15, Add</i>	3.91	
			<i>For >15 To 33, Add</i>	1.95	
			<i>For >200 To 400, Deduct</i>	-0.50	
			<i>For >400 To 600, Deduct</i>	-0.75	
			<i>For >600 To 900, Deduct</i>	-1.54	
			<i>For >900, Deduct</i>	-2.33	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0027	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	44.41	26.64
			<i>For Up To 15, Add</i>	3.91	
			<i>For >15 To 33, Add</i>	1.95	
			<i>For >200 To 400, Deduct</i>	-0.50	
			<i>For >400 To 600, Deduct</i>	-0.75	
			<i>For >600 To 900, Deduct</i>	-1.54	
			<i>For >900, Deduct</i>	-2.33	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0028	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	48.13	28.87
			<i>For Up To 15, Add</i>	4.23	
			<i>For >15 To 33, Add</i>	2.12	
			<i>For >200 To 400, Deduct</i>	-0.54	
			<i>For >400 To 600, Deduct</i>	-0.81	
			<i>For >600 To 900, Deduct</i>	-1.67	
			<i>For >900, Deduct</i>	-2.52	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0029	SY		30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	48.89	28.87
			<i>For Up To 15, Add</i>	4.23	
			<i>For >15 To 33, Add</i>	2.12	
			<i>For >200 To 400, Deduct</i>	-0.55	
			<i>For >400 To 600, Deduct</i>	-0.83	
			<i>For >600 To 900, Deduct</i>	-1.70	
			<i>For >900, Deduct</i>	-2.58	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0030	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	49.03	28.87
			<i>For Up To 15, Add</i>	4.23	
			<i>For >15 To 33, Add</i>	2.12	
			<i>For >200 To 400, Deduct</i>	-0.56	
			<i>For >400 To 600, Deduct</i>	-0.84	
			<i>For >600 To 900, Deduct</i>	-1.71	
			<i>For >900, Deduct</i>	-2.59	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0031	SY		34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	53.68	31.08
			<i>For Up To 15, Add</i>	4.56	
			<i>For >15 To 33, Add</i>	2.28	
			<i>For >200 To 400, Deduct</i>	-0.62	
			<i>For >400 To 600, Deduct</i>	-0.93	
			<i>For >600 To 900, Deduct</i>	-1.89	
			<i>For >900, Deduct</i>	-2.85	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0032	SY		36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	54.23	31.08
			<i>For Up To 15, Add</i>	4.56	
			<i>For >15 To 33, Add</i>	2.28	
			<i>For >200 To 400, Deduct</i>	-0.63	
			<i>For >400 To 600, Deduct</i>	-0.94	
			<i>For >600 To 900, Deduct</i>	-1.91	
			<i>For >900, Deduct</i>	-2.88	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	

09 Finishes**09 60 Flooring****09 68 Carpeting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0033	SY		38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	54.90	31.08
			<i>For Up To 15, Add</i>	4.56	
			<i>For >15 To 33, Add</i>	2.28	
			<i>For >200 To 400, Deduct</i>	-0.64	
			<i>For >400 To 600, Deduct</i>	-0.96	
			<i>For >600 To 900, Deduct</i>	-1.95	
			<i>For >900, Deduct</i>	-2.93	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0034	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded)	67.76	28.87
			<i>For Up To 15, Add</i>	4.23	
			<i>For >15 To 33, Add</i>	2.12	
			<i>For >200 To 400, Deduct</i>	-0.93	
			<i>For >400 To 600, Deduct</i>	-1.40	
			<i>For >600 To 900, Deduct</i>	-2.65	
			<i>For >900, Deduct</i>	-3.90	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0035			Carpet Accessories (09 68 16)		
09 68 16 00-0036	LF		Metal Carpet Saddle Strip, Up To 4" Wide.....	5.01	0.73
09 68 16 00-0037			Removal And Reinstallation Of Carpet And Pad (09 68 16)		
			Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0038	SY		Removal And Reinstallation Of Carpet And Pad.....	37.46	
09 68 16 00-0039			Carpeting Support Functions (09 68 16)		
09 68 16 00-0040			Relocate Partitions, Modular Work Stations (09 68 16 00-0039)		
			Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0041	EA		Relocate Modular Work Station	256.76	
09 68 16 00-0042			Installation Of Owner Provided Broadloom Carpet (09 68 16)		
09 68 16 00-0043	SY		Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	15.68	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	3.09	
			<i>For >15 To 33, Add</i>	1.55	
09 68 16 00-0044	SY		>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet.....	18.25	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	3.60	
			<i>For >15 To 33, Add</i>	1.80	
09 68 16 00-0045	SY		>34 Oz, Installation Of Owner Provided Broadloom Carpet.....	21.86	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	4.33	
			<i>For >15 To 33, Add</i>	2.16	
09 69 Access Flooring			(09 69)		
09 69 13 Rigid-Grid Access Flooring			(09 69)		
09 69 13 00-0001			Panels, No Covering (09 69 13)		
09 69 13 00-0002	SF		2' x 2' Panels - No Covering Access And Pedestal Floors	11.34	0.73
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0003	SF		2' x 2' Perforated Panels Access And Pedestal Floors	21.24	0.73
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0004	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	19.79	0.80
09 69 13 00-0005	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	19.79	0.80
09 69 13 00-0006	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	19.79	0.80
09 69 13 00-0007	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	19.79	0.80
09 69 13 00-0008	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	18.72	0.80
09 69 13 00-0009	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	18.72	0.80
09 69 13 00-0010	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	21.13	0.80
09 69 13 00-0011	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	21.13	0.80
09 69 13 00-0012	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	21.13	0.80
09 69 13 00-0013	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	21.13	0.80
09 69 13 00-0014	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	20.06	0.80
09 69 13 00-0015	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	20.06	0.80
09 69 13 00-0016	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	25.39	0.80
09 69 13 00-0017	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim.....	25.39	0.80
09 69 13 00-0018			Pedestals (09 69 13)		
09 69 13 00-0019	EA		6" To 12" Finished Floor Height, Pedestal Assembly	25.72	3.67
09 69 13 00-0020	EA		8" To 12" Finished Floor Height, Pedestal Assembly	27.06	3.67
09 69 13 00-0021	EA		18" To 24" Finished Floor Height, Pedestal Assembly	27.73	3.67
09 69 13 00-0022	EA		30" To 36" Finished Floor Height, Pedestal Assembly	30.15	3.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 69 13 00-0023			Stringers (09 69 13)		
09 69 13 00-0024	EA		2' Bolted Stringers, Access And Pedestal Floors.....	13.82	4.40
09 69 13 00-0025	EA		4' Bolted Stringers, Access And Pedestal Floors.....	23.67	6.60
09 69 13 00-0026	EA		6' Bolted Stringers, Access And Pedestal Floors.....	37.62	11.00

09 69 13 00-0027			Understructure (09 69 13)		
09 69 13 00-0028	SF		Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height.....	4.30	1.10
09 69 13 00-0029	SF		Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height.....	4.62	1.10
09 69 13 00-0030	SF		Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	5.52	1.10

09 69 53 Access Flooring Accessories (09 69)

09 69 53 00-0001			Accessories (09 69 53)		
09 69 53 00-0002	SF		Accessories, Ramp Assembly Access And Pedestal Floors.....	25.94	2.94
09 69 53 00-0003	LF		Accessories, Handrail Access And Pedestal Floors.....	41.90	5.14
09 69 53 00-0004	LF		Accessories, Fascia Plate Access And Pedestal Floors.....	17.95	5.14
09 69 53 00-0005	EA		Machine Cutouts.....	138.51	
09 69 53 00-0006	SF		Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	42.40	
09 69 53 00-0007	LF		Tate 2 Or 3 Riser Steps In Raised Floor System..... Note: Includes baffles, fascia plates trim and cover.	100.61	0.37
09 69 53 00-0008	LF		Tate Handrail.....	80.33	2.42
09 69 53 00-0009	SF		Hammered Aluminum Finish Fascia..... Note: Includes trim angles and hardware (8", 12", 18", 24").	30.55	2.42
09 69 53 00-0010	EA		7" x 17" Lexan Floor Mounted Grille..... Note: Includes carpet trim to flush mount.	137.05	9.17
09 69 53 00-0011	EA		Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material.....	33.25	
09 69 53 00-0012	EA		Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	33.25	
09 69 53 00-0013	EA		Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet.....	39.33	1.46
09 69 53 00-0014	EA		Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL.....	48.02	1.46
09 69 53 00-0015	EA		Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim.....	36.92	1.46
09 69 53 00-0016	EA		Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge.....	48.01	1.46
09 69 53 00-0017	EA		Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4.....	135.43	9.17
09 69 53 00-0018	EA		Flush Mounted Telephone Box (Grey/Black/Communications)..... Note: Includes cut hole.	97.16	9.17
09 69 53 00-0019	EA		Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4.....	135.43	9.17
09 69 53 00-0020	EA		Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2.....	67.82	1.46
09 69 53 00-0021	EA		Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor.....	7.33	

09 69 53 00-0022			Final Cleaning For Computer Room Raised Floor System (09 69 53)		
			Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023	SF		Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	2.49	
09 69 53 00-0024	SF		Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	2.57	
09 69 53 00-0025	SF		Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	2.55	

09 70 Wall Finishes (09)

09 72 Wall Coverings (09 70)

09 72 13 Cork Wall Coverings (09 72)

09 72 13 00-0001			Cork Wall Covering (09 72 13)		
09 72 13 00-0002	SF		1/8" Cork Wall Covering.....	4.70	0.88
09 72 13 00-0003	SF		1/4" Cork Wall Covering.....	5.55	0.88
09 72 13 00-0004	SF		1/2" Cork Wall Covering.....	6.23	0.88
09 72 13 00-0005	SF		3/4" Cork Wall Covering.....	8.23	0.88

09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)

09 72 16 13 Flexible Vinyl Wall Coverings (09 72 16)

09 72 16 13-0001			Vinyl Wall Coverings (09 72 16 13)		
			Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 16 13-0002	SF		7-10 Oz/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	2.96 -1.59	0.88
09 72 16 13-0003	SF		11-14 Oz/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	3.79 -2.33	0.88
09 72 16 13-0004	SF		15-19 Oz/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	4.38 -2.92	0.88
09 72 16 13-0005	SF		20 To 25 Ounces/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	5.19 -3.36	0.88
09 72 16 13-0006	SF		26-32 Oz/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	6.00 -4.09	0.88
09 72 16 13-0007	SF		33-38 Oz/SY Vinyl Wall Covering..... For Owner Furnished Material, Deduct	7.17 -5.17	0.88

09 72 19 Textile Wall Coverings (09 72)

09 72 19 00-0001 Wall Fabrics (09 72 19)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 72 19 00-0002	SF		Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	2.36	0.88
09 72 19 00-0003	SF		Install Owner Furnished Wall Covering Fabrics, Patterned	3.30	0.88

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 **Wallpaper Coverings** *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF		Average Quality Wallpaper (Standard Grade)	2.13	1.17
09 72 23 00-0003	SF		High Quality Wallpaper (Designer Grade)	3.44	1.49
09 72 23 00-0004	SF		Textured Paintable Paper Installed On Ceiling	3.02	2.20

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 **Carpet Wall Covering** *(09 73)*

09 73 00 00-0002	SY		28 Ounce, Nylon Carpet Wall Covering	44.07	29.58
09 73 00 00-0003	SY		32 Ounce, Nylon Carpet Wall Covering	44.78	29.58
09 73 00 00-0004	SY		34 Ounce, Nylon Carpet Wall Covering	48.72	31.85
09 73 00 00-0005	SY		35 Ounce, Nylon Carpet Wall Covering	51.59	31.85
09 73 00 00-0006	SY		36 Ounce, Nylon Carpet Wall Covering	54.52	31.85
09 73 00 00-0007	SY		38 Ounce, Nylon Carpet Wall Covering	55.37	31.85
09 73 00 00-0008	SY		40 Ounce, Nylon Carpet Wall Covering	57.39	34.41
09 73 00 00-0009	SY		42 Ounce, Nylon Carpet Wall Covering	59.55	34.41

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 **Flexible Wood Veneer** *(09 74 16)*

09 74 16 00-0002	SF		1/32" Thick, Flexible Maple Wood Veneer	8.95	3.52
09 74 16 00-0003	SF		1/32" Thick, Flexible Oak Wood Veneer	9.07	3.52
09 74 16 00-0004	SF		1/32" Thick, Flexible Mahogany Wood Veneer	9.07	3.52
09 74 16 00-0005	SF		1/32" Thick, Flexible Birch Wood Veneer	9.19	3.52
09 74 16 00-0006	SF		1/32" Thick, Flexible Walnut Wood Veneer	9.78	3.52
09 74 16 00-0007	SF		1/32" Thick, Flexible Bamboo Wood Veneer	10.50	3.52
09 74 16 00-0008	SF		1/32" Thick, Flexible Fir Wood Veneer	11.33	3.52

09 74 16 00-0009 **Flexible Exotic Wood Veneer** *(09 74 16)*

09 74 16 00-0010	SF		1/32" Thick, Flexible Exotic Wood Veneer	13.40	3.52
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09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 **Stainless Steel Wall Base** *(09 78 13)*

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 **22 Gauge Stainless Steel Wall Base** *(09 78 13 00-0001)*

09 78 13 00-0003	LF		2" Height, 22 Gauge, Stainless Steel Straight Wall Base	8.44	2.28
09 78 13 00-0004	LF		4" Height, 22 Gauge, Stainless Steel Straight Wall Base	11.89	2.51
09 78 13 00-0005	LF		4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	13.06	2.51
09 78 13 00-0006	LF		6" Height, 22 Gauge, Stainless Steel Straight Wall Base	15.49	2.73
09 78 13 00-0007	LF		8" Height, 22 Gauge, Stainless Steel Straight Wall Base	19.13	3.04
09 78 13 00-0008	LF		2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	9.30	2.28
09 78 13 00-0009	LF		4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	12.71	2.51
09 78 13 00-0010	LF		4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.86	2.51
09 78 13 00-0011	LF		6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	16.19	2.73
09 78 13 00-0012	LF		8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.84	3.04
09 78 13 00-0013	EA		2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	22.11	4.56
09 78 13 00-0014	EA		4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	27.51	5.02
09 78 13 00-0015	EA		4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	29.26	5.02
09 78 13 00-0016	EA		6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	32.97	5.47
09 78 13 00-0017	EA		8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	38.73	6.08
09 78 13 00-0018	EA		2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	42.10	4.56
09 78 13 00-0019	EA		4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	47.55	5.02
09 78 13 00-0020	EA		4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	49.24	5.02
09 78 13 00-0021	EA		6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	53.01	5.47
09 78 13 00-0022	EA		8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	58.77	6.08
09 78 13 00-0023	EA		2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	22.11	4.56
09 78 13 00-0024	EA		4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	27.51	5.02
09 78 13 00-0025	EA		4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	29.26	5.02
09 78 13 00-0026	EA		6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	32.97	5.47
09 78 13 00-0027	EA		8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	38.73	6.08
09 78 13 00-0028	EA		2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	50.14	4.56
09 78 13 00-0029	EA		4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	55.53	5.02
09 78 13 00-0030	EA		4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	57.28	5.02
09 78 13 00-0031	EA		6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	61.00	5.47
09 78 13 00-0032	EA		8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	66.75	6.08

09 78 13 00-0033 **16 Gauge Stainless Steel Wall Base** *(09 78 13 00-0001)*

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0034	LF		2" Height, 16 Gauge, Stainless Steel Straight Wall Base	13.43	2.28
09 78 13 00-0035	LF		4" Height, 16 Gauge, Stainless Steel Straight Wall Base	21.92	2.51
09 78 13 00-0036	LF		4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	24.90	2.51
09 78 13 00-0037	LF		6" Height, 16 Gauge, Stainless Steel Straight Wall Base	30.36	2.73
09 78 13 00-0038	LF		8" Height, 16 Gauge, Stainless Steel Straight Wall Base	39.99	3.04
09 78 13 00-0039	LF		2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	14.23	2.28
09 78 13 00-0040	LF		4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	22.70	2.51
09 78 13 00-0041	LF		4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	25.47	2.51
09 78 13 00-0042	LF		6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	31.16	2.73
09 78 13 00-0043	LF		8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	39.78	3.04
09 78 13 00-0044	EA		2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	29.57	4.56
09 78 13 00-0045	EA		4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	42.48	5.02
09 78 13 00-0046	EA		4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	46.91	5.02
09 78 13 00-0047	EA		6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	55.40	5.47
09 78 13 00-0048	EA		8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	68.67	6.08
09 78 13 00-0049	EA		2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	49.59	4.56
09 78 13 00-0050	EA		4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	62.50	5.02
09 78 13 00-0051	EA		4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	67.01	5.02
09 78 13 00-0052	EA		6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	75.44	5.47
09 78 13 00-0053	EA		8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	88.66	6.08
09 78 13 00-0054	EA		2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	29.57	4.56
09 78 13 00-0055	EA		4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	42.48	5.02
09 78 13 00-0056	EA		4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	46.91	5.02
09 78 13 00-0057	EA		6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	55.40	5.47
09 78 13 00-0058	EA		8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	68.67	6.08
09 78 13 00-0059	EA		2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	57.59	4.56
09 78 13 00-0060	EA		4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	70.50	5.02
09 78 13 00-0061	EA		4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	75.02	5.02
09 78 13 00-0062	EA		6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	83.46	5.47
09 78 13 00-0063	EA		8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	96.70	6.08

09 80 Acoustic Treatment (09)

09 81 Acoustic Insulation (09 80)

09 81 16 Acoustic Blanket Insulation (09 81)

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) (09 81 16)

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)

09 81 16 00-0003	SF		1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.60	0.30
09 81 16 00-0004	SF		2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.69	0.30
09 81 16 00-0005	SF		2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.83	0.30
09 81 16 00-0006	SF		3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.93	0.30
09 81 16 00-0007	SF		3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.06	0.30
09 81 16 00-0008	SF		4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.19	0.30
09 81 16 00-0009	SF		5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.35	0.30
09 81 16 00-0010	SF		6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.54	0.30

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)

09 81 16 00-0012	SF		1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.58	0.30
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09 81 16 00-0013 Sound Attenuation Batts (09 81 16)

Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF		2-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.00	0.40
09 81 16 00-0015	SF		3-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.05	0.40
09 81 16 00-0016	SF		3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.08	0.40
09 81 16 00-0017	SF		5-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.18	0.40
09 81 16 00-0018	SF		5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.21	0.40
09 81 16 00-0019	SF		6-1/4" Thick, Unfaced Sound Attenuation Batt.....	1.20	0.40
09 81 16 00-0020	SF		6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.23	0.40

09 84 Acoustic Room Components (09 80)

09 84 13 Fixed Sound-Absorptive Panels (09 84)

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets (09 84 13)

Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.

09 84 13 00-0002	SF		3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler.....	9.42	2.03
09 84 13 00-0003	SF		1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	13.68	2.03

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System (09 84 13)

See CSI section 06 11 16 00-0129 for wood furring.

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System

(Armstrong® Soundsoak®) (09 84 13 00-0004)

Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF		5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	10.02	2.28
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09 Finishes

09 80 Acoustic Treatment

09 84 Acoustic Room Components

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®).....	9.37	2.28
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701).....	11.41	2.28
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™).....	11.42	2.28
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™).....	12.45	2.28
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™).....	12.45	2.28

09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) (09 84 13 00-0004)

Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®).....	11.43	2.28
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701).....	13.11	2.28
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™).....	13.11	2.28
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™).....	14.79	2.28
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™).....	14.79	2.28

09 84 13 00-0018 Sound Absorbing Panel, Eggcrate Style (09 84 13)

Note: Ceiling or wall hung back.

09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style).....	9.43	
		For Pyramid Style, Add	1.18	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style).....	12.33	
		For Pyramid Style, Add	1.18	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style).....	15.91	
		For Pyramid Style, Add	1.18	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style).....	12.02	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	2.05	
		For Pyramid Style With Hypalon Coating, Add	4.02	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style).....	23.81	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	0.42	
		For Pyramid Style With Hypalon Coating, Add	2.40	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style).....	30.33	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	0.42	
		For Pyramid Style With Hypalon Coating, Add	2.40	

09 84 13 00-0025 Sound Deadening Fiberboard (09 84 13)

09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard.....	1.30	0.50
		For Horizontal Installation Up To 10' High, Add	0.31	
		For Horizontal Installation >10' High, Add	0.46	
		For Walls >10' High, Add	0.07	
		For Up To 128, Add	0.44	
		For >128 To 320, Add	0.27	

09 90 Painting And Coating (09)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required, 09 29 10 00-0037 for finishing existing wall surfaces or small holes not requiring patching in excess of items included above.

09 91 Painting (09 90)

Note: (Sherwin Williams)

09 91 13 Exterior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001		Paint Exterior Walls/Siding (09 91 13)		
09 91 13 00-0002		Paint Exterior Brick Walls (09 91 13 00-0001)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0003	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls.....		0.90	
		For Oil Based Paint, Add		0.05	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.19	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.42	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.60	
		For >100 To 250, Add		0.28	
		For >250 To 500, Add		0.12	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.14	
		For >20,000, Deduct		-0.18	
09 91 13 00-0004	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls		1.29	
		For Oil Based Paint, Add		0.07	
		For Work >15' To 20' Above Floor, Add		0.17	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.29	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.46	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.63	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.88	
		For >100 To 250, Add		0.41	
		For >250 To 500, Add		0.18	
		For >2,500 To 5,000, Deduct		-0.06	
		For >5,000 To 10,000, Deduct		-0.13	
		For >10,000 To 20,000, Deduct		-0.19	
		For >20,000, Deduct		-0.26	
09 91 13 00-0005	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls		1.84	
		For Oil Based Paint, Add		0.11	
		For Work >15' To 20' Above Floor, Add		0.23	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.39	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.62	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.85	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.20	
		For >100 To 250, Add		0.57	
		For >250 To 500, Add		0.25	
		For >2,500 To 5,000, Deduct		-0.09	
		For >5,000 To 10,000, Deduct		-0.18	
		For >10,000 To 20,000, Deduct		-0.28	
		For >20,000, Deduct		-0.37	
09 91 13 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls		0.58	
		For Oil Based Paint, Add		0.04	
		For Work >15' To 20' Above Floor, Add		0.07	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.11	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.18	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.25	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.36	
		For >100 To 250, Add		0.17	
		For >250 To 500, Add		0.07	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.12	
09 91 13 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls		0.97	
		For Oil Based Paint, Add		0.06	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.20	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.43	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.61	
		For >100 To 250, Add		0.29	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.15	
		For >20,000, Deduct		-0.19	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0008	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.42	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.43	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.59	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.86	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 13 00-0009	SF 1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.51	
	For Oil Based Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
09 91 13 00-0010	SF 1 Coat Paint, Sprayed, Paint Exterior Brick Walls.....	0.50	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.04	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.07	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.11	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.15	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.24	
	For >100 To 250, Add	0.12	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
09 91 13 00-0011	SF 2 Coats Paint, Sprayed, Paint Exterior Brick Walls.....	1.08	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.22	
09 91 13 00-0012	Paint Exterior Concrete Walls (09 91 13 00-0001).....	0.77	
09 91 13 00-0013	SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.77	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0014 SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Walls.....	0.84	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0015 SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Walls.....	1.57	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.77	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.08	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.31	
09 91 13 00-0016 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls.....	0.60	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.27	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0017 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	0.71	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 13 00-0018 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	1.17	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.55	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.78	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.23	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0019	SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Walls.....	0.46	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.08	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.13	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.18	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.27	
	For >100 To 250, Add	0.13	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	
09 91 13 00-0020	SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.42	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.08	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.12	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.17	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.25	
	For >100 To 250, Add	0.12	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.06	
	For >20,000, Deduct	-0.08	
09 91 13 00-0021	SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	0.73	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.28	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0022	Paint Exterior Concrete Block Walls (09 91 13 00-0001)		
09 91 13 00-0023	Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0022)		
09 91 13 00-0024	SF 1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls.....	1.04	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 13 00-0025	SF 1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.21	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.41	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.56	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	

09 91 13 00-0026	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.10
		<i>For Work >15' To 20' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.68
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.94
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.34
		<i>For >100 To 250, Add</i>	0.64
		<i>For >250 To 500, Add</i>	0.28
		<i>For >2,500 To 5,000, Deduct</i>	-0.11
		<i>For >5,000 To 10,000, Deduct</i>	-0.21
		<i>For >10,000 To 20,000, Deduct</i>	-0.32
		<i>For >20,000, Deduct</i>	-0.42
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.84
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.16
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.36
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.52
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.13
		<i>For >20,000, Deduct</i>	-0.17
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.84
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.19
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.30
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.41
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.59
		<i>For >100 To 250, Add</i>	0.28
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.19
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.65
		<i>For Work >15' To 20' Above Floor, Add</i>	0.19
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.32
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.50
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.69
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.00
		<i>For >100 To 250, Add</i>	0.48
		<i>For >250 To 500, Add</i>	0.21
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.17
		<i>For >10,000 To 20,000, Deduct</i>	-0.25
		<i>For >20,000, Deduct</i>	-0.33
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.59
		<i>For Work >15' To 20' Above Floor, Add</i>	0.05
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.09
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.14
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.19
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.30
		<i>For >100 To 250, Add</i>	0.15
		<i>For >250 To 500, Add</i>	0.06
		<i>For >2,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000 To 10,000, Deduct</i>	-0.06
		<i>For >10,000 To 20,000, Deduct</i>	-0.09
		<i>For >20,000, Deduct</i>	-0.12

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0031	SF 1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	0.66	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.17	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.23	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0032	SF 2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.27	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	
09 91 13 00-0033	Paint Exterior Concrete Block Walls, Acrylic Latex Paint <small>(09 91 13 00-0022)</small>		
09 91 13 00-0034	SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls.....	0.98	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.66	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0035	SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls.....	1.15	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.76	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 13 00-0036	SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls.....	2.10	
	For Oil Based Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.26	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.44	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.70	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.96	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.37	
	For >100 To 250, Add	0.65	
	For >250 To 500, Add	0.28	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0037	SF	Texture Coat, Brush Work, Paint Exterior Concrete Block Walls.....	1.28	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.60	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.85	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.26	
09 91	13 00-0038	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.77	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.35	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.15	
09 91	13 00-0039	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.97	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.19	
09 91	13 00-0040	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.65	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.20	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.33	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.52	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.72	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.03	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	
09 91	13 00-0041	SF	Texture Coat, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.08	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.49	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.22	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0042	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.64
		<i>For Oil Based Paint, Add</i>	0.04
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.38
		<i>For >100 To 250, Add</i>	0.18
		<i>For >250 To 500, Add</i>	0.08
		<i>For >2,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000 To 10,000, Deduct</i>	-0.06
		<i>For >10,000 To 20,000, Deduct</i>	-0.10
		<i>For >20,000, Deduct</i>	-0.13
09 91 13 00-0043	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	0.67
		<i>For Oil Based Paint, Add</i>	0.04
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.18
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.25
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.37
		<i>For >100 To 250, Add</i>	0.18
		<i>For >250 To 500, Add</i>	0.08
		<i>For >2,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 20,000, Deduct</i>	-0.10
		<i>For >20,000, Deduct</i>	-0.13
09 91 13 00-0044	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.05
		<i>For Oil Based Paint, Add</i>	0.07
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.32
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.63
		<i>For >100 To 250, Add</i>	0.30
		<i>For >250 To 500, Add</i>	0.13
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.11
		<i>For >10,000 To 20,000, Deduct</i>	-0.16
		<i>For >20,000, Deduct</i>	-0.21
09 91 13 00-0045	SF	Texture Coat, Sprayed, Paint Exterior Concrete Block Walls	0.86
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.33
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.49
		<i>For >100 To 250, Add</i>	0.24
		<i>For >250 To 500, Add</i>	0.10
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.13
		<i>For >20,000, Deduct</i>	-0.17
09 91 13 00-0046		Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001).....	0.79
09 91 13 00-0047	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall.....	0.79
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Orange Peel Finish, Add</i>	0.11
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17
		<i>Note: Applied only to work area above 20'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.27
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.37
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.53
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.12
		<i>For >20,000, Deduct</i>	-0.16
		<i>For Epoxy Paint, Add</i>	0.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0048	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls		0.87	
		For Oil Based Paint, Add		0.05	
		For Orange Peel Finish, Add		0.12	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.20	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.43	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.60	
		For >100 To 250, Add		0.28	
		For >250 To 500, Add		0.12	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.13	
		For >20,000, Deduct		-0.17	
		For Epoxy Paint, Add		0.07	
09 91 13 00-0049	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls.....		1.57	
		For Oil Based Paint, Add		0.09	
		For Orange Peel Finish, Add		0.22	
		For Work >15' To 20' Above Floor, Add		0.21	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.35	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.56	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.77	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.08	
		For >100 To 250, Add		0.51	
		For >250 To 500, Add		0.22	
		For >2,500 To 5,000, Deduct		-0.08	
		For >5,000 To 10,000, Deduct		-0.16	
		For >10,000 To 20,000, Deduct		-0.24	
		For >20,000, Deduct		-0.31	
		For Epoxy Paint, Add		0.13	
09 91 13 00-0050	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....		0.61	
		For Oil Based Paint, Add		0.04	
		For Orange Peel Finish, Add		0.08	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.20	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.28	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.39	
		For >100 To 250, Add		0.19	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.12	
		For Epoxy Paint, Add		0.06	
09 91 13 00-0051	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....		0.63	
		For Oil Based Paint, Add		0.04	
		For Orange Peel Finish, Add		0.09	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.14	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		0.22	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.30	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.42	
		For >100 To 250, Add		0.20	
		For >250 To 500, Add		0.09	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.13	
		For Epoxy Paint, Add		0.06	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0052	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.14	
	For Oil Based Paint, Add	0.07	
	For Orange Peel Finish, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
	For Epoxy Paint, Add	0.11	
09 91 13 00-0053	SF 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.46	
	For Oil Based Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.08	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.13	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.18	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.27	
	For >100 To 250, Add	0.13	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	
	For Epoxy Paint, Add	0.06	
09 91 13 00-0054	SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.50	
	For Oil Based Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.10	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.16	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.21	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.31	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
	For Epoxy Paint, Add	0.06	
09 91 13 00-0055	SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.81	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.48	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
	For Epoxy Paint, Add	0.11	

09 91 13 00-0056 Paint Exterior Metal Walls (09 91 13 00-0001)

09 91 13 00-0057 Paint Exterior Galvanized Walls (09 91 13 00-0056)
 Note: Linseed oil or acrylic latex paint.

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0058	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	0.97	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.42	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.61	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 13 00-0059	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.68	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.21	
09 91 13 00-0060	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.95	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.38	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.61	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.84	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.21	
		<i>For >100 To 250, Add</i>	0.58	
		<i>For >250 To 500, Add</i>	0.25	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.20	
		<i>For >10,000 To 20,000, Deduct</i>	-0.29	
		<i>For >20,000, Deduct</i>	-0.39	
09 91 13 00-0061	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.72	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 250, Add</i>	0.21	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.14	
09 91 13 00-0062	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.84	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.52	
		<i>For >100 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0063	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	1.56 0.18 0.30 0.48 0.66 0.95 0.46 0.20 -0.08 -0.16 -0.23 -0.31	
09 91 13 00-0064	SF 1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	0.53 0.04 0.07 0.12 0.16 0.25 0.13 0.06 -0.03 -0.05 -0.08 -0.11	
09 91 13 00-0065	SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	0.71 0.07 0.12 0.19 0.26 0.39 0.19 0.08 -0.04 -0.07 -0.11 -0.14	
09 91 13 00-0066	SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	1.17 0.11 0.18 0.28 0.39 0.60 0.29 0.13 -0.06 -0.12 -0.18 -0.23	
09 91 13 00-0067	Paint Exterior Aluminum And Aluminum Alloy Walls (09 91 13 00-0056) <i>Note: Alkyd enamel paint.</i>		
09 91 13 00-0068	SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	0.97 0.12 0.19 0.31 0.42 0.61 0.29 0.13 -0.05 -0.10 -0.15 -0.19	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0069	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	1.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.68	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.21	
09 91 13 00-0070	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	1.94	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.38	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.61	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.84	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.21	
		<i>For >100 To 250, Add</i>	0.58	
		<i>For >250 To 500, Add</i>	0.25	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.19	
		<i>For >10,000 To 20,000, Deduct</i>	-0.29	
		<i>For >20,000, Deduct</i>	-0.39	
09 91 13 00-0071	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.79	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.45	
		<i>For >100 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 13 00-0072	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.90	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.53	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 13 00-0073	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.67	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.66	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.97	
		<i>For >100 To 250, Add</i>	0.47	
		<i>For >250 To 500, Add</i>	0.20	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.17	
		<i>For >10,000 To 20,000, Deduct</i>	-0.25	
		<i>For >20,000, Deduct</i>	-0.33	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0074	SF 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls .....0.60		
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.31	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0075	SF 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....0.71		
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.39	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 13 00-0076	SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....1.17		
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	
09 91 13 00-0077	Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0056)		
09 91 13 00-0078	LF Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Primer, Per LF Of Stack.....11.70		
	For Work >15' To 20' Above Floor, Add	1.58	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	2.63	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	4.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	5.78	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	8.06	
	For >100 To 250, Add	3.80	
	For >250 To 500, Add	1.64	
	For >2,500 To 5,000, Deduct	-0.59	
	For >5,000 To 10,000, Deduct	-1.17	
	For >10,000 To 20,000, Deduct	-1.76	
	For >20,000, Deduct	-2.34	
09 91 13 00-0079	LF Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Paint, Per LF Of Stack.....13.01		
	For Work >15' To 20' Above Floor, Add	1.75	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	2.92	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	4.67	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	6.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	8.96	
	For >100 To 250, Add	4.22	
	For >250 To 500, Add	1.82	
	For >2,500 To 5,000, Deduct	-0.65	
	For >5,000 To 10,000, Deduct	-1.30	
	For >10,000 To 20,000, Deduct	-1.95	
	For >20,000, Deduct	-2.60	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0080	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 2 Coats Paint, Per LF Of Stack	24.34	
		For Work >15' To 20' Above Floor, Add	3.30	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	5.49	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	8.79	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	12.08	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	16.83	
		For >100 To 250, Add	7.93	
		For >250 To 500, Add	3.41	
		For >2,500 To 5,000, Deduct	-1.22	
		For >5,000 To 10,000, Deduct	-2.43	
		For >10,000 To 20,000, Deduct	-3.65	
		For >20,000, Deduct	-4.87	
09 91 13 00-0081		Paint Exterior Corrugated Metal Walls (09 91 13 00-0056)		
09 91 13 00-0082	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.66	
		For Work >15' To 20' Above Floor, Add	0.06	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.10	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.16	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.21	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.33	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.13	
09 91 13 00-0083	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.89	
		For Work >15' To 20' Above Floor, Add	0.09	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.16	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.25	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.34	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.18	
09 91 13 00-0084	SF	Paint Exterior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.49	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.38	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.52	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.79	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.30	
09 91 13 00-0085		Paint Exterior Stucco Walls (09 91 13 00-0001)		
09 91 13 00-0086	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Primer, Brush Work	1.33	
		For Oil Based Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.18	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.30	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.48	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.66	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.92	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.27	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0087	SF Paint Exterior Stucco Wall Surfaces 1 Coat Paint, Brush Work	1.46	
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.33	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.52	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.72	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.01	
	For >100 To 250, Add	0.47	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.29	
09 91 13 00-0088	SF Paint Exterior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.70	
	For Oil Based Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.36	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.60	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.96	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.85	
	For >100 To 250, Add	0.87	
	For >250 To 500, Add	0.38	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.27	
	For >10,000 To 20,000, Deduct	-0.41	
	For >20,000, Deduct	-0.54	
09 91 13 00-0089	SF Paint Exterior Stucco Walls, 1 Coat Primer, Brush/Roller Work.....	1.00	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0090	SF Paint Exterior Stucco Walls, 1 Coat Paint, Brush/Roller Work.....	1.12	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.22	
09 91 13 00-0091	SF Paint Exterior Stucco Walls, 2 Coats Paint, Brush/Roller Work	2.05	
	For Oil Based Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.26	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.44	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.70	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.96	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.36	
	For >100 To 250, Add	0.64	
	For >250 To 500, Add	0.28	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.31	
	For >20,000, Deduct	-0.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092 SF Paint Exterior Stucco Walls, 1 Coat Primer, Sprayed.....	0.64	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.27	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.39	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0093 SF Paint Exterior Stucco Walls, 1 Coat Paint, Sprayed.....	0.78	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0094 SF Paint Exterior Stucco Walls, 2 Coats Paint, Sprayed.....	1.53	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.94	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0095 Paint Exterior Wood Siding (09 91 13 00-0001)		
09 91 13 00-0096 Paint Exterior Smooth Wood Siding (09 91 13 00-0095)		
Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91 13 00-0097 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding.....	0.95	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0098 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	1.01	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.68	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0099	SF 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	1.79	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.38	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.61	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.84	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.19	
	For >100 To 250, Add	0.56	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.36	
09 91 13 00-0100	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.72	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 13 00-0101	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.81	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0102	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	1.50	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.48	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.66	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.95	
	For >100 To 250, Add	0.45	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.30	
09 91 13 00-0103	SF 1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding.....	0.53	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	



	Finishes	09
	Painting And Coating	09 90
	Painting	09 91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0104	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding..... <i>For Oil Based Paint, Add</i> <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	0.64 0.04 0.07 0.12 0.19 0.26 0.38 0.18 0.08 -0.03 -0.06 -0.10 -0.13	
09 91 13 00-0105	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding..... <i>For Oil Based Paint, Add</i> <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	1.02 0.07 0.11 0.18 0.28 0.39 0.57 0.28 0.12 -0.05 -0.10 -0.15 -0.20	
09 91 13 00-0106		Paint Exterior Rough Wood Siding (09 91 13 00-0095) Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0107	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Primer, Brush Work <i>For Oil Based Paint, Add</i> <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	1.48 0.08 0.20 0.33 0.52 0.72 1.01 0.48 0.21 -0.07 -0.15 -0.22 -0.30	
09 91 13 00-0108	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Paint, Brush Work..... <i>For Oil Based Paint, Add</i> <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	1.51 0.08 0.21 0.35 0.55 0.76 1.05 0.50 0.21 -0.08 -0.15 -0.23 -0.30	
09 91 13 00-0109	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Paint, Brush Work <i>For Oil Based Paint, Add</i> <i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i> <i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000 To 10,000, Deduct</i> <i>For >10,000 To 20,000, Deduct</i> <i>For >20,000, Deduct</i>	2.78 0.15 0.38 0.63 1.01 1.39 1.93 0.91 0.39 -0.14 -0.28 -0.42 -0.56	

09 Finishes
09 90 Painting And Coating
09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0110	SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work.....	1.26	
	<i>For Oil Based Paint, Add</i>	0.08	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.25	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.39	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.54	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.78	
	<i>For >100 To 250, Add</i>	0.37	
	<i>For >250 To 500, Add</i>	0.16	
	<i>For >2,500 To 5,000, Deduct</i>	-0.06	
	<i>For >5,000 To 10,000, Deduct</i>	-0.13	
	<i>For >10,000 To 20,000, Deduct</i>	-0.19	
	<i>For >20,000, Deduct</i>	-0.25	
09 91 13 00-0111	SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Brush/Roller Work.....	1.37	
	<i>For Oil Based Paint, Add</i>	0.08	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.60	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.86	
	<i>For >100 To 250, Add</i>	0.41	
	<i>For >250 To 500, Add</i>	0.18	
	<i>For >2,500 To 5,000, Deduct</i>	-0.07	
	<i>For >5,000 To 10,000, Deduct</i>	-0.14	
	<i>For >10,000 To 20,000, Deduct</i>	-0.21	
	<i>For >20,000, Deduct</i>	-0.27	
09 91 13 00-0112	SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work.....	2.52	
	<i>For Oil Based Paint, Add</i>	0.15	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.49	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.08	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.55	
	<i>For >100 To 250, Add</i>	0.74	
	<i>For >250 To 500, Add</i>	0.32	
	<i>For >2,500 To 5,000, Deduct</i>	-0.13	
	<i>For >5,000 To 10,000, Deduct</i>	-0.25	
	<i>For >10,000 To 20,000, Deduct</i>	-0.38	
	<i>For >20,000, Deduct</i>	-0.50	
09 91 13 00-0113	SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Sprayed.....	0.83	
	<i>For Oil Based Paint, Add</i>	0.05	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.32	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.48	
	<i>For >100 To 250, Add</i>	0.23	
	<i>For >250 To 500, Add</i>	0.10	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.08	
	<i>For >10,000 To 20,000, Deduct</i>	-0.12	
	<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0114	SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Sprayed.....	0.94	
	<i>For Oil Based Paint, Add</i>	0.06	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.39	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.56	
	<i>For >100 To 250, Add</i>	0.27	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For >2,500 To 5,000, Deduct</i>	-0.05	
	<i>For >5,000 To 10,000, Deduct</i>	-0.09	
	<i>For >10,000 To 20,000, Deduct</i>	-0.14	
	<i>For >20,000, Deduct</i>	-0.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0115	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Sprayed	1.76	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.19	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.32	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.52	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.71	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.04	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	
09 91	13 00-0116		Paint Exterior Vinyl Siding (09 91 13 00-0001)		
09 91	13 00-0117	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush Work.....	0.81	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.36	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91	13 00-0118	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush Work	0.90	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	13 00-0119	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush Work	1.63	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.20	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.33	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.52	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.72	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.03	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.33	
09 91	13 00-0120	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush/Roller Work.....	0.72	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.44	
			For >100 To 250, Add	0.21	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.14	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0121	SF Paint Exterior Vinyl Siding, 1 Coat Paint, Brush/Roller Work.....	0.72	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 13 00-0122	SF Paint Exterior Vinyl Siding, 2 Coats Paint, Brush/Roller Work.....	1.33	
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 13 00-0123	SF Paint Exterior Vinyl Siding, 1 Coat Primer, Sprayed.....	0.58	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0124	SF Paint Exterior Vinyl Siding, 1 Coat Paint, Sprayed.....	0.64	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.31	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0125	SF Paint Exterior Vinyl Siding, 2 Coats Paint, Sprayed.....	1.24	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	

09 91 13 00-0126 Paint Exterior Ceilings (09 91 13)

09 91 13 00-0127 Paint Exterior Concrete Ceilings (09 91 13 00-0126)

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0128	SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling.....	0.87	
		For Oil Based Paint, Add	0.05	
		For Epoxy Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.19	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.30	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.42	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.59	
		For >100 To 250, Add	0.28	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.17	
09 91	13 00-0129	SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	0.96	
		For Oil Based Paint, Add	0.05	
		For Epoxy Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.22	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.35	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.48	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.67	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.19	
09 91	13 00-0130	SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling.....	1.70	
		For Oil Based Paint, Add	0.09	
		For Epoxy Paint, Add	0.14	
		For Work >15' To 20' Above Floor, Add	0.23	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.38	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.61	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.84	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.17	
		For >100 To 250, Add	0.55	
		For >250 To 500, Add	0.24	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000 To 20,000, Deduct	-0.26	
		For >20,000, Deduct	-0.34	
09 91	13 00-0131	SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	0.66	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.14	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.22	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.30	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.43	
		For >100 To 250, Add	0.20	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.13	
09 91	13 00-0132	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	0.75	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.26	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.36	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.15	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0133	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	1.37	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.48	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.66	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.93	
	For >100 To 250, Add	0.44	
	For >250 To 500, Add	0.19	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.27	
09 91 13 00-0134	SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling.....	0.49	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.14	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.10	
09 91 13 00-0135	SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling.....	0.58	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0136	SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling.....	0.92	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	

09 91 13 00-0137 Drywall/Plaster (09 91 13 00-0126)

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0138	SF 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.88	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.12	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
	For Epoxy Paint, Add	0.08	
09 91 13 00-0139	SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.97	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.14	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.19	
	For Epoxy Paint, Add	0.08	
09 91 13 00-0140	SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	1.71	
	For Oil Based Paint, Add	0.09	
	For Orange Peel Finish, Add	0.25	
	For Epoxy Paint, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.39	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.62	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.85	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.18	
	For >100 To 250, Add	0.56	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.34	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0141	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.65	
	For Oil Based Paint, Add	0.04	
	For Orange Peel Finish, Add	0.09	
	For Epoxy Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
	For Epoxy Paint, Add	0.07	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0142	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.75	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Orange Peel Finish, Add</i>	0.11	
		<i>For Epoxy Paint, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.51	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
		<i>For Epoxy Paint, Add</i>	0.06	
09 91 13 00-0143	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	1.37	
		<i>For Oil Based Paint, Add</i>	0.08	
		<i>For Orange Peel Finish, Add</i>	0.19	
		<i>For Epoxy Paint, Add</i>	0.12	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.66	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.93	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.21	
		<i>For >20,000, Deduct</i>	-0.27	
		<i>For Epoxy Paint, Add</i>	0.12	
09 91 13 00-0144	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.48	
		<i>For Oil Based Paint, Add</i>	0.03	
		<i>For Epoxy Paint, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.05	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.28	
		<i>For >100 To 250, Add</i>	0.14	
		<i>For >250 To 500, Add</i>	0.06	
		<i>For >2,500 To 5,000, Deduct</i>	-0.02	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.07	
		<i>For >20,000, Deduct</i>	-0.10	
		<i>For Epoxy Paint, Add</i>	0.06	
09 91 13 00-0145	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.58	
		<i>For Oil Based Paint, Add</i>	0.03	
		<i>For Epoxy Paint, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.37	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.09	
		<i>For >20,000, Deduct</i>	-0.12	
		<i>For Epoxy Paint, Add</i>	0.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0146	SF		2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.92	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
			For Epoxy Paint, Add	0.11	
09 91 13 00-0147			Paint Exterior Wood Ceilings (09 91 13 00-0126)		
09 91 13 00-0148			Paint Exterior Smooth Wood Ceilings (09 91 13 00-0147)		
09 91 13 00-0149	SF		Paint Exterior Wood Smooth Ceiling, 1 Coat Primer, Brush Work.....	1.06	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 13 00-0150	SF		Paint Exterior Wood Smooth Ceiling, 1 Coat Paint, Brush Work	1.11	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.39	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.54	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 13 00-0151	SF		Paint Exterior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	2.01	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.44	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.70	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.96	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.64	
			For >250 To 500, Add	0.28	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
09 91 13 00-0152	SF		Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.83	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.36	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.17	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0153	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.92	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 13 00-0154	SF Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.61	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.33	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.52	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.72	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.03	
	For >100 To 250, Add	0.49	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 13 00-0155	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Sprayed	0.60	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0156	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.60	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0157	SF Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Sprayed.....	1.08	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.22	

09 91 13 00-0158 Paint Exterior Rough Wood Ceilings (09 91 13 00-0147)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0159	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Primer, Brush Work.....	1.59	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.55	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.75	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.06	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.32	
09 91	13 00-0160	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Paint, Brush Work.....	1.67	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.23	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.39	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.62	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.85	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.17	
			For >100 To 250, Add	0.55	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	
09 91	13 00-0161	SF	Paint Exterior Wood Rough Ceiling, 2 Coats Paint, Brush Work	2.88	
			For Oil Based Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.39	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.66	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	1.05	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	2.00	
			For >100 To 250, Add	0.94	
			For >250 To 500, Add	0.41	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.29	
			For >10,000 To 20,000, Deduct	-0.43	
			For >20,000, Deduct	-0.58	
09 91	13 00-0162	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Brush/Roller Work	1.37	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.60	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.27	
09 91	13 00-0163	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	1.48	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.48	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.66	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.94	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.19	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.22	
			For >20,000, Deduct	-0.30	

09 Finishes
09 90 Painting And Coating
09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0164	SF Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Brush/Roller Work.....	2.62	
	For Oil Based Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.31	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.52	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.82	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.13	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.63	
	For >100 To 250, Add	0.78	
	For >250 To 500, Add	0.34	
	For >2,500 To 5,000, Deduct	-0.13	
	For >5,000 To 10,000, Deduct	-0.26	
	For >10,000 To 20,000, Deduct	-0.39	
	For >20,000, Deduct	-0.52	
09 91 13 00-0165	SF Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Sprayed.....	0.94	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 13 00-0166	SF Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Sprayed.....	1.05	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.64	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 13 00-0167	SF Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Sprayed.....	1.89	
	For Oil Based Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.36	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.57	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.78	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.14	
	For >100 To 250, Add	0.54	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.38	
09 91 13 00-0168	Paint Exterior Metal Ceilings (09 91 13 00-0126)		
09 91 13 00-0169	Paint Exterior Galvanized Ceilings (09 91 13 00-0168)		
	Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0170	SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush Work.....	1.07	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0171 SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush Work.....	1.18	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.77	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0172 SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush Work	2.16	
For Work >15' To 20' Above Floor, Add	0.26	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.44	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.70	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.96	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.37	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.28	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 91 13 00-0173 SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.83	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.17	
09 91 13 00-0174 SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	0.94	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0175 SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.65	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	

09 Finishes

09 90 Painting And Coating

09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0176	SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Sprayed.....	0.71	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.39	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 13 00-0177	SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Sprayed.....	0.82	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.23	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0178	SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Sprayed.....	1.29	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.69	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
09 91 13 00-0179	Paint Exterior Aluminum And Aluminum Alloy Ceilings (09 91 13 00-0168)		
	Note: Alkyd enamel paint.		
09 91 13 00-0180	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work.....	1.07	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.68	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 13 00-0181	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work.....	1.18	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.77	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	

		Finishes	09
		Painting And Coating	09 90
		Painting	09 91
MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

09 91 13 00-0182	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	2.16
	For Work >15' To 20' Above Floor, Add	0.26
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.44
	Note: Applied only to work area above 20'.	
	For Work >30' To 40' Above Floor, Add	0.70
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.96
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.37
	For >100 To 250, Add	0.65
	For >250 To 500, Add	0.28
	For >2,500 To 5,000, Deduct	-0.11
	For >5,000 To 10,000, Deduct	-0.22
	For >10,000 To 20,000, Deduct	-0.32
	For >20,000, Deduct	-0.43
09 91 13 00-0183	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.90
	For Work >15' To 20' Above Floor, Add	0.10
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.17
	Note: Applied only to work area above 20'.	
	For Work >30' To 40' Above Floor, Add	0.26
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.36
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.53
	For >100 To 250, Add	0.26
	For >250 To 500, Add	0.11
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.09
	For >10,000 To 20,000, Deduct	-0.14
	For >20,000, Deduct	-0.18
09 91 13 00-0184	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work.....	1.01
	For Work >15' To 20' Above Floor, Add	0.12
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.19
	Note: Applied only to work area above 20'.	
	For Work >30' To 40' Above Floor, Add	0.31
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.42
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.61
	For >100 To 250, Add	0.29
	For >250 To 500, Add	0.13
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.10
	For >10,000 To 20,000, Deduct	-0.15
	For >20,000, Deduct	-0.20
09 91 13 00-0185	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	1.78
	For Work >15' To 20' Above Floor, Add	0.20
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.33
	Note: Applied only to work area above 20'.	
	For Work >30' To 40' Above Floor, Add	0.52
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.72
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.05
	For >100 To 250, Add	0.51
	For >250 To 500, Add	0.22
	For >2,500 To 5,000, Deduct	-0.09
	For >5,000 To 10,000, Deduct	-0.18
	For >10,000 To 20,000, Deduct	-0.27
	For >20,000, Deduct	-0.36
09 91 13 00-0186	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.71
	For Work >15' To 20' Above Floor, Add	0.07
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.12
	Note: Applied only to work area above 20'.	
	For Work >30' To 40' Above Floor, Add	0.19
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.26
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.39
	For >100 To 250, Add	0.19
	For >250 To 500, Add	0.08
	For >2,500 To 5,000, Deduct	-0.04
	For >5,000 To 10,000, Deduct	-0.07
	For >10,000 To 20,000, Deduct	-0.11
	For >20,000, Deduct	-0.14

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0187	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed.....	0.71	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.39	
	<i>For >100 To 250, Add</i>	0.19	
	<i>For >250 To 500, Add</i>	0.08	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.07	
	<i>For >10,000 To 20,000, Deduct</i>	-0.11	
	<i>For >20,000, Deduct</i>	-0.14	
09 91 13 00-0188	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed.....	1.29	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.45	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.69	
	<i>For >100 To 250, Add</i>	0.33	
	<i>For >250 To 500, Add</i>	0.15	
	<i>For >2,500 To 5,000, Deduct</i>	-0.06	
	<i>For >5,000 To 10,000, Deduct</i>	-0.13	
	<i>For >10,000 To 20,000, Deduct</i>	-0.19	
	<i>For >20,000, Deduct</i>	-0.26	
09 91 13 00-0189	Paint Exterior Corrugated Metal Ceilings <small>(09 91 13 00-0189)</small>		
09 91 13 00-0190	SF Paint Exterior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed	0.77	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.28	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.42	
	<i>For >100 To 250, Add</i>	0.20	
	<i>For >250 To 500, Add</i>	0.09	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.08	
	<i>For >10,000 To 20,000, Deduct</i>	-0.12	
	<i>For >20,000, Deduct</i>	-0.15	
09 91 13 00-0191	SF Paint Exterior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed.....	0.89	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.25	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.51	
	<i>For >100 To 250, Add</i>	0.24	
	<i>For >250 To 500, Add</i>	0.11	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.09	
	<i>For >10,000 To 20,000, Deduct</i>	-0.13	
	<i>For >20,000, Deduct</i>	-0.18	
09 91 13 00-0192	SF Paint Exterior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed.....	1.63	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.43	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.59	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.89	
	<i>For >100 To 250, Add</i>	0.43	
	<i>For >250 To 500, Add</i>	0.19	
	<i>For >2,500 To 5,000, Deduct</i>	-0.08	
	<i>For >5,000 To 10,000, Deduct</i>	-0.16	
	<i>For >10,000 To 20,000, Deduct</i>	-0.24	
	<i>For >20,000, Deduct</i>	-0.33	
09 91 13 00-0193	Paint Exterior Floors <small>(09 91 13)</small>		
09 91 13 00-0194	Paint Exterior Concrete Floors <small>(09 91 13 00-0193)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0195 SF 1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks.....	0.66	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.43	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0196 SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks.....	0.75	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0197 SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks.....	1.37	
For Oil Based Paint, Add	0.08	
For Epoxy Paint, Add	0.12	
For Up To 100, Add	0.93	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.27	
09 91 13 00-0198 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.53	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0199 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.64	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.43	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0200 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	1.02	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.10	
For Up To 100, Add	0.66	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0201 SF 1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.36	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.19	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0202 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.47	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0203 SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.81	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.11	
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0204	SF	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	1.47
		<i>For Up To 100, Add</i>	0.55
		<i>For >100 To 250, Add</i>	0.28
		<i>For >250 To 500, Add</i>	0.13
		<i>For >2,500 To 5,000, Deduct</i>	-0.07
		<i>For >5,000 To 10,000, Deduct</i>	-0.15
		<i>For >10,000 To 20,000, Deduct</i>	-0.22
		<i>For >20,000, Deduct</i>	-0.29
09 91 13 00-0205	SF	1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	3.24
		<i>For Up To 100, Add</i>	0.82
		<i>For >100 To 250, Add</i>	0.46
		<i>For >250 To 500, Add</i>	0.22
		<i>For >2,500 To 5,000, Deduct</i>	-0.16
		<i>For >5,000 To 10,000, Deduct</i>	-0.32
		<i>For >10,000 To 20,000, Deduct</i>	-0.49
		<i>For >20,000, Deduct</i>	-0.65
09 91 13 00-0206	SF	1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	3.98
		<i>For Up To 100, Add</i>	0.93
		<i>For >100 To 250, Add</i>	0.54
		<i>For >250 To 500, Add</i>	0.25
		<i>For >2,500 To 5,000, Deduct</i>	-0.20
		<i>For >5,000 To 10,000, Deduct</i>	-0.40
		<i>For >10,000 To 20,000, Deduct</i>	-0.60
		<i>For >20,000, Deduct</i>	-0.80

09 91 13 00-0207 Paint Exterior Wood Floors (09 91 13 00-0193)

09 91 13 00-0208	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush Work	0.81
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.52
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.12
		<i>For >20,000, Deduct</i>	-0.16
09 91 13 00-0209	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.90
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.60
		<i>For >100 To 250, Add</i>	0.28
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.18
09 91 13 00-0210	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	1.67
		<i>For Oil Based Paint, Add</i>	0.10
		<i>For Up To 100, Add</i>	1.10
		<i>For >100 To 250, Add</i>	0.52
		<i>For >250 To 500, Add</i>	0.22
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.17
		<i>For >10,000 To 20,000, Deduct</i>	-0.25
		<i>For >20,000, Deduct</i>	-0.33
09 91 13 00-0211	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.72
		<i>For Oil Based Paint, Add</i>	0.04
		<i>For Up To 100, Add</i>	0.44
		<i>For >100 To 250, Add</i>	0.21
		<i>For >250 To 500, Add</i>	0.09
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 20,000, Deduct</i>	-0.11
		<i>For >20,000, Deduct</i>	-0.14
09 91 13 00-0212	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work.....	0.81
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.52
		<i>For >100 To 250, Add</i>	0.25
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.12
		<i>For >20,000, Deduct</i>	-0.16
09 91 13 00-0213	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.28
		<i>For Oil Based Paint, Add</i>	0.08
		<i>For Up To 100, Add</i>	0.78
		<i>For >100 To 250, Add</i>	0.37
		<i>For >250 To 500, Add</i>	0.16
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 20,000, Deduct</i>	-0.19
		<i>For >20,000, Deduct</i>	-0.26
09 91 13 00-0214	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Sprayed.....	0.49
		<i>For Oil Based Paint, Add</i>	0.03
		<i>For Up To 100, Add</i>	0.29
		<i>For >100 To 250, Add</i>	0.14
		<i>For >250 To 500, Add</i>	0.06
		<i>For >2,500 To 5,000, Deduct</i>	-0.02
		<i>For >5,000 To 10,000, Deduct</i>	-0.05
		<i>For >10,000 To 20,000, Deduct</i>	-0.07
		<i>For >20,000, Deduct</i>	-0.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 13 00-0215	SF Paint Exterior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.60
	<i>For Oil Based Paint, Add</i>	0.04
	<i>For Up To 100, Add</i>	0.37
	<i>For >100 To 250, Add</i>	0.18
	<i>For >250 To 500, Add</i>	0.08
	<i>For >2,500 To 5,000, Deduct</i>	-0.03
	<i>For >5,000 To 10,000, Deduct</i>	-0.06
	<i>For >10,000 To 20,000, Deduct</i>	-0.09
	<i>For >20,000, Deduct</i>	-0.12
09 91 13 00-0216	SF Paint Exterior Wood Floors And Decks, 2 Coats Paint, Sprayed.....	0.96
	<i>For Oil Based Paint, Add</i>	0.06
	<i>For Up To 100, Add</i>	0.56
	<i>For >100 To 250, Add</i>	0.27
	<i>For >250 To 500, Add</i>	0.12
	<i>For >2,500 To 5,000, Deduct</i>	-0.05
	<i>For >5,000 To 10,000, Deduct</i>	-0.10
	<i>For >10,000 To 20,000, Deduct</i>	-0.14
	<i>For >20,000, Deduct</i>	-0.19
09 91 13 00-0217	SF Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work.....	1.58
	<i>For Up To 100, Add</i>	0.63
	<i>For >100 To 250, Add</i>	0.32
	<i>For >250 To 500, Add</i>	0.15
	<i>For >2,500 To 5,000, Deduct</i>	-0.08
	<i>For >5,000 To 10,000, Deduct</i>	-0.16
	<i>For >10,000 To 20,000, Deduct</i>	-0.24
	<i>For >20,000, Deduct</i>	-0.32
09 91 13 00-0218	SF Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work.....	4.09
	<i>For Up To 100, Add</i>	1.01
	<i>For >100 To 250, Add</i>	0.57
	<i>For >250 To 500, Add</i>	0.27
	<i>For >2,500 To 5,000, Deduct</i>	-0.20
	<i>For >5,000 To 10,000, Deduct</i>	-0.41
	<i>For >10,000 To 20,000, Deduct</i>	-0.61
	<i>For >20,000, Deduct</i>	-0.82

09 91 13 00-0219 Paint Exterior Doors And Windows (09 91 13)

09 91 13 00-0220 Paint Exterior Door Frames (09 91 13 00-0219)

09 91 13 00-0221	LF Paint Exterior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	1.13
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.29
09 91 13 00-0222	LF Paint Exterior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.47
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.38
09 91 13 00-0223	LF Paint Exterior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	2.48
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.64
09 91 13 00-0224	LF Paint Exterior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	1.14
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.30
09 91 13 00-0225	LF Paint Exterior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.48
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.38
09 91 13 00-0226	LF Paint Exterior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	2.51
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.65

09 91 13 00-0227 Paint Exterior Metal Doors (09 91 13 00-0219)

09 91 13 00-0228	EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	45.67
	<i>Note: One face</i>	
	<i>For Half Louvered Door, Add</i>	4.75
	<i>For Full Louvered Door, Add</i>	7.91
	<i>For Electrostatic Painting, Add</i>	6.67
	<i>For >5 To 10, Deduct</i>	-2.28
	<i>For >10 To 25, Deduct</i>	-4.57
	<i>For >25, Deduct</i>	-6.85
09 91 13 00-0229	EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	45.67
	<i>Note: One face</i>	
	<i>For Half Louvered Door, Add</i>	4.75
	<i>For Full Louvered Door, Add</i>	7.91
	<i>For Electrostatic Painting, Add</i>	6.67
	<i>For >5 To 10, Deduct</i>	-2.28
	<i>For >10 To 25, Deduct</i>	-4.57
	<i>For >25, Deduct</i>	-6.85
09 91 13 00-0230	EA 2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	81.32
	<i>Note: One face</i>	
	<i>For Half Louvered Door, Add</i>	8.02
	<i>For Full Louvered Door, Add</i>	13.36
	<i>For Electrostatic Painting, Add</i>	12.31
	<i>For >5 To 10, Deduct</i>	-4.07
	<i>For >10 To 25, Deduct</i>	-8.13
	<i>For >25, Deduct</i>	-12.20
09 91 13 00-0231	EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	81.95
	<i>Note: Both faces</i>	
	<i>For Half Louvered Door, Add</i>	8.51
	<i>For Full Louvered Door, Add</i>	14.19
	<i>For Electrostatic Painting, Add</i>	11.98
	<i>For >5 To 10, Deduct</i>	-4.10
	<i>For >10 To 25, Deduct</i>	-8.20
	<i>For >25, Deduct</i>	-12.29

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0232	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	81.95	
		Note: Both faces		
		For Half Louvered Door, Add	8.51	
		For Full Louvered Door, Add	14.19	
		For Electrostatic Painting, Add	11.98	
		For >5 To 10, Deduct	-4.10	
		For >10 To 25, Deduct	-8.20	
		For >25, Deduct	-12.29	
09 91 13 00-0233	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	146.40	
		Note: Both faces		
		For Half Louvered Door, Add	14.40	
		For Full Louvered Door, Add	24.00	
		For Electrostatic Painting, Add	22.20	
		For >5 To 10, Deduct	-7.32	
		For >10 To 25, Deduct	-14.64	
		For >25, Deduct	-21.96	
09 91 13 00-0234	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	38.06	
		Note: One face		
		For Half Louvered Door, Add	3.40	
		For Full Louvered Door, Add	5.66	
		For Electrostatic Painting, Add	6.12	
		For >5 To 10, Deduct	-1.90	
		For >10 To 25, Deduct	-3.81	
		For >25, Deduct	-5.71	
09 91 13 00-0235	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	38.06	
		Note: One face		
		For Half Louvered Door, Add	3.40	
		For Full Louvered Door, Add	5.66	
		For Electrostatic Painting, Add	6.12	
		For >5 To 10, Deduct	-1.90	
		For >10 To 25, Deduct	-3.81	
		For >25, Deduct	-5.71	
09 91 13 00-0236	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	68.89	
		Note: One face		
		For Half Louvered Door, Add	5.74	
		For Full Louvered Door, Add	9.56	
		For Electrostatic Painting, Add	11.49	
		For >5 To 10, Deduct	-3.44	
		For >10 To 25, Deduct	-6.89	
		For >25, Deduct	-10.33	
09 91 13 00-0237	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	68.33	
		Note: Both faces		
		For Half Louvered Door, Add	6.09	
		For Full Louvered Door, Add	10.15	
		For Electrostatic Painting, Add	10.99	
		For >5 To 10, Deduct	-3.42	
		For >10 To 25, Deduct	-6.83	
		For >25, Deduct	-10.25	
09 91 13 00-0238	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	68.33	
		Note: Both faces		
		For Half Louvered Door, Add	6.09	
		For Full Louvered Door, Add	10.15	
		For Electrostatic Painting, Add	10.99	
		For >5 To 10, Deduct	-3.42	
		For >10 To 25, Deduct	-6.83	
		For >25, Deduct	-10.25	
09 91 13 00-0239	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	124.15	
		Note: Both faces		
		For Half Louvered Door, Add	10.31	
		For Full Louvered Door, Add	17.18	
		For Electrostatic Painting, Add	20.73	
		For >5 To 10, Deduct	-6.21	
		For >10 To 25, Deduct	-12.42	
		For >25, Deduct	-18.62	
09 91 13 00-0240	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.40	
		For Electrostatic Painting, Add	0.28	
09 91 13 00-0241	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.49	
		For Electrostatic Painting, Add	0.30	
09 91 13 00-0242	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	5.14	
		For Electrostatic Painting, Add	0.60	
09 91 13 00-0243	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.37	
		For Electrostatic Painting, Add	0.27	
09 91 13 00-0244	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.46	
		For Electrostatic Painting, Add	0.30	
09 91 13 00-0245	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	4.76	
		For Electrostatic Painting, Add	0.57	
09 91 13 00-0246		Paint Exterior Wood Doors (09 91 13 00-0219)		
09 91 13 00-0247	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	41.85	
		Note: One face		
		For Half Louvered Door, Add	4.75	
		For Full Louvered Door, Add	7.91	
		For >5 To 10, Deduct	-2.09	
		For >10 To 25, Deduct	-4.19	
		For >25, Deduct	-6.28	

		Finishes	09
		Painting And Coating	09 90
		Painting	09 91
MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

09 91 13 00-0248	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....	41.85
		Note: One face	
		For Half Louvered Door, Add	4.75
		For Full Louvered Door, Add	7.91
		For >5 To 10, Deduct	-2.09
		For >10 To 25, Deduct	-4.19
		For >25, Deduct	-6.28
09 91 13 00-0249	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door.....	73.72
		Note: One face	
		For Half Louvered Door, Add	8.02
		For Full Louvered Door, Add	13.36
		For >5 To 10, Deduct	-3.69
		For >10 To 25, Deduct	-7.37
		For >25, Deduct	-11.06
09 91 13 00-0250	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door.....	75.08
		Note: Both faces	
		For Half Louvered Door, Add	8.51
		For Full Louvered Door, Add	14.19
		For >5 To 10, Deduct	-3.75
		For >10 To 25, Deduct	-7.51
		For >25, Deduct	-11.26
09 91 13 00-0251	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....	75.08
		Note: Both faces	
		For Half Louvered Door, Add	8.51
		For Full Louvered Door, Add	14.19
		For >5 To 10, Deduct	-3.75
		For >10 To 25, Deduct	-7.51
		For >25, Deduct	-11.26
09 91 13 00-0252	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door.....	132.66
		Note: Both faces	
		For Half Louvered Door, Add	14.40
		For Full Louvered Door, Add	24.00
		For >5 To 10, Deduct	-6.63
		For >10 To 25, Deduct	-13.27
		For >25, Deduct	-19.90
09 91 13 00-0253	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door.....	33.86
		Note: One face	
		For Half Louvered Door, Add	3.40
		For Full Louvered Door, Add	5.66
		For >5 To 10, Deduct	-1.69
		For >10 To 25, Deduct	-3.39
		For >25, Deduct	-5.08
09 91 13 00-0254	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door.....	33.86
		Note: One face	
		For Half Louvered Door, Add	3.40
		For Full Louvered Door, Add	5.66
		For >5 To 10, Deduct	-1.69
		For >10 To 25, Deduct	-3.39
		For >25, Deduct	-5.08
09 91 13 00-0255	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door.....	60.56
		Note: One face	
		For Half Louvered Door, Add	5.74
		For Full Louvered Door, Add	9.57
		For >5 To 10, Deduct	-3.03
		For >10 To 25, Deduct	-6.06
		For >25, Deduct	-9.08
09 91 13 00-0256	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door.....	60.78
		Note: Both faces	
		For Half Louvered Door, Add	6.09
		For Full Louvered Door, Add	10.15
		For >5 To 10, Deduct	-3.04
		For >10 To 25, Deduct	-6.08
		For >25, Deduct	-9.12
09 91 13 00-0257	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door.....	60.78
		Note: Both faces	
		For Half Louvered Door, Add	6.09
		For Full Louvered Door, Add	10.15
		For >5 To 10, Deduct	-3.04
		For >10 To 25, Deduct	-6.08
		For >25, Deduct	-9.12
09 91 13 00-0258	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door.....	109.04
		Note: Both faces	
		For Half Louvered Door, Add	10.31
		For Full Louvered Door, Add	17.18
		For >5 To 10, Deduct	-5.45
		For >10 To 25, Deduct	-10.90
		For >25, Deduct	-16.36
09 91 13 00-0259	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.35
09 91 13 00-0260	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.40
09 91 13 00-0261	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	4.98
09 91 13 00-0262	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.30
09 91 13 00-0263	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.37
09 91 13 00-0264	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	4.59

09 91 13 00-0265 Paint Exterior Metal Windows (09 91 13 00-0219)
 Note: Two finish coats paint over rust inhibitive primer.

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0266	EA	Up To 8 SF Window Size, Paint Exterior Metal Window Including Trim.....	80.25	
		<i>For Electrostatic Painting, Add</i>	9.42	
		<i>For >5 To 10, Deduct</i>	-4.01	
		<i>For >10 To 25, Deduct</i>	-8.03	
		<i>For >25, Deduct</i>	-12.04	
09 91 13 00-0267	EA	>8 To 14 SF Window Size, Paint Exterior Metal Window Including Trim.....	96.24	
		<i>For Electrostatic Painting, Add</i>	11.78	
		<i>For >5 To 10, Deduct</i>	-4.81	
		<i>For >10 To 25, Deduct</i>	-9.62	
		<i>For >25, Deduct</i>	-14.44	
09 91 13 00-0268	EA	>14 To 20 SF Window Size, Paint Exterior Metal Window Including Trim.....	129.58	
		<i>For Electrostatic Painting, Add</i>	16.02	
		<i>For >5 To 10, Deduct</i>	-6.48	
		<i>For >10 To 25, Deduct</i>	-12.96	
		<i>For >25, Deduct</i>	-19.44	
09 91 13 00-0269	EA	>20 To 26 SF Window Size, Paint Exterior Metal Window Including Trim.....	145.88	
		<i>For Electrostatic Painting, Add</i>	18.05	
		<i>For >5 To 10, Deduct</i>	-7.29	
		<i>For >10 To 25, Deduct</i>	-14.59	
		<i>For >25, Deduct</i>	-21.88	
09 91 13 00-0270	EA	>26 To 34 SF Window Size, Paint Exterior Metal Window Including Trim.....	161.84	
		<i>For Electrostatic Painting, Add</i>	20.00	
		<i>For >5 To 10, Deduct</i>	-8.09	
		<i>For >10 To 25, Deduct</i>	-16.18	
		<i>For >25, Deduct</i>	-24.28	
09 91 13 00-0271	SF	>34 SF Window Size, Paint Exterior Metal Window Including Trim.....	5.13	
		<i>For Electrostatic Painting, Add</i>	0.63	
09 91 13 00-0272		Paint Exterior Wood Windows <small>(09 91 13 00-0219)</small>		
		Note: Two finish coats paint over primer.		
09 91 13 00-0273	EA	Up To 8 SF Window Size, Paint Exterior Wood Window Including Trim.....	77.71	
		<i>For >5 To 10, Deduct</i>	-3.89	
		<i>For >10 To 25, Deduct</i>	-7.77	
		<i>For >25, Deduct</i>	-11.66	
09 91 13 00-0274	EA	>8 To 14 SF Window Size, Paint Exterior Wood Window Including Trim.....	92.31	
		<i>For >5 To 10, Deduct</i>	-4.62	
		<i>For >10 To 25, Deduct</i>	-9.23	
		<i>For >25, Deduct</i>	-13.85	
09 91 13 00-0275	EA	>14 To 20 SF Window Size, Paint Exterior Wood Window Including Trim.....	124.01	
		<i>For >5 To 10, Deduct</i>	-6.20	
		<i>For >10 To 25, Deduct</i>	-12.40	
		<i>For >25, Deduct</i>	-18.60	
09 91 13 00-0276	EA	>20 To 26 SF Window Size, Paint Exterior Wood Window Including Trim.....	139.59	
		<i>For >5 To 10, Deduct</i>	-6.98	
		<i>For >10 To 25, Deduct</i>	-13.96	
		<i>For >25, Deduct</i>	-20.94	
09 91 13 00-0277	EA	>26 To 34 SF Window Size, Paint Exterior Wood Window Including Trim.....	154.91	
		<i>For >5 To 10, Deduct</i>	-7.75	
		<i>For >10 To 25, Deduct</i>	-15.49	
		<i>For >25, Deduct</i>	-23.24	
09 91 13 00-0278	SF	>34 SF Window Size, Paint Exterior Wood Window Including Trim.....	5.20	
09 91 13 00-0279		Paint Exterior Security Screens <small>(09 91 13 00-0219)</small>		
09 91 13 00-0280	SF	Paint Exterior Security Screen, 1 Coat Primer, Brush/Roller Work.....	1.34	
		<i>For Electrostatic Painting, Add</i>	0.17	
09 91 13 00-0281	SF	Paint Exterior Security Screen, 1 Coat Paint, Brush/Roller Work.....	1.40	
		<i>For Electrostatic Painting, Add</i>	0.16	
09 91 13 00-0282	SF	Paint Exterior Security Screen, 2 Coats Paint, Brush/Roller Work.....	2.31	
		<i>For Electrostatic Painting, Add</i>	0.27	
09 91 13 00-0283		Paint Exterior Window Guards <small>(09 91 13 00-0219)</small>		
09 91 13 00-0284	SF	Paint Exterior Metal Window Guards, 1 Coat Primer, Brush/Roller Work.....	1.34	
09 91 13 00-0285	SF	Paint Exterior Metal Window Guards, 1 Coat Paint, Brush/Roller Work.....	1.40	
09 91 13 00-0286	SF	Paint Exterior Metal Window Guards, 2 Coats Paint, Brush/Roller Work.....	2.31	
09 91 13 00-0287		Paint Exterior Window Trim <small>(09 91 13 00-0219)</small>		
09 91 13 00-0288	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim.....	1.17	
09 91 13 00-0289	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim.....	1.17	
09 91 13 00-0290	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim.....	1.87	
09 91 13 00-0291	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim.....	1.33	
09 91 13 00-0292	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim.....	1.33	
09 91 13 00-0293	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim.....	2.19	
09 91 13 00-0294		Paint Roofing And Trim <small>(09 91 13)</small>		
09 91 13 00-0295		Paint Stain Or Seal Wood Roofing <small>(09 91 13 00-0294)</small>		
09 91 13 00-0296	SF	Stain And Seal Shingles/Shake, 1 Coat, Brush/Roller Work.....	1.58	
		<i>For Up To 100, Add</i>	0.92	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0297	SF		Stain And Seal Shingles/Shake, 2 Coats, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	2.90 1.66 0.80 0.35	
09 91 13 00-0298			Paint Metal Roofing <small>(09 91 13 00-0294)</small>		
09 91 13 00-0299	SF		Paint Metal Roofing, 1 Coat Paint, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.72 0.38 0.18 0.08	
09 91 13 00-0300	SF		Paint Metal Roofing, 2 Coats Paint, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.25 0.67 0.33 0.14	
09 91 13 00-0301			Paint Fascia Board <small>(09 91 13 00-0294)</small>		
09 91 13 00-0302	LF		Paint Fascia Board, 1 Coat Primer, Brush/Roller Work <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.64 0.37 0.18 0.08	
09 91 13 00-0303	LF		Paint Fascia Board, 1 Coat Paint, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.64 0.37 0.18 0.08	
09 91 13 00-0304	LF		Paint Fascia Board, 2 Coats Paint, Brush/Roller Work <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.13 0.66 0.32 0.14	
09 91 13 00-0305			Paint Soffit <small>(09 91 13 00-0294)</small>		
09 91 13 00-0306	SF		Paint Soffit, 1 Coat Primer, Brush/Roller Work <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.73 0.38 0.19 0.08	
09 91 13 00-0307	SF		Paint Soffit, 1 Coat Paint, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.73 0.38 0.19 0.08	
09 91 13 00-0308	SF		Paint Soffit, 2 Coats Paint, Brush/Roller Work..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.25 0.67 0.33 0.14	
09 91 13 00-0309			Paint Site Work <small>(09 91 13)</small> Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0310			Paint Structural Steel <small>(09 91 13 00-0309)</small>		
09 91 13 00-0311			Paint Structural Steel, Brush Work <small>(09 91 13 00-0310)</small>		
09 91 13 00-0312	SF		1 Field Coat Primer, Brush/Roller Work, Paint Structural Steel <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.93 0.61 0.29 0.13 0.09	
09 91 13 00-0313	SF		1 Field Coat Paint, Brush/Roller Work, Paint Structural Steel..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.82 0.53 0.25 0.11 0.08	
09 91 13 00-0314			Paint Structural Steel, Spray Work <small>(09 91 13 00-0310)</small>		
09 91 13 00-0315	SF		Paint Structural Steel, 1 Field Coat Primer, Spray Work..... <i>For Electrostatic Painting, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.62 0.08 0.38 0.18 0.08 0.07	
09 91 13 00-0316	SF		Paint Structural Steel, 1 Field Coat Paint, Spray Work <i>For Electrostatic Painting, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.51 0.07 0.30 0.14 0.06 0.07	
09 91 13 00-0317			Paint Metal Decking, Beams And Bar Joist <small>(09 91 13 00-0310)</small>		
09 91 13 00-0318	SF		1 Coat Primer, Sprayed, Paint Exposed Metal Decking..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.70 0.44 0.21 0.09 0.08	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0319	SF 1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.70	
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For Epoxy Paint, Add	0.08	
09 91 13 00-0320	SF 2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.16	
	For Up To 100, Add	0.71	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0321	SF 1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists.....	1.10	
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For Epoxy Paint, Add	0.13	
09 91 13 00-0322	SF 1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.08	
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For Epoxy Paint, Add	0.12	
09 91 13 00-0323	SF 2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.03	
	For Up To 100, Add	1.25	
	For >100 To 250, Add	0.60	
	For >250 To 500, Add	0.26	
	For Epoxy Paint, Add	0.24	
09 91 13 00-0324	SF 1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	0.85	
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For Epoxy Paint, Add	0.10	
09 91 13 00-0325	SF 1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists.....	0.85	
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For Epoxy Paint, Add	0.10	
09 91 13 00-0326	SF 2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.43	
	For Up To 100, Add	0.83	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For Epoxy Paint, Add	0.19	
09 91 13 00-0327	Paint Steel Pipes <small>(09 91 13 00-0309)</small>		
	Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0328	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Primer.....	1.56	
	For Electrostatic Painting, Add	0.19	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0329	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Primer.....	1.76	
	For Electrostatic Painting, Add	0.21	
	For Epoxy Paint, Add	0.16	
09 91 13 00-0330	LF Paint Steel Pipes 4" Diameter, 1 Coat Primer.....	1.98	
	For Electrostatic Painting, Add	0.24	
	For Epoxy Paint, Add	0.18	
09 91 13 00-0331	LF Paint Steel Pipes 6" To 8" Diameter, 1 Coat Primer	2.47	
	For Electrostatic Painting, Add	0.30	
	For Epoxy Paint, Add	0.22	
09 91 13 00-0332	LF Paint Steel Pipes 10" To 12" Diameter 1 Coat Primer	3.14	
	For Electrostatic Painting, Add	0.38	
	For Epoxy Paint, Add	0.28	
09 91 13 00-0333	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Paint	1.56	
	For Electrostatic Painting, Add	0.19	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0334	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Paint.....	1.76	
	For Electrostatic Painting, Add	0.21	
	For Epoxy Paint, Add	0.16	
09 91 13 00-0335	LF Paint Steel Pipes 4" Diameter, 1 Coat Paint.....	1.98	
	For Electrostatic Painting, Add	0.24	
	For Epoxy Paint, Add	0.18	
09 91 13 00-0336	LF Paint Steel Pipes 6" To 8" Diameter, 1 Coat Paint.....	2.47	
	For Electrostatic Painting, Add	0.30	
	For Epoxy Paint, Add	0.22	
09 91 13 00-0337	LF Paint Steel Pipes 10" To 12" Diameter 1 Coat Paint.....	3.14	
	For Electrostatic Painting, Add	0.38	
	For Epoxy Paint, Add	0.28	
09 91 13 00-0338	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 2 Coats	3.13	
	For Electrostatic Painting, Add	0.39	
	For Epoxy Paint, Add	0.32	
09 91 13 00-0339	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 2 Coats	3.50	
	For Electrostatic Painting, Add	0.42	
	For Epoxy Paint, Add	0.32	
09 91 13 00-0340	LF Paint Steel Pipes 4" Diameter, 2 Coats.....	3.78	
	For Electrostatic Painting, Add	0.46	
	For Epoxy Paint, Add	0.35	
09 91 13 00-0341	LF Paint Steel Pipes 6" To 8" Diameter, 2 Coats.....	4.78	
	For Electrostatic Painting, Add	0.58	
	For Epoxy Paint, Add	0.43	
09 91 13 00-0342	LF Paint Steel Pipes 10" To 12" Diameter, 2 Coats	5.88	
	For Electrostatic Painting, Add	0.71	
	For Epoxy Paint, Add	0.54	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

09 91 13 00-0343	EA			Paint Exposed Single Or Double Gang, Outlet Box, 1 Coat Paint	8.07	
				<i>For Electrostatic Painting, Add</i>	0.84	
				<i>For Epoxy Paint, Add</i>	0.47	
09 91 13 00-0344 Paint Fencing <small>(09 91 13 00-0309)</small>						
Note: Per side of fence. Based on gross fence area (length of fence x height of fence).						
09 91 13 00-0345	SF			1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.78	
				<i>For Epoxy Paint, Add</i>	0.08	
				<i>For Up To 100, Add</i>	0.51	
				<i>For >100 To 250, Add</i>	0.24	
				<i>For >250 To 500, Add</i>	0.11	
09 91 13 00-0346	SF			2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.45	
				<i>For Epoxy Paint, Add</i>	0.14	
				<i>For Up To 100, Add</i>	0.94	
				<i>For >100 To 250, Add</i>	0.45	
				<i>For >250 To 500, Add</i>	0.19	
09 91 13 00-0347	SF			1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.62	
				<i>For Epoxy Paint, Add</i>	0.08	
				<i>For Electrostatic Painting, Add</i>	0.08	
				<i>For Up To 100, Add</i>	0.38	
				<i>For >100 To 250, Add</i>	0.18	
				<i>For >250 To 500, Add</i>	0.08	
09 91 13 00-0348	SF			2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.15	
				<i>For Epoxy Paint, Add</i>	0.15	
				<i>For Electrostatic Painting, Add</i>	0.16	
				<i>For Up To 100, Add</i>	0.68	
				<i>For >100 To 250, Add</i>	0.33	
				<i>For >250 To 500, Add</i>	0.14	
09 91 13 00-0349	SF			1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.70	
				<i>For Epoxy Paint, Add</i>	0.08	
				<i>For Up To 100, Add</i>	0.44	
				<i>For >100 To 250, Add</i>	0.21	
				<i>For >250 To 500, Add</i>	0.09	
09 91 13 00-0350	SF			1 Coat, Brush/Roller, Paint Wrought Iron Fence.....	0.67	
				<i>For Epoxy Paint, Add</i>	0.07	
				<i>For Up To 100, Add</i>	0.43	
				<i>For >100 To 250, Add</i>	0.20	
				<i>For >250 To 500, Add</i>	0.09	
09 91 13 00-0351	SF			Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence.....	0.46	
				<i>For Epoxy Paint, Add</i>	0.06	
				<i>For Up To 100, Add</i>	0.27	
				<i>For >100 To 250, Add</i>	0.13	
				<i>For >250 To 500, Add</i>	0.06	
09 91 13 00-0352	SF			1 Coat Primer, Brush/Roller, Paint Picket Fence	0.93	
				<i>For Epoxy Paint, Add</i>	0.06	
				<i>For Up To 100, Add</i>	0.66	
				<i>For >100 To 250, Add</i>	0.31	
				<i>For >250 To 500, Add</i>	0.13	
09 91 13 00-0353	SF			1 Coat, Brush/Roller, Paint Picket Fence.....	0.93	
				<i>For Epoxy Paint, Add</i>	0.06	
				<i>For Up To 100, Add</i>	0.66	
				<i>For >100 To 250, Add</i>	0.31	
				<i>For >250 To 500, Add</i>	0.13	
09 91 13 00-0354	SF			Each Additional Coat, Brush/Roller, Paint Picket Fence.....	0.65	
				<i>For Epoxy Paint, Add</i>	0.05	
				<i>For Up To 100, Add</i>	0.45	
				<i>For >100 To 250, Add</i>	0.21	
				<i>For >250 To 500, Add</i>	0.09	
09 91 13 00-0355	SF			1 Coat, Brush/Roller, Paint Wood Fences	0.66	
				<i>For Up To 100, Add</i>	0.43	
				<i>For >100 To 250, Add</i>	0.20	
				<i>For >250 To 500, Add</i>	0.09	
09 91 13 00-0356	SF			2 Coats, Brush/Roller, Paint Wood Fences.....	1.17	
				<i>For Up To 100, Add</i>	0.75	
				<i>For >100 To 250, Add</i>	0.35	
				<i>For >250 To 500, Add</i>	0.15	
09 91 13 00-0357	SF			1 Coat, Sprayed, Paint Wood Fences.....	0.47	
				<i>For Up To 100, Add</i>	0.29	
				<i>For >100 To 250, Add</i>	0.14	
				<i>For >250 To 500, Add</i>	0.06	
09 91 13 00-0358	SF			2 Coats, Sprayed, Paint Wood Fences.....	0.86	
				<i>For Up To 100, Add</i>	0.51	
				<i>For >100 To 250, Add</i>	0.25	
				<i>For >250 To 500, Add</i>	0.11	
09 91 13 00-0359 Paint Metal Louvers <small>(09 91 13 00-0309)</small>						
09 91 13 00-0360	SF			Paint Ventilation Louver, SF Of Opening Area, 1 Coat Primer, Brush/Roller Work.....	1.32	
				<i>For Electrostatic Painting, Add</i>	0.15	
09 91 13 00-0361	SF			Paint Ventilation Louver, SF Of Opening Area, 1 Coat Alkyd, Brush/Roller Work	1.34	
				<i>For Electrostatic Painting, Add</i>	0.16	
09 91 13 00-0362	SF			Paint Ventilation Louver, SF Of Opening Area, 2 Coats Alkyd, Brush/Roller Work.....	2.72	
				<i>For Electrostatic Painting, Add</i>	0.32	
09 91 13 00-0363 Paint Ladders <small>(09 91 13 00-0309)</small>						
09 91 13 00-0364	LF			Paint Ladders, 1 Coat Alkyd Primer, Brush/Roller Work.....	3.70	
				<i>For Epoxy Paint, Add</i>	0.22	

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0365	LF	Paint Ladders, 1 Coat Alkyd Enamel, Brush/Roller Work	4.13
		<i>For Epoxy Paint, Add</i>	0.24
09 91 13 00-0366	LF	Paint Ladders, 2 Coats Alkyd Enamel, Brush/Roller Work.....	8.18
		<i>For Epoxy Paint, Add</i>	0.45
09 91 13 00-0367		Paint Handrails (09 91 13 00-0309)	
09 91 13 00-0368	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.45
		<i>For Epoxy Paint, Add</i>	0.10
09 91 13 00-0369	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.61
		<i>For Epoxy Paint, Add</i>	0.11
09 91 13 00-0370	LF	Paint Hand Rail And Bracket, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.67
		<i>For Epoxy Paint, Add</i>	0.16
09 91 13 00-0371	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	2.53
		<i>For Epoxy Paint, Add</i>	0.27
09 91 13 00-0372	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	2.78
		<i>For Epoxy Paint, Add</i>	0.28
09 91 13 00-0373	LF	Paint Pipe Rail And Pickets, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	4.81
		<i>For Epoxy Paint, Add</i>	0.46
09 91 13 00-0374	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Primer, Brush/Roller Work.....	2.74
		<i>For Epoxy Paint, Add</i>	0.28
09 91 13 00-0375	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Enamel, Brush/Roller Work.....	3.01
		<i>For Epoxy Paint, Add</i>	0.29
09 91 13 00-0376	LF	Paint Pipe Rail And Pickets, 2 Rails, 2 Coats Alkyd Enamel, Brush/Roller Work.....	5.12
		<i>For Epoxy Paint, Add</i>	0.47
09 91 13 00-0377	LF	Paint Balustrades, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.54
		<i>For Epoxy Paint, Add</i>	0.15
09 91 13 00-0378	LF	Paint Balustrades, 1 Coat Alkyd Enamel, Brush/Roller Work	1.70
		<i>For Epoxy Paint, Add</i>	0.16
09 91 13 00-0379	LF	Paint Balustrades, 2 Coats Alkyd Enamel, Brush/Roller Work.....	3.07
		<i>For Epoxy Paint, Add</i>	0.29
09 91 13 00-0380		Paint Grating (09 91 13 00-0309)	
09 91 13 00-0381	SF	Paint Gratings And Frames, 1 Coat Primer, Brush/Roller Work.....	2.67
		<i>For Epoxy Paint, Add</i>	0.16
09 91 13 00-0382	SF	Paint Gratings And Frames, 1 Coat Paint, Brush/Roller Work.....	2.71
		<i>For Epoxy Paint, Add</i>	0.18
09 91 13 00-0383	SF	Paint Gratings And Frames, 2 Coats Paint, Brush/Roller Work.....	4.05
		<i>For Epoxy Paint, Add</i>	0.28
09 91 13 00-0384		Equipment And Tanks (09 91 13 00-0309)	
09 91 13 00-0385		Valves, Primer And Finish Coats (09 91 13 00-0384)	
09 91 13 00-0386	EA	Prime And Paint 4" And Smaller Valve	26.60
09 91 13 00-0387	EA	Prime And Paint 6" To 10" Valve	32.45
09 91 13 00-0388	EA	Prime And Paint 12" To 18" Valve	42.83
09 91 13 00-0389	EA	Prime And Paint 20" To 24" Valve	57.74
09 91 13 00-0390	EA	Prime And Paint >24" To 36" Valve	78.49
09 91 13 00-0391	EA	Prime And Paint >36" To 48" Valve	106.40
09 91 13 00-0392		Pumps And Motors. Primer And Finish Coats (09 91 13 00-0384)	
09 91 13 00-0393	EA	Prime And Paint Pump Under 1 HP	81.12
09 91 13 00-0394	EA	Prime And Paint Pump, 1 HP To 5 HP.....	105.82
09 91 13 00-0395	EA	Prime And Paint Pump, >5 HP To 10 HP.....	126.00
09 91 13 00-0396	EA	Prime And Paint Pump, >10 HP To 20 HP.....	140.33
09 91 13 00-0397	EA	Prime And Paint Pump, >20 HP To 30 HP.....	163.71
09 91 13 00-0398	EA	Prime And Paint Pump, >30 HP To 50 HP.....	187.11
09 91 13 00-0399	EA	Prime And Paint Pump, >50 HP To 75 HP.....	205.97
09 91 13 00-0400	EA	Prime And Paint Pump, >75 HP.....	233.89
09 91 13 00-0401		Storage Tanks (09 91 13 00-0384)	
09 91 13 00-0402	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Roller	0.99
09 91 13 00-0403	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Roller.....	1.27
09 91 13 00-0404	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Roller.....	2.42
09 91 13 00-0405	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Roller	1.37
09 91 13 00-0406	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Roller.....	1.71
09 91 13 00-0407	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Roller.....	3.26
09 91 13 00-0408	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Spray	0.94
09 91 13 00-0409	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Spray.....	1.11
09 91 13 00-0410	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Spray.....	2.15
09 91 13 00-0411	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Spray	1.10
09 91 13 00-0412	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Spray.....	1.40
09 91 13 00-0413	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Spray.....	2.72
09 91 13 00-0414		Other Site Work Painting (09 91 13 00-0309)	
09 91 13 00-0415		Paint Shutters Or Blinds, Solid Panel (09 91 13 00-0414)	
09 91 13 00-0416	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Brush Work.....	2.89
09 91 13 00-0417	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Brush Work.....	2.90
09 91 13 00-0418	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Brush Work	5.14
09 91 13 00-0419	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Sprayed.....	1.57

09 91 13 00-0420	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Sprayed	1.58
09 91 13 00-0421	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Sprayed.....	2.90
09 91 13 00-0422		Paint Shutters Or Blinds, Louvered Panel (09 91 13 00-0414)	
09 91 13 00-0423	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Brush Work.....	3.59
09 91 13 00-0424	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Brush Work	3.60
09 91 13 00-0425	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Brush Work	6.38
09 91 13 00-0426	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Sprayed.....	1.92
09 91 13 00-0427	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Sprayed	1.93
09 91 13 00-0428	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Sprayed.....	3.54
09 91 13 00-0429		Paint Flagpoles (09 91 13 00-0414)	
09 91 13 00-0430	EA	Paint Steel Flagpole, 20' High, 1 Coat Paint	175.56
09 91 13 00-0431	EA	Paint Steel Flagpole, 30' High, 1 Coat Paint	236.13
09 91 13 00-0432	EA	Paint Steel Flagpole, 40' High, 1 Coat Paint	296.73
09 91 13 00-0433	EA	Paint Steel Flagpole, 50' High, 1 Coat Paint	357.34
09 91 13 00-0434	EA	Paint Steel Flagpole, 70' High, 1 Coat Paint	465.87
09 91 13 00-0435	EA	Paint Steel Flagpole, 80' High, 1 Coat Paint	524.89
09 91 13 00-0436	EA	Paint Steel Flagpole, 90' High, 1 Coat Paint	583.92
09 91 13 00-0437		Paint Lattice Or Trellis (09 91 13 00-0414)	
09 91 13 00-0438	SF	Paint Wood Lattice Or Trellis 1 Coat, Spray Per Side.....	1.24
		<i>For Up To 100, Add</i>	<i>0.86</i>
		<i>For >100 To 250, Add</i>	<i>0.41</i>
		<i>For >250 To 500, Add</i>	<i>0.18</i>
09 91 13 00-0439	SF	Paint Wood Lattice Or Trellis 2 Coats, Spray Per Side.....	2.28
		<i>For Up To 100, Add</i>	<i>1.58</i>
		<i>For >100 To 250, Add</i>	<i>0.74</i>
		<i>For >250 To 500, Add</i>	<i>0.32</i>
09 91 13 00-0440		Paint Exterior Stairs (09 91 13)	
09 91 13 00-0441		Paint Exterior Concrete Stairs (09 91 13 00-0440)	
09 91 13 00-0442	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	16.00
09 91 13 00-0443	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	16.00
09 91 13 00-0444	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work.....	19.49
09 91 13 00-0445	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work.....	29.53
09 91 13 00-0446	RSR	Paint Exterior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	32.01
09 91 13 00-0447		Paint Exterior Metal Stairs (09 91 13 00-0440)	
09 91 13 00-0448	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work.....	8.32
		<i>For Oil Based Paint, Add</i>	<i>0.44</i>
09 91 13 00-0449	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.32
		<i>For Oil Based Paint, Add</i>	<i>0.44</i>
09 91 13 00-0450	RSR	Paint Exterior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	16.65
		<i>For Oil Based Paint, Add</i>	<i>0.88</i>
09 91 13 00-0451		Paint Exterior Wood Stairs (09 91 13 00-0440)	
09 91 13 00-0452	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work.....	8.18
09 91 13 00-0453	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	8.18
09 91 13 00-0454	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work.....	11.67
09 91 13 00-0455	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	21.71
09 91 13 00-0456	RSR	Paint Exterior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.37
09 91 13 00-0457		Paint Exterior Stair Nosing (09 91 13 00-0440)	
09 91 13 00-0458	LF	Paint Exterior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work.....	1.54
09 91 13 00-0459		Paint Exterior Trim (09 91 13)	
09 91 13 00-0460		Paint Exterior Metal Trim And Gutters (09 91 13 00-0459)	
09 91 13 00-0461	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim.....	1.14
09 91 13 00-0462	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.14
09 91 13 00-0463	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.08
09 91 13 00-0464	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Trim	0.92
09 91 13 00-0465	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Trim.....	1.03
09 91 13 00-0466	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Trim.....	1.85
09 91 13 00-0467	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout.....	1.67
09 91 13 00-0468	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout.....	2.21
09 91 13 00-0469		Paint Exterior Wood Trim (09 91 13 00-0459)	
09 91 13 00-0470	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	1.48
		<i>For Oil Based Paint, Add</i>	<i>0.08</i>
09 91 13 00-0471	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.62
		<i>For Oil Based Paint, Add</i>	<i>0.09</i>
09 91 13 00-0472	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work.....	2.91
		<i>For Oil Based Paint, Add</i>	<i>0.17</i>

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0473	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work.....	1.16
		<i>For Oil Based Paint, Add</i>	0.07
09 91 13 00-0474	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work.....	1.30
		<i>For Oil Based Paint, Add</i>	0.08
09 91 13 00-0475	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work.....	2.39
		<i>For Oil Based Paint, Add</i>	0.14

09 91 13 00-0476 Paint Exterior Miscellaneous Metal Surfaces (09 91 13)

09 91 13 00-0477	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.23
		<i>For Epoxy Paint, Add</i>	0.12
		<i>For Electrostatic Painting, Add</i>	0.15
09 91 13 00-0478	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.16
		<i>For Epoxy Paint, Add</i>	0.10
		<i>For Electrostatic Painting, Add</i>	0.14
09 91 13 00-0479	SF	Paint Exterior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.36
		<i>For Epoxy Paint, Add</i>	0.21
		<i>For Electrostatic Painting, Add</i>	0.28

09 91 23 Interior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 23 00-0001 Paint Interior Walls (09 91 23)

09 91 23 00-0002 Paint Interior Brick Walls (09 91 23 00-0001)

09 91 23 00-0003	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls.....	0.98
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.21
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.34
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.47
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.66
		<i>For >100 To 250, Add</i>	0.31
		<i>For >250 To 500, Add</i>	0.13
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.15
		<i>For >20,000, Deduct</i>	-0.20
09 91 23 00-0004	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls.....	1.13
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Work >15' To 20' Above Floor, Add</i>	0.15
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.25
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.39
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.54
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.76
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.11
		<i>For >10,000 To 20,000, Deduct</i>	-0.17
		<i>For >20,000, Deduct</i>	-0.23
09 91 23 00-0005	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls.....	2.00
		<i>For Oil Based Paint, Add</i>	0.12
		<i>For Work >15' To 20' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.68
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.94
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	1.32
		<i>For >100 To 250, Add</i>	0.63
		<i>For >250 To 500, Add</i>	0.27
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.20
		<i>For >10,000 To 20,000, Deduct</i>	-0.30
		<i>For >20,000, Deduct</i>	-0.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls.....		0.79	
		For Oil Based Paint, Add		0.05	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.17	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.26	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.36	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.51	
		For >100 To 250, Add		0.24	
		For >250 To 500, Add		0.11	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.08	
		For >10,000 To 20,000, Deduct		-0.12	
		For >20,000, Deduct		-0.16	
09 91 23 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls		0.96	
		For Oil Based Paint, Add		0.06	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.19	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.42	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.61	
		For >100 To 250, Add		0.29	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.14	
		For >20,000, Deduct		-0.19	
09 91 23 00-0008	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls		1.66	
		For Oil Based Paint, Add		0.10	
		For Work >15' To 20' Above Floor, Add		0.20	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.33	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.52	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.72	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.04	
		For >100 To 250, Add		0.49	
		For >250 To 500, Add		0.21	
		For >2,500 To 5,000, Deduct		-0.08	
		For >5,000 To 10,000, Deduct		-0.17	
		For >10,000 To 20,000, Deduct		-0.25	
		For >20,000, Deduct		-0.33	
09 91 23 00-0009	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls		0.62	
		For Oil Based Paint, Add		0.04	
		For Work >15' To 20' Above Floor, Add		0.07	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.12	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.19	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.26	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.38	
		For >100 To 250, Add		0.18	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.12	
09 91 23 00-0010	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls.....		0.68	
		For Oil Based Paint, Add		0.05	
		For Work >15' To 20' Above Floor, Add		0.07	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.12	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.18	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.25	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.38	
		For >100 To 250, Add		0.18	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.07	
		For >10,000 To 20,000, Deduct		-0.10	
		For >20,000, Deduct		-0.14	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0011	SF 2 Coats Paint, Sprayed, Paint Interior Brick Walls.....	1.16	
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 23 00-0012	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls.....	1.00	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.66	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 23 00-0013	SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls.....	0.81	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0014	SF 1 Coat Bonding Agent, Spray, Paint Interior Brick Walls.....	0.65	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0015	Paint Interior Concrete Walls (09 91 23 00-0001)		
09 91 23 00-0016	SF 1 Coat Filler, Brush Work, Paint Interior Concrete Walls.....	0.84	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.29	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.40	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0017	SF			1 Coat Paint, Brush Work, Paint Interior Concrete Walls.....	0.93	
				For Oil Based Paint, Add	0.05	
				For Epoxy Paint, Add	0.07	
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.21	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.34	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.46	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.64	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.19	
09 91 23 00-0018	SF			2 Coats Paint, Brush Work, Paint Interior Concrete Walls.....	1.70	
				For Oil Based Paint, Add	0.09	
				For Epoxy Paint, Add	0.13	
				For Work >15' To 20' Above Floor, Add	0.23	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.39	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.62	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.86	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.19	
				For >100 To 250, Add	0.56	
				For >250 To 500, Add	0.24	
				For >2,500 To 5,000, Deduct	-0.09	
				For >5,000 To 10,000, Deduct	-0.17	
				For >10,000 To 20,000, Deduct	-0.26	
				For >20,000, Deduct	-0.34	
09 91 23 00-0019	SF			1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls.....	0.67	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.07	
				For Work >15' To 20' Above Floor, Add	0.08	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.14	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.22	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.31	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 23 00-0020	SF			1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	0.77	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.07	
				For Work >15' To 20' Above Floor, Add	0.10	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.17	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.27	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.37	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.52	
				For >100 To 250, Add	0.25	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.15	
09 91 23 00-0021	SF			2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	1.39	
				For Oil Based Paint, Add	0.08	
				For Epoxy Paint, Add	0.12	
				For Work >15' To 20' Above Floor, Add	0.18	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.31	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.49	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.67	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.94	
				For >100 To 250, Add	0.44	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.21	
				For >20,000, Deduct	-0.28	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0022	SF 1 Coat Filler, Sprayed, Paint Interior Concrete Walls.....	0.50	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
09 91 23 00-0023	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.58	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 23 00-0024	SF 2 Coats Paint, Sprayed, Paint Interior Concrete Walls.....	0.92	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0025	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls.....	0.86	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.29	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.40	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.57	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 23 00-0026	SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.69	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.31	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.14	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0027	SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls.....	0.52	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.30	
	<i>For >100 To 250, Add</i>	0.14	
	<i>For >250 To 500, Add</i>	0.06	
	<i>For >2,500 To 5,000, Deduct</i>	-0.03	
	<i>For >5,000 To 10,000, Deduct</i>	-0.05	
	<i>For >10,000 To 20,000, Deduct</i>	-0.08	
	<i>For >20,000, Deduct</i>	-0.10	

09 91 23 00-0028 Paint Interior Concrete Block Walls (09 91 23 00-0001)

09 91 23 00-0029 Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0028)

09 91 23 00-0030	SF 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.14	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.52	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.74	
	<i>For >100 To 250, Add</i>	0.35	
	<i>For >250 To 500, Add</i>	0.15	
	<i>For >2,500 To 5,000, Deduct</i>	-0.06	
	<i>For >5,000 To 10,000, Deduct</i>	-0.11	
	<i>For >10,000 To 20,000, Deduct</i>	-0.17	
	<i>For >20,000, Deduct</i>	-0.23	

09 91 23 00-0031	SF 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.32	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.45	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.62	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.88	
	<i>For >100 To 250, Add</i>	0.41	
	<i>For >250 To 500, Add</i>	0.18	
	<i>For >2,500 To 5,000, Deduct</i>	-0.07	
	<i>For >5,000 To 10,000, Deduct</i>	-0.13	
	<i>For >10,000 To 20,000, Deduct</i>	-0.20	
	<i>For >20,000, Deduct</i>	-0.26	

09 91 23 00-0032	SF 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.35	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.49	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	1.08	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.53	
	<i>For >100 To 250, Add</i>	0.73	
	<i>For >250 To 500, Add</i>	0.31	
	<i>For >2,500 To 5,000, Deduct</i>	-0.12	
	<i>For >5,000 To 10,000, Deduct</i>	-0.24	
	<i>For >10,000 To 20,000, Deduct</i>	-0.35	
	<i>For >20,000, Deduct</i>	-0.47	

09 91 23 00-0033	SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.91	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.40	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.57	
	<i>For >100 To 250, Add</i>	0.27	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For >2,500 To 5,000, Deduct</i>	-0.05	
	<i>For >5,000 To 10,000, Deduct</i>	-0.09	
	<i>For >10,000 To 20,000, Deduct</i>	-0.14	
	<i>For >20,000, Deduct</i>	-0.18	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0034	SF		1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.02	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.65	
			<i>For >100 To 250, Add</i>	0.31	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.15	
			<i>For >20,000, Deduct</i>	-0.20	
09 91 23 00-0035	SF		2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.92	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.61	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.84	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.21	
			<i>For >100 To 250, Add</i>	0.57	
			<i>For >250 To 500, Add</i>	0.25	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.19	
			<i>For >10,000 To 20,000, Deduct</i>	-0.29	
			<i>For >20,000, Deduct</i>	-0.38	
09 91 23 00-0036	SF		1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls.....	0.66	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.35	
			<i>For >100 To 250, Add</i>	0.17	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.13	
09 91 23 00-0037	SF		1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls.....	0.82	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.47	
			<i>For >100 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0038	SF		2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.47	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.80	
			<i>For >100 To 250, Add</i>	0.39	
			<i>For >250 To 500, Add</i>	0.17	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.15	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.29	

09 91 23 00-0039 Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0028)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0040	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls.....		1.08	
		For Oil Based Paint, Add		0.06	
		For Work >15' To 20' Above Floor, Add		0.14	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.24	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.38	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.52	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.73	
		For >100 To 250, Add		0.35	
		For >250 To 500, Add		0.15	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.11	
		For >10,000 To 20,000, Deduct		-0.16	
		For >20,000, Deduct		-0.22	
09 91 23 00-0041	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls.....		1.26	
		For Oil Based Paint, Add		0.07	
		For Work >15' To 20' Above Floor, Add		0.16	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.27	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.44	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.60	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.84	
		For >100 To 250, Add		0.40	
		For >250 To 500, Add		0.17	
		For >2,500 To 5,000, Deduct		-0.06	
		For >5,000 To 10,000, Deduct		-0.13	
		For >10,000 To 20,000, Deduct		-0.19	
		For >20,000, Deduct		-0.25	
09 91 23 00-0042	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls		2.29	
		For Oil Based Paint, Add		0.13	
		For Work >15' To 20' Above Floor, Add		0.29	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.49	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.78	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		1.07	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.51	
		For >100 To 250, Add		0.71	
		For >250 To 500, Add		0.31	
		For >2,500 To 5,000, Deduct		-0.11	
		For >5,000 To 10,000, Deduct		-0.23	
		For >10,000 To 20,000, Deduct		-0.34	
		For >20,000, Deduct		-0.46	
09 91 23 00-0043	SF	Texture Coat, Brush Work, Paint Interior Concrete Block Walls		1.40	
		For Oil Based Paint, Add		0.08	
		For Work >15' To 20' Above Floor, Add		0.18	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.30	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.48	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.67	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.94	
		For >100 To 250, Add		0.44	
		For >250 To 500, Add		0.19	
		For >2,500 To 5,000, Deduct		-0.07	
		For >5,000 To 10,000, Deduct		-0.14	
		For >10,000 To 20,000, Deduct		-0.21	
		For >20,000, Deduct		-0.28	
09 91 23 00-0044	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls		0.90	
		For Oil Based Paint, Add		0.05	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.19	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.42	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.60	
		For >100 To 250, Add		0.28	
		For >250 To 500, Add		0.12	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.14	
		For >20,000, Deduct		-0.18	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0045	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.06	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.49	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.69	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0046	SF 2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.89	
	For Oil Based Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.39	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.62	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.85	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.21	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.19	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.38	
09 91 23 00-0047	SF Texture Coat, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.18	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.54	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.77	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 23 00-0048	SF 1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls.....	0.69	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.21	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.29	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.14	
09 91 23 00-0049	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls.....	0.80	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.23	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0050	SF		2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.14	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0051	SF		Texture Coat, Sprayed, Paint Interior Concrete Block Walls.....	0.93	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.54	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 23 00-0052			Paint Interior Concrete Block Walls With Bonding Agent (09 91 23 00-0028)		
09 91 23 00-0053	SF		1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls.....	1.10	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.52	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 23 00-0054	SF		1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls.....	0.92	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.42	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 23 00-0055	SF		1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls.....	0.72	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.21	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.29	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.42	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.14	
09 91 23 00-0056			Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)		
09 91 23 00-0057			Paint Interior Plaster/Drywall Walls (09 91 23 00-0056)		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0058	SF 1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls.....	0.88	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.12	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.19	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.42	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 23 00-0059	SF 1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	0.94	
	For Oil Based Paint, Add	0.05	
	For Orange Peel Finish, Add	0.14	
	For Epoxy Paint, Add	0.07	
	For Each Coat With Egg Shell Finish, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0060	SF 2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	1.70	
	For Oil Based Paint, Add	0.09	
	For Orange Peel Finish, Add	0.24	
	For Epoxy Paint, Add	0.14	
	For Each Coat With Egg Shell Finish, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.38	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.61	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.84	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.17	
	For >100 To 250, Add	0.55	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.34	
09 91 23 00-0061	SF 3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	2.42	
	For Oil Based Paint, Add	0.13	
	For Orange Peel Finish, Add	0.35	
	For Epoxy Paint, Add	0.20	
	For Each Coat With Egg Shell Finish, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.32	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.54	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.86	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.19	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.66	
	For >100 To 250, Add	0.78	
	For >250 To 500, Add	0.34	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.36	
	For >20,000, Deduct	-0.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0062	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.69	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Orange Peel Finish, Add</i>	0.10	
			<i>For Epoxy Paint, Add</i>	0.07	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.45	
			<i>For >100 To 250, Add</i>	0.21	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.14	
09 91 23 00-0063	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.79	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Orange Peel Finish, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.07	
			<i>For Each Coat With Egg Shell Finish, Add</i>	0.01	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.53	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0064	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.38	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Orange Peel Finish, Add</i>	0.19	
			<i>For Epoxy Paint, Add</i>	0.13	
			<i>For Each Coat With Egg Shell Finish, Add</i>	0.01	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.92	
			<i>For >100 To 250, Add</i>	0.44	
			<i>For >250 To 500, Add</i>	0.19	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.21	
			<i>For >20,000, Deduct</i>	-0.28	
09 91 23 00-0065	SF		1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls.....	0.49	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Epoxy Paint, Add</i>	0.06	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.29	
			<i>For >100 To 250, Add</i>	0.14	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For >2,500 To 5,000, Deduct</i>	-0.02	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000 To 20,000, Deduct</i>	-0.07	
			<i>For >20,000, Deduct</i>	-0.10	

09 Finishes
09 90 Painting And Coating
09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0066	SF 1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls.....	0.58	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Each Coat With Egg Shell Finish, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 23 00-0067	SF 2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls.....	0.92	
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.11	
	For Each Coat With Egg Shell Finish, Add	0.01	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.28	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.39	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0068 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint			
<i>(09 91 23 00-0056)</i>			
09 91 23 00-0069	SF Paint Interior Plaster/Drywall Or Masonry Walls, 2 Tone Polymix With Base Coat, Sprayed.....	1.47	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.71	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.29	
09 91 23 00-0070	SF Paint Interior Plaster/Drywall Or Masonry Walls, 3 Tone Polymix With Base Coat, Sprayed.....	1.58	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.73	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 23 00-0071	SF Paint Interior Plaster/Drywall Or Masonry Walls, 4 Tone Polymix With Base Coat, Sprayed.....	1.68	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.74	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	

09 91 23 00-0072	Paint Interior Plaster/Drywall Walls, Acoustic Texture <small>(09 91 23 00-0056)</small>		
09 91 23 00-0073	SF Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Primer, Sprayed.....	0.64	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0074	SF Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Finish, Sprayed.....	0.76	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.32	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 23 00-0075	SF Paint Interior Plaster/Drywall Walls, Acoustic Texture, 2 Coats Finish, Sprayed.....	1.17	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	
09 91 23 00-0076	SF Paint Interior Plaster/Drywall Walls, Stipple Finish (Drippowder).....	1.43	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.34	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.54	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.75	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.03	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.29	
09 91 23 00-0077	Paint Interior Metal Walls <small>(09 91 23 00-0001)</small>		
09 91 23 00-0078	Paint Interior Galvanized Walls <small>(09 91 23 00-0077)</small>		
	Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0079	SF 1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.05	
	For Electrostatic Painting, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	

09 Finishes

09 90 Painting And Coating

09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0080	SF 1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.17	
	For Electrostatic Painting, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.76	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	
09 91 23 00-0081	SF 2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	2.12	
	For Electrostatic Painting, Add	0.28	
	For Work >15' To 20' Above Floor, Add	0.26	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.43	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.68	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.94	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.34	
	For >100 To 250, Add	0.64	
	For >250 To 500, Add	0.28	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	
09 91 23 00-0082	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls.....	0.78	
	For Electrostatic Painting, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.48	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0083	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall.....	0.91	
	For Electrostatic Painting, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.11	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.18	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.29	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.40	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.57	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0084	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls.....	1.69	
	For Electrostatic Painting, Add	0.22	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.33	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.53	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.73	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.05	
	For >100 To 250, Add	0.50	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0085	SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.56	
	For Electrostatic Painting, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.05	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.08	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.13	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.18	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
09 91 23 00-0086	SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	0.76	
	For Electrostatic Painting, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.13	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.21	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.29	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 23 00-0087	SF 2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.25	
	For Electrostatic Painting, Add	0.20	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.66	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	
09 91 23 00-0088	Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0077)		
	Note: Alkyd enamel paint.		
09 91 23 00-0089	SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work	1.05	
	For Electrostatic Painting, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.34	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.47	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.67	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0090	SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	1.17	
	For Electrostatic Painting, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.39	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.53	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.76	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0091	SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work.....	2.11	
	<i>For Electrostatic Painting, Add</i>	0.27	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.43	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.68	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.94	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.34	
	<i>For >100 To 250, Add</i>	0.64	
	<i>For >250 To 500, Add</i>	0.28	
	<i>For >2,500 To 5,000, Deduct</i>	-0.11	
	<i>For >5,000 To 10,000, Deduct</i>	-0.21	
	<i>For >10,000 To 20,000, Deduct</i>	-0.32	
	<i>For >20,000, Deduct</i>	-0.42	
09 91 23 00-0092	SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work.....	0.85	
	<i>For Electrostatic Painting, Add</i>	0.12	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.49	
	<i>For >100 To 250, Add</i>	0.24	
	<i>For >250 To 500, Add</i>	0.10	
	<i>For >2,500 To 5,000, Deduct</i>	-0.04	
	<i>For >5,000 To 10,000, Deduct</i>	-0.09	
	<i>For >10,000 To 20,000, Deduct</i>	-0.13	
	<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0093	SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work.....	0.97	
	<i>For Electrostatic Painting, Add</i>	0.13	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.40	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.58	
	<i>For >100 To 250, Add</i>	0.28	
	<i>For >250 To 500, Add</i>	0.12	
	<i>For >2,500 To 5,000, Deduct</i>	-0.05	
	<i>For >5,000 To 10,000, Deduct</i>	-0.10	
	<i>For >10,000 To 20,000, Deduct</i>	-0.15	
	<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0094	SF Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work.....	1.80	
	<i>For Electrostatic Painting, Add</i>	0.25	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.53	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.73	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.07	
	<i>For >100 To 250, Add</i>	0.51	
	<i>For >250 To 500, Add</i>	0.22	
	<i>For >2,500 To 5,000, Deduct</i>	-0.09	
	<i>For >5,000 To 10,000, Deduct</i>	-0.18	
	<i>For >10,000 To 20,000, Deduct</i>	-0.27	
	<i>For >20,000, Deduct</i>	-0.36	
09 91 23 00-0095	SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed.....	0.63	
	<i>For Electrostatic Painting, Add</i>	0.10	
	<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	0.10	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.33	
	<i>For >100 To 250, Add</i>	0.16	
	<i>For >250 To 500, Add</i>	0.07	
	<i>For >2,500 To 5,000, Deduct</i>	-0.03	
	<i>For >5,000 To 10,000, Deduct</i>	-0.06	
	<i>For >10,000 To 20,000, Deduct</i>	-0.09	
	<i>For >20,000, Deduct</i>	-0.13	

09 91 23 00-0096	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed	0.76
		<i>For Electrostatic Painting, Add</i>	0.11
		<i>For Work >15' To 20' Above Floor, Add</i>	0.08
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.13
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.21
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.29
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.43
		<i>For >100 To 250, Add</i>	0.21
		<i>For >250 To 500, Add</i>	0.09
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.08
		<i>For >10,000 To 20,000, Deduct</i>	-0.11
		<i>For >20,000, Deduct</i>	-0.15
09 91 23 00-0097	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed	1.25
		<i>For Electrostatic Painting, Add</i>	0.20
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.31
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.43
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.66
		<i>For >100 To 250, Add</i>	0.32
		<i>For >250 To 500, Add</i>	0.14
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 20,000, Deduct</i>	-0.19
		<i>For >20,000, Deduct</i>	-0.25
09 91 23 00-0098		Paint Interior Corrugated Metal Walls (09 91 23 00-0077)	
09 91 23 00-0099	SF	Paint Interior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.70
		<i>For Electrostatic Painting, Add</i>	0.11
		<i>For Work >15' To 20' Above Floor, Add</i>	0.06
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.17
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.24
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.36
		<i>For >100 To 250, Add</i>	0.18
		<i>For >250 To 500, Add</i>	0.08
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 20,000, Deduct</i>	-0.11
		<i>For >20,000, Deduct</i>	-0.14
09 91 23 00-0100	SF	Paint Interior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.96
		<i>For Electrostatic Painting, Add</i>	0.14
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.28
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.38
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.56
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.19
09 91 23 00-0101	SF	Paint Interior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.59
		<i>For Electrostatic Painting, Add</i>	0.24
		<i>For Work >15' To 20' Above Floor, Add</i>	0.16
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.26
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.42
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	0.57
		<i>Note: Applied only to work area above 40'.</i>	
		<i>For Up To 100, Add</i>	0.86
		<i>For >100 To 250, Add</i>	0.42
		<i>For >250 To 500, Add</i>	0.18
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.16
		<i>For >10,000 To 20,000, Deduct</i>	-0.24
		<i>For >20,000, Deduct</i>	-0.32
09 91 23 00-0102		Paint Interior Stucco Walls (09 91 23 00-0001)	

09 Finishes

09 90 Painting And Coating

09 91 Painting



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0103	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush Work.....	1.46	
		For Oil Based Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.20	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.33	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.53	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.73	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.02	
		For >100 To 250, Add	0.48	
		For >250 To 500, Add	0.21	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.29	
09 91 23 00-0104	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush Work.....	1.60	
		For Oil Based Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.22	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.36	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.58	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.80	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.11	
		For >100 To 250, Add	0.52	
		For >250 To 500, Add	0.23	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.16	
		For >10,000 To 20,000, Deduct	-0.24	
		For >20,000, Deduct	-0.32	
09 91 23 00-0105	SF	Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush Work.....	2.82	
		For Oil Based Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.38	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.63	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.01	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.39	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.94	
		For >100 To 250, Add	0.91	
		For >250 To 500, Add	0.39	
		For >2,500 To 5,000, Deduct	-0.14	
		For >5,000 To 10,000, Deduct	-0.28	
		For >10,000 To 20,000, Deduct	-0.42	
		For >20,000, Deduct	-0.56	
09 91 23 00-0106	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush/Roller Work.....	1.09	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.38	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.53	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.74	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.22	
09 91 23 00-0107	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush/Roller Work.....	1.23	
		For Oil Based Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.16	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.27	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.43	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.59	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.83	
		For >100 To 250, Add	0.39	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.25	

Finishes	09
Painting And Coating	09 90
Painting	09 91
TOTAL DIRECT COST	DEMOLITION UNIT COST

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0108 SF Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush/Roller Work.....	2.25	
For Oil Based Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.29	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.49	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.78	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.07	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.51	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.45	
09 91 23 00-0109 SF Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Sprayed.....	0.70	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0110 SF Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Sprayed.....	0.85	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0111 SF Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Sprayed.....	1.67	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.53	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.73	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.04	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 23 00-0112 Paint Interior Wood Walls (09 91 23 00-0001)		
09 91 23 00-0113 Interior Wood Walls (09 91 23 00-0112)		
09 91 23 00-0114 SF 1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.09	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0115	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.99	
		For Oil Based Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.27	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.44	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.71	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.97	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.36	
		For >100 To 250, Add	0.64	
		For >250 To 500, Add	0.28	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.20	
		For >10,000 To 20,000, Deduct	-0.30	
		For >20,000, Deduct	-0.40	
09 91 23 00-0116	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.81	
		For Oil Based Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.37	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.62	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.00	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.37	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.92	
		For >100 To 250, Add	0.90	
		For >250 To 500, Add	0.39	
		For >2,500 To 5,000, Deduct	-0.14	
		For >5,000 To 10,000, Deduct	-0.28	
		For >10,000 To 20,000, Deduct	-0.42	
		For >20,000, Deduct	-0.56	
09 91 23 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.76	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.16	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.26	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.36	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.50	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.15	
09 91 23 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.88	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.19	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.31	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.42	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.59	
		For >100 To 250, Add	0.28	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.18	
09 91 23 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.53	
		For Oil Based Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.20	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.33	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.52	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.72	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.02	
		For >100 To 250, Add	0.48	
		For >250 To 500, Add	0.21	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.23	
		For >20,000, Deduct	-0.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0120	SF 1 Coat Primer, Sprayed, Paint Interior Wood Walls..... For Oil Based Paint, Add For Work >15' To 20' Above Floor, Add Note: Applied only to work area above 15' to 20'. For Work >20' To 30' Above Floor, Add Note: Applied only to work area above 20' to 30'. For Work >30' To 40' Above Floor, Add Note: Applied only to work area above 30' to 40'. For Work >40' Above Floor, Add Note: Applied only to work area above 40'. For Up To 100, Add For >100 To 250, Add For >250 To 500, Add For >2,500 To 5,000, Deduct For >5,000 To 10,000, Deduct For >10,000 To 20,000, Deduct For >20,000, Deduct	0.49 0.03 0.05 0.09 0.14 0.20 0.29 0.14 0.06 -0.02 -0.05 -0.07 -0.10
09 91 23 00-0121	SF 1 Coat Paint, Sprayed, Paint Interior Wood Walls For Oil Based Paint, Add For Work >15' To 20' Above Floor, Add Note: Applied only to work area above 15' to 20'. For Work >20' To 30' Above Floor, Add Note: Applied only to work area above 20' to 30'. For Work >30' To 40' Above Floor, Add Note: Applied only to work area above 30' to 40'. For Work >40' Above Floor, Add Note: Applied only to work area above 40'. For Up To 100, Add For >100 To 250, Add For >250 To 500, Add For >2,500 To 5,000, Deduct For >5,000 To 10,000, Deduct For >10,000 To 20,000, Deduct For >20,000, Deduct	0.62 0.04 0.07 0.12 0.19 0.26 0.38 0.18 0.08 -0.03 -0.06 -0.09 -0.12
09 91 23 00-0122	SF 2 Coats Paint, Sprayed, Paint Interior Wood Walls..... For Oil Based Paint, Add For Work >15' To 20' Above Floor, Add Note: Applied only to work area above 15' to 20'. For Work >20' To 30' Above Floor, Add Note: Applied only to work area above 20' to 30'. For Work >30' To 40' Above Floor, Add Note: Applied only to work area above 30' to 40'. For Work >40' Above Floor, Add Note: Applied only to work area above 40'. For Up To 100, Add For >100 To 250, Add For >250 To 500, Add For >2,500 To 5,000, Deduct For >5,000 To 10,000, Deduct For >10,000 To 20,000, Deduct For >20,000, Deduct	1.13 0.07 0.12 0.21 0.33 0.46 0.67 0.32 0.14 -0.06 -0.11 -0.17 -0.23

09 91 23 00-0123 Paint Interior Ceilings (09 91 23)

09 91 23 00-0124 Paint Interior Acoustical Ceilings (09 91 23 00-0123)

Note: Includes grid.

09 91 23 00-0125	SF 1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling..... For Oil Based Paint, Add For Work >15' To 20' Above Floor, Add Note: Applied only to work area above 15' to 20'. For Work >20' To 30' Above Floor, Add Note: Applied only to work area above 20' to 30'. For Work >30' To 40' Above Floor, Add Note: Applied only to work area above 30' to 40'. For Work >40' Above Floor, Add Note: Applied only to work area above 40'. For Up To 100, Add For >100 To 250, Add For >250 To 500, Add For >2,500 To 5,000, Deduct For >5,000 To 10,000, Deduct For >10,000 To 20,000, Deduct For >20,000, Deduct	0.96 0.05 0.13 0.21 0.34 0.47 0.65 0.31 0.13 -0.05 -0.10 -0.14 -0.19
09 91 23 00-0126	SF 1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling..... For Oil Based Paint, Add For Work >15' To 20' Above Floor, Add Note: Applied only to work area above 15' to 20'. For Work >20' To 30' Above Floor, Add Note: Applied only to work area above 20' to 30'. For Work >30' To 40' Above Floor, Add Note: Applied only to work area above 30' to 40'. For Work >40' Above Floor, Add Note: Applied only to work area above 40'. For Up To 100, Add For >100 To 250, Add For >250 To 500, Add For >2,500 To 5,000, Deduct For >5,000 To 10,000, Deduct For >10,000 To 20,000, Deduct For >20,000, Deduct	1.06 0.06 0.15 0.24 0.39 0.53 0.74 0.35 0.15 -0.05 -0.11 -0.16 -0.21

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0127	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	1.87	
		For Oil Based Paint, Add	0.10	
		For Work >15' To 20' Above Floor, Add	0.26	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.43	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.68	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.94	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.30	
		For >100 To 250, Add	0.61	
		For >250 To 500, Add	0.26	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.19	
		For >10,000 To 20,000, Deduct	-0.28	
		For >20,000, Deduct	-0.37	
09 91 23 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.82	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.39	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.55	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	0.82	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.29	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.40	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.56	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.50	
		For Oil Based Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.20	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.33	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.53	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.73	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.02	
		For >100 To 250, Add	0.48	
		For >250 To 500, Add	0.21	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.23	
		For >20,000, Deduct	-0.30	
09 91 23 00-0131	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling.....	0.64	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.13	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.20	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.28	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.40	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.13	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
09 91 23 00-0132	SF 1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling		0.63		
	<i>For Oil Based Paint, Add</i>		0.04		
	<i>For Work >15' To 20' Above Floor, Add</i>		0.08		
	<i>Note: Applied only to work area above 15' to 20'.</i>				
	<i>For Work >20' To 30' Above Floor, Add</i>		0.13		
	<i>Note: Applied only to work area above 20' to 30'.</i>				
	<i>For Work >30' To 40' Above Floor, Add</i>		0.21		
	<i>Note: Applied only to work area above 30' to 40'.</i>				
	<i>For Work >40' Above Floor, Add</i>		0.29		
	<i>Note: Applied only to work area above 40'.</i>				
	<i>For Up To 100, Add</i>		0.41		
	<i>For >100 To 250, Add</i>		0.19		
	<i>For >250 To 500, Add</i>		0.08		
	<i>For >2,500 To 5,000, Deduct</i>		-0.03		
	<i>For >5,000 To 10,000, Deduct</i>		-0.06		
	<i>For >10,000 To 20,000, Deduct</i>		-0.09		
	<i>For >20,000, Deduct</i>		-0.13		
09 91 23 00-0133	SF 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling		1.01		
	<i>For Oil Based Paint, Add</i>		0.06		
	<i>For Work >15' To 20' Above Floor, Add</i>		0.12		
	<i>Note: Applied only to work area above 15' to 20'.</i>				
	<i>For Work >20' To 30' Above Floor, Add</i>		0.20		
	<i>Note: Applied only to work area above 20' to 30'.</i>				
	<i>For Work >30' To 40' Above Floor, Add</i>		0.32		
	<i>Note: Applied only to work area above 30' to 40'.</i>				
	<i>For Work >40' Above Floor, Add</i>		0.43		
	<i>Note: Applied only to work area above 40'.</i>				
	<i>For Up To 100, Add</i>		0.63		
	<i>For >100 To 250, Add</i>		0.30		
	<i>For >250 To 500, Add</i>		0.13		
	<i>For >2,500 To 5,000, Deduct</i>		-0.05		
	<i>For >5,000 To 10,000, Deduct</i>		-0.10		
	<i>For >10,000 To 20,000, Deduct</i>		-0.15		
	<i>For >20,000, Deduct</i>		-0.20		
09 91 23 00-0134 Paint Interior Concrete Ceilings (09 91 23 00-0123)					
09 91 23 00-0135	SF 1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling		0.96		
	<i>For Oil Based Paint, Add</i>		0.05		
	<i>For Epoxy Paint, Add</i>		0.08		
	<i>For Work >15' To 20' Above Floor, Add</i>		0.13		
	<i>Note: Applied only to work area above 15' to 20'.</i>				
	<i>For Work >20' To 30' Above Floor, Add</i>		0.21		
	<i>Note: Applied only to work area above 20' to 30'.</i>				
	<i>For Work >30' To 40' Above Floor, Add</i>		0.34		
	<i>Note: Applied only to work area above 30' to 40'.</i>				
	<i>For Work >40' Above Floor, Add</i>		0.47		
	<i>Note: Applied only to work area above 40'.</i>				
	<i>For Up To 100, Add</i>		0.65		
	<i>For >100 To 250, Add</i>		0.31		
	<i>For >250 To 500, Add</i>		0.13		
	<i>For >2,500 To 5,000, Deduct</i>		-0.05		
	<i>For >5,000 To 10,000, Deduct</i>		-0.10		
	<i>For >10,000 To 20,000, Deduct</i>		-0.14		
	<i>For >20,000, Deduct</i>		-0.19		
09 91 23 00-0136	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling		1.06		
	<i>For Oil Based Paint, Add</i>		0.06		
	<i>For Epoxy Paint, Add</i>		0.08		
	<i>For Work >15' To 20' Above Floor, Add</i>		0.15		
	<i>Note: Applied only to work area above 15' to 20'.</i>				
	<i>For Work >20' To 30' Above Floor, Add</i>		0.24		
	<i>Note: Applied only to work area above 20' to 30'.</i>				
	<i>For Work >30' To 40' Above Floor, Add</i>		0.39		
	<i>Note: Applied only to work area above 30' to 40'.</i>				
	<i>For Work >40' Above Floor, Add</i>		0.53		
	<i>Note: Applied only to work area above 40'.</i>				
	<i>For Up To 100, Add</i>		0.74		
	<i>For >100 To 250, Add</i>		0.35		
	<i>For >250 To 500, Add</i>		0.15		
	<i>For >2,500 To 5,000, Deduct</i>		-0.05		
	<i>For >5,000 To 10,000, Deduct</i>		-0.11		
	<i>For >10,000 To 20,000, Deduct</i>		-0.16		
	<i>For >20,000, Deduct</i>		-0.21		
09 91 23 00-0137	SF 2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling		1.87		
	<i>For Oil Based Paint, Add</i>		0.10		
	<i>For Epoxy Paint, Add</i>		0.14		
	<i>For Work >15' To 20' Above Floor, Add</i>		0.26		
	<i>Note: Applied only to work area above 15' to 20'.</i>				
	<i>For Work >20' To 30' Above Floor, Add</i>		0.43		
	<i>Note: Applied only to work area above 20' to 30'.</i>				
	<i>For Work >30' To 40' Above Floor, Add</i>		0.68		
	<i>Note: Applied only to work area above 30' to 40'.</i>				
	<i>For Work >40' Above Floor, Add</i>		0.94		
	<i>Note: Applied only to work area above 40'.</i>				
	<i>For Up To 100, Add</i>		1.30		
	<i>For >100 To 250, Add</i>		0.61		
	<i>For >250 To 500, Add</i>		0.26		
	<i>For >2,500 To 5,000, Deduct</i>		-0.09		
	<i>For >5,000 To 10,000, Deduct</i>		-0.19		
	<i>For >10,000 To 20,000, Deduct</i>		-0.28		
	<i>For >20,000, Deduct</i>		-0.37		

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

09 91 23 00-0138	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.72
		For Oil Based Paint, Add	0.04
		For Epoxy Paint, Add	0.07
		For Work >15' To 20' Above Floor, Add	0.09
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.15
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.24
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.34
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.47
		For >100 To 250, Add	0.22
		For >250 To 500, Add	0.10
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000 To 20,000, Deduct	-0.11
		For >20,000, Deduct	-0.14
09 91 23 00-0139	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.82
		For Oil Based Paint, Add	0.05
		For Epoxy Paint, Add	0.07
		For Work >15' To 20' Above Floor, Add	0.11
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.18
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.29
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.40
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.56
		For >100 To 250, Add	0.26
		For >250 To 500, Add	0.11
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.08
		For >10,000 To 20,000, Deduct	-0.12
		For >20,000, Deduct	-0.16
09 91 23 00-0140	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	1.50
		For Oil Based Paint, Add	0.08
		For Epoxy Paint, Add	0.13
		For Work >15' To 20' Above Floor, Add	0.20
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.33
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.53
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.73
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.02
		For >100 To 250, Add	0.48
		For >250 To 500, Add	0.21
		For >2,500 To 5,000, Deduct	-0.08
		For >5,000 To 10,000, Deduct	-0.15
		For >10,000 To 20,000, Deduct	-0.23
		For >20,000, Deduct	-0.30
09 91 23 00-0141	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling.....	0.61
		For Oil Based Paint, Add	0.04
		For Epoxy Paint, Add	0.07
		For Work >15' To 20' Above Floor, Add	0.07
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.12
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.19
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.26
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.38
		For >100 To 250, Add	0.18
		For >250 To 500, Add	0.08
		For >2,500 To 5,000, Deduct	-0.03
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000 To 20,000, Deduct	-0.09
		For >20,000, Deduct	-0.12
09 91 23 00-0142	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling.....	0.63
		For Oil Based Paint, Add	0.04
		For Epoxy Paint, Add	0.06
		For Work >15' To 20' Above Floor, Add	0.08
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.13
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.21
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.29
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.41
		For >100 To 250, Add	0.19
		For >250 To 500, Add	0.08
		For >2,500 To 5,000, Deduct	-0.03
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000 To 20,000, Deduct	-0.09
		For >20,000, Deduct	-0.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0143	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling		1.00	
		For Oil Based Paint, Add		0.06	
		For Epoxy Paint, Add		0.12	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.20	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.31	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.43	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.62	
		For >100 To 250, Add		0.30	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.15	
		For >20,000, Deduct		-0.20	
09 91 23 00-0144	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling		0.98	
		For Work >15' To 20' Above Floor, Add		0.13	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.21	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.34	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.47	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.66	
		For >100 To 250, Add		0.31	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.15	
		For >20,000, Deduct		-0.20	
09 91 23 00-0145	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling		0.74	
		For Work >15' To 20' Above Floor, Add		0.09	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.15	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.24	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.34	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.48	
		For >100 To 250, Add		0.23	
		For >250 To 500, Add		0.10	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.07	
		For >10,000 To 20,000, Deduct		-0.11	
		For >20,000, Deduct		-0.15	
09 91 23 00-0146	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling.....		0.63	
		For Work >15' To 20' Above Floor, Add		0.07	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.12	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.19	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.26	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.38	
		For >100 To 250, Add		0.18	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.13	

09 91 23 00-0147 Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0123)

09 91 23 00-0148	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling.....		0.96	
		For Epoxy Paint, Add		0.08	
		For Oil Based Paint, Add		0.05	
		For Orange Peel Finish, Add		0.14	
		For Work >15' To 20' Above Floor, Add		0.13	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.21	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.34	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.47	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.65	
		For >100 To 250, Add		0.31	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.14	
		For >20,000, Deduct		-0.19	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0149	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling.....	1.06	
		For Epoxy Paint, Add	0.08	
		For Oil Based Paint, Add	0.06	
		For Orange Peel Finish, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.39	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.53	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.74	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.21	
09 91 23 00-0150	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling.....	1.87	
		For Epoxy Paint, Add	0.14	
		For Oil Based Paint, Add	0.10	
		For Orange Peel Finish, Add	0.27	
		For Work >15' To 20' Above Floor, Add	0.26	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.43	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.68	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.94	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.30	
		For >100 To 250, Add	0.61	
		For >250 To 500, Add	0.26	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.19	
		For >10,000 To 20,000, Deduct	-0.28	
		For >20,000, Deduct	-0.37	
09 91 23 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....	0.82	
		For Epoxy Paint, Add	0.07	
		For Oil Based Paint, Add	0.05	
		For Orange Peel Finish, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.39	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.55	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....	0.82	
		For Epoxy Paint, Add	0.07	
		For Oil Based Paint, Add	0.05	
		For Orange Peel Finish, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.29	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.40	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.56	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0153	SF	2 Coats Paints, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling		1.50	
		For Epoxy Paint, Add		0.13	
		For Oil Based Paint, Add		0.08	
		For Orange Peel Finish, Add		0.21	
		For Work >15' To 20' Above Floor, Add		0.20	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.33	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.53	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.73	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.02	
		For >100 To 250, Add		0.48	
		For >250 To 500, Add		0.21	
		For >2,500 To 5,000, Deduct		-0.08	
		For >5,000 To 10,000, Deduct		-0.15	
		For >10,000 To 20,000, Deduct		-0.23	
		For >20,000, Deduct		-0.30	
09 91 23 00-0154	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling		0.64	
		For Epoxy Paint, Add		0.07	
		For Oil Based Paint, Add		0.04	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.20	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.28	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.40	
		For >100 To 250, Add		0.19	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.10	
		For >20,000, Deduct		-0.13	
09 91 23 00-0155	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling.....		0.63	
		For Epoxy Paint, Add		0.06	
		For Oil Based Paint, Add		0.04	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.21	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.29	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.41	
		For >100 To 250, Add		0.19	
		For >250 To 500, Add		0.08	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.06	
		For >10,000 To 20,000, Deduct		-0.09	
		For >20,000, Deduct		-0.13	
09 91 23 00-0156	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling.....		1.01	
		For Epoxy Paint, Add		0.12	
		For Oil Based Paint, Add		0.06	
		For Work >15' To 20' Above Floor, Add		0.12	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.20	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.32	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.43	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.63	
		For >100 To 250, Add		0.30	
		For >250 To 500, Add		0.13	
		For >2,500 To 5,000, Deduct		-0.05	
		For >5,000 To 10,000, Deduct		-0.10	
		For >10,000 To 20,000, Deduct		-0.15	
		For >20,000, Deduct		-0.20	

09 91 23 00-0157 Paint Interior Metal Ceilings (09 91 23 00-0123)

09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer (09 91 23 00-0157)
 Note: Linseed oil or acrylic latex paint.

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0159	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush Work.....	1.17	
		For Electrostatic Painting, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.39	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.53	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.76	
		For >100 To 250, Add	0.36	
		For >250 To 500, Add	0.16	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.23	
09 91 23 00-0160	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush Work.....	1.29	
		For Electrostatic Painting, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.16	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.27	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.60	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.85	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.26	
09 91 23 00-0161	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush Work.....	2.35	
		For Electrostatic Painting, Add	0.30	
		For Work >15' To 20' Above Floor, Add	0.29	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.49	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.78	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.07	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.52	
		For >100 To 250, Add	0.72	
		For >250 To 500, Add	0.31	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.24	
		For >10,000 To 20,000, Deduct	-0.35	
		For >20,000, Deduct	-0.47	
09 91 23 00-0162	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.90	
		For Electrostatic Painting, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.29	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.40	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.57	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.18	
09 91 23 00-0163	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work.....	1.02	
		For Electrostatic Painting, Add	0.13	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.47	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.66	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0164	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work		1.88	
		For Electrostatic Painting, Add		0.24	
		For Work >15' To 20' Above Floor, Add		0.23	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.39	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.62	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.85	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		1.21	
		For >100 To 250, Add		0.57	
		For >250 To 500, Add		0.25	
		For >2,500 To 5,000, Deduct		-0.09	
		For >5,000 To 10,000, Deduct		-0.19	
		For >10,000 To 20,000, Deduct		-0.28	
		For >20,000, Deduct		-0.38	
09 91 23 00-0165	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Sprayed		0.76	
		For Electrostatic Painting, Add		0.11	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.21	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.29	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.43	
		For >100 To 250, Add		0.21	
		For >250 To 500, Add		0.09	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.08	
		For >10,000 To 20,000, Deduct		-0.11	
		For >20,000, Deduct		-0.15	
09 91 23 00-0166	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Sprayed.....		0.89	
		For Electrostatic Painting, Add		0.13	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.16	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.26	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.36	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.52	
		For >100 To 250, Add		0.25	
		For >250 To 500, Add		0.11	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.13	
		For >20,000, Deduct		-0.18	
09 91 23 00-0167	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Sprayed.....		1.38	
		For Electrostatic Painting, Add		0.21	
		For Work >15' To 20' Above Floor, Add		0.14	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.23	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.36	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.50	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.75	
		For >100 To 250, Add		0.37	
		For >250 To 500, Add		0.16	
		For >2,500 To 5,000, Deduct		-0.07	
		For >5,000 To 10,000, Deduct		-0.14	
		For >10,000 To 20,000, Deduct		-0.21	
		For >20,000, Deduct		-0.28	

09 91 23 00-0168 Aluminum And Aluminum Alloy Surface Pretreatment Primer (09 91 23 00-0157)

09 91 23 00-0169	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work		1.17	
		Note: Alkyd enamel paint.			
		For Electrostatic Painting, Add		0.15	
		For Work >15' To 20' Above Floor, Add		0.15	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.24	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.39	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.53	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.76	
		For >100 To 250, Add		0.36	
		For >250 To 500, Add		0.16	
		For >2,500 To 5,000, Deduct		-0.06	
		For >5,000 To 10,000, Deduct		-0.12	
		For >10,000 To 20,000, Deduct		-0.18	
		For >20,000, Deduct		-0.23	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0170	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.29	
		For Electrostatic Painting, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.16	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.27	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.60	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.85	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.26	
09 91 23 00-0171	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	2.35	
		For Electrostatic Painting, Add	0.30	
		For Work >15' To 20' Above Floor, Add	0.29	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.49	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.78	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.07	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.52	
		For >100 To 250, Add	0.72	
		For >250 To 500, Add	0.31	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.24	
		For >10,000 To 20,000, Deduct	-0.35	
		For >20,000, Deduct	-0.47	
09 91 23 00-0172	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.97	
		For Electrostatic Painting, Add	0.13	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.29	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.40	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.58	
		For >100 To 250, Add	0.28	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.19	
09 91 23 00-0173	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	1.09	
		For Electrostatic Painting, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.47	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.67	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.22	
09 91 23 00-0174	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	2.04	
		For Electrostatic Painting, Add	0.27	
		For Work >15' To 20' Above Floor, Add	0.24	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.39	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.63	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.86	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.25	
		For >100 To 250, Add	0.60	
		For >250 To 500, Add	0.26	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.20	
		For >10,000 To 20,000, Deduct	-0.31	
		For >20,000, Deduct	-0.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0175	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed.....		0.76	
		For Electrostatic Painting, Add		0.11	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.21	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.29	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.43	
		For >100 To 250, Add		0.21	
		For >250 To 500, Add		0.09	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.08	
		For >10,000 To 20,000, Deduct		-0.11	
		For >20,000, Deduct		-0.15	
09 91 23 00-0176	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed.....		0.89	
		For Electrostatic Painting, Add		0.13	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.16	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.26	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.36	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.52	
		For >100 To 250, Add		0.25	
		For >250 To 500, Add		0.11	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.09	
		For >10,000 To 20,000, Deduct		-0.13	
		For >20,000, Deduct		-0.18	
09 91 23 00-0177	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed.....		1.38	
		For Electrostatic Painting, Add		0.21	
		For Work >15' To 20' Above Floor, Add		0.14	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.23	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.36	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.50	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.75	
		For >100 To 250, Add		0.37	
		For >250 To 500, Add		0.16	
		For >2,500 To 5,000, Deduct		-0.07	
		For >5,000 To 10,000, Deduct		-0.14	
		For >10,000 To 20,000, Deduct		-0.21	
		For >20,000, Deduct		-0.28	
09 91 23 00-0178 Paint Interior Ceiling Tile Grid <small>(09 91 23 00-0157)</small>					
		Note: Grid only.			
09 91 23 00-0179	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work		0.26	
		For Electrostatic Painting, Add		0.03	
		For Work >15' To 20' Above Floor, Add		0.03	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.06	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.09	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.13	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.18	
		For >100 To 250, Add		0.08	
		For >250 To 500, Add		0.04	
		For >2,500 To 5,000, Deduct		-0.01	
		For >5,000 To 10,000, Deduct		-0.03	
		For >10,000 To 20,000, Deduct		-0.04	
		For >20,000, Deduct		-0.05	
09 91 23 00-0180	LF	Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller Work.....		0.51	
		For Electrostatic Painting, Add		0.06	
		For Work >15' To 20' Above Floor, Add		0.07	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.11	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.18	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.25	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.35	
		For >100 To 250, Add		0.16	
		For >250 To 500, Add		0.07	
		For >2,500 To 5,000, Deduct		-0.03	
		For >5,000 To 10,000, Deduct		-0.05	
		For >10,000 To 20,000, Deduct		-0.08	
		For >20,000, Deduct		-0.10	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0181		Paint Interior Corrugated Metal Ceilings (09 91 23 00-0157)	1.00
09 91 23 00-0182	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed.....	1.00
		For Electrostatic Painting, Add	0.15
		For Work >15' To 20' Above Floor, Add	0.10
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.17
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.28
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.38
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.56
		For >100 To 250, Add	0.27
		For >250 To 500, Add	0.12
		For >2,500 To 5,000, Deduct	-0.05
		For >5,000 To 10,000, Deduct	-0.10
		For >10,000 To 20,000, Deduct	-0.15
		For >20,000, Deduct	-0.20
09 91 23 00-0183	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed.....	1.17
		For Electrostatic Painting, Add	0.16
		For Work >15' To 20' Above Floor, Add	0.13
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.22
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.34
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.47
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.69
		For >100 To 250, Add	0.33
		For >250 To 500, Add	0.14
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.12
		For >10,000 To 20,000, Deduct	-0.18
		For >20,000, Deduct	-0.23
09 91 23 00-0184	SF	Paint Interior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed.....	1.85
		For Electrostatic Painting, Add	0.28
		For Work >15' To 20' Above Floor, Add	0.18
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.31
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.49
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.67
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.01
		For >100 To 250, Add	0.49
		For >250 To 500, Add	0.21
		For >2,500 To 5,000, Deduct	-0.09
		For >5,000 To 10,000, Deduct	-0.19
		For >10,000 To 20,000, Deduct	-0.28
		For >20,000, Deduct	-0.37
09 91 23 00-0185		Paint Interior Wood Ceilings (09 91 23 00-0123)	
09 91 23 00-0186		Paint Interior Smooth Wood Ceilings (09 91 23 00-0185)	
09 91 23 00-0187	SF	Paint Interior Wood Smooth Ceiling, 1 Coat Primer, Brush Work.....	1.16
		For Oil Based Paint, Add	0.07
		For Work >15' To 20' Above Floor, Add	0.15
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.25
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.40
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.56
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.78
		For >100 To 250, Add	0.37
		For >250 To 500, Add	0.16
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.12
		For >10,000 To 20,000, Deduct	-0.17
		For >20,000, Deduct	-0.23
09 91 23 00-0188	SF	Paint Interior Wood Smooth Ceiling, 1 Coat Paint, Brush Work.....	1.22
		For Oil Based Paint, Add	0.07
		For Work >15' To 20' Above Floor, Add	0.16
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.27
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.44
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.60
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.84
		For >100 To 250, Add	0.39
		For >250 To 500, Add	0.17
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.12
		For >10,000 To 20,000, Deduct	-0.18
		For >20,000, Deduct	-0.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0189	SF Paint Interior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	2.20
	For Oil Based Paint, Add	0.12
	For Work >15' To 20' Above Floor, Add	0.29
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.49
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.78
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	1.07
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.49
	For >100 To 250, Add	0.71
	For >250 To 500, Add	0.30
	For >2,500 To 5,000, Deduct	-0.11
	For >5,000 To 10,000, Deduct	-0.22
	For >10,000 To 20,000, Deduct	-0.33
	For >20,000, Deduct	-0.44
09 91 23 00-0190	SF Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.90
	For Oil Based Paint, Add	0.05
	For Work >15' To 20' Above Floor, Add	0.11
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.18
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.29
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.40
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.57
	For >100 To 250, Add	0.27
	For >250 To 500, Add	0.12
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.09
	For >10,000 To 20,000, Deduct	-0.14
	For >20,000, Deduct	-0.18
09 91 23 00-0191	SF Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	1.00
	For Oil Based Paint, Add	0.06
	For Work >15' To 20' Above Floor, Add	0.13
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.21
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.34
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.47
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.66
	For >100 To 250, Add	0.31
	For >250 To 500, Add	0.14
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.10
	For >10,000 To 20,000, Deduct	-0.15
	For >20,000, Deduct	-0.20
09 91 23 00-0192	SF Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.87
	For Oil Based Paint, Add	0.11
	For Work >15' To 20' Above Floor, Add	0.24
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.39
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.63
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.86
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.22
	For >100 To 250, Add	0.58
	For >250 To 500, Add	0.25
	For >2,500 To 5,000, Deduct	-0.09
	For >5,000 To 10,000, Deduct	-0.19
	For >10,000 To 20,000, Deduct	-0.28
	For >20,000, Deduct	-0.37
09 91 23 00-0193	SF Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Sprayed.....	0.65
	For Oil Based Paint, Add	0.04
	For Work >15' To 20' Above Floor, Add	0.08
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.13
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.21
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.29
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.41
	For >100 To 250, Add	0.20
	For >250 To 500, Add	0.08
	For >2,500 To 5,000, Deduct	-0.03
	For >5,000 To 10,000, Deduct	-0.07
	For >10,000 To 20,000, Deduct	-0.10
	For >20,000, Deduct	-0.13

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0194	SF Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.79	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0195	SF Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Sprayed.....	1.17	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.50	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.72	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.23	
09 91 23 00-0196	Paint Interior Wood Beams (09 91 23 00-0123)		
09 91 23 00-0197	SF Paint Interior Wood Beams, 1 Coat Primer, Brush Work.....	1.28	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.17	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.28	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.45	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.62	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.87	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
09 91 23 00-0198	SF Paint Interior Wood Beams, 1 Coat Paint, Brush Work.....	1.33	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.48	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.66	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.92	
	For >100 To 250, Add	0.43	
	For >250 To 500, Add	0.19	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 23 00-0199	SF Paint Interior Wood Beams, 2 Coats Paint, Brush Work.....	2.42	
	For Oil Based Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.32	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.54	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.86	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.19	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.66	
	For >100 To 250, Add	0.78	
	For >250 To 500, Add	0.34	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.36	
	For >20,000, Deduct	-0.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0200	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work.....	1.01	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.46	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.66	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 23 00-0201	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush/Roller Work	1.00	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.21	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.47	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.66	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 23 00-0202	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work.....	1.87	
		For Oil Based Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.24	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.39	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.63	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.86	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.22	
		For >100 To 250, Add	0.58	
		For >250 To 500, Add	0.25	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.19	
		For >10,000 To 20,000, Deduct	-0.28	
		For >20,000, Deduct	-0.37	
09 91 23 00-0203	SF	Paint Interior Wood Beams, 1 Coat Primer, Sprayed.....	0.79	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.26	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.36	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0204	SF	Paint Interior Wood Beams, 1 Coat Paint, Sprayed.....	0.78	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.16	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.26	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.36	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0205	SF Paint Interior Wood Beams, 2 Coats Paint, Sprayed		1.29
	For Oil Based Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.41	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.57	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.81	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
09 91 23 00-0206	Paint Interior Floors And Decks (09 91 23)		
09 91 23 00-0207	Paint Interior Concrete Floors And Decks (09 91 23 00-0206)		
09 91 23 00-0208	SF 1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks		0.72
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.07	
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 23 00-0209	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks.....		0.82
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.07	
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0210	SF 2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks.....		1.59
	For Oil Based Paint, Add	0.09	
	For Epoxy Paint, Add	0.13	
	For Up To 100, Add	1.09	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 23 00-0211	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....		0.71
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.07	
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 23 00-0212	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks		0.70
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 23 00-0213	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks		1.12
	For Oil Based Paint, Add	0.06	
	For Epoxy Paint, Add	0.11	
	For Up To 100, Add	0.74	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.22	
09 91 23 00-0214	SF 1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks.....		0.49
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0215	SF	1	Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.50	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Epoxy Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.31	
			<i>For >100 To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000 To 20,000, Deduct</i>	-0.08	
			<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0216	SF	2	Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.88	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.53	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0217	SF	1	Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks.....	0.74	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.11	
			<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0218	SF	1	Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.73	
			<i>For Up To 100, Add</i>	0.47	
			<i>For >100 To 250, Add</i>	0.22	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.11	
			<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0219	SF	1	Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.51	
			<i>For Up To 100, Add</i>	0.29	
			<i>For >100 To 250, Add</i>	0.14	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000 To 20,000, Deduct</i>	-0.08	
			<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0220	SF	1	Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	1.65	
			<i>For Up To 100, Add</i>	0.69	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.17	
			<i>For >10,000 To 20,000, Deduct</i>	-0.25	
			<i>For >20,000, Deduct</i>	-0.33	
09 91 23 00-0221	SF	1	Coat Non Slip Epoxy Coating, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251).....	4.17	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 250, Add</i>	0.60	
			<i>For >250 To 500, Add</i>	0.28	
			<i>For >2,500 To 5,000, Deduct</i>	-0.21	
			<i>For >5,000 To 10,000, Deduct</i>	-0.42	
			<i>For >10,000 To 20,000, Deduct</i>	-0.63	
			<i>For >20,000, Deduct</i>	-0.83	
09 91 23 00-0222			Paint Interior Wood Floors And Decks (09 91 23 00-0206)		
09 91 23 00-0223	SF	1	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush Work.....	0.88	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0224	SF	1	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.98	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.66	
			<i>For >100 To 250, Add</i>	0.31	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.15	
			<i>For >20,000, Deduct</i>	-0.20	
09 91 23 00-0225	SF	1	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	1.84	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Up To 100, Add</i>	1.22	
			<i>For >100 To 250, Add</i>	0.58	
			<i>For >250 To 500, Add</i>	0.25	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.18	
			<i>For >10,000 To 20,000, Deduct</i>	-0.28	
			<i>For >20,000, Deduct</i>	-0.37	

09 Finishes
09 90 Painting And Coating
09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0226	SF		Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.68	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.41	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.14	
09 91 23 00-0227	SF		Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.76	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.11	
			<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0228	SF		Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work.....	1.50	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.95	
			<i>For >100 To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.20	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.15	
			<i>For >10,000 To 20,000, Deduct</i>	-0.23	
			<i>For >20,000, Deduct</i>	-0.30	
09 91 23 00-0229	SF		Paint Interior Wood Floors And Decks, 1 Coat Primer, Sprayed.....	0.52	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.31	
			<i>For >100 To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.07	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000 To 20,000, Deduct</i>	-0.08	
			<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0230	SF		Paint Interior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.65	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.41	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.13	
09 91 23 00-0231	SF		Paint Interior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.93	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.54	
			<i>For >100 To 250, Add</i>	0.26	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0232	SF		Paint Interior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.65	
			<i>For Up To 100, Add</i>	0.69	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.17	
			<i>For >10,000 To 20,000, Deduct</i>	-0.25	
			<i>For >20,000, Deduct</i>	-0.33	
09 91 23 00-0233	SF		Paint Interior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work.....	4.17	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 250, Add</i>	0.60	
			<i>For >250 To 500, Add</i>	0.28	
			<i>For >2,500 To 5,000, Deduct</i>	-0.21	
			<i>For >5,000 To 10,000, Deduct</i>	-0.42	
			<i>For >10,000 To 20,000, Deduct</i>	-0.63	
			<i>For >20,000, Deduct</i>	-0.83	
09 91 23 00-0234			Paint Interior Doors And Windows <small>(09 91 23)</small>		
09 91 23 00-0235			Paint Interior Door Frames <small>(09 91 23 00-0234)</small>		
09 91 23 00-0236	LF		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.13	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.29	
09 91 23 00-0237	LF		1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.47	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.38	
09 91 23 00-0238	LF		2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trime	2.48	
			<i>For Oil Based Paint, Add</i>	0.13	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.64	
09 91 23 00-0239	LF		Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.14	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.30	
09 91 23 00-0240	LF		Paint Interior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.48	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0241	LF 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	2.51	
	For Oil Based Paint, Add	0.13	
	For Painting One Face Of Frame Only, Deduct	-0.65	
09 91 23 00-0242	Paint Interior Metal Doors (09 91 23 00-0234)		
09 91 23 00-0243	EA Paint Interior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work.....	49.18	
	For Electrostatic Painting, Add	7.02	
	For Half Louvered Door, Add	5.27	
	For Full Louvered Door, Add	8.79	
	For Oil Based Paint, Add	3.16	
	For >5 To 10, Deduct	-2.46	
	For >10 To 25, Deduct	-4.92	
	For >25, Deduct	-7.38	
09 91 23 00-0244	EA Paint Interior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work.....	49.18	
	For Electrostatic Painting, Add	7.02	
	For Half Louvered Door, Add	5.27	
	For Full Louvered Door, Add	8.79	
	For Oil Based Paint, Add	3.16	
	For >5 To 10, Deduct	-2.46	
	For >10 To 25, Deduct	-4.92	
	For >25, Deduct	-7.38	
09 91 23 00-0245	EA Paint Interior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work.....	87.26	
	For Electrostatic Painting, Add	12.91	
	For Half Louvered Door, Add	8.91	
	For Full Louvered Door, Add	14.85	
	For Oil Based Paint, Add	5.76	
	For >5 To 10, Deduct	-4.36	
	For >10 To 25, Deduct	-8.73	
	For >25, Deduct	-13.09	
09 91 23 00-0246	EA Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	88.24	
	For Electrostatic Painting, Add	12.60	
	For Half Louvered Door, Add	9.46	
	For Full Louvered Door, Add	15.76	
	For Oil Based Paint, Add	5.67	
	For >5 To 10, Deduct	-4.41	
	For >10 To 25, Deduct	-8.82	
	For >25, Deduct	-13.24	
09 91 23 00-0247	EA Paint Interior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	88.25	
	For Electrostatic Painting, Add	12.61	
	For Half Louvered Door, Add	9.46	
	For Full Louvered Door, Add	15.76	
	For Oil Based Paint, Add	5.67	
	For >5 To 10, Deduct	-4.41	
	For >10 To 25, Deduct	-8.83	
	For >25, Deduct	-13.24	
09 91 23 00-0248	EA Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work	157.07	
	For Electrostatic Painting, Add	23.27	
	For Half Louvered Door, Add	16.00	
	For Full Louvered Door, Add	26.67	
	For Oil Based Paint, Add	10.37	
	For >5 To 10, Deduct	-7.85	
	For >10 To 25, Deduct	-15.71	
	For >25, Deduct	-23.56	
09 91 23 00-0249	EA Paint Interior Metal Door, One Face, 1 Coat Primer, Sprayed.....	38.06	
	For Electrostatic Painting, Add	6.12	
	For Half Louvered Door, Add	3.40	
	For Full Louvered Door, Add	5.66	
	For Oil Based Paint, Add	2.67	
	For >5 To 10, Deduct	-1.90	
	For >10 To 25, Deduct	-3.81	
	For >25, Deduct	-5.71	
09 91 23 00-0250	EA Paint Interior Metal Door, One Face, 1 Coat Paint, Sprayed.....	38.06	
	For Electrostatic Painting, Add	6.12	
	For Half Louvered Door, Add	3.40	
	For Full Louvered Door, Add	5.66	
	For Oil Based Paint, Add	2.67	
	For >5 To 10, Deduct	-1.90	
	For >10 To 25, Deduct	-3.81	
	For >25, Deduct	-5.71	
09 91 23 00-0251	EA Paint Interior Metal Door, One Face, 2 Coats Paint, Sprayed.....	68.89	
	For Electrostatic Painting, Add	11.49	
	For Half Louvered Door, Add	5.74	
	For Full Louvered Door, Add	9.56	
	For Oil Based Paint, Add	4.98	
	For >5 To 10, Deduct	-3.44	
	For >10 To 25, Deduct	-6.89	
	For >25, Deduct	-10.33	
09 91 23 00-0252	EA Paint Interior Metal Door, Both Faces, 1 Coat Primer, Sprayed.....	68.33	
	For Electrostatic Painting, Add	10.99	
	For Half Louvered Door, Add	6.09	
	For Full Louvered Door, Add	10.15	
	For Oil Based Paint, Add	4.80	
	For >5 To 10, Deduct	-3.42	
	For >10 To 25, Deduct	-6.83	
	For >25, Deduct	-10.25	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0253	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Sprayed.....	68.33	
		For Electrostatic Painting, Add	10.99	
		For Half Louvered Door, Add	6.09	
		For Full Louvered Door, Add	10.15	
		For Oil Based Paint, Add	4.80	
		For >5 To 10, Deduct	-3.42	
		For >10 To 25, Deduct	-6.83	
		For >25, Deduct	-10.25	
09 91 23 00-0254	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Sprayed	124.15	
		For Electrostatic Painting, Add	20.73	
		For Half Louvered Door, Add	10.31	
		For Full Louvered Door, Add	17.18	
		For Oil Based Paint, Add	8.98	
		For >5 To 10, Deduct	-6.21	
		For >10 To 25, Deduct	-12.42	
		For >25, Deduct	-18.62	
09 91 23 00-0255		Paint Interior Wood Doors (09 91 23 00-0234)		
09 91 23 00-0256	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work.....	45.36	
		For Oil Based Paint, Add	2.78	
		For Half Louvered Door, Add	5.27	
		For Full Louvered Door, Add	8.79	
		For >5 To 10, Deduct	-2.27	
		For >10 To 25, Deduct	-4.54	
		For >25, Deduct	-6.80	
09 91 23 00-0257	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	45.36	
		For Oil Based Paint, Add	2.78	
		For Half Louvered Door, Add	5.27	
		For Full Louvered Door, Add	8.79	
		For >5 To 10, Deduct	-2.27	
		For >10 To 25, Deduct	-4.54	
		For >25, Deduct	-6.80	
09 91 23 00-0258	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	79.66	
		For Oil Based Paint, Add	5.00	
		For Half Louvered Door, Add	8.91	
		For Full Louvered Door, Add	14.85	
		For >5 To 10, Deduct	-3.98	
		For >10 To 25, Deduct	-7.97	
		For >25, Deduct	-11.95	
09 91 23 00-0259	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	81.38	
		For Oil Based Paint, Add	4.99	
		For Half Louvered Door, Add	9.46	
		For Full Louvered Door, Add	15.76	
		For >5 To 10, Deduct	-4.07	
		For >10 To 25, Deduct	-8.14	
		For >25, Deduct	-12.21	
09 91 23 00-0260	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	81.38	
		For Oil Based Paint, Add	4.99	
		For Half Louvered Door, Add	9.46	
		For Full Louvered Door, Add	15.76	
		For >5 To 10, Deduct	-4.07	
		For >10 To 25, Deduct	-8.14	
		For >25, Deduct	-12.21	
09 91 23 00-0261	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	143.33	
		For Oil Based Paint, Add	9.00	
		For Half Louvered Door, Add	16.00	
		For Full Louvered Door, Add	26.67	
		For >5 To 10, Deduct	-7.17	
		For >10 To 25, Deduct	-14.33	
		For >25, Deduct	-21.50	
09 91 23 00-0262	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Sprayed	33.86	
		For Oil Based Paint, Add	2.25	
		For Half Louvered Door, Add	3.40	
		For Full Louvered Door, Add	5.66	
		For >5 To 10, Deduct	-1.69	
		For >10 To 25, Deduct	-3.39	
		For >25, Deduct	-5.08	
09 91 23 00-0263	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Sprayed.....	33.86	
		For Oil Based Paint, Add	2.25	
		For Half Louvered Door, Add	3.40	
		For Full Louvered Door, Add	5.66	
		For >5 To 10, Deduct	-1.69	
		For >10 To 25, Deduct	-3.39	
		For >25, Deduct	-5.08	
09 91 23 00-0264	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Sprayed.....	60.56	
		For Oil Based Paint, Add	4.14	
		For Half Louvered Door, Add	5.74	
		For Full Louvered Door, Add	9.57	
		For >5 To 10, Deduct	-3.03	
		For >10 To 25, Deduct	-6.06	
		For >25, Deduct	-9.08	
09 91 23 00-0265	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Sprayed	60.78	
		For Oil Based Paint, Add	4.05	
		For Half Louvered Door, Add	6.09	
		For Full Louvered Door, Add	10.15	
		For >5 To 10, Deduct	-3.04	
		For >10 To 25, Deduct	-6.08	
		For >25, Deduct	-9.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0266	EA Paint Interior Wood Door, Both Faces, 1 Coat Paint, Sprayed	60.78	
	For Oil Based Paint, Add	4.05	
	For Half Louvered Door, Add	6.09	
	For Full Louvered Door, Add	10.15	
	For >5 To 10, Deduct	-3.04	
	For >10 To 25, Deduct	-6.08	
	For >25, Deduct	-9.12	
09 91 23 00-0267	EA Paint Interior Wood Door, Both Faces, 2 Coats Paint, Sprayed.....	109.04	
	For Oil Based Paint, Add	7.47	
	For Half Louvered Door, Add	10.31	
	For Full Louvered Door, Add	17.18	
	For >5 To 10, Deduct	-5.45	
	For >10 To 25, Deduct	-10.90	
	For >25, Deduct	-16.36	

09 91 23 00-0268 Paint Interior Metal Windows (09 91 23 00-0234)
 Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0269	EA Up To 8 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work.....	88.13	
	For Oil Based Paint, Add	4.87	
	For Electrostatic Painting, Add	10.21	
	For >5 To 10, Deduct	-4.41	
	For >10 To 25, Deduct	-8.81	
	For >25, Deduct	-13.22	
09 91 23 00-0270	EA >8 To 14 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	105.33	
	For Oil Based Paint, Add	5.99	
	For Electrostatic Painting, Add	12.69	
	For >5 To 10, Deduct	-5.27	
	For >10 To 25, Deduct	-10.53	
	For >25, Deduct	-15.80	
09 91 23 00-0271	EA >14 To 20 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	141.70	
	For Oil Based Paint, Add	8.11	
	For Electrostatic Painting, Add	17.24	
	For >5 To 10, Deduct	-7.09	
	For >10 To 25, Deduct	-14.17	
	For >25, Deduct	-21.26	
09 91 23 00-0272	EA >20 To 26 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	159.54	
	For Oil Based Paint, Add	9.13	
	For Electrostatic Painting, Add	19.42	
	For >5 To 10, Deduct	-7.98	
	For >10 To 25, Deduct	-15.95	
	For >25, Deduct	-23.93	
09 91 23 00-0273	EA >26 To 34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	176.99	
	For Oil Based Paint, Add	10.12	
	For Electrostatic Painting, Add	21.51	
	For >5 To 10, Deduct	-8.85	
	For >10 To 25, Deduct	-17.70	
	For >25, Deduct	-26.55	
09 91 23 00-0274	SF >34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	5.62	
	For Oil Based Paint, Add	0.32	
	For Electrostatic Painting, Add	0.68	

09 91 23 00-0275 Wood Windows (09 91 23 00-0234)
 Note: Two finish coats paint over primer.

09 91 23 00-0276	EA Up To 8 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	85.59	
	For Oil Based Paint, Add	4.62	
	For >5 To 10, Deduct	-4.28	
	For >10 To 25, Deduct	-8.56	
	For >25, Deduct	-12.84	
09 91 23 00-0277	EA >8 To 14 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work.....	101.40	
	For Oil Based Paint, Add	5.59	
	For >5 To 10, Deduct	-5.07	
	For >10 To 25, Deduct	-10.14	
	For >25, Deduct	-15.21	
09 91 23 00-0278	EA >14 To 20 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	140.70	
	For Oil Based Paint, Add	7.78	
	For >5 To 10, Deduct	-7.04	
	For >10 To 25, Deduct	-14.07	
	For >25, Deduct	-21.11	
09 91 23 00-0279	EA >20 To 26 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	158.38	
	For Oil Based Paint, Add	8.76	
	For >5 To 10, Deduct	-7.92	
	For >10 To 25, Deduct	-15.84	
	For >25, Deduct	-23.76	
09 91 23 00-0280	EA >26 To 34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work.....	170.06	
	For Oil Based Paint, Add	9.43	
	For >5 To 10, Deduct	-8.50	
	For >10 To 25, Deduct	-17.01	
	For >25, Deduct	-25.51	
09 91 23 00-0281	SF >34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	5.70	
	For Oil Based Paint, Add	0.31	

09 91 23 00-0282 Paint Interior Security Screens (09 91 23 00-0234)

09 91 23 00-0283	SF Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work	1.34	
	For Oil Based Paint, Add	0.08	
	For Electrostatic Painting, Add	0.17	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0284 and 09 91 23 00-0285 with descriptions for interior security screen painting and associated adjustments.

09 91 23 00-0286 Paint Interior Window Guards (09 91 23 00-0234)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0287, 09 91 23 00-0288, and 09 91 23 00-0289 for metal window guard painting.

09 91 23 00-0290 Paint Interior Window Trim (09 91 23 00-0234)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0291 through 09 91 23 00-0296 for wood and metal window frame and trim painting.

09 91 23 00-0297 Paint Interior Cabinets And Casework (09 91 23)

09 91 23 00-0298 Paint Interior Wood Cabinets And Casework (09 91 23 00-0297)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0299, 09 91 23 00-0300, and 09 91 23 00-0301 for wood cabinet and casework painting.

09 91 23 00-0302 Paint Exposed Metal Lockers (09 91 23 00-0297)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0303, 09 91 23 00-0304, and 09 91 23 00-0305 for exposed metal locker painting.

09 91 23 00-0306 Paint Interior Stairs (09 91 23)

09 91 23 00-0307 Paint Interior Concrete Stairs (09 91 23 00-0306)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 09 91 23 00-0308, 09 91 23 00-0309, 09 91 23 00-0310, 09 91 23 00-0311, and 09 91 23 00-0312 for concrete stair painting.

09 91 23 00-0313 Paint Interior Metal Stairs (09 91 23 00-0306)

Table with 4 columns: CSI, UOM, DESCRIPTION, and UNIT COST. Row includes item 09 91 23 00-0314 for metal stair painting.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0315	RSR		Paint Interior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	9.20	
09 91 23 00-0316	RSR		Paint Interior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	18.39	
09 91 23 00-0317			Paint Interior Wood Stairs (09 91 23 00-0306)		
			Note: Includes the riser and tread.		
09 91 23 00-0318	RSR		Paint Interior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	9.06	
09 91 23 00-0319	RSR		Paint Interior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	9.05	
09 91 23 00-0320	RSR		Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	8.20	
			Note: Excludes riser.		
09 91 23 00-0321	RSR		Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	18.24	
			Note: Excludes riser.		
09 91 23 00-0322	RSR		Paint Interior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	18.11	
09 91 23 00-0323			Paint Interior Stair Nosing (09 91 23 00-0306)		
09 91 23 00-0324	LF		Paint Interior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.54	
09 91 23 00-0325			Paint Interior Trim (09 91 23)		
09 91 23 00-0326			Paint Interior Metal Trim (09 91 23 00-0325)		
09 91 23 00-0327	SF		Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.25	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.45	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.62	
			Note: Applied only to work area above 40'.		
09 91 23 00-0328	SF		Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.25	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.45	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.62	
			Note: Applied only to work area above 40'.		
09 91 23 00-0329	SF		Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work.....	2.28	
			For Work >15' To 20' Above Floor, Add	0.30	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.50	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.80	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.11	
			Note: Applied only to work area above 40'.		
09 91 23 00-0330	SF		Paint Interior Metal Trim, 1 Coat Primer, Brush/Roller Work.....	9.19	
			For Work >15' To 20' Above Floor, Add	1.36	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	2.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	3.62	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	4.98	
			Note: Applied only to work area above 40'.		
09 91 23 00-0331	SF		Paint Interior Metal Trim, 1 Coat Paint, Brush/Roller Work.....	1.03	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
09 91 23 00-0332	SF		Paint Interior Metal Trim, 2 Coats Paint, Brush/Roller Work.....	1.88	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.40	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.64	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.89	
			Note: Applied only to work area above 40'.		
09 91 23 00-0333			Paint Interior Wood Trim (09 91 23 00-0325)		
09 91 23 00-0334	LF		1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide.....	0.78	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Oil Based Paint, Add	0.04	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0335	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.86	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.45	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.05	
09 91 23 00-0336	LF	2 Coats Paint, Paint Interior Wood Trim to 6" Wide	1.81	
		For Work >15' To 20' Above Floor, Add	0.26	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.44	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.70	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.96	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.09	
09 91 23 00-0337	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.35	
		For Work >15' To 20' Above Floor, Add	0.32	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.54	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.86	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.19	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.13	
09 91 23 00-0338	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.62	
		For Work >15' To 20' Above Floor, Add	0.36	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.60	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.96	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.32	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.14	
09 91 23 00-0339	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	4.71	
		For Work >15' To 20' Above Floor, Add	0.64	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	1.07	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.71	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	2.35	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.26	
09 91 23 00-0340	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	1.92	
		For Work >15' To 20' Above Floor, Add	0.26	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.43	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.69	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.95	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.11	
09 91 23 00-0341	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.14	
		For Work >15' To 20' Above Floor, Add	0.29	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.48	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.77	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.06	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.12	
09 91 23 00-0342	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	3.83	
		For Work >15' To 20' Above Floor, Add	0.51	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.85	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.36	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.87	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	0.21	
09 91 23 00-0343		Paint Additives <small>(09 91 23)</small>		
09 91 23 00-0344	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0345	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.04	
		For Class "A" Fire Rating, Add	0.04	
09 91 23 00-0346		Hand Painting Letters/Numbers <small>(09 91 23)</small>		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0347	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.40	

			Finishes	09
			Painting And Coating	09 90
			Painting	09 91
MINOR	TOTAL DIRECT	DEMOLITION		
CSI UOM DESCRIPTION	UNIT COST	UNIT COST		

09 91 23 00-0348	EA	1" To 2" High, Hand Paint, Per Letter/Number.....	2.81
09 91 23 00-0349	EA	2" To 3" High, Hand Paint, Per Letter/Number.....	4.28
09 91 23 00-0350	EA	3" To 4" High, Hand Paint, Per Letter/Number.....	5.24
09 91 23 00-0351	EA	4" To 6" High, Hand Paint, Per Letter/Number.....	7.24
09 91 23 00-0352	EA	6" To 12" High, Hand Paint, Per Letter/Number.....	9.17
09 91 23 00-0353	EA	Over 12" High, Hand Paint, Per Letter/Number.....	10.76

09 91 23 00-0354 Glove/Mitt Application (09 91 23)

09 91 23 00-0355 Conduit/Pipe (09 91 23 00-0354)

09 91 23 00-0356	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt.....	45.69
		<i>For Work >15' To 20' Above Floor, Add</i>	6.55
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	10.92
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	17.46
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	24.01
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0357	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt.....	68.79
		<i>For Work >15' To 20' Above Floor, Add</i>	7.86
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	13.10
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	20.95
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	28.81
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0358	CSF	Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	53.19
		<i>For Work >15' To 20' Above Floor, Add</i>	5.76
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	9.60
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	15.36
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	21.13
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0359	CSF	Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt.....	42.65
		<i>For Work >15' To 20' Above Floor, Add</i>	4.32
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	7.20
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	11.52
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	15.85
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0360	CSF	Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt.....	77.04
		<i>For Work >15' To 20' Above Floor, Add</i>	6.55
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	10.92
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	17.46
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	24.01
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0361	CSF	Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt.....	70.41
		<i>For Work >15' To 20' Above Floor, Add</i>	5.76
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	9.60
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	15.36
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	21.13
		<i>Note: Applied only to work area above 40'.</i>	

09 91 23 00-0362 Ductwork (09 91 23 00-0354)

09 91 23 00-0363	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt.....	45.69
		<i>For Work >15' To 20' Above Floor, Add</i>	6.55
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	10.92
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	17.46
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	24.01
		<i>Note: Applied only to work area above 40'.</i>	
09 91 23 00-0364	CSF	Metal Primer Ductwork With Glove/Mitt.....	61.87
		<i>For Work >15' To 20' Above Floor, Add</i>	6.55
		<i>Note: Applied only to work area above 15' to 20'.</i>	
		<i>For Work >20' To 30' Above Floor, Add</i>	10.92
		<i>Note: Applied only to work area above 20' to 30'.</i>	
		<i>For Work >30' To 40' Above Floor, Add</i>	17.46
		<i>Note: Applied only to work area above 30' to 40'.</i>	
		<i>For Work >40' Above Floor, Add</i>	24.01
		<i>Note: Applied only to work area above 40'.</i>	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0365	CSF Enamel, Oil Base Paint Ductwork With Glove/Mitt.....	48.35	
	<i>For Work >15' To 20' Above Floor, Add</i>	5.24	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	8.73	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	13.97	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	19.21	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0366	CSF Epoxy Coating, First Coat Ductwork With Glove/Mitt.....	74.64	
	<i>For Work >15' To 20' Above Floor, Add</i>	6.55	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	10.92	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	17.46	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	24.01	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0367	CSF Epoxy Coating, Second Coat Ductwork With Glove/Mitt.....	63.97	
	<i>For Work >15' To 20' Above Floor, Add</i>	5.24	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work >20' To 30' Above Floor, Add</i>	8.73	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work >30' To 40' Above Floor, Add</i>	13.97	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work >40' Above Floor, Add</i>	19.21	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0368	Stencil Painting Letters/Numbers (09 91 23)		
	Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0369	EA Up To 1" High, Stencil Painting, Per Letter/Number	1.95	
	<i>For >200 To 500, Deduct</i>	-0.16	
	<i>For >500 To 1,000, Deduct</i>	-0.24	
	<i>For >1,000 To 2,000, Deduct</i>	-0.31	
	<i>For >2,000, Deduct</i>	-0.39	
09 91 23 00-0370	EA 1" To 2" High, Stencil Painting, Per Letter/Number.....	2.27	
	<i>For >200 To 500, Deduct</i>	-0.18	
	<i>For >500 To 1,000, Deduct</i>	-0.28	
	<i>For >1,000 To 2,000, Deduct</i>	-0.36	
	<i>For >2,000, Deduct</i>	-0.45	
09 91 23 00-0371	EA 2" To 3" High, Stencil Painting, Per Letter/Number.....	3.86	
	<i>For >200 To 500, Deduct</i>	-0.31	
	<i>For >500 To 1,000, Deduct</i>	-0.48	
	<i>For >1,000 To 2,000, Deduct</i>	-0.62	
	<i>For >2,000, Deduct</i>	-0.77	
09 91 23 00-0372	EA 3" To 4" High, Stencil Painting, Per Letter/Number.....	4.73	
	<i>For >200 To 500, Deduct</i>	-0.38	
	<i>For >500 To 1,000, Deduct</i>	-0.59	
	<i>For >1,000 To 2,000, Deduct</i>	-0.76	
	<i>For >2,000, Deduct</i>	-0.95	
09 91 23 00-0373	EA 4" To 6" High, Stencil Painting, Per Letter/Number.....	6.52	
	<i>For >200 To 500, Deduct</i>	-0.52	
	<i>For >500 To 1,000, Deduct</i>	-0.82	
	<i>For >1,000 To 2,000, Deduct</i>	-1.04	
	<i>For >2,000, Deduct</i>	-1.30	
09 91 23 00-0374	EA 6" To 12" High, Stencil Painting, Per Letter/Number.....	8.67	
	<i>For >200 To 500, Deduct</i>	-0.69	
	<i>For >500 To 1,000, Deduct</i>	-1.08	
	<i>For >1,000 To 2,000, Deduct</i>	-1.39	
	<i>For >2,000, Deduct</i>	-1.73	
09 91 23 00-0375	EA Over 12" High, Stencil Painting, Per Letter/Number	10.24	
	<i>For >200 To 500, Deduct</i>	-0.82	
	<i>For >500 To 1,000, Deduct</i>	-1.28	
	<i>For >1,000 To 2,000, Deduct</i>	-1.64	
	<i>For >2,000, Deduct</i>	-2.05	
09 91 23 00-0376	Logo Painting (09 91 23)		
09 91 23 00-0377	SF Simple Design, Paint Logo.....	38.01	
09 91 23 00-0378	SF Complex Design, Paint Logo	44.66	
09 91 23 00-0379	Paint Interior Miscellaneous Metal Surfaces (09 91 23)		

	Finishes	09
	Painting And Coating	09 90
	Painting	09 91
MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

09 91 23 00-0380	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.78	
	For Electrostatic Painting, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.35	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.50	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0381	SF 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.93	
	For Electrostatic Painting, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0382	SF 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.63	
	For Electrostatic Painting, Add	0.19	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.36	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.57	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.79	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.10	
	For >100 To 250, Add	0.52	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.33	
09 91 23 00-0383	SF 1 Coat Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	0.95	
	For Electrostatic Painting, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.44	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.62	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0384	SF 1 Coat Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces	0.95	
	For Electrostatic Painting, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.44	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.62	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	

09

09 Finishes

09 90 Painting And Coating

09 91 Painting



MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with 4 columns: Code, Description, Unit Cost, Demolition Unit Cost. Rows include '2 Coats Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces' and various adjustments for electrostatic painting and work above floor.

09 91 33 Painting Materials (09 91)

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer (09 91 33)

Table with 4 columns: Code, Description, Unit Cost, Demolition Unit Cost. Rows list various primers like Alkyd Primer/Sealer, Prime Coat Oil Wood Primer, and Acrylic Latex Primer.

09 91 33 00-0022 Paint (09 91 33)

Table with 4 columns: Code, Description, Unit Cost, Demolition Unit Cost. Rows list various paints and coatings such as Aluminum Fiber Roof Coat, Concrete Enamel Epoxy, and Exterior Oil Base Gloss Enamel.

09 91 33 00-0063	GAL Linseed Oil.....	17.95
09 91 33 00-0064	GAL Latex Floor Paint, 300 SF Per Gallon.....	29.44
09 91 33 00-0065	GAL Acrylic Floor Paint, 400 SF Per Gallon.....	33.16
09 91 33 00-0066	GAL Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon.....	30.33
09 91 33 00-0067	GAL Acoustic Spray-On Texture, Finish.....	24.37

09 91 33 00-0068 Stain, Varnish (09 91 33)

09 91 33 00-0069	GAL Thompson Water Sealer, 150 SF Per Gallon.....	16.82
09 91 33 00-0070	GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon.....	31.38
09 91 33 00-0071	GAL Redwood Oil Stain, 300 SF Per Gallon.....	27.98
09 91 33 00-0072	GAL Varnish, Clear.....	21.36
09 91 33 00-0073	GAL Penetrating Water-Repellent Stain.....	15.51
09 91 33 00-0074	GAL Redwood Hue Or Clear Stain.....	13.87
09 91 33 00-0075	GAL Polyurethane.....	24.34
09 91 33 00-0076	GAL Lacquer, Semi-Gloss.....	29.53
09 91 33 00-0077	GAL Shellac, Clear.....	38.74
09 91 33 00-0078	GAL Acetone.....	12.78
09 91 33 00-0079	GAL Paint Thinner.....	3.15
09 91 33 00-0080	GAL Shellac Or Lacquer Thinner.....	12.94
09 91 33 00-0081	GAL Turpentine.....	17.79
09 91 33 00-0082	GAL Wood Filler Paste.....	30.41
09 91 33 00-0083	GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon.....	24.26
09 91 33 00-0084	GAL Waterbased Alkyd Urethane (Sherwin Williams B53W01153).....	59.64

09 91 43 Surface Preparation (09 91)

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining And Transparent Finishing (09 90)

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining And Finishing (09 93)

09 93 13 53 Exterior Finishing (09 93 13)

09 93 13 53-0001 Stain Sealer (09 93 13 53)

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF Stain Sealer, Brush Work.....	0.92
	<i>For Ceiling Work, Add</i>	0.13
	<i>For >5,000 To 10,000, Deduct</i>	-0.02
	<i>For >10,000 To 20,000, Deduct</i>	-0.05
	<i>For >20,000, Deduct</i>	-0.07
09 93 13 53-0003	SF Stain Sealer, Brush/Roller Work.....	0.73
	<i>For Ceiling Work, Add</i>	0.10
	<i>For >5,000 To 10,000, Deduct</i>	-0.02
	<i>For >10,000 To 20,000, Deduct</i>	-0.04
	<i>For >20,000, Deduct</i>	-0.06
09 93 13 53-0004	SF Stain Sealer, Sprayed.....	0.27
	<i>For Ceiling Work, Add</i>	0.03
	<i>For >5,000 To 10,000, Deduct</i>	-0.01
	<i>For >10,000 To 20,000, Deduct</i>	-0.02
	<i>For >20,000, Deduct</i>	-0.03

09 93 23 Interior Staining And Finishing (09 93)

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining (09 93 23)

09 93 23 13-0001 Stain Wood Trim (09 93 23 13)

09 93 23 13-0002	LF Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	1.13
	<i>For Up To 100, Add</i>	0.82
	<i>For >100 To 250, Add</i>	0.39
	<i>For >250 To 500, Add</i>	0.17
	<i>For >4,000, Deduct</i>	-0.06
09 93 23 13-0003	SF Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	1.68
	<i>For Up To 100, Add</i>	1.22
	<i>For >100 To 250, Add</i>	0.57
	<i>For >250 To 500, Add</i>	0.25
	<i>For >4,000, Deduct</i>	-0.08

09 93 23 13-0004 Stain Wood Floor (09 93 23 13)

09 93 23 13-0005	SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.49
	<i>For Up To 100, Add</i>	0.33
	<i>For >100 To 250, Add</i>	0.15
	<i>For >250 To 500, Add</i>	0.07
	<i>For >4,000, Deduct</i>	-0.02
09 93 23 13-0006	SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work.....	0.35
	<i>For Up To 100, Add</i>	0.22
	<i>For >100 To 250, Add</i>	0.11
	<i>For >250 To 500, Add</i>	0.05
	<i>For >4,000, Deduct</i>	-0.02

09 93 23 13-0007 Stain Wood Door And Window (09 93 23 13)

09 Finishes

09 90 Painting And Coating

09 93 Staining And Transparent Finishing



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	55.21		
		<i>For Up To 4, Add</i>	40.76		
		<i>For >4 To 10, Add</i>	19.05		
		<i>For >10 To 20, Add</i>	8.17		
		<i>For >160, Deduct</i>	-2.76		
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	38.69		
		<i>For Up To 4, Add</i>	28.06		
		<i>For >4 To 10, Add</i>	13.14		
		<i>For >10 To 20, Add</i>	5.64		
		<i>For >160, Deduct</i>	-1.93		
09 93 23 13-0010		Stain Wood Cabinet (09 93 23 13)			
09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.36		
09 93 23 53		Interior Finishing (09 93 23)			
09 93 23 53-0001		Concrete Finishes (09 93 23 53)			
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.75		
		<i>For Up To 100, Add</i>	0.49		
		<i>For >100 To 250, Add</i>	0.23		
		<i>For >250 To 500, Add</i>	0.10		
		<i>For >4,000, Deduct</i>	-0.04		
09 93 23 53-0003		Wood Trim Finishes (09 93 23 53)			
09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.32		
		<i>For Up To 100, Add</i>	0.92		
		<i>For >100 To 250, Add</i>	0.43		
		<i>For >250 To 500, Add</i>	0.19		
		<i>For >4,000, Deduct</i>	-0.07		
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.90		
		<i>For Up To 100, Add</i>	0.65		
		<i>For >100 To 250, Add</i>	0.30		
		<i>For >250 To 500, Add</i>	0.13		
		<i>For >4,000, Deduct</i>	-0.05		
09 93 23 53-0006		Wood Floor Finishes (09 93 23 53)			
09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane	2.77		
		Note: Includes sanding existing floor.			
		<i>For Up To 100, Add</i>	2.01		
		<i>For >100 To 250, Add</i>	0.94		
		<i>For >250 To 500, Add</i>	0.40		
		<i>For >4,000, Deduct</i>	-0.14		
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.67		
		Note: Includes screening between coats.			
		<i>For Up To 100, Add</i>	0.47		
		<i>For >100 To 250, Add</i>	0.22		
		<i>For >250 To 500, Add</i>	0.09		
		<i>For >4,000, Deduct</i>	-0.03		
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	3.14		
		Note: Includes sanding existing floor.			
		<i>For Up To 100, Add</i>	2.26		
		<i>For >100 To 250, Add</i>	1.06		
		<i>For >250 To 500, Add</i>	0.46		
		<i>For >4,000, Deduct</i>	-0.16		
09 93 23 53-0010		Wood Door And Window Finishes (09 93 23 53)			
		See CSI section 08 14 16 00-0627 for factory finish.			
09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face).....	39.84		
		<i>For Up To 4, Add</i>	29.36		
		<i>For >4 To 10, Add</i>	13.73		
		<i>For >10 To 20, Add</i>	5.89		
		<i>For >160, Deduct</i>	-1.99		
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face).....	119.79		
		<i>For Up To 4, Add</i>	87.48		
		<i>For >4 To 10, Add</i>	40.94		
		<i>For >10 To 20, Add</i>	17.57		
		<i>For >160, Deduct</i>	-5.99		
09 93 23 53-0013		Cabinet Finishes (09 93 23 53)			
09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane.....	1.37		
09 93 23 53-0015		Gym, Stage And Dance Floor Finishes (09 93 23 53)			
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor	1.69		
		Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.			
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor.....	3.95		
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor	4.04	
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor	4.13	
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor.....	3.95	
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	4.04	
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor	4.13	
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	

09 94 Decorative Finishing (09 90)

09 94 13 Textured Finishing (09 94)

09 94 13 00-0001	SF	Textured Metallic Paint (Scufmaster Envirometal)	2.24	
		<i>For Up To 100, Add</i>	0.99	
		<i>For >100 To 250, Add</i>	0.50	
		<i>For >250 To 500, Add</i>	0.22	

09 96 High-Performance Coatings (09 90)

09 96 23 Graffiti-Resistant Coatings (09 96)

09 96 23 00-0001 Anti-Graffiti Coating (09 96 23)

09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.32	
		<i>For Up To 100, Add</i>	0.85	
		<i>For >100 To 250, Add</i>	0.40	
		<i>For >250 To 500, Add</i>	0.18	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.38	
		<i>For Up To 100, Add</i>	0.86	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	

09 96 53 Elastomeric Coatings (09 96)

09 96 53 00-0001 Elastomeric Painting (09 96 53)

Note: Per coat.			
09 96 53 00-0002	SF	Paint, Brush, Elastomeric, Per Coat	2.30
		<i>For Work >15' To 20' Above Floor, Add</i>	0.24
		Note: Applied only to work area above 15' to 20'.	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.41
		Note: Applied only to work area above 20'.	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.65
		Note: Applied only to work area above 30' to 40'.	
		<i>For Work >40' Above Floor, Add</i>	0.90
		Note: Applied only to work area above 40'.	
		<i>For Up To 100, Add</i>	1.32
		<i>For >100 To 250, Add</i>	0.64
		<i>For >250 To 500, Add</i>	0.28
		<i>For >2,500 To 5,000, Deduct</i>	-0.12
		<i>For >5,000 To 10,000, Deduct</i>	-0.23
		<i>For >10,000 To 20,000, Deduct</i>	-0.35
		<i>For >20,000, Deduct</i>	-0.46
09 96 53 00-0003	SF	Paint, Roller, Elastomeric, Per Coat	1.82
		<i>For Work >15' To 20' Above Floor, Add</i>	0.17
		Note: Applied only to work area above 15' to 20'.	
		<i>For Work >20' To 30' Above Floor, Add</i>	0.29
		Note: Applied only to work area above 20'.	
		<i>For Work >30' To 40' Above Floor, Add</i>	0.46
		Note: Applied only to work area above 30' to 40'.	
		<i>For Work >40' Above Floor, Add</i>	0.63
		Note: Applied only to work area above 40'.	
		<i>For Up To 100, Add</i>	0.96
		<i>For >100 To 250, Add</i>	0.47
		<i>For >250 To 500, Add</i>	0.21
		<i>For >2,500 To 5,000, Deduct</i>	-0.09
		<i>For >5,000 To 10,000, Deduct</i>	-0.18
		<i>For >10,000 To 20,000, Deduct</i>	-0.27
		<i>For >20,000, Deduct</i>	-0.36

09 Finishes

09 90 Painting And Coating

09 96 High-Performance Coatings

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with columns for CSI, UOM, Description, and Costs. Includes items like 'Paint, Conventional Spray, Elastomeric, Per Coat' and 'Paint, Airless Spray, Elastomeric, Per Coat' with various height and area specifications.

09 96 56 Epoxy Coatings (09 96)

Table listing epoxy coating items such as 'High Build Epoxy' and 'Laminated Epoxy With Fiberglass' with their respective costs.

09 96 66 Aggregate Wall Coatings (09 96)

Table listing aggregate wall coating items such as 'Troweled On' and 'Sprayed On' with their respective costs.

09 97 Special Coatings (09 90)

09 97 13 Steel Coatings (09 97)

09 97 13 23 Exterior Steel Coatings (09 97 13)

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

Table listing exterior steel coating items such as 'Surface Preparation For Structural Steel', 'SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel', and 'SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel' with their respective costs.

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

09 97 13 23-0008	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.46	
		<i>For Up To 100, Add</i>	1.73	
		<i>For >100 To 250, Add</i>	0.81	
		<i>For >250 To 500, Add</i>	0.35	
09 97 13 23-0009	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.14	
		<i>For Up To 100, Add</i>	1.50	
		<i>For >100 To 250, Add</i>	0.70	
		<i>For >250 To 500, Add</i>	0.30	
09 97 13 23-0010	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.00	
		<i>For Up To 100, Add</i>	1.39	
		<i>For >100 To 250, Add</i>	0.66	
		<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.08	
		<i>For Up To 100, Add</i>	2.20	
		<i>For >100 To 250, Add</i>	1.03	
		<i>For >250 To 500, Add</i>	0.44	
09 97 13 23-0012		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
09 97 13 23-0013	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.79	
		<i>For Up To 100, Add</i>	3.39	
		<i>For >100 To 250, Add</i>	1.59	
		<i>For >250 To 500, Add</i>	0.69	
09 97 13 23-0014	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.10	
		<i>For Up To 100, Add</i>	2.89	
		<i>For >100 To 250, Add</i>	1.36	
		<i>For >250 To 500, Add</i>	0.58	
09 97 13 23-0015	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	3.78	
		<i>For Up To 100, Add</i>	2.65	
		<i>For >100 To 250, Add</i>	1.25	
		<i>For >250 To 500, Add</i>	0.54	
09 97 13 23-0016	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	5.76	
		<i>For Up To 100, Add</i>	4.13	
		<i>For >100 To 250, Add</i>	1.94	
		<i>For >250 To 500, Add</i>	0.83	
09 97 13 23-0017		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
09 97 13 23-0018	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.57	
		<i>For Up To 100, Add</i>	2.52	
		<i>For >100 To 250, Add</i>	1.18	
		<i>For >250 To 500, Add</i>	0.51	
09 97 13 23-0019	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.04	
		<i>For Up To 100, Add</i>	2.14	
		<i>For >100 To 250, Add</i>	1.01	
		<i>For >250 To 500, Add</i>	0.43	
09 97 13 23-0020	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.87	
		<i>For Up To 100, Add</i>	2.01	
		<i>For >100 To 250, Add</i>	0.95	
		<i>For >250 To 500, Add</i>	0.41	
09 97 13 23-0021	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation.....	4.19	
		<i>For Up To 100, Add</i>	3.00	
		<i>For >100 To 250, Add</i>	1.41	
		<i>For >250 To 500, Add</i>	0.61	
09 97 13 23-0022		Protective Coatings For Tanks And Structural Steel <small>(09 97 13 23)</small>		
Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.				
09 97 13 23-0023		1.5 Mil Prime Coat For Structural Steel <small>(09 97 13 23-0022)</small>		
09 97 13 23-0024	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat.....	0.96	
		<i>For Up To 100, Add</i>	0.65	
		<i>For >100 To 250, Add</i>	0.31	
		<i>For >250 To 500, Add</i>	0.13	
09 97 13 23-0025	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.72	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
09 97 13 23-0026	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.64	
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.09	
09 97 13 23-0027	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.16	
		<i>For Up To 100, Add</i>	0.80	
		<i>For >100 To 250, Add</i>	0.38	
		<i>For >250 To 500, Add</i>	0.16	
09 97 13 23-0028	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.39	
		<i>For Up To 100, Add</i>	0.98	
		<i>For >100 To 250, Add</i>	0.46	
		<i>For >250 To 500, Add</i>	0.20	
09 97 13 23-0029	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat.....	1.03	
		<i>For Up To 100, Add</i>	0.71	
		<i>For >100 To 250, Add</i>	0.34	
		<i>For >250 To 500, Add</i>	0.14	

09 Finishes

09 90 Painting And Coating

09 97 Special Coatings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 97 13 23-0030	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.91	
		For Up To 100, Add	0.62	
		For >100 To 250, Add	0.29	
		For >250 To 500, Add	0.13	
09 97 13 23-0031	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.70	
		For Up To 100, Add	1.21	
		For >100 To 250, Add	0.57	
		For >250 To 500, Add	0.24	
09 97 13 23-0032		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0033	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.83	
		For Up To 100, Add	1.91	
		For >100 To 250, Add	0.90	
		For >250 To 500, Add	0.39	
09 97 13 23-0034	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.02	
		For Up To 100, Add	1.32	
		For >100 To 250, Add	0.63	
		For >250 To 500, Add	0.27	
09 97 13 23-0035	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.86	
		For Up To 100, Add	1.20	
		For >100 To 250, Add	0.57	
		For >250 To 500, Add	0.25	
09 97 13 23-0036	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.45	
		For Up To 100, Add	2.37	
		For >100 To 250, Add	1.12	
		For >250 To 500, Add	0.48	
09 97 13 23-0037	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	1.43	
		For >100 To 250, Add	0.67	
		For >250 To 500, Add	0.29	
09 97 13 23-0038	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.51	
		For Up To 100, Add	0.99	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.20	
09 97 13 23-0039	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.40	
		For Up To 100, Add	0.91	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
09 97 13 23-0040	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.59	
		For Up To 100, Add	1.77	
		For >100 To 250, Add	0.84	
		For >250 To 500, Add	0.36	
09 97 13 23-0041	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.44	
		For Up To 100, Add	3.11	
		For >100 To 250, Add	1.46	
		For >250 To 500, Add	0.63	
09 97 13 23-0042	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.12	
		For Up To 100, Add	2.15	
		For >100 To 250, Add	1.01	
		For >250 To 500, Add	0.44	
09 97 13 23-0043	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.87	
		For Up To 100, Add	1.96	
		For >100 To 250, Add	0.92	
		For >250 To 500, Add	0.40	
09 97 13 23-0044	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.47	
		For Up To 100, Add	3.88	
		For >100 To 250, Add	1.82	
		For >250 To 500, Add	0.78	
09 97 13 23-0045	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.33	
		For Up To 100, Add	2.34	
		For >100 To 250, Add	1.10	
		For >250 To 500, Add	0.47	
09 97 13 23-0046	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.35	
		For Up To 100, Add	1.62	
		For >100 To 250, Add	0.76	
		For >250 To 500, Add	0.33	
09 97 13 23-0047	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.15	
		For Up To 100, Add	1.47	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.30	
09 97 13 23-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.11	
		For Up To 100, Add	2.91	
		For >100 To 250, Add	1.37	
		For >250 To 500, Add	0.59	
09 97 13 23-0049		Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0050	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.19	
		For Up To 100, Add	1.49	
		For >100 To 250, Add	0.70	
		For >250 To 500, Add	0.30	
09 97 13 23-0051	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.77	
		For Up To 100, Add	1.19	
		For >100 To 250, Add	0.56	
		For >250 To 500, Add	0.24	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0052	SF Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats		1.62	
	For Up To 100, Add		1.08	
	For >100 To 250, Add		0.51	
	For >250 To 500, Add		0.22	
09 97 13 23-0053	SF Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats		2.74	
	For Up To 100, Add		1.89	
	For >100 To 250, Add		0.89	
	For >250 To 500, Add		0.38	
09 97 13 23-0054	SF Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.40	
	For Up To 100, Add		0.95	
	For >100 To 250, Add		0.45	
	For >250 To 500, Add		0.19	
09 97 13 23-0055	SF Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.14	
	For Up To 100, Add		0.77	
	For >100 To 250, Add		0.36	
	For >250 To 500, Add		0.16	
09 97 13 23-0056	SF Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.03	
	For Up To 100, Add		0.68	
	For >100 To 250, Add		0.32	
	For >250 To 500, Add		0.14	
09 97 13 23-0057	SF Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.75	
	For Up To 100, Add		1.21	
	For >100 To 250, Add		0.57	
	For >250 To 500, Add		0.25	
09 97 13 23-0058	SF Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats		3.17	
	For Up To 100, Add		2.22	
	For >100 To 250, Add		1.04	
	For >250 To 500, Add		0.45	
09 97 13 23-0059	SF Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats		2.56	
	For Up To 100, Add		1.78	
	For >100 To 250, Add		0.84	
	For >250 To 500, Add		0.36	
09 97 13 23-0060	SF Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats		2.33	
	For Up To 100, Add		1.61	
	For >100 To 250, Add		0.76	
	For >250 To 500, Add		0.33	
09 97 13 23-0061	SF Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats		4.00	
	For Up To 100, Add		2.84	
	For >100 To 250, Add		1.33	
	For >250 To 500, Add		0.57	
09 97 13 23-0062	SF Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		2.03	
	For Up To 100, Add		1.42	
	For >100 To 250, Add		0.67	
	For >250 To 500, Add		0.29	
09 97 13 23-0063	SF Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.64	
	For Up To 100, Add		1.14	
	For >100 To 250, Add		0.54	
	For >250 To 500, Add		0.23	
09 97 13 23-0064	SF Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.49	
	For Up To 100, Add		1.03	
	For >100 To 250, Add		0.48	
	For >250 To 500, Add		0.21	
09 97 13 23-0065	SF Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat		2.55	
	For Up To 100, Add		1.81	
	For >100 To 250, Add		0.85	
	For >250 To 500, Add		0.37	
09 97 13 23-0066 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel <small>(09 97 13 23-0022)</small>				
09 97 13 23-0067	SF Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		3.50	
	For Up To 100, Add		2.19	
	For >100 To 250, Add		1.05	
	For >250 To 500, Add		0.45	
09 97 13 23-0068	SF Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.50	
	For Up To 100, Add		1.49	
	For >100 To 250, Add		0.71	
	For >250 To 500, Add		0.31	
09 97 13 23-0069	SF Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.19	
	For Up To 100, Add		1.25	
	For >100 To 250, Add		0.60	
	For >250 To 500, Add		0.26	
09 97 13 23-0070	SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		3.98	
	For Up To 100, Add		2.54	
	For >100 To 250, Add		1.21	
	For >250 To 500, Add		0.52	
09 97 13 23-0071	SF Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.44	
	For Up To 100, Add		1.53	
	For >100 To 250, Add		0.73	
	For >250 To 500, Add		0.32	
09 97 13 23-0072	SF Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		1.76	
	For Up To 100, Add		1.04	
	For >100 To 250, Add		0.50	
	For >250 To 500, Add		0.22	
09 97 13 23-0073	SF Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		1.54	
	For Up To 100, Add		0.88	
	For >100 To 250, Add		0.42	
	For >250 To 500, Add		0.19	

09	09 Finishes
	09 90 Painting And Coating
	09 97 Special Coatings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 97 13 23-0074	SF Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.79	
	<i>For Up To 100, Add</i>	1.78	
	<i>For >100 To 250, Add</i>	0.85	
	<i>For >250 To 500, Add</i>	0.37	
09 97 13 23-0075 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel <small>(09 97 13 23-0022)</small>			
09 97 13 23-0076	SF Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	3.70	
	<i>For Up To 100, Add</i>	2.22	
	<i>For >100 To 250, Add</i>	1.07	
	<i>For >250 To 500, Add</i>	0.46	
09 97 13 23-0077	SF Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	2.69	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 250, Add</i>	0.73	
	<i>For >250 To 500, Add</i>	0.32	
09 97 13 23-0078	SF Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	2.38	
	<i>For Up To 100, Add</i>	1.28	
	<i>For >100 To 250, Add</i>	0.62	
	<i>For >250 To 500, Add</i>	0.27	
09 97 13 23-0079	SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	4.19	
	<i>For Up To 100, Add</i>	2.57	
	<i>For >100 To 250, Add</i>	1.23	
	<i>For >250 To 500, Add</i>	0.53	
09 97 13 23-0080	SF Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	3.04	
	<i>For Up To 100, Add</i>	1.82	
	<i>For >100 To 250, Add</i>	0.87	
	<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0081	SF Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.21	
	<i>For Up To 100, Add</i>	1.24	
	<i>For >100 To 250, Add</i>	0.60	
	<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0082	SF Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	1.95	
	<i>For Up To 100, Add</i>	1.05	
	<i>For >100 To 250, Add</i>	0.51	
	<i>For >250 To 500, Add</i>	0.22	
09 97 13 23-0083	SF Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats.....	3.44	
	<i>For Up To 100, Add</i>	2.11	
	<i>For >100 To 250, Add</i>	1.01	
	<i>For >250 To 500, Add</i>	0.44	
09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel <small>(09 97 13 23-0022)</small>			
09 97 13 23-0085	SF Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	7.79	
	<i>For Up To 100, Add</i>	4.78	
	<i>For >100 To 250, Add</i>	2.28	
	<i>For >250 To 500, Add</i>	0.99	
09 97 13 23-0086	SF Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	5.84	
	<i>For Up To 100, Add</i>	3.43	
	<i>For >100 To 250, Add</i>	1.65	
	<i>For >250 To 500, Add</i>	0.72	
09 97 13 23-0087	SF Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	5.60	
	<i>For Up To 100, Add</i>	3.25	
	<i>For >100 To 250, Add</i>	1.56	
	<i>For >250 To 500, Add</i>	0.68	
09 97 13 23-0088	SF Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	9.14	
	<i>For Up To 100, Add</i>	5.77	
	<i>For >100 To 250, Add</i>	2.75	
	<i>For >250 To 500, Add</i>	1.19	
09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel <small>(09 97 13 23-0022)</small>			
09 97 13 23-0090	SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.03	
	<i>For Up To 100, Add</i>	2.32	
	<i>For >100 To 250, Add</i>	1.12	
	<i>For >250 To 500, Add</i>	0.49	
09 97 13 23-0091	SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.09	
	<i>For Up To 100, Add</i>	1.62	
	<i>For >100 To 250, Add</i>	0.79	
	<i>For >250 To 500, Add</i>	0.35	
09 97 13 23-0092	SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.94	
	<i>For Up To 100, Add</i>	1.51	
	<i>For >100 To 250, Add</i>	0.74	
	<i>For >250 To 500, Add</i>	0.33	
09 97 13 23-0093	SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.60	
	<i>For Up To 100, Add</i>	2.72	
	<i>For >100 To 250, Add</i>	1.31	
	<i>For >250 To 500, Add</i>	0.57	
09 97 13 23-0094	SF Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.17	
	<i>For Up To 100, Add</i>	1.83	
	<i>For >100 To 250, Add</i>	0.88	
	<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0095	SF Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.44	
	<i>For Up To 100, Add</i>	1.28	
	<i>For >100 To 250, Add</i>	0.62	
	<i>For >250 To 500, Add</i>	0.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0096	SF		Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.32	
			<i>For Up To 100, Add</i>	1.19	
			<i>For >100 To 250, Add</i>	0.58	
			<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0097	SF		Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	3.63	
			<i>For Up To 100, Add</i>	2.15	
			<i>For >100 To 250, Add</i>	1.03	
			<i>For >250 To 500, Add</i>	0.45	
09 97 13 23-0098			Two 8 Mil Coal Tar Epoxy Coats For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0099	SF		Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.52	
			<i>For Up To 100, Add</i>	2.24	
			<i>For >100 To 250, Add</i>	1.07	
			<i>For >250 To 500, Add</i>	0.46	
09 97 13 23-0100	SF		Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.84	
			<i>For Up To 100, Add</i>	1.77	
			<i>For >100 To 250, Add</i>	0.84	
			<i>For >250 To 500, Add</i>	0.37	
09 97 13 23-0101	SF		Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.60	
			<i>For Up To 100, Add</i>	1.59	
			<i>For >100 To 250, Add</i>	0.76	
			<i>For >250 To 500, Add</i>	0.33	
09 97 13 23-0102	SF		Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	4.39	
			<i>For Up To 100, Add</i>	2.88	
			<i>For >100 To 250, Add</i>	1.36	
			<i>For >250 To 500, Add</i>	0.59	
09 97 13 23-0103			One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0104	SF		Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.43	
			<i>For Up To 100, Add</i>	2.27	
			<i>For >100 To 250, Add</i>	1.08	
			<i>For >250 To 500, Add</i>	0.46	
09 97 13 23-0105	SF		Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.40	
			<i>For Up To 100, Add</i>	1.52	
			<i>For >100 To 250, Add</i>	0.72	
			<i>For >250 To 500, Add</i>	0.31	
09 97 13 23-0106	SF		Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.01	
			<i>For Up To 100, Add</i>	1.23	
			<i>For >100 To 250, Add</i>	0.59	
			<i>For >250 To 500, Add</i>	0.25	
09 97 13 23-0107	SF		Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.93	
			<i>For Up To 100, Add</i>	2.62	
			<i>For >100 To 250, Add</i>	1.24	
			<i>For >250 To 500, Add</i>	0.54	
09 97 13 23-0108			One 3 Mil High Zinc Silicate Coat For Structural Steel (09 97 13 23-0022)		
09 97 13 23-0109	SF		Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.75	
			<i>For Up To 100, Add</i>	1.00	
			<i>For >100 To 250, Add</i>	0.48	
			<i>For >250 To 500, Add</i>	0.21	
09 97 13 23-0110	SF		Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.25	
			<i>For Up To 100, Add</i>	0.65	
			<i>For >100 To 250, Add</i>	0.32	
			<i>For >250 To 500, Add</i>	0.14	
09 97 13 23-0111	SF		Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.18	
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
09 97 13 23-0112	SF		Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat.....	1.86	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 250, Add</i>	0.52	
			<i>For >250 To 500, Add</i>	0.23	
09 97 13 23-0113			Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel (09 97 13 23-0022)		
			Note: Installed over existing primer.		
09 97 13 23-0114	SF		Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.77	
			<i>For Up To 100, Add</i>	1.71	
			<i>For >100 To 250, Add</i>	0.82	
			<i>For >250 To 500, Add</i>	0.35	
09 97 13 23-0115	SF		Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.25	
			<i>For Up To 100, Add</i>	1.36	
			<i>For >100 To 250, Add</i>	0.65	
			<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0116	SF		Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.94	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 250, Add</i>	0.54	
			<i>For >250 To 500, Add</i>	0.24	

09 Finishes**09 90 Painting And Coating****09 97 Special Coatings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 97 13 23-0117	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	3.25
		For Up To 100, Add	2.06
		For >100 To 250, Add	0.98
		For >250 To 500, Add	0.42
09 97 13 24		Steel Water Storage Tank Painting (09 97 13)	
09 97 13 24-0001		Surface Preparation For Tanks (09 97 13 24)	
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.	
09 97 13 24-0002		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks (09 97 13 24-0001)	
09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.47
		For Up To 100, Add	1.10
		For >100 To 250, Add	0.51
		For >250 To 500, Add	0.22
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.30
		For Up To 100, Add	0.98
		For >100 To 250, Add	0.46
		For >250 To 500, Add	0.20
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.85
		For Up To 100, Add	1.39
		For >100 To 250, Add	0.65
		For >250 To 500, Add	0.28
09 97 13 24-0006		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)	
09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.80
		For Up To 100, Add	0.55
		For >100 To 250, Add	0.26
		For >250 To 500, Add	0.11
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.65
		For Up To 100, Add	0.45
		For >100 To 250, Add	0.21
		For >250 To 500, Add	0.09
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.13
		For Up To 100, Add	0.81
		For >100 To 250, Add	0.38
		For >250 To 500, Add	0.16
09 97 13 24-0010		SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)	
09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.00
		For Up To 100, Add	1.39
		For >100 To 250, Add	0.66
		For >250 To 500, Add	0.28
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.83
		For Up To 100, Add	1.26
		For >100 To 250, Add	0.60
		For >250 To 500, Add	0.26
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.66
		For Up To 100, Add	1.89
		For >100 To 250, Add	0.89
		For >250 To 500, Add	0.38
09 97 13 24-0014		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)	
09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.59
		For Up To 100, Add	2.52
		For >100 To 250, Add	1.18
		For >250 To 500, Add	0.51
09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.42
		For Up To 100, Add	2.39
		For >100 To 250, Add	1.12
		For >250 To 500, Add	0.48
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	4.99
		For Up To 100, Add	3.57
		For >100 To 250, Add	1.67
		For >250 To 500, Add	0.72
09 97 13 24-0018		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)	
09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.87
		For Up To 100, Add	2.01
		For >100 To 250, Add	0.95
		For >250 To 500, Add	0.41
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.87
		For Up To 100, Add	2.01
		For >100 To 250, Add	0.95
		For >250 To 500, Add	0.41
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.19
		For Up To 100, Add	3.00
		For >100 To 250, Add	1.41
		For >250 To 500, Add	0.61

09 97 13 24-0022	Protective Coatings For Tanks <small>(09 97 13 24)</small>		
	Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0023	1.5 Mil Prime Coat For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0024	SF Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.55	
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
09 97 13 24-0025	SF Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.45	
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
09 97 13 24-0026	SF Spray Tank Interior 1.5 Mil Prime Coat	1.10	
	For Up To 100, Add	0.77	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
09 97 13 24-0027	SF Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.79	
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
09 97 13 24-0028	SF Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.62	
	For Up To 100, Add	0.41	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
09 97 13 24-0029	SF Brush Tank Interior 1.5 Mil Prime Coat	1.61	
	For Up To 100, Add	1.15	
	For >100 To 250, Add	0.54	
	For >250 To 500, Add	0.23	
09 97 13 24-0030	1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0031	SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.63	
	For Up To 100, Add	1.04	
	For >100 To 250, Add	0.49	
	For >250 To 500, Add	0.21	
09 97 13 24-0032	SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.24	
	For Up To 100, Add	0.74	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
09 97 13 24-0033	SF Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.09	
	For Up To 100, Add	2.13	
	For >100 To 250, Add	1.00	
	For >250 To 500, Add	0.43	
09 97 13 24-0034	SF Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.23	
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
09 97 13 24-0035	SF Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	0.94	
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
09 97 13 24-0036	SF Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.33	
	For Up To 100, Add	1.60	
	For >100 To 250, Add	0.76	
	For >250 To 500, Add	0.33	
09 97 13 24-0037	SF Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.48	
	For Up To 100, Add	1.67	
	For >100 To 250, Add	0.79	
	For >250 To 500, Add	0.34	
09 97 13 24-0038	SF Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.84	
	For Up To 100, Add	1.19	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
09 97 13 24-0039	SF Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.90	
	For Up To 100, Add	3.49	
	For >100 To 250, Add	1.64	
	For >250 To 500, Add	0.70	
09 97 13 24-0040	SF Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.87	
	For Up To 100, Add	1.26	
	For >100 To 250, Add	0.59	
	For >250 To 500, Add	0.26	
09 97 13 24-0041	SF Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.38	
	For Up To 100, Add	0.89	
	For >100 To 250, Add	0.42	
	For >250 To 500, Add	0.18	
09 97 13 24-0042	SF Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.69	
	For Up To 100, Add	2.62	
	For >100 To 250, Add	1.23	
	For >250 To 500, Add	0.53	
09 97 13 24-0043	Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0044	SF Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.46	
	For Up To 100, Add	0.96	
	For >100 To 250, Add	0.45	
	For >250 To 500, Add	0.20	

09 Finishes

09 90 Painting And Coating

09 97 Special Coatings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 97 13 24-0045	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.24	
		<i>For Up To 100, Add</i>	0.79	
		<i>For >100 To 250, Add</i>	0.38	
		<i>For >250 To 500, Add</i>	0.16	
09 97 13 24-0046	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.24	
		<i>For Up To 100, Add</i>	2.29	
		<i>For >100 To 250, Add</i>	1.08	
		<i>For >250 To 500, Add</i>	0.46	
09 97 13 24-0047	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.94	
		<i>For Up To 100, Add</i>	0.62	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
09 97 13 24-0048	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.79	
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
09 97 13 24-0049	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats.....	2.07	
		<i>For Up To 100, Add</i>	1.46	
		<i>For >100 To 250, Add</i>	0.69	
		<i>For >250 To 500, Add</i>	0.30	
09 97 13 24-0050	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.09	
		<i>For Up To 100, Add</i>	1.43	
		<i>For >100 To 250, Add</i>	0.67	
		<i>For >250 To 500, Add</i>	0.29	
09 97 13 24-0051	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.75	
		<i>For Up To 100, Add</i>	1.17	
		<i>For >100 To 250, Add</i>	0.56	
		<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0052	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	5.12	
		<i>For Up To 100, Add</i>	3.75	
		<i>For >100 To 250, Add</i>	1.75	
		<i>For >250 To 500, Add</i>	0.75	
09 97 13 24-0053	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.35	
		<i>For Up To 100, Add</i>	0.92	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	
09 97 13 24-0054	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.11	
		<i>For Up To 100, Add</i>	0.74	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.15	
09 97 13 24-0055	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats.....	3.33	
		<i>For Up To 100, Add</i>	2.41	
		<i>For >100 To 250, Add</i>	1.13	
		<i>For >250 To 500, Add</i>	0.48	

09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks (09 97 13 24-0022)

09 97 13 24-0057	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.02	
		<i>For Up To 100, Add</i>	1.14	
		<i>For >100 To 250, Add</i>	0.55	
		<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0058	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.71	
		<i>For Up To 100, Add</i>	0.90	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	
09 97 13 24-0059	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.42	
		<i>For Up To 100, Add</i>	0.80	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.17	
09 97 13 24-0060	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.20	
		<i>For Up To 100, Add</i>	0.64	
		<i>For >100 To 250, Add</i>	0.31	
		<i>For >250 To 500, Add</i>	0.14	

09 97 13 24-0061 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks (09 97 13 24-0022)

09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.20	
		<i>For Up To 100, Add</i>	1.16	
		<i>For >100 To 250, Add</i>	0.57	
		<i>For >250 To 500, Add</i>	0.25	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	1.89	
		<i>For Up To 100, Add</i>	0.93	
		<i>For >100 To 250, Add</i>	0.46	
		<i>For >250 To 500, Add</i>	0.20	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats.....	1.81	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 250, Add</i>	0.47	
		<i>For >250 To 500, Add</i>	0.20	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.55	
		<i>For Up To 100, Add</i>	0.76	
		<i>For >100 To 250, Add</i>	0.38	
		<i>For >250 To 500, Add</i>	0.17	

09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks (09 97 13 24-0022)

	MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 97	13 24-0067	SF Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....5.40 <i>For Up To 100, Add 3.13</i> <i>For >100 To 250, Add 1.51</i> <i>For >250 To 500, Add 0.66</i>		
	09 97	13 24-0068	SF Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....4.93 <i>For Up To 100, Add 2.77</i> <i>For >100 To 250, Add 1.34</i> <i>For >250 To 500, Add 0.59</i>		
	09 97	13 24-0069	SF Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....8.49 <i>For Up To 100, Add 5.44</i> <i>For >100 To 250, Add 2.59</i> <i>For >250 To 500, Add 1.12</i>		
09 97 13 24-0070 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks <small>(09 97 13 24-0022)</small>					
	09 97	13 24-0071	SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....2.76 <i>For Up To 100, Add 1.45</i> <i>For >100 To 250, Add 0.71</i> <i>For >250 To 500, Add 0.31</i>		
	09 97	13 24-0072	SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....2.42 <i>For Up To 100, Add 1.20</i> <i>For >100 To 250, Add 0.59</i> <i>For >250 To 500, Add 0.26</i>		
	09 97	13 24-0073	SF Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....4.27 <i>For Up To 100, Add 2.58</i> <i>For >100 To 250, Add 1.24</i> <i>For >250 To 500, Add 0.54</i>		
	09 97	13 24-0074	SF Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....2.18 <i>For Up To 100, Add 1.15</i> <i>For >100 To 250, Add 0.56</i> <i>For >250 To 500, Add 0.25</i>		
	09 97	13 24-0075	SF Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats .....1.91 <i>For Up To 100, Add 0.95</i> <i>For >100 To 250, Add 0.47</i> <i>For >250 To 500, Add 0.21</i>		
	09 97	13 24-0076	SF Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats .....3.37 <i>For Up To 100, Add 2.04</i> <i>For >100 To 250, Add 0.98</i> <i>For >250 To 500, Add 0.42</i>		
09 97 13 24-0077 Two 8 Mil Coal Tar Epoxy Coats For Tanks <small>(09 97 13 24-0022)</small>					
	09 97	13 24-0078	SF Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats.....2.58 <i>For Up To 100, Add 1.59</i> <i>For >100 To 250, Add 0.76</i> <i>For >250 To 500, Add 0.33</i>		
	09 97	13 24-0079	SF Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats .....2.12 <i>For Up To 100, Add 1.24</i> <i>For >100 To 250, Add 0.60</i> <i>For >250 To 500, Add 0.26</i>		
	09 97	13 24-0080	SF Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats .....3.36 <i>For Up To 100, Add 2.17</i> <i>For >100 To 250, Add 1.03</i> <i>For >250 To 500, Add 0.45</i>		
09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks <small>(09 97 13 24-0022)</small>					
	09 97	13 24-0082	SF Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat .....1.78 <i>For Up To 100, Add 1.06</i> <i>For >100 To 250, Add 0.51</i> <i>For >250 To 500, Add 0.22</i>		
	09 97	13 24-0083	SF Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat .....1.62 <i>For Up To 100, Add 0.94</i> <i>For >100 To 250, Add 0.45</i> <i>For >250 To 500, Add 0.20</i>		
	09 97	13 24-0084	SF Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat .....2.77 <i>For Up To 100, Add 1.80</i> <i>For >100 To 250, Add 0.85</i> <i>For >250 To 500, Add 0.37</i>		
09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior <small>(09 97 13 24-0022)</small>					
	09 97	13 24-0086	SF Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....3.94 <i>For Up To 100, Add 2.44</i> <i>For >100 To 250, Add 1.16</i> <i>For >250 To 500, Add 0.51</i>		
	09 97	13 24-0087	SF Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....2.32 <i>For Up To 100, Add 1.27</i> <i>For >100 To 250, Add 0.62</i> <i>For >250 To 500, Add 0.27</i>		
09 97 13 24-0088 One 3 Mil High Zinc Silicate Coat For Tanks <small>(09 97 13 24-0022)</small>					

09 Finishes**09 90 Painting And Coating****09 97 Special Coatings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 97 13 24-0089	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.08	
		For Up To 100, Add	0.53	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.12	
09 97 13 24-0090	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.05	
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
09 97 13 24-0091	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	1.78	
		For Up To 100, Add	1.06	
		For >100 To 250, Add	0.51	
		For >250 To 500, Add	0.22	
09 97 13 24-0092		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
		Note: Installed over existing primer.		
09 97 13 24-0093	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.86	
		For Up To 100, Add	1.07	
		For >100 To 250, Add	0.52	
		For >250 To 500, Add	0.23	
09 97 13 24-0094	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.62	
		For Up To 100, Add	0.89	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.63	
		For Up To 100, Add	1.65	
		For >100 To 250, Add	0.79	
		For >250 To 500, Add	0.34	
09 97 13 24-0096		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	6.97	
		For Up To 100, Add	4.57	
		For >100 To 250, Add	2.16	
		For >250 To 500, Add	0.94	
09 97 26		Cementitious Coatings <small>(09 97)</small>		
09 97 26 13		Interior Cementitious Coatings <small>(09 97 26)</small>		
09 97 26 13-0001		Ceramic-Like Glazed Coating <small>(09 97 26 13)</small>		
09 97 26 13-0002		Ceramic-Like Glazed Coating, Cementitious <small>(09 97 26 13-0001)</small>		
09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.67	
09 97 26 13-0004		Ceramic-Like Glazed Coating, Resin Base <small>(09 97 26 13-0001)</small>		
09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	2.25	
09 97 35		Dry Erase Coatings <small>(09 97)</small>		
09 97 35 00-0001		Dry-Erase Paint <small>(09 97 35)</small>		
09 97 35 00-0002		Dry-Erase Paint (IdeaPaint™ PRO) <small>(09 97 35 00-0001)</small>		
09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	8.68	
		Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004		Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) <small>(09 97 35 00-0001)</small>		
09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	4.58	
		Note: For application over existing latex-based top coats.		
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	9.19	
		Note: Includes two coats of primer and white or black surface coat.		
09 97 63		Special Coatings and Protection Systems <small>(09 97)</small>		
09 97 63 00-0001		Acrylic Glazed Coating <small>(09 97 63)</small>		
09 97 63 00-0002	SF	Acrylic Glazed Coating	1.75	

END OF SECTION 09

		Specialties	10
		Operation And Maintenance Of Specialties	10 01
		Operation And Maintenance Of Safety Specialties	10 01 40
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	10

10 Specialties

10 01 Operation And Maintenance Of Specialties ⁽¹⁰⁾

10 01 40 Operation And Maintenance Of Safety Specialties ^(10 01)

10 01 40 00-0001	Recharge Existing Portable Fire Extinguishers ^(10 01 40)		
	Note: Includes removal, filling, testing, certification and reinstallation.		
10 01 40 00-0002	Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0003	EA Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher		10.33
10 01 40 00-0004	EA Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher		11.48
10 01 40 00-0005	EA Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher		11.94
10 01 40 00-0006	EA Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher		13.51
10 01 40 00-0007	EA Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher		15.61
10 01 40 00-0008	Recharge Dry Chemical, Class ABC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0009	EA Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher		12.46
10 01 40 00-0010	EA Recharge 5 LB Dry Chemical Portable Fire Extinguisher		15.09
10 01 40 00-0011	EA Recharge 10 LB Dry Chemical Portable Fire Extinguisher		21.32
10 01 40 00-0012	EA Recharge 20 LB Dry Chemical Portable Fire Extinguisher		33.65
10 01 40 00-0013	Recharge Other Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0014	EA Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher		12.33
10 01 40 00-0015	EA Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher.....		87.90
10 01 40 00-0016	EA Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher.....		123.07
10 01 40 00-0017	EA Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher.....		50.67

10 01 50 Operation And Maintenance Of Storage Specialties ^(10 01)

10 01 50 11 Operation And Maintenance Of Storage Specialties ^(10 01 50)

10 01 50 11-0001	Locker Repair And Refinishing ^(10 01 50 11)		
10 01 50 11-0002	EA Removal And Replacement Of Single Tier Locker Door.....		307.03
10 01 50 11-0003	EA Removal And Replacement Of Two Tier Locker Door		241.59
10 01 50 11-0004	EA Removal And Replacement Of Three Tier Locker Door		207.49
10 01 50 11-0005	EA Removal And Replacement Of Four Tier Locker Door		175.44
10 01 50 11-0006	EA Removal And Replacement Of Six Tier Or Sixteen Person Locker Door.....		99.19
10 01 50 11-0007	EA Realign Metal Locker Door For Proper Closure		36.67
10 01 50 11-0008	EA Patch Small Drill Holes In Locker.....		7.33

10 10 Information Specialties ⁽¹⁰⁾

10 11 Visual Display Units ^(10 10)

10 11 13 Chalkboards ^(10 11)

10 11 13 13 Fixed Chalkboards ^(10 11 13)

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	Porcelain Enamel Steel Chalkboards ^(10 11 13 13)		
10 11 13 13-0002	5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	43.05	8.62
	For >3 To 9, Deduct	-1.94	
	For >9, Deduct	-4.00	
10 11 13 13-0004	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	27.28	4.05
	For >3 To 9, Deduct	-1.44	
	For >9, Deduct	-2.97	
10 11 13 13-0005	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.59	3.50
	For >3 To 9, Deduct	-1.24	
	For >9, Deduct	-2.57	
10 11 13 13-0006	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	19.47	2.28
	For >3 To 9, Deduct	-1.12	
	For >9, Deduct	-2.31	
10 11 13 13-0007	SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	16.18	1.27
	For >3 To 9, Deduct	-1.02	
	For >9, Deduct	-2.12	
10 11 13 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		

10 Specialties**10 10 Information Specialties****10 11 Visual Display Units**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 11 13 13-0009	SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	45.45	8.62
	For >3 To 9, Deduct	-2.12	
	For >9, Deduct	-4.37	
10 11 13 13-0010	SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	29.62	4.05
	For >3 To 9, Deduct	-1.61	
	For >9, Deduct	-3.34	
10 11 13 13-0011	SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	25.74	3.50
	For >3 To 9, Deduct	-1.41	
	For >9, Deduct	-2.90	
10 11 13 13-0012	SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.08	2.28
	For >3 To 9, Deduct	-1.31	
	For >9, Deduct	-2.72	
10 11 13 13-0013	SF >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	18.73	1.27
	For >3 To 9, Deduct	-1.22	
	For >9, Deduct	-2.51	
10 11 13 13-0014	1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge		
	1600 Series) <small>(10 11 13 13-0001)</small>		
	Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	41.57	8.62
	For >3 To 9, Deduct	-1.83	
	For >9, Deduct	-3.77	
10 11 13 13-0016	SF >6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	25.77	4.05
	For >3 To 9, Deduct	-1.33	
	For >9, Deduct	-2.74	
10 11 13 13-0017	SF >12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	22.15	3.50
	For >3 To 9, Deduct	-1.14	
	For >9, Deduct	-2.35	
10 11 13 13-0018	SF >16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	18.26	2.28
	For >3 To 9, Deduct	-1.03	
	For >9, Deduct	-2.12	
10 11 13 13-0019	SF >24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	14.83	1.27
	For >3 To 9, Deduct	-0.92	
	For >9, Deduct	-1.91	
10 11 13 13-0020	Remove And Reinstall Chalkboards <small>(10 11 13 13)</small>		
10 11 13 13-0021	SF Removal And Reinstallation Of Chalkboard.....	10.55	
	For >3 To 9, Deduct	-0.03	
	For >9, Deduct	-0.07	
10 11 13 13-0022	Field Applied Chalkboard And Accessories <small>(10 11 13 13)</small>		
10 11 13 13-0023	Chalkboard Face Sheets And Panels <small>(10 11 13 13-0022)</small>		
10 11 13 13-0024	SF Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite).....	14.49	4.05
	Note: Includes porcelain enamel steel chalkboard skin.		
	For >3 To 9, Deduct	-0.52	
	For >9, Deduct	-1.07	
10 11 13 13-0025	SF Porcelain Enamel Steel Chalkboard Panel (Claridge VIT).....	17.15	4.05
	Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
	For >3 To 9, Deduct	-0.72	
	For >9, Deduct	-1.48	
10 11 13 13-0026	Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 13 13-0022)</small>		
10 11 13 13-0027	LF Chalk And Marker Tray, Field Applied	16.76	5.57
	For >3 To 9, Deduct	-0.41	
	For >9, Deduct	-0.85	
10 11 13 13-0028	PR Chalk And Marker Tray End Closures, Field Applied.....	24.56	10.13
	For >3 To 9, Deduct	-0.32	
	For >9, Deduct	-0.66	
10 11 13 13-0029	LF Mullion Trim For Chalkboards And Markerboards, Field Applied.....	12.99	5.57
	For >3 To 9, Deduct	-0.13	
	For >9, Deduct	-0.27	
10 11 13 13-0030	LF Screw On Trim For Chalkboards And Markerboards, Field Applied.....	13.28	5.57
	For >3 To 9, Deduct	-0.15	
	For >9, Deduct	-0.31	
10 11 13 13-0031	LF 1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	14.15	5.57
	For >3 To 9, Deduct	-0.22	
	For >9, Deduct	-0.45	
10 11 13 13-0032	LF 1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	14.88	5.57
	For >3 To 9, Deduct	-0.27	
	For >9, Deduct	-0.56	
10 11 13 13-0033	LF No Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	13.73	5.57
	For >3 To 9, Deduct	-0.18	
	For >9, Deduct	-0.38	
10 11 13 33	Rail-Mounted Chalkboards <small>(10 11 13)</small>		
10 11 13 33-0001	Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS		
	Series) <small>(10 11 13 33)</small>		
10 11 13 33-0002	Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel		
	Chalkboards <small>(10 11 13 33-0001)</small>		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	1,932.80	101.34
		<i>For >3 To 9, Deduct</i>	-129.76	
		<i>For >9, Deduct</i>	-268.17	
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,167.91	101.34
		<i>For >3 To 9, Deduct</i>	-147.39	
		<i>For >9, Deduct</i>	-304.61	
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,454.24	107.94
		<i>For >3 To 9, Deduct</i>	-167.88	
		<i>For >9, Deduct</i>	-346.95	
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,727.41	107.94
		<i>For >3 To 9, Deduct</i>	-188.37	
		<i>For >9, Deduct</i>	-389.29	
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,395.53	116.04
		<i>For >3 To 9, Deduct</i>	-237.26	
		<i>For >9, Deduct</i>	-490.33	
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,613.43	116.04
		<i>For >3 To 9, Deduct</i>	-253.60	
		<i>For >9, Deduct</i>	-524.11	
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,081.20	121.62
		<i>For >3 To 9, Deduct</i>	-287.85	
		<i>For >9, Deduct</i>	-594.89	
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,622.10	121.62
		<i>For >3 To 9, Deduct</i>	-328.42	
		<i>For >9, Deduct</i>	-678.72	
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel		
		Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,634.10	101.34
		<i>For >3 To 9, Deduct</i>	-182.36	
		<i>For >9, Deduct</i>	-376.87	
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,121.10	101.34
		<i>For >3 To 9, Deduct</i>	-218.88	
		<i>For >9, Deduct</i>	-452.35	
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,570.53	107.94
		<i>For >3 To 9, Deduct</i>	-251.60	
		<i>For >9, Deduct</i>	-519.97	
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,017.66	107.94
		<i>For >3 To 9, Deduct</i>	-285.14	
		<i>For >9, Deduct</i>	-589.28	
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,578.87	116.04
		<i>For >3 To 9, Deduct</i>	-326.01	
		<i>For >9, Deduct</i>	-673.75	
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,775.93	116.04
		<i>For >3 To 9, Deduct</i>	-340.79	
		<i>For >9, Deduct</i>	-704.30	
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,597.98	121.62
		<i>For >3 To 9, Deduct</i>	-401.61	
		<i>For >9, Deduct</i>	-829.99	
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,255.76	121.62
		<i>For >3 To 9, Deduct</i>	-450.94	
		<i>For >9, Deduct</i>	-931.94	
10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel		
		Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,933.11	101.34
		<i>For >3 To 9, Deduct</i>	-204.78	
		<i>For >9, Deduct</i>	-423.22	
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,331.31	101.34
		<i>For >3 To 9, Deduct</i>	-234.65	
		<i>For >9, Deduct</i>	-484.94	
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,763.53	107.94
		<i>For >3 To 9, Deduct</i>	-266.08	
		<i>For >9, Deduct</i>	-549.89	
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,220.62	107.94
		<i>For >3 To 9, Deduct</i>	-300.36	
		<i>For >9, Deduct</i>	-620.74	
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,108.02	116.04
		<i>For >3 To 9, Deduct</i>	-365.70	
		<i>For >9, Deduct</i>	-755.77	
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,317.76	116.04
		<i>For >3 To 9, Deduct</i>	-381.43	
		<i>For >9, Deduct</i>	-788.28	
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,276.64	121.62
		<i>For >3 To 9, Deduct</i>	-452.51	
		<i>For >9, Deduct</i>	-935.18	
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	7,004.69	121.62
		<i>For >3 To 9, Deduct</i>	-507.11	
		<i>For >9, Deduct</i>	-1,048.03	
10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10 11 13 33)</small>		
10 11 13 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small>		

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,306.54	101.34
		<i>For >3 To 9, Deduct</i>	-157.79	
		<i>For >9, Deduct</i>	-326.10	
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,543.46	101.34
		<i>For >3 To 9, Deduct</i>	-175.56	
		<i>For >9, Deduct</i>	-362.82	
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,780.86	107.94
		<i>For >3 To 9, Deduct</i>	-192.38	
		<i>For >9, Deduct</i>	-397.58	
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,192.19	107.94
		<i>For >3 To 9, Deduct</i>	-223.22	
		<i>For >9, Deduct</i>	-461.33	
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,496.50	116.04
		<i>For >3 To 9, Deduct</i>	-244.83	
		<i>For >9, Deduct</i>	-505.99	
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,876.12	116.04
		<i>For >3 To 9, Deduct</i>	-273.30	
		<i>For >9, Deduct</i>	-564.83	
10 11 13 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards ⁽¹⁰⁾				
		^{11 13 33-0029} EA 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,373.83	101.34
		<i>For >3 To 9, Deduct</i>	-237.84	
		<i>For >9, Deduct</i>	-491.53	
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,741.66	101.34
		<i>For >3 To 9, Deduct</i>	-265.42	
		<i>For >9, Deduct</i>	-548.54	
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,111.79	107.94
		<i>For >3 To 9, Deduct</i>	-292.19	
		<i>For >9, Deduct</i>	-603.87	
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,788.56	107.94
		<i>For >3 To 9, Deduct</i>	-342.95	
		<i>For >9, Deduct</i>	-708.77	
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,211.53	116.04
		<i>For >3 To 9, Deduct</i>	-373.46	
		<i>For >9, Deduct</i>	-771.81	
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,825.78	116.04
		<i>For >3 To 9, Deduct</i>	-419.53	
		<i>For >9, Deduct</i>	-867.02	
10 11 13 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards				
		^(10 11 13 33-0029) EA 8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,599.68	101.34
		<i>For >3 To 9, Deduct</i>	-329.77	
		<i>For >9, Deduct</i>	-681.53	
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,101.14	101.34
		<i>For >3 To 9, Deduct</i>	-367.38	
		<i>For >9, Deduct</i>	-759.26	
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,604.90	107.94
		<i>For >3 To 9, Deduct</i>	-404.18	
		<i>For >9, Deduct</i>	-835.30	
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,546.21	107.94
		<i>For >3 To 9, Deduct</i>	-474.78	
		<i>For >9, Deduct</i>	-981.20	
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,098.72	116.04
		<i>For >3 To 9, Deduct</i>	-515.00	
		<i>For >9, Deduct</i>	-1,064.33	
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,963.91	116.04
		<i>For >3 To 9, Deduct</i>	-579.89	
		<i>For >9, Deduct</i>	-1,198.43	
10 11 13 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards				
		(Claridge MO Series) ^(10 11 13 33)		
		Note: Excludes remotes.		
10 11 13 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards ^(10 11 13 33-0051)				
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,386.18	202.69
		<i>For >3 To 9, Deduct</i>	-523.56	
		<i>For >9, Deduct</i>	-1,082.02	
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,596.03	202.69
		<i>For >3 To 9, Deduct</i>	-539.30	
		<i>For >9, Deduct</i>	-1,114.55	
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,831.23	209.03
		<i>For >3 To 9, Deduct</i>	-555.99	
		<i>For >9, Deduct</i>	-1,149.04	
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,215.59	209.03
		<i>For >3 To 9, Deduct</i>	-584.82	
		<i>For >9, Deduct</i>	-1,208.62	
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,641.62	215.36
		<i>For >3 To 9, Deduct</i>	-615.82	
		<i>For >9, Deduct</i>	-1,272.69	
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,012.38	215.36
		<i>For >3 To 9, Deduct</i>	-643.62	
		<i>For >9, Deduct</i>	-1,330.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0059 EA 10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	9,821.67 -702.42 -1,451.67	228.03
10 11 13 33-0060 EA 10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	9,924.23 -710.11 -1,467.57	228.03
10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (10 11 13 33-0051)		
10 11 13 33-0062 EA 10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	11,596.19 -839.31 -1,734.58	202.69
10 11 13 33-0063 EA 10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	11,873.63 -860.12 -1,777.58	202.69
10 11 13 33-0064 EA 10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	12,184.59 -882.49 -1,823.81	209.03
10 11 13 33-0065 EA 10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	12,749.44 -924.85 -1,911.37	209.03
10 11 13 33-0066 EA 10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	13,312.46 -966.13 -1,996.67	215.36
10 11 13 33-0067 EA 10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	13,849.22 -1,006.39 -2,079.87	215.36
10 11 13 33-0068 EA 10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	14,941.38 -1,086.40 -2,245.22	228.03
10 11 13 33-0069 EA 10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	15,103.93 -1,098.59 -2,270.42	228.03
10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (10 11 13 33-0051)		
10 11 13 33-0071 EA 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	15,053.25 -1,098.59 -2,270.42	202.69
10 11 13 33-0072 EA 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	15,753.47 -1,151.11 -2,378.95	202.69
10 11 13 33-0073 EA 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	16,125.67 -1,178.07 -2,434.68	209.03
10 11 13 33-0074 EA 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	16,860.14 -1,233.16 -2,548.52	209.03
10 11 13 33-0075 EA 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	17,633.55 -1,290.21 -2,666.44	215.36
10 11 13 33-0076 EA 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	18,376.18 -1,345.91 -2,781.55	215.36
10 11 13 33-0077 EA 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	19,843.64 -1,454.07 -3,005.07	228.03
10 11 13 33-0078 EA 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard..... For >3 To 9, Deduct For >9, Deduct	20,129.59 -1,475.51 -3,049.40	228.03
10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories (10 11 13 33)		
10 11 13 33-0080 EA One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard..... For >3 To 9, Deduct For >9, Deduct	552.87 -40.71 -84.12	
10 11 13 33-0081 EA Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard..... For >3 To 9, Deduct For >9, Deduct	943.39 -69.99 -144.66	
10 11 16 Markerboards (10 11)		
10 11 16 13 Fixed Markerboards (10 11 16)		
Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10 11 16 13-0001 Porcelain Enamel Steel Markerboards (10 11 16 13)		
10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) (10 11 16 13-0001)		
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003 SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	43.20	8.62
10 11 16 13-0004 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	27.81	4.05
10 11 16 13-0005 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	23.59	3.50

10	10	Specialties
	10 10	Information Specialties
	10 11	Visual Display Units



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
10 11 16 13-0006 SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.66 2.28
10 11 16 13-0007 SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	15.97 1.27
10 11 16 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) (10 11 16 13-0001)	
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.	
10 11 16 13-0009 SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	45.48 8.62
10 11 16 13-0010 SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.49 4.05
10 11 16 13-0011 SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	24.61 3.50
10 11 16 13-0012 SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	20.94 2.28
10 11 16 13-0013 SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	18.07 1.27
10 11 16 13-0014	1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) (10 11 16 13-0001)	
	Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.	
10 11 16 13-0015 SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	41.56 8.62
10 11 16 13-0016 SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	25.78 4.05
10 11 16 13-0017 SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	23.25 3.50
10 11 16 13-0018 SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	18.38 2.28
10 11 16 13-0019 SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	14.57 1.27
10 11 16 13-0020	Melamine Markerboards (10 11 16 13)	
10 11 16 13-0021	1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)	
	Note: Includes full length map rail, map hooks, marker tray and mounting hardware.	
10 11 16 13-0022 SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	34.60 8.62
10 11 16 13-0023 SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	20.98 4.05
10 11 16 13-0024 SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	18.21 3.50
10 11 16 13-0025 SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	13.62 2.28
10 11 16 13-0026 SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	10.95 1.27
10 11 16 13-0027	1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)	
	Note: Includes marker tray and mounting hardware.	
10 11 16 13-0028 SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	33.82 8.62
10 11 16 13-0029 SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	20.62 4.05
10 11 16 13-0030 SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	17.70 3.50
10 11 16 13-0031 SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.71 2.28
10 11 16 13-0032 SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	10.12 1.27
10 11 16 13-0033	Nonporous, Non-Staining Markerboards (10 11 16 13)	
10 11 16 13-0034	5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)	
	Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.	
10 11 16 13-0035 SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	37.72 8.62
	<i>For Magnetic Surface, Add</i>	2.05
10 11 16 13-0036 SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	23.69 4.05
	<i>For Magnetic Surface, Add</i>	1.56
10 11 16 13-0037 SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	20.45 3.50
	<i>For Magnetic Surface, Add</i>	1.35
10 11 16 13-0038 SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.48 2.28
	<i>For Magnetic Surface, Add</i>	1.29
10 11 16 13-0039 SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.58 1.27
	<i>For Magnetic Surface, Add</i>	1.21
10 11 16 13-0040	1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)	
	Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.	
10 11 16 13-0041 SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	37.72 8.62
	<i>For Magnetic Surface, Add</i>	2.05
10 11 16 13-0042 SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	23.69 4.05
	<i>For Magnetic Surface, Add</i>	1.56
10 11 16 13-0043 SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	20.45 3.50
	<i>For Magnetic Surface, Add</i>	1.35
10 11 16 13-0044 SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.48 2.28
	<i>For Magnetic Surface, Add</i>	1.29
10 11 16 13-0045 SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.58 1.27
	<i>For Magnetic Surface, Add</i>	1.21
10 11 16 13-0046	1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)	
	Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0047 SF Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	63.12 4.59	8.62
10 11 16 13-0048 SF >6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	38.95 3.09	4.05
10 11 16 13-0049 SF >12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	32.98 2.60	3.50
10 11 16 13-0050 SF >16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	27.39 2.28	2.28
10 11 16 13-0051 SF >24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	20.91 1.84	1.27
10 11 16 13-0052 Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) <small>(10 11 16 13-0033)</small> Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053 SF Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	16.69	3.50
10 11 16 13-0054 SF >16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	13.75	2.28
10 11 16 13-0055 SF >24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	11.09	1.27
10 11 16 13-0056 Remove And Reinstall Markerboard <small>(10 11 16 13)</small>		
10 11 16 13-0057 EA Up To 6 SF, Removal And Reinstallation Of Markerboard	60.81	
10 11 16 13-0058 EA >6 To 12 SF, Removal And Reinstallation Of Markerboard	70.94	
10 11 16 13-0059 EA >12 To 16 SF, Removal And Reinstallation Of Markerboard	81.08	
10 11 16 13-0060 EA >16 To 24 SF, Removal And Reinstallation Of Markerboard	91.21	
10 11 16 13-0061 EA >24 SF, Removal And Reinstallation Of Markerboard	101.34	
10 11 16 13-0062 Field Applied Markerboard And Accessories <small>(10 11 16 13)</small>		
10 11 16 13-0063 Markerboard Face Sheets And Panels <small>(10 11 16 13-0062)</small>		
10 11 16 13-0064 SF Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	14.27	4.05
10 11 16 13-0065 SF Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	16.66	4.05
10 11 16 13-0066 SF Porcelain Enamel Steel Markerboard Panel (Claridge LCS)..... Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	16.61	4.05
10 11 16 13-0067 SF Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	9.94	4.05
10 11 16 13-0068 Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 16 13-0062)</small> See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33 Rail-Mounted Markerboards <small>(10 11 16)</small>		
10 11 16 33-0001 Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) <small>(10 11 16 33)</small>		
10 11 16 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0003 EA 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	1,909.74	101.34
10 11 16 33-0004 EA 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,137.17	101.34
10 11 16 33-0005 EA 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,415.82	107.94
10 11 16 33-0006 EA 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,681.30	107.94
10 11 16 33-0007 EA 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,341.75	116.04
10 11 16 33-0008 EA 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,551.96	116.04
10 11 16 33-0009 EA 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,004.37	121.62
10 11 16 33-0010 EA 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,529.89	121.62
10 11 16 33-0011 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0012 EA 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,611.05	101.34
10 11 16 33-0013 EA 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,090.37	101.34
10 11 16 33-0014 EA 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,532.11	107.94
10 11 16 33-0015 EA 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,971.56	107.94
10 11 16 33-0016 EA 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,525.09	116.04
10 11 16 33-0017 EA 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,714.46	116.04
10 11 16 33-0018 EA 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,521.15	121.62
10 11 16 33-0019 EA 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,163.56	121.62
10 11 16 33-0020 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0021 EA 4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,910.06	101.34
10 11 16 33-0022 EA 4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,300.58	101.34
10 11 16 33-0023 EA 4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,725.11	107.94
10 11 16 33-0024 EA 4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,174.52	107.94
10 11 16 33-0025 EA 4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,054.24	116.04

10 Specialties

10 10 Information Specialties

10 11 Visual Display Units

	MINOR			TOTAL DIRECT	DEMOLITION
	CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 11 16 33-0026	EA		4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,256.29	116.04
10 11 16 33-0027	EA		4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	6,199.80	121.62
10 11 16 33-0028	EA		4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	6,935.54	121.62
10 11 16 33-0029			Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) (10 11 16 33)		
10 11 16 33-0030			One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)		
10 11 16 33-0031	EA		8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,275.80	101.34
10 11 16 33-0032	EA		8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,505.04	101.34
10 11 16 33-0033	EA		8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,734.76	107.94
10 11 16 33-0034	EA		8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,130.72	107.94
10 11 16 33-0035	EA		8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,419.67	116.04
10 11 16 33-0036	EA		8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,783.91	116.04
10 11 16 33-0037			Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)		
10 11 16 33-0038	EA		8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,312.36	101.34
10 11 16 33-0039	EA		8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,664.82	101.34
10 11 16 33-0040	EA		8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,019.58	107.94
10 11 16 33-0041	EA		8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,665.62	107.94
10 11 16 33-0042	EA		8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,057.86	116.04
10 11 16 33-0043	EA		8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,641.38	116.04
10 11 16 33-0044			Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0029)		
10 11 16 33-0045	EA		8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,507.48	101.34
10 11 16 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,985.89	101.34
10 11 16 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,466.59	107.94
10 11 16 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	6,361.80	107.94
10 11 16 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	6,868.21	116.04
10 11 16 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,687.31	116.04
10 11 16 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) (10 11 16 33)		
			Note: Excludes remotes.		
10 11 16 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)		
10 11 16 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,347.76	202.69
10 11 16 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,548.01	202.69
10 11 16 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,773.61	209.03
10 11 16 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,138.76	209.03
10 11 16 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,545.57	215.36
10 11 16 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,897.13	215.36
10 11 16 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,687.20	228.03
10 11 16 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,770.56	228.03
10 11 16 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)		
10 11 16 33-0062	EA		10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,519.36	202.69
10 11 16 33-0063	EA		10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,777.59	202.69
10 11 16 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,069.33	209.03
10 11 16 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,595.77	209.03
10 11 16 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,120.37	215.36
10 11 16 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,618.71	215.36
10 11 16 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,672.46	228.03
10 11 16 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,796.59	228.03
10 11 16 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0051)		
10 11 16 33-0071	EA		10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,938.00	202.69
10 11 16 33-0072	EA		10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,609.40	202.69
10 11 16 33-0073	EA		10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,952.79	209.03
10 11 16 33-0074	EA		10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,629.63	209.03
10 11 16 33-0075	EA		10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,345.42	215.36
10 11 16 33-0076	EA		10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	18,030.42	215.36
10 11 16 33-0077	EA		10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	19,440.25	228.03
10 11 16 33-0078	EA		10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	19,668.58	228.03
10 11 16 33-0079			Sliding Chalkboard And Markerboard Accessories (10 11 16 33)		
			See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23			Tackboards (10 11)		

		Specialties	10
		Information Specialties	10 10
		Visual Display Units	10 11
MINOR			TOTAL DIRECT
CSI UOM DESCRIPTION			UNIT COST
		DEMOLITION	
		UNIT COST	

10 11 23 13	Fixed Tackboards <small>(10 11 23)</small> Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-001	Fixed Tackboards <small>(10 11 23 13)</small> Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-002	Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-003	5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-004	SF Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	29.39	8.62
10 11 23 13-005	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	16.56	4.05
10 11 23 13-006	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	14.36	3.50
10 11 23 13-007	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	11.36	2.28
10 11 23 13-008	SF >24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	9.16	1.27
10 11 23 13-009	1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-010	SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	30.82	8.62
10 11 23 13-011	SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	17.22	4.05
10 11 23 13-012	SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	14.02	3.50
10 11 23 13-013	SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.83	2.28
10 11 23 13-014	SF >24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	8.33	1.27
10 11 23 13-015	1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-016	SF Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	30.97	8.62
10 11 23 13-017	SF >6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	18.62	4.05
10 11 23 13-018	SF >12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	17.19	3.50
10 11 23 13-019	SF >16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	13.13	2.28
10 11 23 13-020	SF >24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	10.26	1.27
10 11 23 13-021	Burlap Backed Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-022	5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0021)</small>		
10 11 23 13-023	SF Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	33.54	8.62
10 11 23 13-024	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	21.54	4.05
10 11 23 13-025	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.63	3.50
10 11 23 13-026	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	16.64	2.28
10 11 23 13-027	SF >24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	14.54	1.27
10 11 23 13-028	1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0021)</small>		
10 11 23 13-029	SF Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	37.01	8.62
10 11 23 13-030	SF >6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	25.25	4.05
10 11 23 13-031	SF >12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	23.37	3.50
10 11 23 13-032	SF >16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.36	2.28
10 11 23 13-033	SF >24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	16.52	1.27
10 11 23 13-034	Polyester Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-035	5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0034)</small>		
10 11 23 13-036	SF Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	30.37	8.62
10 11 23 13-037	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	17.76	4.05
10 11 23 13-038	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	15.72	3.50
10 11 23 13-039	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	12.75	2.28
10 11 23 13-040	SF >24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	10.40	1.27
10 11 23 13-041	1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0034)</small>		
10 11 23 13-042	SF Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	32.33	8.62
10 11 23 13-043	SF >6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	20.32	4.05
10 11 23 13-044	SF >12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	18.78	3.50
10 11 23 13-045	SF >16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	14.87	2.28
10 11 23 13-046	SF >24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	12.07	1.27
10 11 23 13-047	Vinyl Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-048	5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0047)</small>		

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	29.39	8.62
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	16.63	4.05
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	14.48	3.50
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	11.36	2.28
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	8.99	1.27

10 11 23 13-0054 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) (10 11 23 13-0047)

10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	30.97	8.62
10 11 23 13-0056	EA	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	19.32	4.05
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	17.19	3.50
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	13.13	2.28
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	10.26	1.27

10 12 Display Cases (10 10)

10 12 00 00-0001 Counter Display Cases (10 12)

10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases.....	1,084.82	155.27
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases.....	1,164.33	155.27
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases.....	1,131.95	155.27
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases.....	1,073.52	69.01

10 12 00 00-0006 Upright Display Case (10 12)

10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case.....	2,163.45	155.27
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10 12 00 00-0008 Full Vision Display Case (10 12)

10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case.....	1,444.33	155.27
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10 13 Directories (10 10)

10 13 11 Directory And Bulletin Boards (10 13)

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001 Wall Mounted Directories (10 13 11)
Note: Includes changeable letters.

10 13 11 00-0002 Open Face, Wall Mounted Directories (10 13 11 00-0001)
Note: Includes vinyl or felt back panel.

10 13 11 00-0003 Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) (10 13 11 00-0002)

10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory.....	47.73	8.62
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory.....	30.98	4.05
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	28.14	3.50
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	21.44	2.28
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	17.03	1.27

10 13 11 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) (10 13 11 00-0002)

10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	48.19	8.62
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	31.28	4.05
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	28.75	3.50
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	20.45	2.28
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	17.48	1.27
		<i>For Bronze Anodize Finish, Add</i>	12.00	

10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets (10 13 11 00-0001)
Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (10 13 11 00-0015)

10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) (10 13 11 00-0016)

10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	115.84	8.62
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	92.44	4.05
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	77.45	3.50
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	71.57	2.28
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	64.60	1.27
		<i>For Fluorescent Lights, Add</i>	15.00	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 13 11 00-0023	Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) <small>(10 13 11 00-0016)</small>			
10 13 11 00-0024	SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	99.83	15.00	8.62
10 13 11 00-0025	SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	79.97	15.00	3.50
10 13 11 00-0026	SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	57.30	15.00	2.28
10 13 11 00-0027	SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i>	51.46	15.00	1.27
10 13 11 00-0028	Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0015)</small>			
10 13 11 00-0029	Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>			
10 13 11 00-0030	SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	103.84	15.00 12.00 17.32	8.62
10 13 11 00-0031	SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	79.99	15.00 12.00 14.38	4.05
10 13 11 00-0032	SF >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	67.72	15.00 12.00 12.14	3.50
10 13 11 00-0033	SF >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	49.72	15.00 12.00 9.03	2.28
10 13 11 00-0034	SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	46.25	15.00 12.00 8.74	1.27
10 13 11 00-0035	Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>			
10 13 11 00-0036	SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	159.26	15.00 12.00 28.41	8.62
10 13 11 00-0037	SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	92.38	15.00 12.00 16.86	4.05
10 13 11 00-0038	SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	77.86	15.00 12.00 14.17	3.50
10 13 11 00-0039	SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	59.95	15.00 12.00 11.08	2.28
10 13 11 00-0040	SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	55.32	15.00 12.00 10.56	1.27
10 13 11 00-0041	Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.			
10 13 11 00-0042	Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0041)</small>			
10 13 11 00-0043	Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) <small>(10 13 11 00-0042)</small>			
10 13 11 00-0044	SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	156.46	15.00 12.00	8.62
10 13 11 00-0045	SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	104.23	15.00 12.00	4.05
10 13 11 00-0046	SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	101.23	15.00 12.00	3.50
10 13 11 00-0047	Wall Mounted Bulletin Boards <small>(10 13 11)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0048			Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0049			Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0050			Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0051	SF		Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	113.12 15.00	8.62
10 13 11 00-0052	SF		>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	90.40 15.00	4.05
10 13 11 00-0053	SF		>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	75.41 15.00	3.50
10 13 11 00-0054	SF		>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	69.65 15.00	2.28
10 13 11 00-0055	SF		>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	63.69 15.00	1.27
10 13 11 00-0056			Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0057	SF		Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	95.00 15.00	8.62
10 13 11 00-0058	SF		>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	75.38 15.00	3.50
10 13 11 00-0059	SF		>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	53.75 15.00	2.28
10 13 11 00-0060	SF		>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i>	48.74 15.00	1.27
10 13 11 00-0061			Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0062			Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		
10 13 11 00-0063	SF		Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	106.33 15.00 12.00 17.82	8.62
10 13 11 00-0064	SF		>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	82.47 15.00 12.00 14.87	4.05
10 13 11 00-0065	SF		>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	70.20 15.00 12.00 12.64	3.50
10 13 11 00-0066	SF		>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	52.20 15.00 12.00 9.53	2.28
10 13 11 00-0067	SF		>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	48.74 15.00 12.00 9.24	1.27
10 13 11 00-0068			Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		
10 13 11 00-0069	SF		Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	161.75 15.00 12.00 28.90	8.62
10 13 11 00-0070	SF		>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	94.86 15.00 12.00 17.35	4.05
10 13 11 00-0071	SF		>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	80.34 15.00 12.00 14.67	3.50
10 13 11 00-0072	SF		>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	62.44 15.00 12.00 11.58	2.28
10 13 11 00-0073	SF		>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	57.80 15.00 12.00 11.05	1.27
10 13 11 00-0074			Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 13 11 00-0075	Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0074)</small>		
10 13 11 00-0076	Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0075)</small>		
10 13 11 00-0077	SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	153.98 15.00 12.00	8.62
10 13 11 00-0078	SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	101.75 15.00 12.00	4.05
10 13 11 00-0079	SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	98.77 15.00 12.00	3.50

10 14 Signage (10 10)

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

10 14 19 Dimensional Letter Signage (10 14)

Note: Mounted on masonry or concrete.

10 14 19 00-0001	Cast Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0002	Satin Finish, Cast Aluminum Characters <small>(10 14 19 00-0001)</small>		
10 14 19 00-0003	EA 2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	41.70 -4.62 1.64 4.91 6.55 8.19	6.33
10 14 19 00-0004	EA 3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	48.78 -5.18 2.14 6.43 8.57 10.71	6.83
10 14 19 00-0005	EA 4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	53.32 -5.60 2.39 7.18 9.58 11.97	7.35
10 14 19 00-0006	EA 5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	61.15 -6.40 2.77 8.32 11.09 13.86	8.41
10 14 19 00-0007	EA 6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	66.96 -6.89 3.15 9.45 12.60 15.75	8.86
10 14 19 00-0008	EA 8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	79.59 -8.03 3.91 11.72 15.62 19.53	10.13
10 14 19 00-0009	EA 9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	87.91 -8.65 4.54 13.61 18.14 22.68	10.64
10 14 19 00-0010	EA 10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	99.77 -9.55 5.42 16.25 21.67 27.09	11.40
10 14 19 00-0011	EA 12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	120.72 -11.30 6.80 20.41 27.22 34.02	13.17
10 14 19 00-0012	EA 14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Patina Finish, Add</i> <i>For Color Anodized, Add</i>	143.95 -13.28 8.32 24.95 33.26 41.58	15.20

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs		158.29	16.89
		<i>For Installation With Adhesive, Deduct</i>		-14.67	
		<i>For Clear Anodized, Add</i>		9.07	
		<i>For Satin Face And Enameled Return, Add</i>		27.22	
		<i>For Patina Finish, Add</i>		36.29	
		<i>For Color Anodized, Add</i>		45.36	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs		176.27	18.24
		<i>For Installation With Adhesive, Deduct</i>		-16.11	
		<i>For Clear Anodized, Add</i>		10.33	
		<i>For Satin Face And Enameled Return, Add</i>		31.00	
		<i>For Patina Finish, Add</i>		41.33	
		<i>For Color Anodized, Add</i>		51.66	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs		212.09	20.26
		<i>For Installation With Adhesive, Deduct</i>		-18.71	
		<i>For Clear Anodized, Add</i>		13.10	
		<i>For Satin Face And Enameled Return, Add</i>		39.31	
		<i>For Patina Finish, Add</i>		52.42	
		<i>For Color Anodized, Add</i>		65.52	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs		254.98	22.79
		<i>For Installation With Adhesive, Deduct</i>		-21.87	
		<i>For Clear Anodized, Add</i>		16.38	
		<i>For Satin Face And Enameled Return, Add</i>		49.14	
		<i>For Patina Finish, Add</i>		65.52	
		<i>For Color Anodized, Add</i>		81.90	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs		305.43	25.32
		<i>For Installation With Adhesive, Deduct</i>		-25.40	
		<i>For Clear Anodized, Add</i>		20.41	
		<i>For Satin Face And Enameled Return, Add</i>		61.24	
		<i>For Patina Finish, Add</i>		81.65	
		<i>For Color Anodized, Add</i>		102.06	
10 14 19 00-0018		Satin Finish, Cast Bronze Characters <small>(10 14 19 00-0001)</small>			
10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		51.40	6.97
		<i>For Installation With Adhesive, Deduct</i>		-5.36	
		<i>For Oxidized Finish, Add</i>		3.53	
		<i>For Polished Or Patina Finish, Add</i>		7.06	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		71.87	7.60
		<i>For Installation With Adhesive, Deduct</i>		-6.63	
		<i>For Oxidized Finish, Add</i>		6.22	
		<i>For Polished Or Patina Finish, Add</i>		12.44	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		78.39	8.10
		<i>For Installation With Adhesive, Deduct</i>		-7.16	
		<i>For Oxidized Finish, Add</i>		6.90	
		<i>For Polished Or Patina Finish, Add</i>		13.79	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		94.77	9.11
		<i>For Installation With Adhesive, Deduct</i>		-8.39	
		<i>For Oxidized Finish, Add</i>		8.75	
		<i>For Polished Or Patina Finish, Add</i>		17.49	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		105.15	9.73
		<i>For Installation With Adhesive, Deduct</i>		-9.16	
		<i>For Oxidized Finish, Add</i>		9.92	
		<i>For Polished Or Patina Finish, Add</i>		19.85	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		138.76	11.15
		<i>For Installation With Adhesive, Deduct</i>		-11.40	
		<i>For Oxidized Finish, Add</i>		14.13	
		<i>For Polished Or Patina Finish, Add</i>		28.25	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		157.60	11.65
		<i>For Installation With Adhesive, Deduct</i>		-12.54	
		<i>For Oxidized Finish, Add</i>		16.65	
		<i>For Polished Or Patina Finish, Add</i>		33.30	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		176.23	12.66
		<i>For Installation With Adhesive, Deduct</i>		-13.88	
		<i>For Oxidized Finish, Add</i>		18.84	
		<i>For Polished Or Patina Finish, Add</i>		37.67	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		209.00	14.69
		<i>For Installation With Adhesive, Deduct</i>		-16.33	
		<i>For Oxidized Finish, Add</i>		22.54	
		<i>For Polished Or Patina Finish, Add</i>		45.07	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		245.14	16.71
		<i>For Installation With Adhesive, Deduct</i>		-18.94	
		<i>For Oxidized Finish, Add</i>		26.74	
		<i>For Polished Or Patina Finish, Add</i>		53.48	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		290.71	20.26
		<i>For Installation With Adhesive, Deduct</i>		-22.64	
		<i>For Oxidized Finish, Add</i>		31.45	
		<i>For Polished Or Patina Finish, Add</i>		62.90	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		302.40	21.78
		<i>For Installation With Adhesive, Deduct</i>		-23.83	
		<i>For Oxidized Finish, Add</i>		32.29	
		<i>For Polished Or Patina Finish, Add</i>		64.58	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		425.33	25.32
		<i>For Installation With Adhesive, Deduct</i>		-31.40	
		<i>For Oxidized Finish, Add</i>		48.60	
		<i>For Polished Or Patina Finish, Add</i>		97.21	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....		510.87	28.50
		<i>For Installation With Adhesive, Deduct</i>		-36.94	
		<i>For Oxidized Finish, Add</i>		59.54	
		<i>For Polished Or Patina Finish, Add</i>		119.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0033	EA 24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	647.46 -45.54 77.36 154.73	32.92
10 14 19 00-0034	Molded Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0035	Molded Plastic Characters <small>(10 14 19 00-0034)</small>		
10 14 19 00-0036	EA 4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	30.13 -3.53	5.06
10 14 19 00-0037	EA 5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	32.77 -3.87	5.57
10 14 19 00-0038	EA 6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	36.08 -4.24	6.08
10 14 19 00-0039	EA 8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	44.41 -4.85	6.58
10 14 19 00-0040	EA 9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	47.96 -5.24	7.10
10 14 19 00-0041	EA 10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	51.81 -5.63	7.60
10 14 19 00-0042	EA 12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	60.41 -6.57	8.86
10 14 19 00-0043	EA 15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	78.80 -8.40	11.15
10 14 19 00-0044	EA 18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	98.80 -10.21	13.17
10 14 19 00-0045	EA 24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	141.38 -13.55	16.21
10 14 19 00-0046	EA 30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	202.38 -17.72	18.99
10 14 19 00-0047	EA 36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	260.96 -21.76	21.78
10 14 19 00-0048	EA 48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i>	470.77 -35.19	29.12
10 14 19 00-0049	Cutout Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0050	Satin Finish, Aluminum Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0051	1/4" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0052	EA 2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	39.18 -4.49 1.39 4.85 6.93 6.93 10.40	6.33
10 14 19 00-0053	EA 4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	53.32 -5.60 2.39 8.38 11.97 11.97 17.96	7.35
10 14 19 00-0054	EA 6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	70.74 -7.08 3.53 12.35 17.64 17.64 26.46	8.86
10 14 19 00-0055	EA 8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	85.89 -8.35 4.54 15.88 22.68 22.68 34.02	10.13
10 14 19 00-0056	EA 10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	98.51 -9.48 5.29 18.52 26.46 26.46 39.69	11.40
10 14 19 00-0057	EA 12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	113.16 -10.93 6.05 21.17 30.24 30.24 45.36	13.17

10 Specialties

10 10 Information Specialties

10 14 Signage

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0058	EA	14"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	132.61	15.20
			<i>For Installation With Adhesive, Deduct</i>	-12.71	
			<i>For Clear Anodized, Add</i>	7.18	
			<i>For Satin Face And Enameled Return, Add</i>	25.14	
			<i>For Color Anodized, Add</i>	35.91	
			<i>For Polished Or Patina Finish, Add</i>	35.91	
			<i>For Polished Anodized Finish, Add</i>	53.87	
10 14 19 00-0059	EA	16"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	157.37	18.24
			<i>For Installation With Adhesive, Deduct</i>	-15.16	
			<i>For Clear Anodized, Add</i>	8.44	
			<i>For Satin Face And Enameled Return, Add</i>	29.55	
			<i>For Color Anodized, Add</i>	42.21	
			<i>For Polished Or Patina Finish, Add</i>	42.21	
			<i>For Polished Anodized Finish, Add</i>	63.32	
10 14 19 00-0060	EA	18"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	176.81	20.26
			<i>For Installation With Adhesive, Deduct</i>	-16.95	
			<i>For Clear Anodized, Add</i>	9.58	
			<i>For Satin Face And Enameled Return, Add</i>	33.52	
			<i>For Color Anodized, Add</i>	47.88	
			<i>For Polished Or Patina Finish, Add</i>	47.88	
			<i>For Polished Anodized Finish, Add</i>	71.82	
10 14 19 00-0061	EA	20"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	210.88	22.79
			<i>For Installation With Adhesive, Deduct</i>	-19.66	
			<i>For Clear Anodized, Add</i>	11.97	
			<i>For Satin Face And Enameled Return, Add</i>	41.90	
			<i>For Color Anodized, Add</i>	59.85	
			<i>For Polished Or Patina Finish, Add</i>	59.85	
			<i>For Polished Anodized Finish, Add</i>	89.78	
10 14 19 00-0062	EA	22"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	239.89	24.06
			<i>For Installation With Adhesive, Deduct</i>	-21.62	
			<i>For Clear Anodized, Add</i>	14.36	
			<i>For Satin Face And Enameled Return, Add</i>	50.27	
			<i>For Color Anodized, Add</i>	71.82	
			<i>For Polished Or Patina Finish, Add</i>	71.82	
			<i>For Polished Anodized Finish, Add</i>	107.73	
10 14 19 00-0063	EA	24"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	292.83	25.32
			<i>For Installation With Adhesive, Deduct</i>	-24.77	
			<i>For Clear Anodized, Add</i>	19.15	
			<i>For Satin Face And Enameled Return, Add</i>	67.03	
			<i>For Color Anodized, Add</i>	95.76	
			<i>For Polished Or Patina Finish, Add</i>	95.76	
			<i>For Polished Anodized Finish, Add</i>	143.64	
10 14 19 00-0064	EA	30"	High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	413.48	30.39
			<i>For Installation With Adhesive, Deduct</i>	-32.83	
			<i>For Clear Anodized, Add</i>	29.19	
			<i>For Satin Face And Enameled Return, Add</i>	102.17	
			<i>For Color Anodized, Add</i>	145.95	
			<i>For Polished Or Patina Finish, Add</i>	145.95	
			<i>For Polished Anodized Finish, Add</i>	218.93	
10 14 19 00-0065			3/8" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0060)		
10 14 19 00-0066	EA	2"	High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	48.05	6.33
			<i>For Installation With Adhesive, Deduct</i>	-4.93	
			<i>For Clear Anodized, Add</i>	2.27	
			<i>For Satin Face And Enameled Return, Add</i>	7.96	
			<i>For Color Anodized, Add</i>	11.37	
			<i>For Polished Or Patina Finish, Add</i>	11.37	
			<i>For Polished Anodized Finish, Add</i>	17.05	
10 14 19 00-0067	EA	4"	High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	67.21	7.35
			<i>For Installation With Adhesive, Deduct</i>	-6.30	
			<i>For Clear Anodized, Add</i>	3.78	
			<i>For Satin Face And Enameled Return, Add</i>	13.24	
			<i>For Color Anodized, Add</i>	18.92	
			<i>For Polished Or Patina Finish, Add</i>	18.92	
			<i>For Polished Anodized Finish, Add</i>	28.37	
10 14 19 00-0068	EA	6"	High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	84.50	8.86
			<i>For Installation With Adhesive, Deduct</i>	-7.77	
			<i>For Clear Anodized, Add</i>	4.90	
			<i>For Satin Face And Enameled Return, Add</i>	17.16	
			<i>For Color Anodized, Add</i>	24.52	
			<i>For Polished Or Patina Finish, Add</i>	24.52	
			<i>For Polished Anodized Finish, Add</i>	36.78	
10 14 19 00-0069	EA	8"	High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	104.94	10.13
			<i>For Installation With Adhesive, Deduct</i>	-9.30	
			<i>For Clear Anodized, Add</i>	6.44	
			<i>For Satin Face And Enameled Return, Add</i>	22.54	
			<i>For Color Anodized, Add</i>	32.21	
			<i>For Polished Or Patina Finish, Add</i>	32.21	
			<i>For Polished Anodized Finish, Add</i>	48.31	
10 14 19 00-0070	EA	10"	High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	121.27	11.40
			<i>For Installation With Adhesive, Deduct</i>	-10.62	
			<i>For Clear Anodized, Add</i>	7.57	
			<i>For Satin Face And Enameled Return, Add</i>	26.49	
			<i>For Color Anodized, Add</i>	37.84	
			<i>For Polished Or Patina Finish, Add</i>	37.84	
			<i>For Polished Anodized Finish, Add</i>	56.76	

Specialties	10
Information Specialties	10 10
Signage	10 14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0071	EA 12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	142.19 -12.38 8.95 31.33 44.76 44.76 67.13	13.17
10 14 19 00-0072	EA 14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	166.37 -14.40 10.56 36.95 52.79 52.79 79.19	15.20
10 14 19 00-0073	EA 16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	205.49 -17.57 13.25 46.39 66.27 66.27 99.41	18.24
10 14 19 00-0074	EA 18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	237.14 -19.96 15.61 54.63 78.05 78.05 117.07	20.26
10 14 19 00-0075	EA 20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	274.32 -22.83 18.31 64.10 91.57 91.57 137.36	22.79
10 14 19 00-0076	EA 22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	305.96 -24.92 20.97 73.40 104.86 104.86 157.28	24.06
10 14 19 00-0077	EA 24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	338.79 -27.07 23.75 83.12 118.74 118.74 178.11	25.32
10 14 19 00-0078	EA 30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	461.78 -35.25 34.02 119.07 170.10 170.10 255.15	30.39
10 14 19 00-0079	1/2" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0080	EA 2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	58.31 -5.45 3.30 11.55 16.50 16.50 24.74	6.33
10 14 19 00-0081	EA 4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	74.63 -6.67 4.53 15.84 22.63 22.63 33.94	7.35
10 14 19 00-0082	EA 6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	93.32 -8.21 5.79 20.25 28.93 28.93 43.40	8.86
10 14 19 00-0083	EA 8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	109.93 -9.55 6.94 24.29 34.70 34.70 52.05	10.13

10 Specialties**10 10 Information Specialties****10 14 Signage**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	127.62	11.40
		<i>For Installation With Adhesive, Deduct</i>	-10.94	
		<i>For Clear Anodized, Add</i>	8.20	
		<i>For Satin Face And Enameled Return, Add</i>	28.71	
		<i>For Color Anodized, Add</i>	41.02	
		<i>For Polished Or Patina Finish, Add</i>	41.02	
		<i>For Polished Anodized Finish, Add</i>	61.52	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	156.10	13.17
		<i>For Installation With Adhesive, Deduct</i>	-13.07	
		<i>For Clear Anodized, Add</i>	10.34	
		<i>For Satin Face And Enameled Return, Add</i>	36.20	
		<i>For Color Anodized, Add</i>	51.71	
		<i>For Polished Or Patina Finish, Add</i>	51.71	
		<i>For Polished Anodized Finish, Add</i>	77.57	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	191.50	15.20
		<i>For Installation With Adhesive, Deduct</i>	-15.65	
		<i>For Clear Anodized, Add</i>	13.07	
		<i>For Satin Face And Enameled Return, Add</i>	45.75	
		<i>For Color Anodized, Add</i>	65.36	
		<i>For Polished Or Patina Finish, Add</i>	65.36	
		<i>For Polished Anodized Finish, Add</i>	98.03	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	231.66	18.24
		<i>For Installation With Adhesive, Deduct</i>	-18.88	
		<i>For Clear Anodized, Add</i>	15.87	
		<i>For Satin Face And Enameled Return, Add</i>	55.55	
		<i>For Color Anodized, Add</i>	79.36	
		<i>For Polished Or Patina Finish, Add</i>	79.36	
		<i>For Polished Anodized Finish, Add</i>	119.03	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	279.27	20.26
		<i>For Installation With Adhesive, Deduct</i>	-22.07	
		<i>For Clear Anodized, Add</i>	19.82	
		<i>For Satin Face And Enameled Return, Add</i>	69.38	
		<i>For Color Anodized, Add</i>	99.11	
		<i>For Polished Or Patina Finish, Add</i>	99.11	
		<i>For Polished Anodized Finish, Add</i>	148.67	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	328.19	22.79
		<i>For Installation With Adhesive, Deduct</i>	-25.53	
		<i>For Clear Anodized, Add</i>	23.70	
		<i>For Satin Face And Enameled Return, Add</i>	82.95	
		<i>For Color Anodized, Add</i>	118.51	
		<i>For Polished Or Patina Finish, Add</i>	118.51	
		<i>For Polished Anodized Finish, Add</i>	177.76	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	374.91	24.06
		<i>For Installation With Adhesive, Deduct</i>	-28.37	
		<i>For Clear Anodized, Add</i>	27.87	
		<i>For Satin Face And Enameled Return, Add</i>	97.53	
		<i>For Color Anodized, Add</i>	139.33	
		<i>For Polished Or Patina Finish, Add</i>	139.33	
		<i>For Polished Anodized Finish, Add</i>	209.00	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	419.23	25.32
		<i>For Installation With Adhesive, Deduct</i>	-31.09	
		<i>For Clear Anodized, Add</i>	31.79	
		<i>For Satin Face And Enameled Return, Add</i>	111.27	
		<i>For Color Anodized, Add</i>	158.96	
		<i>For Polished Or Patina Finish, Add</i>	158.96	
		<i>For Polished Anodized Finish, Add</i>	238.44	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	577.45	30.39
		<i>For Installation With Adhesive, Deduct</i>	-41.03	
		<i>For Clear Anodized, Add</i>	45.59	
		<i>For Satin Face And Enameled Return, Add</i>	159.55	
		<i>For Color Anodized, Add</i>	227.94	
		<i>For Polished Or Patina Finish, Add</i>	227.94	
		<i>For Polished Anodized Finish, Add</i>	341.90	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	60.66	6.33
		<i>For Installation With Adhesive, Deduct</i>	-5.57	
		<i>For Clear Anodized, Add</i>	3.53	
		<i>For Satin Face And Enameled Return, Add</i>	12.37	
		<i>For Color Anodized, Add</i>	17.67	
		<i>For Polished Or Patina Finish, Add</i>	17.67	
		<i>For Polished Anodized Finish, Add</i>	26.51	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	77.26	7.35
		<i>For Installation With Adhesive, Deduct</i>	-6.80	
		<i>For Clear Anodized, Add</i>	4.79	
		<i>For Satin Face And Enameled Return, Add</i>	16.76	
		<i>For Color Anodized, Add</i>	23.94	
		<i>For Polished Or Patina Finish, Add</i>	23.94	
		<i>For Polished Anodized Finish, Add</i>	35.91	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	101.08	8.86
		<i>For Installation With Adhesive, Deduct</i>	-8.60	
		<i>For Clear Anodized, Add</i>	6.56	
		<i>For Satin Face And Enameled Return, Add</i>	22.97	
		<i>For Color Anodized, Add</i>	32.81	
		<i>For Polished Or Patina Finish, Add</i>	32.81	
		<i>For Polished Anodized Finish, Add</i>	49.22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	132.61	10.13
		<i>For Installation With Adhesive, Deduct</i>	-10.68	
		<i>For Clear Anodized, Add</i>	9.21	
		<i>For Satin Face And Enameled Return, Add</i>	32.23	
		<i>For Color Anodized, Add</i>	46.04	
		<i>For Polished Or Patina Finish, Add</i>	46.04	
		<i>For Polished Anodized Finish, Add</i>	69.06	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	165.19	11.40
		<i>For Installation With Adhesive, Deduct</i>	-12.82	
		<i>For Clear Anodized, Add</i>	11.96	
		<i>For Satin Face And Enameled Return, Add</i>	41.86	
		<i>For Color Anodized, Add</i>	59.80	
		<i>For Polished Or Patina Finish, Add</i>	59.80	
		<i>For Polished Anodized Finish, Add</i>	89.70	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	206.30	13.17
		<i>For Installation With Adhesive, Deduct</i>	-15.58	
		<i>For Clear Anodized, Add</i>	15.36	
		<i>For Satin Face And Enameled Return, Add</i>	53.77	
		<i>For Color Anodized, Add</i>	76.81	
		<i>For Polished Or Patina Finish, Add</i>	76.81	
		<i>For Polished Anodized Finish, Add</i>	115.22	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	256.14	15.20
		<i>For Installation With Adhesive, Deduct</i>	-18.89	
		<i>For Clear Anodized, Add</i>	19.54	
		<i>For Satin Face And Enameled Return, Add</i>	68.37	
		<i>For Color Anodized, Add</i>	97.68	
		<i>For Polished Or Patina Finish, Add</i>	97.68	
		<i>For Polished Anodized Finish, Add</i>	146.51	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	316.08	18.24
		<i>For Installation With Adhesive, Deduct</i>	-23.10	
		<i>For Clear Anodized, Add</i>	24.31	
		<i>For Satin Face And Enameled Return, Add</i>	85.10	
		<i>For Color Anodized, Add</i>	121.57	
		<i>For Polished Or Patina Finish, Add</i>	121.57	
		<i>For Polished Anodized Finish, Add</i>	182.35	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	384.61	20.26
		<i>For Installation With Adhesive, Deduct</i>	-27.34	
		<i>For Clear Anodized, Add</i>	30.36	
		<i>For Satin Face And Enameled Return, Add</i>	106.25	
		<i>For Color Anodized, Add</i>	151.78	
		<i>For Polished Or Patina Finish, Add</i>	151.78	
		<i>For Polished Anodized Finish, Add</i>	227.67	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	456.26	22.79
		<i>For Installation With Adhesive, Deduct</i>	-31.93	
		<i>For Clear Anodized, Add</i>	36.51	
		<i>For Satin Face And Enameled Return, Add</i>	127.78	
		<i>For Color Anodized, Add</i>	182.54	
		<i>For Polished Or Patina Finish, Add</i>	182.54	
		<i>For Polished Anodized Finish, Add</i>	273.81	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	527.17	24.06
		<i>For Installation With Adhesive, Deduct</i>	-35.98	
		<i>For Clear Anodized, Add</i>	43.09	
		<i>For Satin Face And Enameled Return, Add</i>	150.82	
		<i>For Color Anodized, Add</i>	215.46	
		<i>For Polished Or Patina Finish, Add</i>	215.46	
		<i>For Polished Anodized Finish, Add</i>	323.19	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	601.18	25.32
		<i>For Installation With Adhesive, Deduct</i>	-40.19	
		<i>For Clear Anodized, Add</i>	49.99	
		<i>For Satin Face And Enameled Return, Add</i>	174.95	
		<i>For Color Anodized, Add</i>	249.94	
		<i>For Polished Or Patina Finish, Add</i>	249.94	
		<i>For Polished Anodized Finish, Add</i>	374.90	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	822.39	30.39
		<i>For Installation With Adhesive, Deduct</i>	-53.28	
		<i>For Clear Anodized, Add</i>	70.08	
		<i>For Satin Face And Enameled Return, Add</i>	245.28	
		<i>For Color Anodized, Add</i>	350.41	
		<i>For Polished Or Patina Finish, Add</i>	350.41	
		<i>For Polished Anodized Finish, Add</i>	525.61	
10 14 19 00-0107		1" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	66.90	6.33
		<i>For Installation With Adhesive, Deduct</i>	-5.88	
		<i>For Clear Anodized, Add</i>	4.16	
		<i>For Satin Face And Enameled Return, Add</i>	14.55	
		<i>For Color Anodized, Add</i>	20.79	
		<i>For Polished Or Patina Finish, Add</i>	20.79	
		<i>For Polished Anodized Finish, Add</i>	31.19	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	82.29	7.35
		<i>For Installation With Adhesive, Deduct</i>	-7.05	
		<i>For Clear Anodized, Add</i>	5.29	
		<i>For Satin Face And Enameled Return, Add</i>	18.52	
		<i>For Color Anodized, Add</i>	26.46	
		<i>For Polished Or Patina Finish, Add</i>	26.46	
		<i>For Polished Anodized Finish, Add</i>	39.68	

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0110	EA		6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	107.43	8.86
			<i>For Installation With Adhesive, Deduct</i>	-8.92	
			<i>For Clear Anodized, Add</i>	7.20	
			<i>For Satin Face And Enameled Return, Add</i>	25.19	
			<i>For Color Anodized, Add</i>	35.99	
			<i>For Polished Or Patina Finish, Add</i>	35.99	
			<i>For Polished Anodized Finish, Add</i>	53.98	
10 14 19 00-0111	EA		8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	145.31	10.13
			<i>For Installation With Adhesive, Deduct</i>	-11.32	
			<i>For Clear Anodized, Add</i>	10.48	
			<i>For Satin Face And Enameled Return, Add</i>	36.67	
			<i>For Color Anodized, Add</i>	52.39	
			<i>For Polished Or Patina Finish, Add</i>	52.39	
			<i>For Polished Anodized Finish, Add</i>	78.59	
10 14 19 00-0112	EA		10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	195.35	11.40
			<i>For Installation With Adhesive, Deduct</i>	-14.33	
			<i>For Clear Anodized, Add</i>	14.98	
			<i>For Satin Face And Enameled Return, Add</i>	52.42	
			<i>For Color Anodized, Add</i>	74.88	
			<i>For Polished Or Patina Finish, Add</i>	74.88	
			<i>For Polished Anodized Finish, Add</i>	112.32	
10 14 19 00-0113	EA		12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	254.08	13.17
			<i>For Installation With Adhesive, Deduct</i>	-17.97	
			<i>For Clear Anodized, Add</i>	20.14	
			<i>For Satin Face And Enameled Return, Add</i>	70.49	
			<i>For Color Anodized, Add</i>	100.70	
			<i>For Polished Or Patina Finish, Add</i>	100.70	
			<i>For Polished Anodized Finish, Add</i>	151.05	
10 14 19 00-0114	EA		14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	320.06	15.20
			<i>For Installation With Adhesive, Deduct</i>	-22.08	
			<i>For Clear Anodized, Add</i>	25.93	
			<i>For Satin Face And Enameled Return, Add</i>	90.74	
			<i>For Color Anodized, Add</i>	129.64	
			<i>For Polished Or Patina Finish, Add</i>	129.64	
			<i>For Polished Anodized Finish, Add</i>	194.45	
10 14 19 00-0115	EA		16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	397.12	18.24
			<i>For Installation With Adhesive, Deduct</i>	-27.15	
			<i>For Clear Anodized, Add</i>	32.42	
			<i>For Satin Face And Enameled Return, Add</i>	113.46	
			<i>For Color Anodized, Add</i>	162.09	
			<i>For Polished Or Patina Finish, Add</i>	162.09	
			<i>For Polished Anodized Finish, Add</i>	243.13	
10 14 19 00-0116	EA		18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	479.41	20.26
			<i>For Installation With Adhesive, Deduct</i>	-32.08	
			<i>For Clear Anodized, Add</i>	39.84	
			<i>For Satin Face And Enameled Return, Add</i>	139.43	
			<i>For Color Anodized, Add</i>	199.18	
			<i>For Polished Or Patina Finish, Add</i>	199.18	
			<i>For Polished Anodized Finish, Add</i>	298.77	
10 14 19 00-0117	EA		20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	587.94	22.79
			<i>For Installation With Adhesive, Deduct</i>	-38.52	
			<i>For Clear Anodized, Add</i>	49.68	
			<i>For Satin Face And Enameled Return, Add</i>	173.87	
			<i>For Color Anodized, Add</i>	248.38	
			<i>For Polished Or Patina Finish, Add</i>	248.38	
			<i>For Polished Anodized Finish, Add</i>	372.57	
10 14 19 00-0118	EA		22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	698.10	24.06
			<i>For Installation With Adhesive, Deduct</i>	-44.53	
			<i>For Clear Anodized, Add</i>	60.19	
			<i>For Satin Face And Enameled Return, Add</i>	210.65	
			<i>For Color Anodized, Add</i>	300.93	
			<i>For Polished Or Patina Finish, Add</i>	300.93	
			<i>For Polished Anodized Finish, Add</i>	451.39	
10 14 19 00-0119	EA		24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	821.43	25.32
			<i>For Installation With Adhesive, Deduct</i>	-51.20	
			<i>For Clear Anodized, Add</i>	72.01	
			<i>For Satin Face And Enameled Return, Add</i>	252.04	
			<i>For Color Anodized, Add</i>	360.06	
			<i>For Polished Or Patina Finish, Add</i>	360.06	
			<i>For Polished Anodized Finish, Add</i>	540.09	
10 14 19 00-0120	EA		30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,155.79	30.39
			<i>For Installation With Adhesive, Deduct</i>	-69.95	
			<i>For Clear Anodized, Add</i>	103.42	
			<i>For Satin Face And Enameled Return, Add</i>	361.97	
			<i>For Color Anodized, Add</i>	517.11	
			<i>For Polished Or Patina Finish, Add</i>	517.11	
			<i>For Polished Anodized Finish, Add</i>	775.66	
10 14 19 00-0121			Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122			1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123	EA		2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	54.21	6.33
			<i>For Installation With Adhesive, Deduct</i>	-5.24	
			<i>For Oxidized Finish, Add</i>	4.33	
			<i>For Polished Finish, Add</i>	8.67	
10 14 19 00-0124	EA		4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	69.58	7.35
			<i>For Installation With Adhesive, Deduct</i>	-6.42	
			<i>For Oxidized Finish, Add</i>	6.03	
			<i>For Polished Finish, Add</i>	12.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0125	EA		6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	95.31 -8.31 8.98 17.96	8.86
10 14 19 00-0126	EA		8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	124.11 -10.26 12.54 25.07	10.13
10 14 19 00-0127	EA		10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	158.06 -12.46 16.87 33.74	11.40
10 14 19 00-0128	EA		12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	199.20 -15.23 21.98 43.96	13.17
10 14 19 00-0129	EA		14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	248.58 -18.51 28.17 56.34	15.20
10 14 19 00-0130	EA		16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	303.05 -22.45 34.52 69.03	18.24
10 14 19 00-0131	EA		18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	367.01 -26.46 42.89 85.79	20.26
10 14 19 00-0132	EA		20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	435.81 -30.91 51.69 103.39	22.79
10 14 19 00-0133	EA		22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	533.75 -36.31 65.63 131.25	24.06
10 14 19 00-0134	EA		24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	584.80 -39.37 72.52 145.05	25.32
10 14 19 00-0135	EA		30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	875.45 -55.93 113.08 226.16	30.39
10 14 19 00-0136			3/8" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137	EA		2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	64.32 -5.75 5.85 11.70	6.33
10 14 19 00-0138	EA		4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	83.65 -7.12 8.14 16.28	7.35
10 14 19 00-0139	EA		6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	119.24 -9.51 12.57 25.13	8.86
10 14 19 00-0140	EA		8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	157.54 -11.93 17.55 35.10	10.13
10 14 19 00-0141	EA		10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	208.67 -14.99 24.46 48.92	11.40
10 14 19 00-0142	EA		12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	265.13 -18.52 31.87 63.74	13.17
10 14 19 00-0143	EA		14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	333.09 -22.73 40.85 81.69	15.20
10 14 19 00-0144	EA		16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	395.09 -27.05 48.32 96.64	18.24
10 14 19 00-0145	EA		18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	495.70 -32.89 62.20 124.40	20.26
10 14 19 00-0146	EA		20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	573.66 -37.80 72.37 144.74	22.79

10 Specialties

10 10 Information Specialties

10 14 Signage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 14 19 00-0147	EA 22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	704.37 -44.84 91.22 182.44	24.06
10 14 19 00-0148	EA 24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	802.36 -50.25 105.16 210.32	25.32
10 14 19 00-0149	EA 30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,109.16 -67.62 148.14 296.27	30.39
10 14 19 00-0150	1/2" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA 2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	80.21 -6.54 8.23 16.47	6.33
10 14 19 00-0152	EA 4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	103.75 -8.13 11.16 22.31	7.35
10 14 19 00-0153	EA 6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	149.17 -11.00 17.06 34.11	8.86
10 14 19 00-0154	EA 8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	203.51 -14.23 24.45 48.89	10.13
10 14 19 00-0155	EA 10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	281.78 -18.65 35.43 70.86	11.40
10 14 19 00-0156	EA 12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	375.02 -24.02 48.35 96.70	13.17
10 14 19 00-0157	EA 14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	464.55 -29.31 60.56 121.13	15.20
10 14 19 00-0158	EA 16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	553.85 -34.99 72.14 144.27	18.24
10 14 19 00-0159	EA 18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	753.07 -45.76 100.80 201.61	20.26
10 14 19 00-0160	EA 20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	849.37 -51.59 113.73 227.46	22.79
10 14 19 00-0161	EA 22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,058.74 -62.56 144.37 288.75	24.06
10 14 19 00-0162	EA 24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,237.50 -72.01 170.43 340.86	25.32
10 14 19 00-0163	EA 30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,863.03 -105.31 261.22 522.44	30.39
10 14 19 00-0164	3/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA 2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	97.55 -7.41 10.83 21.67	6.33
10 14 19 00-0166	EA 4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	135.92 -9.73 15.98 31.96	7.35
10 14 19 00-0167	EA 6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	185.08 -12.80 22.44 44.89	8.86
10 14 19 00-0168	EA 8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	249.48 -16.53 31.34 62.69	10.13
10 14 19 00-0169	EA 10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	338.01 -21.46 43.86 87.73	11.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	462.94 -28.42 61.54 123.08	13.17
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	577.22 -34.94 77.46 154.93	15.20
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	673.51 -40.97 90.08 180.17	18.24
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	896.05 -52.91 122.25 244.50	20.26
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	980.33 -58.13 133.37 266.75	22.79
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,242.49 -71.75 171.94 343.87	24.06
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,575.94 -88.93 221.19 442.39	25.32
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	2,375.66 -130.94 338.11 676.22	30.39
10 14 19 00-0178			Satin Finish, Bronze Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0179			1/4" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	55.84 -5.32 4.58 9.16	6.33
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	71.89 -6.53 6.38 12.75	7.35
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	98.68 -8.48 9.48 18.97	8.86
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	128.82 -10.49 13.24 26.49	10.13
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	164.40 -12.78 17.82 35.64	11.40
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	207.47 -15.64 23.22 46.44	13.17
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	259.18 -19.04 29.76 59.52	15.20
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	321.48 -23.37 37.28 74.56	18.24
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	384.08 -27.31 45.45 90.91	20.26
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	455.25 -31.88 54.61 109.22	22.79
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	530.09 -36.13 65.08 130.15	24.06
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	612.54 -40.76 76.68 153.37	25.32
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	926.03 -58.46 120.67 241.34	30.39

10	10 Specialties	
	10 10 Information Specialties	
	10 14 Signage	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>					
10 14 19 00-0194	EA		2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	65.61	6.33
			<i>For Installation With Adhesive, Deduct</i>	-5.81	
			<i>For Oxidized Finish, Add</i>	6.04	
			<i>For Polished Or Patina Finish, Add</i>	12.09	
10 14 19 00-0195	EA		4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	85.07	7.35
			<i>For Installation With Adhesive, Deduct</i>	-7.19	
			<i>For Oxidized Finish, Add</i>	8.35	
			<i>For Polished Or Patina Finish, Add</i>	16.71	
10 14 19 00-0196	EA		6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	122.71	8.86
			<i>For Installation With Adhesive, Deduct</i>	-9.68	
			<i>For Oxidized Finish, Add</i>	13.09	
			<i>For Polished Or Patina Finish, Add</i>	26.18	
10 14 19 00-0197	EA		8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	161.49	10.13
			<i>For Installation With Adhesive, Deduct</i>	-12.13	
			<i>For Oxidized Finish, Add</i>	18.14	
			<i>For Polished Or Patina Finish, Add</i>	36.29	
10 14 19 00-0198	EA		10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	217.87	11.40
			<i>For Installation With Adhesive, Deduct</i>	-15.45	
			<i>For Oxidized Finish, Add</i>	25.84	
			<i>For Polished Or Patina Finish, Add</i>	51.68	
10 14 19 00-0199	EA		12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	275.57	13.17
			<i>For Installation With Adhesive, Deduct</i>	-19.05	
			<i>For Oxidized Finish, Add</i>	33.43	
			<i>For Polished Or Patina Finish, Add</i>	66.87	
10 14 19 00-0200	EA		14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	344.48	15.20
			<i>For Installation With Adhesive, Deduct</i>	-23.30	
			<i>For Oxidized Finish, Add</i>	42.55	
			<i>For Polished Or Patina Finish, Add</i>	85.11	
10 14 19 00-0201	EA		16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	425.86	18.24
			<i>For Installation With Adhesive, Deduct</i>	-28.59	
			<i>For Oxidized Finish, Add</i>	52.94	
			<i>For Polished Or Patina Finish, Add</i>	105.87	
10 14 19 00-0202	EA		18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	514.39	20.26
			<i>For Installation With Adhesive, Deduct</i>	-33.82	
			<i>For Oxidized Finish, Add</i>	65.00	
			<i>For Polished Or Patina Finish, Add</i>	130.00	
10 14 19 00-0203	EA		20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	611.81	22.79
			<i>For Installation With Adhesive, Deduct</i>	-39.71	
			<i>For Oxidized Finish, Add</i>	78.09	
			<i>For Polished Or Patina Finish, Add</i>	156.19	
10 14 19 00-0204	EA		22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	716.64	24.06
			<i>For Installation With Adhesive, Deduct</i>	-45.46	
			<i>For Oxidized Finish, Add</i>	93.06	
			<i>For Polished Or Patina Finish, Add</i>	186.12	
10 14 19 00-0205	EA		24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	811.92	25.32
			<i>For Installation With Adhesive, Deduct</i>	-50.73	
			<i>For Oxidized Finish, Add</i>	106.59	
			<i>For Polished Or Patina Finish, Add</i>	213.18	
10 14 19 00-0206	EA		30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,111.05	30.39
			<i>For Installation With Adhesive, Deduct</i>	-67.71	
			<i>For Oxidized Finish, Add</i>	148.42	
			<i>For Polished Or Patina Finish, Add</i>	296.84	
10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>					
10 14 19 00-0208	EA		2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	67.74	6.33
			<i>For Installation With Adhesive, Deduct</i>	-5.92	
			<i>For Oxidized Finish, Add</i>	6.36	
			<i>For Polished Or Patina Finish, Add</i>	12.73	
10 14 19 00-0209	EA		4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	100.37	7.35
			<i>For Installation With Adhesive, Deduct</i>	-7.96	
			<i>For Oxidized Finish, Add</i>	10.65	
			<i>For Polished Or Patina Finish, Add</i>	21.30	
10 14 19 00-0210	EA		6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	142.31	8.86
			<i>For Installation With Adhesive, Deduct</i>	-10.66	
			<i>For Oxidized Finish, Add</i>	16.03	
			<i>For Polished Or Patina Finish, Add</i>	32.06	
10 14 19 00-0211	EA		8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	195.04	10.13
			<i>For Installation With Adhesive, Deduct</i>	-13.81	
			<i>For Oxidized Finish, Add</i>	23.18	
			<i>For Polished Or Patina Finish, Add</i>	46.35	
10 14 19 00-0212	EA		10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	265.40	11.40
			<i>For Installation With Adhesive, Deduct</i>	-17.83	
			<i>For Oxidized Finish, Add</i>	32.97	
			<i>For Polished Or Patina Finish, Add</i>	65.94	
10 14 19 00-0213	EA		12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	360.70	13.17
			<i>For Installation With Adhesive, Deduct</i>	-23.30	
			<i>For Oxidized Finish, Add</i>	46.20	
			<i>For Polished Or Patina Finish, Add</i>	92.41	
10 14 19 00-0214	EA		14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	467.48	15.20
			<i>For Installation With Adhesive, Deduct</i>	-29.45	
			<i>For Oxidized Finish, Add</i>	61.00	
			<i>For Polished Or Patina Finish, Add</i>	122.01	
10 14 19 00-0215	EA		16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	584.92	18.24
			<i>For Installation With Adhesive, Deduct</i>	-36.54	
			<i>For Oxidized Finish, Add</i>	76.80	
			<i>For Polished Or Patina Finish, Add</i>	153.59	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	717.42 -43.98 95.46 190.91	20.26
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	859.38 -52.09 115.23 230.46	22.79
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	1,015.98 -60.42 137.96 275.92	24.06
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	1,180.00 -69.13 161.80 323.61	25.32
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	1,650.04 -94.66 229.27 458.54	30.39
10 14 19 00-0221		Satin Finish, Copper Characters (10 14 19 00-0049)		
10 14 19 00-0222		1/4" Deep, Satin Finish, Copper Characters (10 14 19 00-0221)		
10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	54.21 -5.24 8.67	6.33
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	70.65 -6.47 12.38	7.35
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	99.43 -8.52 19.19	8.86
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	131.33 -10.62 27.24	10.13
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	166.31 -12.87 36.22	11.40
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	211.58 -15.85 47.67	13.17
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	265.09 -19.33 61.29	15.20
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	326.78 -23.63 76.15	18.24
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	391.63 -27.69 93.17	20.26
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	463.67 -32.30 111.75	22.79
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	540.98 -36.67 133.42	24.06
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	624.45 -41.35 156.94	25.32
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	895.94 -56.96 232.31	30.39
10 14 19 00-0236		3/8" Deep, Satin Finish, Copper Characters (10 14 19 00-0221)		
10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	61.43 -5.60 10.83	6.33
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	83.04 -7.09 16.10	7.35
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	121.82 -9.64 25.91	8.86
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	167.65 -12.44 38.14	10.13
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	226.68 -15.89 54.33	11.40
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	283.09 -19.42 69.12	13.17
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	357.03 -23.93 88.87	15.20

10	10 Specialties	
	10 10 Information Specialties	
	10 14 Signage	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	441.00	18.24
			<i>For Installation With Adhesive, Deduct</i>	-29.35	
			<i>For Polished Finish, Add</i>	110.42	
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	531.39	20.26
			<i>For Installation With Adhesive, Deduct</i>	-34.67	
			<i>For Polished Finish, Add</i>	135.10	
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	631.29	22.79
			<i>For Installation With Adhesive, Deduct</i>	-40.68	
			<i>For Polished Finish, Add</i>	162.03	
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	741.11	24.06
			<i>For Installation With Adhesive, Deduct</i>	-46.68	
			<i>For Polished Finish, Add</i>	193.46	
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	833.70	25.32
			<i>For Installation With Adhesive, Deduct</i>	-51.82	
			<i>For Polished Finish, Add</i>	219.72	
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,166.97	30.39
			<i>For Installation With Adhesive, Deduct</i>	-70.51	
			<i>For Polished Finish, Add</i>	313.62	
10 14 19 00-0250 Satin Finish, Stainless Steel Characters (10 14 19 00-0049)					
10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)					
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	52.24	6.33
			<i>For Installation With Adhesive, Deduct</i>	-5.14	
			<i>For Polished Finish, Add</i>	8.08	
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	68.42	7.35
			<i>For Installation With Adhesive, Deduct</i>	-6.36	
			<i>For Polished Finish, Add</i>	11.71	
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	87.96	8.86
			<i>For Installation With Adhesive, Deduct</i>	-7.94	
			<i>For Polished Finish, Add</i>	15.75	
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	113.22	10.13
			<i>For Installation With Adhesive, Deduct</i>	-9.71	
			<i>For Polished Finish, Add</i>	21.81	
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	138.47	11.40
			<i>For Installation With Adhesive, Deduct</i>	-11.48	
			<i>For Polished Finish, Add</i>	27.86	
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	169.79	13.17
			<i>For Installation With Adhesive, Deduct</i>	-13.76	
			<i>For Polished Finish, Add</i>	35.13	
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	203.47	15.20
			<i>For Installation With Adhesive, Deduct</i>	-16.25	
			<i>For Polished Finish, Add</i>	42.80	
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	243.90	18.24
			<i>For Installation With Adhesive, Deduct</i>	-19.49	
			<i>For Polished Finish, Add</i>	51.29	
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	284.30	20.26
			<i>For Installation With Adhesive, Deduct</i>	-22.32	
			<i>For Polished Finish, Add</i>	60.98	
10 14 19 00-0261	EA		20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	332.12	22.79
			<i>For Installation With Adhesive, Deduct</i>	-25.72	
			<i>For Polished Finish, Add</i>	72.28	
10 14 19 00-0262	EA		22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	385.65	24.06
			<i>For Installation With Adhesive, Deduct</i>	-28.91	
			<i>For Polished Finish, Add</i>	86.82	
10 14 19 00-0263	EA		24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	440.51	25.32
			<i>For Installation With Adhesive, Deduct</i>	-32.16	
			<i>For Polished Finish, Add</i>	101.76	
10 14 19 00-0264	EA		30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	603.47	30.39
			<i>For Installation With Adhesive, Deduct</i>	-42.33	
			<i>For Polished Finish, Add</i>	144.57	
10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)					
10 14 19 00-0266	EA		2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	61.66	6.33
			<i>For Installation With Adhesive, Deduct</i>	-5.62	
			<i>For Polished Finish, Add</i>	10.90	
10 14 19 00-0267	EA		4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	82.08	7.35
			<i>For Installation With Adhesive, Deduct</i>	-7.04	
			<i>For Polished Finish, Add</i>	15.81	
10 14 19 00-0268	EA		6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	105.28	8.86
			<i>For Installation With Adhesive, Deduct</i>	-8.81	
			<i>For Polished Finish, Add</i>	20.95	
10 14 19 00-0269	EA		8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	134.30	10.13
			<i>For Installation With Adhesive, Deduct</i>	-10.77	
			<i>For Polished Finish, Add</i>	28.13	
10 14 19 00-0270	EA		10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	165.40	11.40
			<i>For Installation With Adhesive, Deduct</i>	-12.83	
			<i>For Polished Finish, Add</i>	35.94	
10 14 19 00-0271	EA		12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	203.75	13.17
			<i>For Installation With Adhesive, Deduct</i>	-15.46	
			<i>For Polished Finish, Add</i>	45.32	
10 14 19 00-0272	EA		14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	244.85	15.20
			<i>For Installation With Adhesive, Deduct</i>	-18.32	
			<i>For Polished Finish, Add</i>	55.22	
10 14 19 00-0273	EA		16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	293.47	18.24
			<i>For Installation With Adhesive, Deduct</i>	-21.97	
			<i>For Polished Finish, Add</i>	66.16	

MINOR	CS	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 19 00-0274	EA		18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	341.21	20.26
			<i>For Installation With Adhesive, Deduct</i>	-25.17	
			<i>For Polished Finish, Add</i>	78.05	
10 14 19 00-0275	EA		20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	399.59	22.79
			<i>For Installation With Adhesive, Deduct</i>	-29.10	
			<i>For Polished Finish, Add</i>	92.52	
10 14 19 00-0276	EA		22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	449.32	24.06
			<i>For Installation With Adhesive, Deduct</i>	-32.09	
			<i>For Polished Finish, Add</i>	105.92	
10 14 19 00-0277	EA		24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	515.14	25.32
			<i>For Installation With Adhesive, Deduct</i>	-35.89	
			<i>For Polished Finish, Add</i>	124.15	
10 14 19 00-0278	EA		30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	709.48	30.39
			<i>For Installation With Adhesive, Deduct</i>	-47.63	
			<i>For Polished Finish, Add</i>	176.37	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)

10 14 19 00-0280	EA		2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	73.78	6.33
			<i>For Installation With Adhesive, Deduct</i>	-6.22	
			<i>For Polished Finish, Add</i>	14.54	
10 14 19 00-0281	EA		4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	99.64	7.35
			<i>For Installation With Adhesive, Deduct</i>	-7.92	
			<i>For Polished Finish, Add</i>	21.08	
10 14 19 00-0282	EA		6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	128.38	8.86
			<i>For Installation With Adhesive, Deduct</i>	-9.97	
			<i>For Polished Finish, Add</i>	27.88	
10 14 19 00-0283	EA		8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	168.46	10.13
			<i>For Installation With Adhesive, Deduct</i>	-12.48	
			<i>For Polished Finish, Add</i>	38.38	
10 14 19 00-0284	EA		10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	209.05	11.40
			<i>For Installation With Adhesive, Deduct</i>	-15.01	
			<i>For Polished Finish, Add</i>	49.04	
10 14 19 00-0285	EA		12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	258.79	13.17
			<i>For Installation With Adhesive, Deduct</i>	-18.21	
			<i>For Polished Finish, Add</i>	61.83	
10 14 19 00-0286	EA		14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	311.91	15.20
			<i>For Installation With Adhesive, Deduct</i>	-21.67	
			<i>For Polished Finish, Add</i>	75.34	
10 14 19 00-0287	EA		16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	373.82	18.24
			<i>For Installation With Adhesive, Deduct</i>	-25.99	
			<i>For Polished Finish, Add</i>	90.26	
10 14 19 00-0288	EA		18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	444.87	20.26
			<i>For Installation With Adhesive, Deduct</i>	-30.35	
			<i>For Polished Finish, Add</i>	109.15	
10 14 19 00-0289	EA		20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	522.47	22.79
			<i>For Installation With Adhesive, Deduct</i>	-35.24	
			<i>For Polished Finish, Add</i>	129.39	
10 14 19 00-0290	EA		22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	585.34	24.06
			<i>For Installation With Adhesive, Deduct</i>	-38.89	
			<i>For Polished Finish, Add</i>	146.73	
10 14 19 00-0291	EA		24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	674.57	25.32
			<i>For Installation With Adhesive, Deduct</i>	-43.86	
			<i>For Polished Finish, Add</i>	171.98	
10 14 19 00-0292	EA		30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	935.97	30.39
			<i>For Installation With Adhesive, Deduct</i>	-58.96	
			<i>For Polished Finish, Add</i>	244.32	

10 14 23 Panel Signage (10 14)

10 14 23 11 Panel Signage (10 14 23)

10 14 23 11-0001 Indoor/Outdoor Signs (10 14 23 11)

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0001)

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA		Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	28.68	9.17
			<i>For >25 To 50, Deduct</i>	-1.03	
			<i>For >50 To 100, Deduct</i>	-2.59	
			<i>For >100, Deduct</i>	-3.10	
			<i>For Clear Glass Mount, Add</i>	8.27	
			<i>For Glow-In-Dark, Add</i>	20.68	
			<i>For Reflective Finish, Add</i>	23.27	
10 14 23 11-0005	EA		>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	36.07	9.17
			<i>For >25 To 50, Deduct</i>	-1.77	
			<i>For >50 To 100, Deduct</i>	-4.43	
			<i>For >100, Deduct</i>	-5.32	
			<i>For Clear Glass Mount, Add</i>	14.18	
			<i>For Glow-In-Dark, Add</i>	35.46	
			<i>For Reflective Finish, Add</i>	39.89	

10	10 Specialties
	10 10 Information Specialties
	10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006	EA	>50 To 100 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	47.88	9.17
			<i>For >25 To 50, Deduct</i>	-2.95	
			<i>For >50 To 100, Deduct</i>	-7.39	
			<i>For >100, Deduct</i>	-8.86	
			<i>For Clear Glass Mount, Add</i>	23.63	
			<i>For Glow-In-Dark, Add</i>	59.08	
			<i>For Reflective Finish, Add</i>	66.47	
10 14 23 11-0007	EA	>100 To 250 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	62.66	9.17
			<i>For >25 To 50, Deduct</i>	-4.43	
			<i>For >50 To 100, Deduct</i>	-11.08	
			<i>For >100, Deduct</i>	-13.30	
			<i>For Clear Glass Mount, Add</i>	35.46	
			<i>For Glow-In-Dark, Add</i>	88.64	
			<i>For Reflective Finish, Add</i>	99.72	
10 14 23 11-0008	EA	>250 To 500 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	89.25	9.17
			<i>For >25 To 50, Deduct</i>	-7.09	
			<i>For >50 To 100, Deduct</i>	-17.73	
			<i>For >100, Deduct</i>	-21.27	
			<i>For Clear Glass Mount, Add</i>	56.73	
			<i>For Glow-In-Dark, Add</i>	141.82	
			<i>For Reflective Finish, Add</i>	159.55	
10 14 23 11-0009	EA	>500 To 750 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	136.52	9.17
			<i>For >25 To 50, Deduct</i>	-11.82	
			<i>For >50 To 100, Deduct</i>	-29.55	
			<i>For >100, Deduct</i>	-35.45	
			<i>For Clear Glass Mount, Add</i>	94.54	
			<i>For Glow-In-Dark, Add</i>	236.36	
			<i>For Reflective Finish, Add</i>	265.91	
10 14 23 11-0010	EA	>750 To 1,000 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	195.61	9.17
			<i>For >25 To 50, Deduct</i>	-17.73	
			<i>For >50 To 100, Deduct</i>	-44.32	
			<i>For >100, Deduct</i>	-53.18	
			<i>For Clear Glass Mount, Add</i>	141.82	
			<i>For Glow-In-Dark, Add</i>	354.54	
			<i>For Reflective Finish, Add</i>	398.86	
10 14 23 11-0011	Sl	>1,000 Sl,	Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	0.22	0.01
			<i>For Clear Glass Mount, Add</i>	0.16	
			<i>For Glow-In-Dark, Add</i>	0.40	
			<i>For Reflective Finish, Add</i>	0.45	
10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs					
<small>(10 14 23 11-0002)</small>					
Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.					
10 14 23 11-0013	EA	Up To 25 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	31.64	9.17
			<i>For >25 To 50, Deduct</i>	-1.33	
			<i>For >50 To 100, Deduct</i>	-3.33	
			<i>For >100, Deduct</i>	-3.99	
			<i>For Glow-In-Dark, Add</i>	26.60	
			<i>For Reflective Finish, Add</i>	28.60	
10 14 23 11-0014	EA	>25 To 50 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	39.02	9.17
			<i>For >25 To 50, Deduct</i>	-2.07	
			<i>For >50 To 100, Deduct</i>	-5.17	
			<i>For >100, Deduct</i>	-6.20	
			<i>For Glow-In-Dark, Add</i>	41.36	
			<i>For Reflective Finish, Add</i>	44.46	
10 14 23 11-0015	EA	>50 To 100 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	53.79	9.17
			<i>For >25 To 50, Deduct</i>	-3.55	
			<i>For >50 To 100, Deduct</i>	-8.86	
			<i>For >100, Deduct</i>	-10.64	
			<i>For Glow-In-Dark, Add</i>	70.90	
			<i>For Reflective Finish, Add</i>	76.22	
10 14 23 11-0016	EA	>100 To 250 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	68.57	9.17
			<i>For >25 To 50, Deduct</i>	-5.02	
			<i>For >50 To 100, Deduct</i>	-12.56	
			<i>For >100, Deduct</i>	-15.07	
			<i>For Glow-In-Dark, Add</i>	100.46	
			<i>For Reflective Finish, Add</i>	107.99	
10 14 23 11-0017	EA	>250 To 500 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	90.73	9.17
			<i>For >25 To 50, Deduct</i>	-7.24	
			<i>For >50 To 100, Deduct</i>	-18.10	
			<i>For >100, Deduct</i>	-21.72	
			<i>For Glow-In-Dark, Add</i>	144.78	
			<i>For Reflective Finish, Add</i>	155.64	
10 14 23 11-0018	EA	>500 To 750 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	112.88	9.17
			<i>For >25 To 50, Deduct</i>	-9.45	
			<i>For >50 To 100, Deduct</i>	-23.64	
			<i>For >100, Deduct</i>	-28.36	
			<i>For Glow-In-Dark, Add</i>	189.08	
			<i>For Reflective Finish, Add</i>	203.26	
10 14 23 11-0019	EA	>750 To 1,000 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	136.52	9.17
			<i>For >25 To 50, Deduct</i>	-11.82	
			<i>For >50 To 100, Deduct</i>	-29.55	
			<i>For >100, Deduct</i>	-35.45	
			<i>For Glow-In-Dark, Add</i>	236.36	
			<i>For Reflective Finish, Add</i>	254.09	
10 14 23 11-0020	Sl	>1,000 Sl,	Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.15	0.01
			<i>For Glow-In-Dark, Add</i>	0.26	
			<i>For Reflective Finish, Add</i>	0.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 23 11-0021			Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille <small>(10 14 23 11-0002)</small>		
			Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0022	EA	Up To 25 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	53.79	9.17	
		For >25 To 50, Deduct	-3.55		
		For >50 To 100, Deduct	-8.86		
		For >100, Deduct	-10.64		
		For Molded Plastic Frame, Add	15.00		
		For Brushed Metal Finish/Faux Metal Finish, Add	23.00		
		For 2" Height Slider Channel For Custom Inserts, Add	35.00		
10 14 23 11-0023	EA	>25 To 50 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	62.66	9.17	
		For >25 To 50, Deduct	-4.43		
		For >50 To 100, Deduct	-11.08		
		For >100, Deduct	-13.30		
		For Molded Plastic Frame, Add	17.00		
		For Brushed Metal Finish/Faux Metal Finish, Add	28.00		
		For 2" Height Slider Channel For Custom Inserts, Add	35.00		
10 14 23 11-0024	EA	>50 To 75 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	77.43	9.17	
		For >25 To 50, Deduct	-5.91		
		For >50 To 100, Deduct	-14.77		
		For >100, Deduct	-17.73		
		For Molded Plastic Frame, Add	19.00		
		For Brushed Metal Finish/Faux Metal Finish, Add	31.00		
10 14 23 11-0025	EA	>75 To 100 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	91.32	9.17	
		For >25 To 50, Deduct	-7.30		
		For >50 To 100, Deduct	-18.25		
		For >100, Deduct	-21.89		
		For Molded Plastic Frame, Add	21.00		
		For Brushed Metal Finish/Faux Metal Finish, Add	35.00		
10 14 23 11-0026	SI	>100 Sl, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	1.01	0.09	
		For Molded Plastic Frame, Add	0.20		
		For Brushed Metal Finish/Faux Metal Finish, Add	0.31		
10 14 23 11-0027			Engraved Steel, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small>		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.			
10 14 23 11-0028	EA	Up To 25 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	74.48	9.17	
		For >25 To 50, Deduct	-5.61		
		For >50 To 100, Deduct	-14.04		
		For >100, Deduct	-16.84		
		For Molded Plastic Frame, Add	15.00		
10 14 23 11-0029	EA	>25 To 50 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	92.20	9.17	
		For >25 To 50, Deduct	-7.39		
		For >50 To 100, Deduct	-18.47		
		For >100, Deduct	-22.16		
		For Molded Plastic Frame, Add	17.00		
10 14 23 11-0030	EA	>50 To 75 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	115.84	9.17	
		For >25 To 50, Deduct	-9.75		
		For >50 To 100, Deduct	-24.38		
		For >100, Deduct	-29.25		
		For Molded Plastic Frame, Add	19.00		
10 14 23 11-0031	EA	>75 To 100 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	163.11	9.17	
		For >25 To 50, Deduct	-14.48		
		For >50 To 100, Deduct	-36.19		
		For >100, Deduct	-43.43		
		For Molded Plastic Frame, Add	21.00		
10 14 23 11-0032	SI	>100 Sl, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	1.63	0.09	
		For Molded Plastic Frame, Add	0.20		
10 14 23 11-0033			Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small>		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.			
10 14 23 11-0034	EA	Up To 25 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	30.16	9.17	
		For >25 To 50, Deduct	-1.18		
		For >50 To 100, Deduct	-2.96		
		For >100, Deduct	-3.55		
		For Glow-In-Dark, Add	7.09		
		For Reflective Finish, Add	8.87		
10 14 23 11-0035	EA	>25 To 50 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	39.02	9.17	
		For >25 To 50, Deduct	-2.07		
		For >50 To 100, Deduct	-5.17		
		For >100, Deduct	-6.20		
		For Glow-In-Dark, Add	12.41		
		For Reflective Finish, Add	15.51		
10 14 23 11-0036	EA	>50 To 100 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	56.75	9.17	
		For >25 To 50, Deduct	-3.84		
		For >50 To 100, Deduct	-9.60		
		For >100, Deduct	-11.52		
		For Glow-In-Dark, Add	23.05		
		For Reflective Finish, Add	28.81		
10 14 23 11-0037	EA	>100 To 250 Sl, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	77.43	9.17	
		For >25 To 50, Deduct	-5.91		
		For >50 To 100, Deduct	-14.77		
		For >100, Deduct	-17.73		
		For Glow-In-Dark, Add	35.45		
		For Reflective Finish, Add	44.32		

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	139.47	9.17
		For >25 To 50, Deduct	-12.11	
		For >50 To 100, Deduct	-30.28	
		For >100, Deduct	-36.34	
		For Glow-In-Dark, Add	72.68	
		For Reflective Finish, Add	90.85	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	166.06	9.17
		For >25 To 50, Deduct	-14.77	
		For >50 To 100, Deduct	-36.93	
		For >100, Deduct	-44.32	
		For Glow-In-Dark, Add	88.63	
		For Reflective Finish, Add	110.79	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	201.52	9.17
		For >25 To 50, Deduct	-18.32	
		For >50 To 100, Deduct	-45.80	
		For >100, Deduct	-54.95	
		For Glow-In-Dark, Add	109.91	
		For Reflective Finish, Add	137.39	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign.....	0.22	0.01
		For Glow-In-Dark, Add	0.12	
		For Reflective Finish, Add	0.15	
10 14 23 11-0042		California Title 24, Surface Mount, Signs (10 14 23 11-0002)		
10 14 23 11-0043		California Title 24, Surface Mount, Geometric Restroom Signs (10 14 23 11-0042) Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.		
10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	126.92	9.17
		For >25 To 50, Deduct	-10.86	
		For >50 To 100, Deduct	-16.29	
		For >100, Deduct	-18.46	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	126.92	9.17
		For >25 To 50, Deduct	-10.86	
		For >50 To 100, Deduct	-16.29	
		For >100, Deduct	-18.46	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign	170.35	9.17
		Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.		
		For >25 To 50, Deduct	-15.20	
		For >50 To 100, Deduct	-22.80	
		For >100, Deduct	-25.84	
10 14 23 11-0047		California Title 24, Surface Mount, Stairwell Signs (10 14 23 11-0042) Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.		
10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	263.42	9.17
		For >25 To 50, Deduct	-24.51	
		For >50 To 100, Deduct	-36.76	
		For >100, Deduct	-41.66	
10 14 23 11-0049		Ceiling Mount, Indoor/Outdoor Signs (10 14 23 11-0001)		
10 14 23 11-0050		Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs (10 14 23 11-0049)		
10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	41.92	12.84
		For >25 To 50, Deduct	-1.63	
		For >50 To 100, Deduct	-4.06	
		For >100, Deduct	-4.88	
		For Glow-In-Dark, Add	9.75	
		For Reflective Finish, Add	12.19	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	55.21	12.84
		For >25 To 50, Deduct	-2.95	
		For >50 To 100, Deduct	-7.39	
		For >100, Deduct	-8.86	
		For Glow-In-Dark, Add	17.72	
		For Reflective Finish, Add	22.16	
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	72.94	12.84
		For >25 To 50, Deduct	-4.73	
		For >50 To 100, Deduct	-11.82	
		For >100, Deduct	-14.18	
		For Glow-In-Dark, Add	28.36	
		For Reflective Finish, Add	35.45	
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	99.53	12.84
		For >25 To 50, Deduct	-7.39	
		For >50 To 100, Deduct	-18.47	
		For >100, Deduct	-22.16	
		For Glow-In-Dark, Add	44.32	
		For Reflective Finish, Add	55.40	
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs (10 14 23 11-0001)		
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs (10 14 23 11-0055)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0057 EA Up To 25 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	43.40 -1.77 -4.43 -5.32 10.64 13.30	12.84
10 14 23 11-0058 EA >25 To 50 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	58.17 -3.25 -8.13 -9.75 19.50 24.38	12.84
10 14 23 11-0059 EA >50 To 100 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	90.67 -6.50 -16.25 -19.50 39.00 48.75	12.84
10 14 23 11-0060 EA >100 To 150 Sl, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	102.49 -7.68 -19.21 -23.05 46.09 57.62	12.84
10 14 23 11-0061 Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>		
10 14 23 11-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0061)</small>		
10 14 23 11-0063 EA Up To 25 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	47.83 -2.22 -5.54 -6.65 13.30 16.62	12.84
10 14 23 11-0064 EA >25 To 50 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	69.99 -4.43 -11.08 -13.30 26.59 33.24	12.84
10 14 23 11-0065 EA >50 To 100 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	78.85 -5.32 -13.30 -15.95 31.91 39.89	12.84
10 14 23 11-0066 EA >100 To 150 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	90.67 -6.50 -16.25 -19.50 39.00 48.75	12.84
10 14 23 11-0067 Adhesive Backed Vinyl Characters <small>(10 14 23 11)</small> Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068 EA 1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.18 0.36	0.73
10 14 23 11-0069 EA 3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.25 0.37	0.84
10 14 23 11-0070 EA 1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.31 0.39	0.95
10 14 23 11-0071 EA 1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	3.16 0.50	1.10
10 14 23 11-0072 EA 2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	3.25 0.53	1.28
10 14 23 11-0073 EA 3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	4.56 0.76	1.46
10 14 23 11-0074 EA 4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	4.84 0.83	1.65
10 14 23 11-0075 EA 6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	6.42 1.13	1.84
10 14 23 11-0076 EA 8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	7.53 1.41	2.02
10 14 23 11-0077 EA 10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	9.57 1.82	2.20
10 14 23 11-0078 Standoffs For Wall Signage <small>(10 14 23 11)</small> Note: Excludes signage		
10 14 23 11-0079 EA 1/2" Diameter x 1/2" Long, Stainless Steel Standoff	12.07	5.06
10 14 23 11-0080 EA 1/2" Diameter x 3/4" Long, Stainless Steel Standoff	12.32	5.06
10 14 23 11-0081 EA 1/2" Diameter x 1" Long, Stainless Steel Standoff	12.39	5.06
10 14 23 11-0082 EA 5/8" Diameter x 1/2" Long, Stainless Steel Standoff	13.02	5.06
10 14 23 11-0083 EA 5/8" Diameter x 3/4" Long, Stainless Steel Standoff	13.27	5.06
10 14 23 11-0084 EA 5/8" Diameter x 1" Long, Stainless Steel Standoff	13.77	5.06

10	10 Specialties
	10 10 Information Specialties
	10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 23 11-0085	EA		3/4" Diameter x 3/4" Long, Stainless Steel Standoff	13.91	6.08
10 14 23 11-0086	EA		3/4" Diameter x 1" Long, Stainless Steel Standoff	14.60	6.08
10 14 23 11-0087	EA		3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	15.16	6.08
10 14 23 11-0088	EA		1" Diameter x 3/4" Long, Stainless Steel Standoff	16.17	6.08
10 14 23 11-0089	EA		1" Diameter x 1" Long, Stainless Steel Standoff	16.98	6.08
10 14 23 11-0090	EA		1" Diameter x 1-1/2" Long, Stainless Steel Standoff	17.99	6.08
10 14 23 11-0091	EA		5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	13.21	5.06
10 14 23 11-0092	EA		5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	13.40	5.06
10 14 23 11-0093	EA		3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	14.47	6.08
10 14 23 11-0094	EA		3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	14.66	6.08
10 14 23 11-0095	EA		1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	15.92	6.08
10 14 23 11-0096	EA		1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	16.04	6.08

10 14 23 11-0097 Removal And Reinstallation Of Building Signage (10 14 23 11)

Note: Includes storage and cleaning.

10 14 23 11-0098	EA		Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	177.35	
10 14 23 11-0099	EA		Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	203.60	
10 14 23 11-0100	EA		Removal And Reinstallation Of Building Signage, >12 To 20 SF	228.94	
10 14 23 11-0101	EA		Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	55.02	

10 14 23 11-0102 Building Sign (10 14 23 11)

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 11-0103	EA		6" x 18" Metal Building Sign With Numbers	122.01	22.01
10 14 23 11-0104	SF		Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	35.74	7.10
10 14 23 11-0105	SF		Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	27.46	6.58
10 14 23 11-0106	EA		Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	24.26	5.57
10 14 23 11-0107	EA		Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	27.96	6.08
10 14 23 11-0108	EA		Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	30.66	6.58
10 14 23 11-0109	EA		Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	36.02	7.10

10 14 23 11-0110 Custom Acrylic Signage (Takeform; Fusion) (10 14 23 11)

10 14 23 11-0111	EA		Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage Note: Accommodates inserts.	303.57	18.34
10 14 23 11-0112	EA		Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage Note: Accommodates inserts.	420.95	18.34
10 14 23 11-0113	EA		Inserts for Type B: Directional Signage	30.38	
10 14 23 11-0114	EA		Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage Note: Accommodates inserts.	240.34	14.67
10 14 23 11-0115	EA		Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage Note: Accommodates inserts.	324.18	14.67
10 14 23 11-0116	EA		Inserts for Type D: Evacuation Map Signage	17.01	
10 14 23 11-0117	EA		Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	197.93	9.54
10 14 23 11-0118	EA		Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	185.36	9.54
10 14 23 11-0119	EA		Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	197.93	9.54
10 14 23 11-0120	EA		Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	185.36	9.54
10 14 23 11-0121	EA		Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage Note: Accommodates inserts.	159.47	9.17
10 14 23 11-0122	EA		Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage Note: Accommodates inserts.	187.42	9.17
10 14 23 11-0123	EA		Inserts for Type H Signage	9.33	
10 14 23 11-0124	EA		Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage Note: Accommodates inserts.	180.43	9.17
10 14 23 11-0125	EA		Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage Note: Accommodates inserts.	222.36	9.17
10 14 23 11-0126	EA		Inserts for Type I Signage	14.58	
10 14 23 11-0127	EA		Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage Note: Accommodates inserts.	57.22	9.17
10 14 23 11-0128	EA		Inserts for Type L Signage	11.66	

10 14 53 Traffic Signage (10 14)

10 14 53 11 Traffic Signage (10 14 53)

10 14 53 11-0001 Traffic Signs (10 14 53 11)

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs (10 14 53 11-0001)

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs (10 14 53 11-0002)

10 14 53 11-0004	EA		18" x 18" Aluminum Engineer Grade Stop Sign For Hi-Intensity Grade, Add For Diamond Grade, Add	53.96 6.29 11.94	16.51
10 14 53 11-0005	EA		18" x 24" Aluminum Engineer Grade Stop Sign For Hi-Intensity Grade, Add For Diamond Grade, Add	62.23 8.22 15.61	17.46
10 14 53 11-0006	EA		24" x 24" Aluminum Engineer Grade Stop Sign For Hi-Intensity Grade, Add For Diamond Grade, Add	67.29 12.55 19.90	18.34
10 14 53 11-0007	EA		30" x 30" Aluminum Engineer Grade Stop Sign For Hi-Intensity Grade, Add For Diamond Grade, Add	77.72 4.71 25.49	19.30
10 14 53 11-0008	EA		36" x 36" Aluminum Engineer Grade Stop Sign For Hi-Intensity Grade, Add For Diamond Grade, Add	103.19 13.82 43.36	20.17

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 14 53 11-0009	Other ReflectORIZED Traffic Signs (10 14 53 11-0002)		
Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.			
10 14 53 11-0010	Aluminum Engineer Grade Traffic Signs (10 14 53 11-0009)		
10 14 53 11-0011	EA 6" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	34.54 1.56	14.67
10 14 53 11-0012	EA 6" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	37.13 2.33	14.67
10 14 53 11-0013	EA 9" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	37.13 2.33	14.67
10 14 53 11-0014	EA 9" x 15" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	39.08 2.92	14.67
10 14 53 11-0015	EA 9" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	41.02 3.50	14.67
10 14 53 11-0016	EA 9" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	46.75 4.67	15.59
10 14 53 11-0017	EA 9" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	62.31 9.34	15.59
10 14 53 11-0018	EA 12" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	39.73 3.11	14.67
10 14 53 11-0019	EA 12" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	46.75 4.67	15.59
10 14 53 11-0020	EA 12" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	51.93 6.23	15.59
10 14 53 11-0021	EA 12" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	57.12 7.78	15.59
10 14 53 11-0022	EA 12" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	62.31 9.34	15.59
10 14 53 11-0023	EA 18" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	54.53 7.01	15.59
10 14 53 11-0024	EA 18" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	62.31 9.34	15.59
10 14 53 11-0025	EA 18" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	71.93 11.68	16.51
10 14 53 11-0026	EA 18" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	79.71 14.01	16.51
10 14 53 11-0027	EA 18" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	102.61 18.68	20.17
10 14 53 11-0028	EA 18" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	110.40 21.02	20.17
10 14 53 11-0029	EA 24" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	74.52 12.45	16.51
10 14 53 11-0030	EA 24" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	84.90 15.57	16.51
10 14 53 11-0031	EA 24" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	95.27 18.68	16.51
10 14 53 11-0032	EA 24" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	112.99 21.79	20.17
10 14 53 11-0033	EA 24" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	123.37 24.91	20.17
10 14 53 11-0034	EA 24" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	133.75 28.02	20.17
10 14 53 11-0035	EA 24" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	144.12 31.13	20.17
10 14 53 11-0036	EA 30" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	97.87 19.46	16.51
10 14 53 11-0037	EA 30" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	118.18 23.35	20.17
10 14 53 11-0038	EA 30" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	131.15 27.24	20.17
10 14 53 11-0039	EA 30" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	151.45 31.13	23.84
10 14 53 11-0040	EA 30" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	184.74 38.92	27.51
10 14 53 11-0041	EA 36" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	133.75 28.02	20.17
10 14 53 11-0042	EA 36" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	156.64 32.69	23.84
10 14 53 11-0043	EA 36" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	179.55 37.36	27.51
10 14 53 11-0044	EA 36" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	195.12 42.03	27.51
10 14 53 11-0045	EA 36" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	218.02 46.70	31.18
10 14 53 11-0046	EA 36" x 73" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	259.09 56.82	34.84
10 14 53 11-0047	EA 36" x 78" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	272.06 60.71	34.84
10 14 53 11-0048	EA 36" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	360.89 84.06	40.35
10 14 53 11-0049	EA 42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	182.14 38.14	27.51
10 14 53 11-0050	EA 48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	228.40 49.81	31.18
10 14 53 11-0051	EA 48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	256.49 56.04	34.84

10 **10** **Specialties**
10 10 **Information Specialties**
10 14 **Signage**



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

10 14 53 11-0052	EA 48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	277.25	34.84
		62.27	
10 14 53 11-0053	EA 48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	309.00	40.35
		68.49	
10 14 53 11-0054	EA 48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	329.76	40.35
		74.72	
10 14 53 11-0055	EA 48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	378.60	44.02
		87.17	
10 14 53 11-0056	EA 48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	420.11	44.02
		99.62	
10 14 53 11-0057	EA 48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	440.86	44.02
		105.85	
10 14 53 11-0058	EA 48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	465.29	45.85
		112.08	
10 14 53 11-0059	EA 60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	399.35	44.02
		93.40	
10 14 53 11-0060	EA 72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	864.56	58.69
		224.15	
10 14 53 11-0061	EA 78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	631.33	45.85
		161.89	

10 14 53 11-0062 **Non-Reflectorized Traffic Signs** (10 14 53 11-0001)
 Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0063 **Steel Non-Reflectorized Traffic Signs** (10 14 53 11-0062)

10 14 53 11-0064	EA 6" x 12" Steel Non Reflectorized Traffic Sign	33.84	14.67
10 14 53 11-0065	EA 6" x 18" Steel Non Reflectorized Traffic Sign	36.08	14.67
10 14 53 11-0066	EA 9" x 12" Steel Non Reflectorized Traffic Sign	36.08	14.67
10 14 53 11-0067	EA 9" x 15" Steel Non Reflectorized Traffic Sign	37.76	14.67
10 14 53 11-0068	EA 9" x 18" Steel Non Reflectorized Traffic Sign	39.44	14.67
10 14 53 11-0069	EA 9" x 24" Steel Non Reflectorized Traffic Sign	44.64	15.59
10 14 53 11-0070	EA 9" x 48" Steel Non Reflectorized Traffic Sign	58.09	15.59
10 14 53 11-0071	EA 12" x 12" Steel Non Reflectorized Traffic Sign	38.32	14.67
10 14 53 11-0072	EA 12" x 18" Steel Non Reflectorized Traffic Sign	44.64	15.59
10 14 53 11-0073	EA 12" x 24" Steel Non Reflectorized Traffic Sign	49.12	15.59
10 14 53 11-0074	EA 12" x 30" Steel Non Reflectorized Traffic Sign	53.61	15.59
10 14 53 11-0075	EA 12" x 36" Steel Non Reflectorized Traffic Sign	58.09	15.59
10 14 53 11-0076	EA 18" x 18" Steel Non Reflectorized Traffic Sign	51.37	15.59
10 14 53 11-0077	EA 18" x 24" Steel Non Reflectorized Traffic Sign	58.09	15.59
10 14 53 11-0078	EA 18" x 30" Steel Non Reflectorized Traffic Sign	66.65	16.51
10 14 53 11-0079	EA 18" x 36" Steel Non Reflectorized Traffic Sign	73.38	16.51
10 14 53 11-0080	EA 18" x 48" Steel Non Reflectorized Traffic Sign	94.18	20.17
10 14 53 11-0081	EA 18" x 54" Steel Non Reflectorized Traffic Sign	100.91	20.17
10 14 53 11-0082	EA 24" x 24" Steel Non Reflectorized Traffic Sign	68.90	16.51
10 14 53 11-0083	EA 24" x 30" Steel Non Reflectorized Traffic Sign	77.87	16.51
10 14 53 11-0084	EA 24" x 36" Steel Non Reflectorized Traffic Sign	86.84	16.51
10 14 53 11-0085	EA 24" x 42" Steel Non Reflectorized Traffic Sign	103.15	20.17
10 14 53 11-0086	EA 24" x 48" Steel Non Reflectorized Traffic Sign	112.12	20.17
10 14 53 11-0087	EA 24" x 54" Steel Non Reflectorized Traffic Sign	121.09	20.17
10 14 53 11-0088	EA 24" x 60" Steel Non Reflectorized Traffic Sign	130.06	20.17
10 14 53 11-0089	EA 30" x 30" Steel Non Reflectorized Traffic Sign	89.08	16.51
10 14 53 11-0090	EA 30" x 36" Steel Non Reflectorized Traffic Sign	107.63	20.17
10 14 53 11-0091	EA 30" x 42" Steel Non Reflectorized Traffic Sign	118.85	20.17
10 14 53 11-0092	EA 30" x 48" Steel Non Reflectorized Traffic Sign	137.39	23.84
10 14 53 11-0093	EA 30" x 60" Steel Non Reflectorized Traffic Sign	167.16	27.51
10 14 53 11-0094	EA 36" x 36" Steel Non Reflectorized Traffic Sign	121.09	20.17
10 14 53 11-0095	EA 36" x 42" Steel Non Reflectorized Traffic Sign	141.88	23.84
10 14 53 11-0096	EA 36" x 48" Steel Non Reflectorized Traffic Sign	162.68	27.51
10 14 53 11-0097	EA 36" x 54" Steel Non Reflectorized Traffic Sign	176.13	27.51
10 14 53 11-0098	EA 36" x 60" Steel Non Reflectorized Traffic Sign	196.93	31.18
10 14 53 11-0099	EA 36" x 73" Steel Non Reflectorized Traffic Sign	233.43	34.84
10 14 53 11-0100	EA 36" x 78" Steel Non Reflectorized Traffic Sign	244.64	34.84
10 14 53 11-0101	EA 36" x 108" Steel Non Reflectorized Traffic Sign	322.93	40.35
10 14 53 11-0102	EA 42" x 42" Steel Non Reflectorized Traffic Sign	164.92	27.51
10 14 53 11-0103	EA 48" x 48" Steel Non Reflectorized Traffic Sign	205.90	31.18
10 14 53 11-0104	EA 48" x 54" Steel Non Reflectorized Traffic Sign	231.18	34.84
10 14 53 11-0105	EA 48" x 60" Steel Non Reflectorized Traffic Sign	249.13	34.84
10 14 53 11-0106	EA 48" x 66" Steel Non Reflectorized Traffic Sign	278.07	40.35
10 14 53 11-0107	EA 48" x 72" Steel Non Reflectorized Traffic Sign	296.01	40.35
10 14 53 11-0108	EA 48" x 84" Steel Non Reflectorized Traffic Sign	339.23	44.02
10 14 53 11-0109	EA 48" x 96" Steel Non Reflectorized Traffic Sign	375.11	44.02
10 14 53 11-0110	EA 48" x 102" Steel Non Reflectorized Traffic Sign	393.05	44.02
10 14 53 11-0111	EA 48" x 108" Steel Non Reflectorized Traffic Sign	414.67	45.85
10 14 53 11-0112	EA 60" x 72" Steel Non Reflectorized Traffic Sign	357.17	44.02
10 14 53 11-0113	EA 72" x 144" Steel Non Reflectorized Traffic Sign	763.31	58.69
10 14 53 11-0114	EA 78" x 96" Steel Non Reflectorized Traffic Sign	558.21	45.85

10 14 53 11-0115 **Aluminum Non-Reflectorized Traffic Signs** (10 14 53 11-0062)

10 14 53 11-0116	EA 6" x 12" Aluminum Non Reflectorized Traffic Sign	34.02	14.67
10 14 53 11-0117	EA 6" x 18" Aluminum Non Reflectorized Traffic Sign	36.35	14.67
10 14 53 11-0118	EA 9" x 12" Aluminum Non Reflectorized Traffic Sign	36.35	14.67
10 14 53 11-0119	EA 9" x 15" Aluminum Non Reflectorized Traffic Sign	38.10	14.67
10 14 53 11-0120	EA 9" x 18" Aluminum Non Reflectorized Traffic Sign	39.85	14.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0121	EA		9" x 24" Aluminum Non ReflectORIZED Traffic Sign	45.19	15.59
10 14 53 11-0122	EA		9" x 48" Aluminum Non ReflectORIZED Traffic Sign	59.19	15.59
10 14 53 11-0123	EA		12" x 12" Aluminum Non ReflectORIZED Traffic Sign	38.69	14.67
10 14 53 11-0124	EA		12" x 18" Aluminum Non ReflectORIZED Traffic Sign	45.19	15.59
10 14 53 11-0125	EA		12" x 24" Aluminum Non ReflectORIZED Traffic Sign	49.85	15.59
10 14 53 11-0126	EA		12" x 30" Aluminum Non ReflectORIZED Traffic Sign	54.52	15.59
10 14 53 11-0127	EA		12" x 36" Aluminum Non ReflectORIZED Traffic Sign	59.19	15.59
10 14 53 11-0128	EA		18" x 18" Aluminum Non ReflectORIZED Traffic Sign	52.19	15.59
10 14 53 11-0129	EA		18" x 24" Aluminum Non ReflectORIZED Traffic Sign	59.19	15.59
10 14 53 11-0130	EA		18" x 30" Aluminum Non ReflectORIZED Traffic Sign	68.02	16.51
10 14 53 11-0131	EA		18" x 36" Aluminum Non ReflectORIZED Traffic Sign	75.03	16.51
10 14 53 11-0132	EA		18" x 48" Aluminum Non ReflectORIZED Traffic Sign	96.37	20.17
10 14 53 11-0133	EA		18" x 54" Aluminum Non ReflectORIZED Traffic Sign	103.37	20.17
10 14 53 11-0134	EA		24" x 24" Aluminum Non ReflectORIZED Traffic Sign	70.36	16.51
10 14 53 11-0135	EA		24" x 30" Aluminum Non ReflectORIZED Traffic Sign	79.69	16.51
10 14 53 11-0136	EA		24" x 36" Aluminum Non ReflectORIZED Traffic Sign	89.03	16.51
10 14 53 11-0137	EA		24" x 42" Aluminum Non ReflectORIZED Traffic Sign	105.71	20.17
10 14 53 11-0138	EA		24" x 48" Aluminum Non ReflectORIZED Traffic Sign	115.05	20.17
10 14 53 11-0139	EA		24" x 54" Aluminum Non ReflectORIZED Traffic Sign	124.38	20.17
10 14 53 11-0140	EA		24" x 60" Aluminum Non ReflectORIZED Traffic Sign	133.72	20.17
10 14 53 11-0141	EA		30" x 30" Aluminum Non ReflectORIZED Traffic Sign	91.37	16.51
10 14 53 11-0142	EA		30" x 36" Aluminum Non ReflectORIZED Traffic Sign	110.38	20.17
10 14 53 11-0143	EA		30" x 42" Aluminum Non ReflectORIZED Traffic Sign	122.05	20.17
10 14 53 11-0144	EA		30" x 48" Aluminum Non ReflectORIZED Traffic Sign	141.05	23.84
10 14 53 11-0145	EA		30" x 60" Aluminum Non ReflectORIZED Traffic Sign	171.73	27.51
10 14 53 11-0146	EA		36" x 36" Aluminum Non ReflectORIZED Traffic Sign	124.38	20.17
10 14 53 11-0147	EA		36" x 42" Aluminum Non ReflectORIZED Traffic Sign	145.72	23.84
10 14 53 11-0148	EA		36" x 48" Aluminum Non ReflectORIZED Traffic Sign	167.06	27.51
10 14 53 11-0149	EA		36" x 54" Aluminum Non ReflectORIZED Traffic Sign	181.07	27.51
10 14 53 11-0150	EA		36" x 60" Aluminum Non ReflectORIZED Traffic Sign	202.41	31.18
10 14 53 11-0151	EA		36" x 73" Aluminum Non ReflectORIZED Traffic Sign	240.10	34.84
10 14 53 11-0152	EA		36" x 78" Aluminum Non ReflectORIZED Traffic Sign	251.77	34.84
10 14 53 11-0153	EA		36" x 108" Aluminum Non ReflectORIZED Traffic Sign	332.80	40.35
10 14 53 11-0154	EA		42" x 42" Aluminum Non ReflectORIZED Traffic Sign	169.40	27.51
10 14 53 11-0155	EA		48" x 48" Aluminum Non ReflectORIZED Traffic Sign	211.75	31.18
10 14 53 11-0156	EA		48" x 54" Aluminum Non ReflectORIZED Traffic Sign	237.76	34.84
10 14 53 11-0157	EA		48" x 60" Aluminum Non ReflectORIZED Traffic Sign	256.44	34.84
10 14 53 11-0158	EA		48" x 66" Aluminum Non ReflectORIZED Traffic Sign	286.11	40.35
10 14 53 11-0159	EA		48" x 72" Aluminum Non ReflectORIZED Traffic Sign	304.79	40.35
10 14 53 11-0160	EA		48" x 84" Aluminum Non ReflectORIZED Traffic Sign	349.46	44.02
10 14 53 11-0161	EA		48" x 96" Aluminum Non ReflectORIZED Traffic Sign	386.81	44.02
10 14 53 11-0162	EA		48" x 102" Aluminum Non ReflectORIZED Traffic Sign	405.48	44.02
10 14 53 11-0163	EA		48" x 108" Aluminum Non ReflectORIZED Traffic Sign	427.83	45.85
10 14 53 11-0164	EA		60" x 72" Aluminum Non ReflectORIZED Traffic Sign	368.14	44.02
10 14 53 11-0165	EA		72" x 144" Aluminum Non ReflectORIZED Traffic Sign	789.64	58.69
10 14 53 11-0166	EA		78" x 96" Aluminum Non ReflectORIZED Traffic Sign	577.22	45.85
10 14 53 11-0167 Aluminum Street Signs <small>(10 14 53 11-0001)</small>					
Note: Excludes posts.					
10 14 53 11-0168 Aluminum Engineer Grade Street Signs <small>(10 14 53 11-0167)</small>					
10 14 53 11-0169	EA		6" High, Aluminum Engineer Grade Street Sign	57.58	7.33
10 14 53 11-0170	EA		8" High, Aluminum Engineer Grade Street Sign	65.16	7.33
10 14 53 11-0171	EA		9" High, Aluminum Engineer Grade Street Sign	70.79	7.33
10 14 53 11-0172 Street Sign Accessories <small>(10 14 53 11-0167)</small>					
10 14 53 11-0173	EA		Single Bracket And Post Cap For Street Sign.....	17.65	3.67
10 14 53 11-0174	EA		Double Bracket And Post Cap For Street Sign	17.65	3.67
10 14 53 11-0175 Sign Posts <small>(10 14 53 11-0001)</small>					
Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.					
10 14 53 11-0176 U-Channel Sign Posts <small>(10 14 53 11-0175)</small>					
Note: Excludes digging and concrete.					
10 14 53 11-0177 Baked Enamel U-Channel Sign Posts <small>(10 14 53 11-0176)</small>					
10 14 53 11-0178	EA		3' To 4' Baked Enamel U-Channel Sign Post Base	47.85	14.97
10 14 53 11-0179	EA		6' Baked Enamel U-Channel Sign Post	62.60	18.71
10 14 53 11-0180	EA		7' Baked Enamel U-Channel Sign Post	74.78	22.45
10 14 53 11-0181	EA		8' Baked Enamel U-Channel Sign Post	87.52	26.19
10 14 53 11-0182	EA		10' Baked Enamel U-Channel Sign Post	105.66	31.81
10 14 53 11-0183	EA		12' Baked Enamel U-Channel Sign Post	108.53	31.81
10 14 53 11-0184 Galvanized Steel U-Channel Sign Posts <small>(10 14 53 11-0176)</small>					
10 14 53 11-0185	EA		3' To 4' Galvanized Steel U-Channel Sign Post Base.....	51.54	14.97
10 14 53 11-0186	EA		6' Galvanized Steel U-Channel Sign Post.....	68.46	18.71
10 14 53 11-0187	EA		7' Galvanized Steel U-Channel Sign Post.....	88.03	22.45
10 14 53 11-0188	EA		8' Galvanized Steel U-Channel Sign Post.....	102.17	26.19
10 14 53 11-0189	EA		10' Galvanized Steel U-Channel Sign Post.....	116.32	31.81
10 14 53 11-0190	EA		12' Galvanized Steel U-Channel Sign Post.....	117.81	31.81

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 53 11-0191			Fiberglass Or Composite Plastic U-Channel Sign Posts (10 14 53 11-0176)		
10 14 53 11-0192	EA		3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	46.98	14.97
10 14 53 11-0193	EA		6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	60.71	18.71
10 14 53 11-0194	EA		7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	72.50	22.45
10 14 53 11-0195	EA		8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	84.80	26.19
10 14 53 11-0196	EA		10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	100.72	31.81
10 14 53 11-0197	EA		12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	105.60	31.81
10 14 53 11-0198			Tubular Sign Posts (10 14 53 11-0175) Note: Excludes digging and concrete.		
10 14 53 11-0199			2-3/8" Diameter, Galvanized Steel Tubular Sign Post (10 14 53 11-0198)		
10 14 53 11-0200	EA		6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	69.07	18.71
10 14 53 11-0201	EA		7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	82.02	22.45
10 14 53 11-0202	EA		8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	96.80	26.19
10 14 53 11-0203	EA		10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	124.34	31.81
10 14 53 11-0204	EA		12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	134.40	31.81
10 14 53 11-0205			Square Sign Posts (10 14 53 11-0175) Note: Excludes digging and concrete.		
10 14 53 11-0206			Galvanized Steel Square Sign Posts (10 14 53 11-0205)		
10 14 53 11-0207	EA		3' To 4' Galvanized Steel Square Sign Post Base.....	52.36	14.97
10 14 53 11-0208	EA		6' Galvanized Steel Square Sign Post.....	82.34	18.71
10 14 53 11-0209	EA		7' Galvanized Steel Square Sign Post.....	96.66	22.45
10 14 53 11-0210	EA		8' Galvanized Steel Square Sign Post.....	112.74	26.19
10 14 53 11-0211	EA		10' Galvanized Steel Square Sign Post.....	137.64	31.81
10 14 53 11-0212	EA		12' Galvanized Steel Square Sign Post.....	144.66	31.81
10 14 53 11-0213			Sign Post Accessories (10 14 53 11-0001)		
10 14 53 11-0214			Sign Post Brackets (10 14 53 11-0213)		
10 14 53 11-0215	EA		2-3/8" Outside Diameter, Single Sign Bracket Set.....	23.39	5.51
10 14 53 11-0216	EA		2-3/8" Outside Diameter, Double Sign Bracket Set.....	42.06	9.17
10 14 53 11-0217	EA		10 cm - 37 cm Diameter, Buckle Bracket Set.....	36.14	7.33
10 14 53 11-0218			Sign Post Caps (10 14 53 11-0213)		
10 14 53 11-0219	EA		Traffic Sign Post Cap.....	13.08	3.67
10 14 53 11-0220			Sign Post Replacement Bolts (10 14 53 11-0213)		
10 14 53 11-0221	EA		Signage Fasteners Replacement..... Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	9.27	
10 14 53 11-0222			Removal Of Signs (10 14 53 11) Note: Includes structural supports.		
10 14 53 11-0223	EA		>4 To 10 SF Sign Area, Sign Removal.....	146.73	
10 14 53 11-0224	EA		>10 To 20 SF Sign Area, Sign Removal.....	352.14	
10 14 53 11-0225	EA		>20 To 40 SF Sign Area, Sign Removal.....	528.20	
10 14 53 11-0226	EA		>40 To 100 SF Sign Area, Sign Removal.....	837.56	
10 14 53 11-0227			Remove And Reinstall Signs (10 14 53 11) Note: Includes structural supports.		
10 14 53 11-0228	EA		>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign.....	223.30	
10 14 53 11-0229	EA		>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign.....	530.49	
10 14 53 11-0230	EA		>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign.....	794.25	
10 14 53 11-0231	EA		>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign.....	1,258.16	
10 14 53 11-0232	EA		Removal And Reinstallation Of Street Sign On Post.....	84.37	
10 14 53 11-0233	EA		Removal And Relocation Of Traffic Light..... Note: Excludes electrical hookup.	301.08	
10 14 56			Bridge Signage (10 14)		
10 14 56 00-0001			Bridge And Truss Mounted Signs (10 14 56)		
10 14 56 00-0002			Removal Of Bridge And Truss Mounted Signs (10 14 56 00-0001)		
10 14 56 00-0003	CF		Removal Of Foundation..... Note: Including Excavation	13.48	
10 14 56 00-0004	LF		Removal Of Truss And Supports.....	186.71	
10 14 56 00-0005	SF		Removal Of Sign Face.....	8.53	
10 14 56 00-0006	SF		Removal Of Legend.....	14.23	
10 14 56 00-0007	EA		Removal Of Changeable Message Panel.....	164.13	
10 14 56 00-0008	EA		Removal Of Posts And Supports, Per Post.....	85.35	
10 14 56 00-0009			Fabricate And Install New Reflective Messages On Sign Face (10 14 56 00-0001)		
10 14 56 00-0010			One Color/3 Dimensional Demountable Letters (10 14 56 00-0009)		
10 14 56 00-0011	EA		6" Capital Height Letter.....	23.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 56 00-0012	EA		8" Capital Height Letter.....	27.26	
10 14 56 00-0013	EA		10" Capital Height Letter.....	31.34	
10 14 56 00-0014	EA		12" Capital Height Letter.....	35.00	
10 14 56 00-0015	EA		14" Capital Height Letter.....	37.05	

10 14 56 00-0016 Two Color Legend Shields-Die Cut Vinyl Engineer Grade (10 14 56 00-0009)

10 14 56 00-0017	EA		6" Legend/Shields.....	23.86	
10 14 56 00-0018	EA		8" Legend/Shields.....	28.18	
10 14 56 00-0019	EA		10" Legend/Shields.....	32.49	
10 14 56 00-0020	EA		12" Legend/Shields.....	36.38	
10 14 56 00-0021	EA		14" Legend/Shields.....	38.67	

10 20 Interior Specialties (10)
10 21 Compartments And Cubicles (1020)
10 21 13 Toilet Compartments (1021)
10 21 13 13 Metal Toilet Compartments (1021 13)
10 21 13 13-0001 Enamel Coated Steel Toilet Partitions And Urinal Screens (1021 13 13)

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.

10 21 13 13-0002 Enamel Coated Steel Toilet Partitions (1021 13 13-0001)

Note: All colors.

10 21 13 13-0003 Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions (1021 13 13-0002)

10 21 13 13-0004	EA		36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	830.69	114.01
			<i>For >10, Deduct</i>	-62.27	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0005	EA		60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,001.26	124.15
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0006	EA		60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,068.54	129.22
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	

10 21 13 13-0007 Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions (1021 13 13-0002)

Note: Includes headrail.

10 21 13 13-0008	EA		36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	869.91	139.35
			<i>For >10, Deduct</i>	-59.12	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0009	EA		60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,007.56	149.49
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0010	EA		60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,064.23	154.55
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	

10 21 13 13-0011 Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions (1021 13 13-0002)

Note: Excludes above ceiling steel.

10 21 13 13-0012	EA		36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,026.78	164.68
			<i>For >10, Deduct</i>	-69.74	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0013	EA		60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,192.92	174.82
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0014	EA		60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,252.05	179.88
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	

10 21 13 13-0015 Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions (1021 13 13-0002)

Note: Excludes above ceiling steel.

10 21 13 13-0016	EA		36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	999.89	190.02
			<i>For >10, Deduct</i>	-61.98	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0017	EA		60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,193.36	200.16
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
10 21 13 13-0018	EA		60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,258.99	205.23
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	

10 21 13 13-0019 Enamel Coated Steel Urinal Screens (1021 13 13-0001)

Note: All colors.

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 13-0020	Floor Anchored, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0021	EA 24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	442.45	70.92
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0022	EA 36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	489.81	75.99
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0023	EA 48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	538.57	81.05
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0024	Wall Hung, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0025	EA 18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	256.13	60.79
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0026	EA 24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	276.29	65.86
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0027	EA 30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	292.14	70.92
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0028	Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0029	EA 18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen.....	327.77	65.86
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0030	Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0031	EA 18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	365.04	65.86
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0032	EA 24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	389.49	70.92
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0033	EA 30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	413.93	75.99
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0034	Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0035	EA 22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	410.95	70.92
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0036	EA 34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	441.13	75.99
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0037	EA 46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	487.05	81.05
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0038	Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 13-0001)</small>		
	Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0039	Enamel Coated Steel, Toilet Partition Doors <small>(10 21 13 13-0038)</small>		
10 21 13 13-0040	EA 24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	258.13	20.27
	<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	74.33	
10 21 13 13-0041	EA 26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	263.85	20.27
	<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	74.33	
10 21 13 13-0042	EA 30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	279.78	21.78
	<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	74.33	
10 21 13 13-0043	EA 34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	305.54	21.78
	<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	74.33	
10 21 13 13-0044	EA 36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	311.27	21.78
	<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	74.33	
10 21 13 13-0045	Enamel Coated Steel, Toilet Partition Panels <small>(10 21 13 13-0038)</small>		
10 21 13 13-0046	EA 6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	189.65	30.40
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0047	EA 12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	209.03	32.93
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0048	EA 18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	228.40	35.47
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0049	EA 24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	247.79	38.00
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0050	EA 30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	267.18	40.54
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0051	EA 36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	286.55	43.08
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0052	EA 42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	304.50	45.61
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0053	EA 48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	323.89	48.14
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0054	EA 55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	337.54	50.68
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0055	EA 58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	345.29	51.68
	<i>For Panel Reinforced At ADA Grab Bar, Add</i>	42.00	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0056	EA 60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	355.49	53.21
	<i>For Panel Reinforced At ADA Grab Bar, Add</i>	42.00	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
10 21 13 13-0057	EA 70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	387.76	55.74
	<i>For Panel Reinforced At ADA Grab Bar, Add</i>	42.00	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21	13	13-0058	EA 78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	415.73 42.00 46.19	58.28
10 21 13 13-0059 70" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)					
10 21	13	13-0060	EA Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	142.06 46.19	15.20
10 21	13	13-0061	EA 5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	157.15 46.19	17.73
10 21	13	13-0062	EA 6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	173.67 46.19	20.27
10 21	13	13-0063	EA 8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	201.64 46.19	22.80
10 21	13	13-0064	EA 10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	228.19 46.19	25.33
10 21	13	13-0065	EA 12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	254.72 46.19	27.87
10 21	13	13-0066	EA 18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	327.07 46.19	30.40
10 21	13	13-0067	EA 22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	375.08 46.19	32.93
10 21	13	13-0068	EA 24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	403.05 46.19	35.47
10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)					
10 21	13	13-0070	EA Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	114.86 46.19	15.20
10 21	13	13-0071	EA 5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	125.65 46.19	17.73
10 21	13	13-0072	EA 6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	137.88 46.19	20.27
10 21	13	13-0073	EA 8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	155.84 46.19	22.80
10 21	13	13-0074	EA 10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	172.36 46.19	25.33
10 21	13	13-0075	EA 12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	190.30 46.19	27.87
10 21	13	13-0076	EA 18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	234.02 46.19	30.40
10 21	13	13-0077	EA 22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	263.43 46.19	32.93
10 21	13	13-0078	EA 24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	281.37 46.19	35.47
10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters (10 21 13 13-0038)					
10 21	13	13-0080	EA Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	159.35 46.19	20.27
10 21	13	13-0081	EA 5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	174.45 46.19	22.80
10 21	13	13-0082	EA 6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	190.97 46.19	25.33
10 21	13	13-0083	EA 8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	218.93 46.19	27.87
10 21	13	13-0084	EA 10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	245.47 46.19	30.40
10 21	13	13-0085	EA 12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	272.02 46.19	32.93
10 21	13	13-0086	EA 18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	344.36 46.19	35.47
10 21	13	13-0087	EA 22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	392.37 46.19	38.00
10 21	13	13-0088	EA 24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	420.35 46.19	40.54
10 21 13 14 Stainless-Steel Toilet Compartments (10 21 13)					
10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens (10 21 13 14)					
Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.					
10 21 13 14-0002 Stainless Steel Toilet Partitions (10 21 13 14-0001)					
10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002)					
10 21	13	14-0004	EA 36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,655.97 -142.79 166.70 499.78	114.01
10 21	13	14-0005	EA 60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,992.92 166.70 610.62	124.15

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 14-0006	EA 60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,086.99 166.70 640.00	129.22
10 21 13 14-0007	Overhead Braced, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Includes headrail.		
10 21 13 14-0008	EA 36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,422.92 -114.42 166.70 400.48	139.35
10 21 13 14-0009	EA 60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,722.23 166.70 498.14	149.49
10 21 13 14-0010	EA 60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,872.65 166.70 547.24	154.55
10 21 13 14-0011	Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.		
10 21 13 14-0012	EA 36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,957.15 -162.78 166.70 569.72	164.68
10 21 13 14-0013	EA 60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,098.24 166.70 612.01	174.82
10 21 13 14-0014	EA 60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,194.98 166.70 642.32	179.88
10 21 13 14-0015	Ceiling Hung, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.		
10 21 13 14-0016	EA 36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,971.45 -159.14 166.70 556.99	190.02
10 21 13 14-0017	EA 60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,384.45 166.70 694.45	200.16
10 21 13 14-0018	EA 60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,504.76 166.70 733.01	205.23
10 21 13 14-0019	Stainless Steel Urinal Screens (10 21 13 14-0001)		
10 21 13 14-0020	Floor Anchored, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0021	EA 24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	562.80 46.19 147.34	70.92
10 21 13 14-0022	EA 36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	634.98 46.19 169.05	75.99
10 21 13 14-0023	EA 48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	650.18 46.19 170.83	81.05
10 21 13 14-0024	Wall Hung, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0025	EA 18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	420.22 46.19 104.53	60.79
10 21 13 14-0026	EA 24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	454.76 46.19 113.07	65.86
10 21 13 14-0027	EA 30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	495.98 46.19 123.95	70.92
10 21 13 14-0028	Wall Hung And Post Supported, Stainless Steel, Urinal Screens (10 21 13 14-0019)		
10 21 13 14-0029	EA 18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	666.19 46.19 187.07	65.86
10 21 13 14-0030	EA 24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	699.17 46.19 195.07	70.92
10 21 13 14-0031	EA 30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	732.00 46.19 203.01	75.99

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 14-0032	Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>		
10 21 13 14-0033	EA 22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	562.80 46.19 147.34	70.92
10 21 13 14-0034	EA 34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	634.97 46.19 169.05	75.99
10 21 13 14-0035	EA 46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	710.05 46.19 191.78	81.05
10 21 13 14-0036	Stainless Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 14-0001)</small> See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 14-0037	Stainless Steel, Toilet Partition Doors <small>(10 21 13 14-0036)</small>		
10 21 13 14-0038	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	358.99 74.33 111.46	20.27
10 21 13 14-0039	EA 26" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	409.29 74.33 129.06	20.27
10 21 13 14-0040	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	421.32 74.33 131.50	22.80
10 21 13 14-0041	EA 34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	435.84 74.33 136.58	22.80
10 21 13 14-0042	EA 36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	439.88 74.33 137.99	22.80
10 21 13 14-0043	Stainless Steel, Toilet Partition Panels <small>(10 21 13 14-0036)</small>		
10 21 13 14-0044	EA 6" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	316.34 46.19 89.44	30.40
10 21 13 14-0045	EA 12" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	350.92 46.19 99.76	32.93
10 21 13 14-0046	EA 18" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	366.19 46.19 103.34	35.47
10 21 13 14-0047	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	383.39 46.19 107.58	38.00
10 21 13 14-0048	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	411.39 46.19 115.61	40.54
10 21 13 14-0049	EA 36" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	443.74 46.19 125.16	43.08
10 21 13 14-0050	EA 42" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	516.87 46.19 148.98	45.61
10 21 13 14-0051	EA 48" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	565.07 46.19 164.08	48.14
10 21 13 14-0052	EA 55" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	580.35 46.19 167.65	50.68
10 21 13 14-0053	EA 58" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	608.49 46.19 176.79	51.68
10 21 13 14-0054	EA 60" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	645.58 46.19 188.71	53.21
10 21 13 14-0055	EA 70" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	676.44 46.19 197.73	55.74
10 21 13 14-0056	EA 78" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	740.85 46.19 218.51	58.28
10 21 13 14-0057	70" Long, Stainless Steel, Toilet Partition Pilasters <small>(10 21 13 14-0036)</small>		
10 21 13 14-0058	EA Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	216.55 46.19 65.15	15.20
10 21 13 14-0059	EA 5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	236.38 46.19 70.32	17.73
10 21 13 14-0060	EA 6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	257.34 46.19 75.88	20.27

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 14-0061	EA 8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	293.06 46.19 86.61	22.80
10 21 13 14-0062	EA 10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	328.78 46.19 97.34	25.33
10 21 13 14-0063	EA 12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	364.48 46.19 108.06	27.87
10 21 13 14-0064	EA 18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	460.36 46.19 139.84	30.40
10 21 13 14-0065	EA 22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	526.73 46.19 161.30	32.93
10 21 13 14-0066	EA 24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	562.43 46.19 172.02	35.47
10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)			
10 21 13 14-0068	EA Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	167.22 46.19 47.89	15.20
10 21 13 14-0069	EA 5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	181.66 46.19 51.17	17.73
10 21 13 14-0070	EA 6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	196.57 46.19 54.61	20.27
10 21 13 14-0071	EA 8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	253.57 46.19 72.79	22.80
10 21 13 14-0072	EA 10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	286.01 46.19 82.37	25.33
10 21 13 14-0073	EA 12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	296.74 46.19 84.35	27.87
10 21 13 14-0074	EA 18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	335.69 46.19 96.21	30.40
10 21 13 14-0075	EA 22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	378.03 46.19 109.25	32.93
10 21 13 14-0076	EA 24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	401.57 46.19 115.72	35.47
10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)			
10 21 13 14-0078	EA Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	239.18 46.19 69.52	20.27
10 21 13 14-0079	EA 5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	262.41 46.19 75.88	22.80
10 21 13 14-0080	EA 6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	284.51 46.19 81.84	25.33
10 21 13 14-0081	EA 8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	325.89 46.19 94.55	27.87
10 21 13 14-0082	EA 10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	366.15 46.19 106.87	30.40
10 21 13 14-0083	EA 12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	406.41 46.19 119.19	32.93
10 21 13 14-0084	EA 18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	519.30 46.19 156.93	35.47
10 21 13 14-0085	EA 22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	594.75 46.19 181.56	38.00
10 21 13 14-0086	EA 24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	636.14 46.19 194.27	40.54

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments (10 21 13)**10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens (10 21 13 16)**

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0002			Laminated Plastic Toilet Partitions (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
10 21 13 16-0003			Floor Anchored, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)		
10 21 13 16-0004	EA		36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,040.84	114.01
			For >10, Deduct	-81.28	
			For Cast Stainless Steel Hardware, Add	133.91	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0005	EA		60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,269.21	124.15
			For Cast Stainless Steel Hardware, Add	133.92	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0006	EA		60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,364.83	129.22
			For Cast Stainless Steel Hardware, Add	133.93	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0007			Overhead Braced, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Includes headrail.		
10 21 13 16-0008	EA		36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,131.19	139.35
			For >10, Deduct	-85.25	
			For Cast Stainless Steel Hardware, Add	133.94	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0009	EA		60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,369.48	149.49
			For Cast Stainless Steel Hardware, Add	133.95	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0010	EA		60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,472.53	154.55
			For Cast Stainless Steel Hardware, Add	133.95	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0011			Ceiling Hung, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA		36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,513.50	190.02
			For >10, Deduct	-113.35	
			For Cast Stainless Steel Hardware, Add	133.99	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0013	EA		60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,759.42	200.16
			For Cast Stainless Steel Hardware, Add	134.00	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0014	EA		60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,855.03	205.23
			For Cast Stainless Steel Hardware, Add	134.01	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	166.70	
10 21 13 16-0015			Laminated Plastic Urinal Screens (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
10 21 13 16-0016			Floor Anchored, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0017	EA		24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	444.97	70.92
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0018	EA		36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	484.85	75.99
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0019	EA		48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	500.80	81.05
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0020			Wall Hung, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0021	EA		18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	347.20	60.79
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0022	EA		24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	365.84	65.86
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0023	EA		30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	383.69	70.92
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0024			Wall Hung And Post Supported, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0025	EA		18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	456.73	65.86
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0026	EA		24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	500.76	70.92
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0027	EA		30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	548.37	75.99
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0028			Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0029	EA		24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	422.98	65.86
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0030	EA		36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	463.69	70.92
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 16-0031	EA		48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	479.17	75.99
			For Heavy Gauge Full-Height SS Brackets, Add	46.19	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 16-0032	Laminated Plastic Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 16-0001)</small> Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033	Laminated Plastic, Toilet Partition Doors <small>(10 21 13 16-0032)</small>		
10 21 13 16-0034	EA 24" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	341.03 74.33	20.27
10 21 13 16-0035	EA 26" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	370.23 74.33	20.27
10 21 13 16-0036	EA 30" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	383.26 74.33	22.80
10 21 13 16-0037	EA 34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	392.29 74.33	22.80
10 21 13 16-0038	EA 36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	400.78 74.33	22.80
10 21 13 16-0039	Laminated Plastic, Toilet Partition Panels <small>(10 21 13 16-0032)</small>		
10 21 13 16-0040	EA 6" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	179.16 46.19	30.40
10 21 13 16-0041	EA 12" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	197.99 46.19	32.93
10 21 13 16-0042	EA 18" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	216.81 46.19	35.47
10 21 13 16-0043	EA 24" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	236.34 46.19	38.00
10 21 13 16-0044	EA 30" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	254.47 46.19	40.54
10 21 13 16-0045	EA 36" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	274.08 46.19	43.08
10 21 13 16-0046	EA 42" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	280.76 46.19	45.61
10 21 13 16-0047	EA 48" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	288.47 46.19	48.14
10 21 13 16-0048	EA 55" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	303.63 46.19	50.68
10 21 13 16-0049	EA 58" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	315.98 46.19	51.68
10 21 13 16-0050	EA 60" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	329.92 46.19	53.21
10 21 13 16-0051	EA 70" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	374.82 46.19	55.74
10 21 13 16-0052	EA 78" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	425.53 46.19	58.28
10 21 13 16-0053	69" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10 21 13 16-0032)</small>		
10 21 13 16-0054	EA Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	143.48 9.33 46.19 113.08	15.20
10 21 13 16-0055	EA 5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	165.54 10.73 46.19 130.07	17.73
10 21 13 16-0056	EA 6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	170.61 10.73 46.19 130.07	20.27
10 21 13 16-0057	EA 8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	188.42 11.78 46.19 142.81	22.80
10 21 13 16-0058	EA 10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	197.21 12.09 46.19 146.53	25.33
10 21 13 16-0059	EA 12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	214.48 13.10 46.19 158.74	27.87
10 21 13 16-0060	EA 18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	271.58 17.39 46.19 210.77	30.40
10 21 13 16-0061	EA 22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	327.61 21.59 46.19 261.73	32.93
10 21 13 16-0062	EA 24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	367.18 24.44 46.19 296.24	35.47
10 21 13 16-0063	83" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10 21 13 16-0032)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0064	EA		Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	277.27 20.37 46.19 246.87	15.20
10 21 13 16-0065	EA		5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	306.76 22.38 46.19 271.29	17.73
10 21 13 16-0066	EA		6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	311.83 22.38 46.19 271.29	20.27
10 21 13 16-0067	EA		8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	337.61 24.09 46.19 292.00	22.80
10 21 13 16-0068	EA		10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	368.69 26.24 46.19 318.01	25.33
10 21 13 16-0069	EA		12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	393.92 27.90 46.19 338.18	27.87
10 21 13 16-0070	EA		18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	488.99 35.32 46.19 428.18	30.40
10 21 13 16-0071	EA		22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	556.43 40.47 46.19 490.55	32.93
10 21 13 16-0072	EA		24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster For 1-1/4" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For Steel Core Pilaster, Add	571.58 41.30 46.19 500.64	35.47

10 21 13 19 Plastic Toilet Compartments (10 21 13)

10 21 13 19-0001			Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10 21 13 19) Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0002			Recycled Solid Plastic (HDPE) Toilet Partitions (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003			Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Includes headrail.		
10 21 13 19-0004	EA		36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... For >10, Deduct For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,306.16 -102.75 166.70 637.03	139.35
10 21 13 19-0005	EA		60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,597.04 166.70 804.80	149.49
10 21 13 19-0006	EA		60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,764.23 166.70 902.18	154.55
10 21 13 19-0007			Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Excludes above ceiling steel.		
10 21 13 19-0008	EA		36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... For >10, Deduct For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,317.91 -98.85 166.70 612.89	164.68
10 21 13 19-0009	EA		60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,633.93 166.70 796.25	174.82
10 21 13 19-0010	EA		60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition For Heavy Gauge Full-Height SS Hinges And Brackets, Add For NFPA Class A, Add	1,801.12 166.70 893.63	179.88
10 21 13 19-0011			Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Excludes above ceiling steel.		

10 Specialties

10 20 Interior Specialties

10 21 Compartments And Cubicles

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,391.01 -101.10 166.70 626.80	190.02
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,637.83 166.70 767.26	200.16
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,805.03 166.70 864.64	205.23
10 21 13 19-0015		Recycled Solid Plastic (HDPE) Urinal Screens (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016		Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0015)		
10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	318.40 46.19 122.03	60.79
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	336.30 46.19 126.85	65.86
10 21 13 19-0019		Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0015)		
10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	399.26 46.19 165.88	65.86
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	498.56 46.19 221.17	70.92
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	552.60 46.19 248.39	75.99
10 21 13 19-0023		Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0015)		
10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	409.39 46.19 165.88	70.92
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	508.69 46.19 221.17	75.99
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	599.15 46.19 270.97	81.05
10 21 13 19-0027		Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0028		Recycled Solid Plastic (HDPE), Toilet Partition Doors (10 21 13 19-0027)		
10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	305.00 74.33 163.97	20.27
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	329.07 74.33 178.89	20.27
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	358.03 74.33 193.70	22.80
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	406.74 74.33 223.90	22.80
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	418.26 74.33 231.04	22.80
10 21 13 19-0034		Recycled Solid Plastic (HDPE), Toilet Partition Panels (10 21 13 19-0027)		
10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	119.43 46.19 36.34	30.40
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	183.12 46.19 72.69	32.93
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	246.78 46.19 109.02	35.47
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	286.43 46.19 130.46	38.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0039	EA		30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	344.11 46.19 163.08	40.54
10 21 13 19-0040	EA		36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	367.57 46.19 174.49	43.08
10 21 13 19-0041	EA		42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	411.29 46.19 198.45	45.61
10 21 13 19-0042	EA		48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	462.08 46.19 226.80	48.14
10 21 13 19-0043	EA		55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	503.75 46.19 249.49	50.68
10 21 13 19-0044	EA		58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	514.65 46.19 254.99	51.68
10 21 13 19-0045	EA		60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	531.87 46.19 263.79	53.21
10 21 13 19-0046	EA		70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	599.01 46.19 302.26	55.74
10 21 13 19-0047	EA		78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	644.71 46.19 327.46	58.28
10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>					
10 21 13 19-0049	EA		Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	143.32 46.19 70.01	15.20
10 21 13 19-0050	EA		5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	159.71 46.19 77.03	17.73
10 21 13 19-0051	EA		6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	174.12 46.19 82.82	20.27
10 21 13 19-0052	EA		8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	187.54 46.19 88.00	22.80
10 21 13 19-0053	EA		10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	210.43 46.19 99.05	25.33
10 21 13 19-0054	EA		12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	233.31 46.19 110.09	27.87
10 21 13 19-0055	EA		18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	316.59 46.19 158.58	30.40
10 21 13 19-0056	EA		22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	357.23 46.19 180.64	32.93
10 21 13 19-0057	EA		24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	388.77 46.19 197.05	35.47
10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>					
10 21 13 19-0059	EA		Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	175.78 46.19 83.85	20.27
10 21 13 19-0060	EA		5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	193.73 46.19 91.83	22.80
10 21 13 19-0061	EA		6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	213.48 46.19 100.94	25.33
10 21 13 19-0062	EA		8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	241.49 46.19 115.17	27.87
10 21 13 19-0063	EA		10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	269.77 46.19 129.56	30.40
10 21 13 19-0064	EA		12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	297.79 46.19 143.78	32.93
10 21 13 19-0065	EA		18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	378.49 46.19 190.68	35.47
10 21 13 19-0066	EA		22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	422.71 46.19 214.95	38.00
10 21 13 19-0067	EA		24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	459.30 46.19 234.50	40.54

10 Specialties
10 20 Interior Specialties
10 21 Compartments And Cubicles



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small>		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10 21 13 19-0068)</small>		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Includes headrail.		
10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition.....	1,665.77	139.35
		<i>For >10, Deduct</i>	-138.71	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	859.99	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,051.37	149.49
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,086.49	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,273.53	154.55
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,217.95	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,663.91	164.68
		<i>For >10, Deduct</i>	-133.45	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	827.41	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,083.42	174.82
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,074.94	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,305.58	179.88
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,206.40	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
		Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,744.85	190.02
		<i>For >10, Deduct</i>	-136.48	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	846.18	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,070.95	200.16
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,035.80	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,293.12	205.23
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	166.70	
		<i>For NFPA Class A, Add</i>	1,167.26	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0068)</small>		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	387.29	60.79
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
		<i>For NFPA Class A, Add</i>	164.75	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	405.37	65.86
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
		<i>For NFPA Class A, Add</i>	169.67	
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	613.27	65.86
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
		<i>For NFPA Class A, Add</i>	298.57	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	695.84	70.92
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	46.19	
		<i>For NFPA Class A, Add</i>	343.48	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0089	EA			30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	741.99 46.19 365.81	75.99
10 21 13 19-0090 Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>						
10 21 13 19-0091	EA			24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	503.02 46.19 223.93	70.92
10 21 13 19-0092	EA			36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	633.53 46.19 298.57	75.99
10 21 13 19-0093	EA			48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	752.12 46.19 365.81	81.05
10 21 13 19-0094 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0069)</small> Note: Includes all standard Columbia Partitions colors.						
10 21 13 19-0095 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0094)</small>						
10 21 13 19-0096	EA			24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	397.56 74.33 221.35	20.27
10 21 13 19-0097	EA			26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	430.07 74.33 241.51	20.27
10 21 13 19-0098	EA			30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	467.37 74.33 261.49	22.80
10 21 13 19-0099	EA			34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	533.13 74.33 302.26	22.80
10 21 13 19-0100	EA			36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	548.69 74.33 311.91	22.80
10 21 13 19-0101 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0094)</small>						
10 21 13 19-0102	EA			6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	139.94 46.19 49.06	30.40
10 21 13 19-0103	EA			12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	224.15 46.19 98.13	32.93
10 21 13 19-0104	EA			18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	308.34 46.19 147.19	35.47
10 21 13 19-0105	EA			24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	360.07 46.19 176.12	38.00
10 21 13 19-0106	EA			30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	436.16 46.19 220.15	40.54
10 21 13 19-0107	EA			36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	466.06 46.19 235.55	43.08
10 21 13 19-0108	EA			42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	523.32 46.19 267.91	45.61
10 21 13 19-0109	EA			48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	590.12 46.19 306.18	48.14
10 21 13 19-0110	EA			55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	644.60 46.19 336.82	50.68
10 21 13 19-0111	EA			58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	658.60 46.19 344.24	51.68
10 21 13 19-0112	EA			60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	680.78 46.19 356.11	53.21
10 21 13 19-0113	EA			70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	769.66 46.19 408.07	55.74
10 21 13 19-0114	EA			78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	829.56 46.19 442.07	58.28
10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>						
10 21 13 19-0116	EA			Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	182.84 46.19 94.51	15.20

10 Specialties

10 20 Interior Specialties

10 21 Compartments And Cubicles



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0117	EA 5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	203.19 46.19 103.99	17.73
10 21 13 19-0118	EA 6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	220.87 46.19 111.80	20.27
10 21 13 19-0119	EA 8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	254.63 46.19 129.59	22.80
10 21 13 19-0120	EA 10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	285.97 46.19 145.88	25.33
10 21 13 19-0121	EA 12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	317.25 46.19 162.14	27.87
10 21 13 19-0122	EA 18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	406.12 46.19 214.09	30.40
10 21 13 19-0123	EA 22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	459.21 46.19 243.86	32.93
10 21 13 19-0124	EA 24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	500.01 46.19 266.02	35.47
10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>			
10 21 13 19-0126	EA Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	223.12 46.19 113.20	20.27
10 21 13 19-0127	EA 5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	245.57 46.19 123.98	22.80
10 21 13 19-0128	EA 6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	270.48 46.19 136.28	25.33
10 21 13 19-0129	EA 8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	306.52 46.19 155.48	27.87
10 21 13 19-0130	EA 10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	342.91 46.19 174.90	30.40
10 21 13 19-0131	EA 12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	378.95 46.19 194.10	32.93
10 21 13 19-0132	EA 18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	486.15 46.19 257.43	35.47
10 21 13 19-0133	EA 22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	544.05 46.19 290.18	38.00
10 21 13 19-0134	EA 24" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	591.67 46.19 316.57	40.54
10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.			
10 21 13 19-0136 Solid Phenolic Toilet Partitions <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors.			
10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>			
10 21 13 19-0138	EA 36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,565.37 -133.73 166.70 292.24	114.01
10 21 13 19-0139	EA 60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,919.03 166.70 363.27	124.15
10 21 13 19-0140	EA 60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,140.47 166.70 408.15	129.22
10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small> Note: Includes headrail.			
10 21 13 19-0142	EA 36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,741.05 -146.24 166.70 321.03	139.35

MINOR		DESCRIPTION			TOTAL DIRECT	DEMOLITION
CSI UOM					UNIT COST	UNIT COST
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,108.68	149.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			394.99	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,340.75	154.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			442.10	
10 21 13 19-0145		Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions (10 21 13 19-0136)				
		Note: Excludes above ceiling steel.				
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....			1,803.15	164.68
		For >10, Deduct			-147.38	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			325.96	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,168.19	174.82
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			399.38	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,389.62	179.88
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			444.26	
10 21 13 19-0149		Ceiling Hung, Solid Phenolic, Complete Toilet Partitions (10 21 13 19-0136)				
		Note: Excludes above ceiling steel.				
10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....			1,785.62	190.02
		For >10, Deduct			-140.56	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			314.17	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,139.03	200.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			385.15	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....			2,360.47	205.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add			166.70	
		For NFPA Class A, Add			430.03	
10 21 13 19-0153		Solid Phenolic Urinal Screens (10 21 13 19-0135)				
		Note: Includes all standard Bobrick colors.				
10 21 13 19-0154		Floor Anchored, Solid Phenolic, Urinal Screens (10 21 13 19-0153)				
10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....			577.71	70.92
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			98.62	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....			652.08	75.99
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			112.62	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....			779.54	81.05
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			137.77	
10 21 13 19-0158		Wall Hung, Solid Phenolic, Urinal Screens (10 21 13 19-0153)				
10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....			373.23	60.79
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			58.93	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....			431.14	65.86
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			69.47	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....			516.19	70.92
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			85.71	
10 21 13 19-0162		Wall Hung And Post Supported, Solid Phenolic, Urinal Screens (10 21 13 19-0153)				
10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....			380.09	65.86
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			58.75	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....			472.99	70.92
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			76.63	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....			551.21	75.99
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			91.44	
10 21 13 19-0166		Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens (10 21 13 19-0153)				
10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen.....			592.70	65.86
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			103.39	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen.....			667.52	70.92
		For Heavy Gauge Full-Height SS Brackets, Add			46.19	
		For NFPA Class A, Add			117.48	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen		.....797.37		75.99
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		143.13		
10 21 13 19-0170		Solid Phenolic Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0135)</small>				
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.				
10 21 13 19-0171		Solid Phenolic, Toilet Partition Doors <small>(10 21 13 19-0170)</small>				
10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door		.....421.73		20.27
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		74.33		
		<i>For NFPA Class A, Add</i>		82.08		
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door		.....436.06		20.27
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		74.33		
		<i>For NFPA Class A, Add</i>		85.09		
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door		.....477.91		22.80
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		74.33		
		<i>For NFPA Class A, Add</i>		93.06		
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door		.....515.29		22.80
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		74.33		
		<i>For NFPA Class A, Add</i>		100.91		
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door		.....553.68		22.80
		<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		74.33		
		<i>For NFPA Class A, Add</i>		108.98		
10 21 13 19-0177		Solid Phenolic, Toilet Partition Panels <small>(10 21 13 19-0170)</small>				
10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....140.25		30.40
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		19.72		
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....185.01		32.93
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		28.31		
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....249.62		35.47
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		41.07		
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....314.91		38.00
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		53.97		
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....350.69		40.54
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		60.67		
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....388.22		43.08
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		67.74		
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....451.82		45.61
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		80.29		
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....517.28		48.14
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		93.22		
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....551.54		50.68
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		99.61		
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....566.85		51.68
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		102.50		
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....577.85		53.21
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		104.32		
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....663.62		55.74
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		121.52		
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel		.....799.29		58.28
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		149.20		
10 21 13 19-0191		69" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10 21 13 19-0170)</small>				
10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster		.....201.88		15.20
		<i>For 1" Pilaster, Add</i>		21.44		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		37.53		
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster		.....232.43		17.73
		<i>For 1" Pilaster, Add</i>		24.62		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		43.14		
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster		.....237.50		20.27
		<i>For 1" Pilaster, Add</i>		24.62		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		43.39		
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster		.....274.96		22.80
		<i>For 1" Pilaster, Add</i>		28.67		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		46.19		
		<i>For NFPA Class A, Add</i>		50.44		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0196 EA 10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	309.23 32.32 46.19 56.83	25.33
10 21 13 19-0197 EA 12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	343.49 35.97 46.19 63.21	27.87
10 21 13 19-0198 EA 16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	438.28 47.18 46.19 82.31	30.40
10 21 13 19-0199 EA 20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	537.32 58.93 46.19 102.30	32.93
10 21 13 19-0200 EA 24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	564.68 61.72 46.19 107.23	35.47
10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)		
10 21 13 19-0202 EA Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	220.99 23.82 46.19 41.54	15.20
10 21 13 19-0203 EA 5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	258.98 27.94 46.19 48.71	17.73
10 21 13 19-0204 EA 6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	264.05 27.94 46.19 48.96	20.27
10 21 13 19-0205 EA 8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	305.75 32.52 46.19 56.91	22.80
10 21 13 19-0206 EA 10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	345.33 36.83 46.19 64.41	25.33
10 21 13 19-0207 EA 12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	385.17 41.18 46.19 71.97	27.87
10 21 13 19-0208 EA 16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	500.40 54.95 46.19 95.35	30.40
10 21 13 19-0209 EA 20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	595.46 66.20 46.19 114.51	32.93
10 21 13 19-0210 EA 24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	626.54 69.45 46.19 120.22	35.47
10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)		
10 21 13 19-0212 EA Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	250.25 26.21 46.19 46.07	20.27
10 21 13 19-0213 EA 5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	295.66 31.26 46.19 54.79	22.80
10 21 13 19-0214 EA 6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	300.73 31.26 46.19 55.04	25.33
10 21 13 19-0215 EA 8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	346.67 36.37 46.19 63.88	27.87
10 21 13 19-0216 EA 10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	391.56 41.34 46.19 72.50	30.40
10 21 13 19-0217 EA 12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	436.98 46.39 46.19 81.23	32.93
10 21 13 19-0218 EA 16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... For 1" Pilaster, Add For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	572.64 62.71 46.19 108.90	35.47

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0219	EA 20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	663.72 73.46 46.19 127.22	38.00
10 21 13 19-0220	EA 24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	698.52 77.18 46.19 133.72	40.54
10 21 13 19-0221	Solid Color Reinforced Composite Toilet Partitions And Urinal Screens (10 21 13 19-0221) <i>Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.</i>		
10 21 13 19-0222	Solid Color Reinforced Composite Toilet Partitions (10 21 13 19-0221) <i>Note: Includes all standard Bobrick colors.</i>		
10 21 13 19-0223	Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222)		
10 21 13 19-0224	EA 36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,725.85 -149.78 166.70	114.01
10 21 13 19-0225	EA 60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,119.52 166.70	124.15
10 21 13 19-0226	EA 60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,366.32 166.70	129.22
10 21 13 19-0227	Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222) <i>Note: Includes headrail.</i>		
10 21 13 19-0228	EA 36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,916.54 -163.78 166.70	139.35
10 21 13 19-0229	EA 60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,325.85 166.70	149.49
10 21 13 19-0230	EA 60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,584.55 166.70	154.55
10 21 13 19-0231	Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222) <i>Note: Excludes above ceiling steel.</i>		
10 21 13 19-0232	EA 36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,980.00 -165.06 166.70	164.68
10 21 13 19-0233	EA 60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,386.42 166.70	174.82
10 21 13 19-0234	EA 60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,633.20 166.70	179.88
10 21 13 19-0235	Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions (10 21 13 19-0222) <i>Note: Excludes above ceiling steel.</i>		
10 21 13 19-0236	EA 36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,954.29 -157.42 166.70	190.02
10 21 13 19-0237	EA 60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,347.67 166.70	200.16
10 21 13 19-0238	EA 60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,594.47 166.70	205.23
10 21 13 19-0239	Solid Color Reinforced Composite Urinal Screens (10 21 13 19-0221) <i>Note: Includes all standard Bobrick colors.</i>		
10 21 13 19-0240	Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens (10 21 13 19-0239)		
10 21 13 19-0241	EA 24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	630.01 46.19	70.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	712.09 46.19	75.99
10 21	13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	853.63 46.19	81.05
10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>					
10 21	13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	403.42 46.19	60.79
10 21	13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	467.07 46.19	65.86
10 21	13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	561.11 46.19	70.92
10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>					
10 21	13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	409.89 46.19	65.86
10 21	13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	512.73 46.19	70.92
10 21	13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	599.12 46.19	75.99
10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>					
10 21	13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	648.02 46.19	65.86
10 21	13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	730.60 46.19	70.92
10 21	13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	874.82 46.19	75.99
10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0221)</small>					
Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.					
10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors <small>(10 21 13 19-0256)</small>					
10 21	13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	467.47 74.33	20.27
10 21	13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	483.52 74.33	20.27
10 21	13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	529.79 74.33	22.80
10 21	13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	571.65 74.33	22.80
10 21	13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	614.65 74.33	22.80
10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels <small>(10 21 13 19-0256)</small>					
10 21	13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	149.79 46.19	30.40
10 21	13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	199.31 46.19	32.93
10 21	13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	271.06 46.19	35.47
10 21	13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	343.58 46.19	38.00
10 21	13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	383.05 46.19	40.54
10 21	13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	424.47 46.19	43.08
10 21	13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	495.09 46.19	45.61
10 21	13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	567.80 46.19	48.14
10 21	13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	605.57 46.19	50.68
10 21	13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	622.46 46.19	51.68
10 21	13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	634.42 46.19	53.21
10 21	13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	729.87 46.19	55.74
10 21	13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	881.22 46.19	58.28
10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	222.46	15.20
		For 1" Pilaster, Add	24.01	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	256.07	17.73
		For 1" Pilaster, Add	27.58	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	261.14	20.27
		For 1" Pilaster, Add	27.58	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	302.48	22.80
		For 1" Pilaster, Add	32.11	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	340.25	25.33
		For 1" Pilaster, Add	36.20	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	378.02	27.87
		For 1" Pilaster, Add	40.29	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	483.58	30.40
		For 1" Pilaster, Add	52.85	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	593.89	32.93
		For 1" Pilaster, Add	66.00	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	623.93	35.47
		For 1" Pilaster, Add	69.12	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	

10 21 13 19-0287 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters (10 21 13 19-0256)

10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	243.86	15.20
		For 1" Pilaster, Add	26.68	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	285.80	17.73
		For 1" Pilaster, Add	31.29	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	290.87	20.27
		For 1" Pilaster, Add	31.29	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	336.97	22.80
		For 1" Pilaster, Add	36.42	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	380.69	25.33
		For 1" Pilaster, Add	41.25	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	424.71	27.87
		For 1" Pilaster, Add	46.12	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	553.15	30.40
		For 1" Pilaster, Add	61.54	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	659.01	32.93
		For 1" Pilaster, Add	74.14	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	693.21	35.47
		For 1" Pilaster, Add	77.78	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	

10 21 13 19-0297 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters (10 21 13 19-0256)

10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	275.41	20.27
		For 1" Pilaster, Add	29.36	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	325.67	22.80
		For 1" Pilaster, Add	35.01	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	330.74	25.33
		For 1" Pilaster, Add	35.01	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	381.59	27.87
		For 1" Pilaster, Add	40.73	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	431.25	30.40
		For 1" Pilaster, Add	46.31	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	481.51	32.93
		For 1" Pilaster, Add	51.95	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	632.84	35.47
		For 1" Pilaster, Add	70.24	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	734.24	38.00
		For 1" Pilaster, Add	82.28	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	772.61	40.54
		For 1" Pilaster, Add	86.44	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 21 13 19-0307	Solid Polyester (Corian) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0308	Solid Polyester (Corian) Toilet Partitions <small>(10 21 13 19-0307)</small> Note: Small particulate finish.		
10 21 13 19-0309	Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small>		
10 21 13 19-0310	EA 36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,948.15 -272.01 -625.63 166.70	114.01
10 21 13 19-0311	EA 60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,553.34 -760.16 166.70	124.15
10 21 13 19-0312	EA 60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,936.16 -845.88 166.70	129.22
10 21 13 19-0313	Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small>		
10 21 13 19-0314	EA 36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,072.90 -279.42 -642.67 166.70	139.35
10 21 13 19-0315	EA 60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,019.80 -855.80 166.70	149.49
10 21 13 19-0316	EA 60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,444.36 -951.11 166.70	154.55
10 21 13 19-0317	Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0318	EA 36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,446.77 -311.74 -717.00 166.70	164.68
10 21 13 19-0319	EA 60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,605.23 -978.78 166.70	174.82
10 21 13 19-0320	EA 60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,029.45 -1,074.02 166.70	179.88
10 21 13 19-0321	Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0322	EA 36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	3,493.44 -311.34 -716.08 166.70	190.02
10 21 13 19-0323	EA 60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,440.68 -929.28 166.70	200.16
10 21 13 19-0324	EA 60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,864.90 -1,024.52 166.70	205.23
10 21 13 19-0325	Solid Polyester (Corian) Urinal Screens <small>(10 21 13 19-0307)</small>		
10 21 13 19-0326	Floor Anchored, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0327	EA 24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	833.74 -159.14 46.19	70.92
10 21 13 19-0328	EA 36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,092.33 -216.28 46.19	75.99
10 21 13 19-0329	EA 48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,350.92 -273.43 46.19	81.05

10 Specialties
 10 20 Interior Specialties
 10 21 Compartments And Cubicles



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0330		Wall Hung, Solid Polyester (Corian), Urinal Screens (10 21 13 19-0325)		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	439.36 -73.09 46.19	60.79
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	555.42 -97.45 46.19	65.86
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	671.49 -121.82 46.19	70.92
10 21 13 19-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens (10 21 13 19-0325)		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	567.62 -100.26 46.19	65.86
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	701.99 -128.83 46.19	70.92
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	836.34 -157.41 46.19	75.99
10 21 13 19-0338		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens (10 21 13 19-0325)		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	850.68 -165.36 46.19	65.86
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,109.28 -222.51 46.19	70.92
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,367.87 -279.66 46.19	75.99
10 21 13 19-0342		Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0307) <i>See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.</i>		
10 21 13 19-0343		Solid Polyester (Corian), Toilet Partition Doors (10 21 13 19-0342)		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	640.98 -138.10 74.33	20.27
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	683.89 -147.97 74.33	20.27
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	779.73 -168.85 74.33	22.80
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	868.28 -189.21 74.33	22.80
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	906.82 -198.08 74.33	22.80
10 21 13 19-0349		Solid Polyester (Corian), Toilet Partition Panels (10 21 13 19-0342)		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	185.03 -28.57 46.19	30.40
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	314.34 -57.15 46.19	32.93
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	443.63 -85.72 46.19	35.47
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	572.93 -114.29 46.19	38.00
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	702.23 -142.86 46.19	40.54
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	831.51 -171.44 46.19	43.08
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	960.82 -200.01 46.19	45.61
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,090.11 -228.58 46.19	48.14
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,240.11 -261.92 46.19	50.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0359	EA		58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,304.26 -276.20 46.19	51.68
10 21 13 19-0360	EA		60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,348.71 -285.73 46.19	53.21
10 21 13 19-0361	EA		70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,560.82 -333.35 46.19	55.74
10 21 13 19-0362	EA		78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,731.53 -371.45 46.19	58.28
10 21 13 19-0363			72" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)		
10 21 13 19-0364	EA		Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	225.37 -44.84 46.19	15.20
10 21 13 19-0365	EA		5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	279.18 -56.05 46.19	17.73
10 21 13 19-0366	EA		6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	333.00 -67.27 46.19	20.27
10 21 13 19-0367	EA		8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	435.57 -89.69 46.19	22.80
10 21 13 19-0368	EA		10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	538.12 -112.11 46.19	25.33
10 21 13 19-0369	EA		12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	640.67 -134.53 46.19	27.87
10 21 13 19-0370	EA		18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	938.19 -201.80 46.19	30.40
10 21 13 19-0371	EA		22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,138.25 -246.65 46.19	32.93
10 21 13 19-0372	EA		24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,240.79 -269.07 46.19	35.47
10 21 13 19-0373			82" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)		
10 21 13 19-0374	EA		Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	252.45 -51.07 46.19	15.20
10 21 13 19-0375	EA		5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	313.05 -63.84 46.19	17.73
10 21 13 19-0376	EA		6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	367.27 -75.15 46.19	20.27
10 21 13 19-0377	EA		8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	498.19 -104.09 46.19	22.80
10 21 13 19-0378	EA		10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	605.82 -127.68 46.19	25.33
10 21 13 19-0379	EA		12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	721.90 -153.22 46.19	27.87
10 21 13 19-0380	EA		18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,060.06 -229.83 46.19	30.40
10 21 13 19-0381	EA		22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,287.19 -280.90 46.19	32.93
10 21 13 19-0382	EA		24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,403.27 -306.44 46.19	35.47
10 21 13 19-0383			96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)		
10 21 13 19-0384	EA		Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	333.00 -67.27 46.19	20.27
10 21 13 19-0385	EA		5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	411.19 -84.08 46.19	22.80
10 21 13 19-0386	EA		6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	489.38 -100.90 46.19	25.33
10 21 13 19-0387	EA		8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	640.67 -134.53 46.19	27.87

10 Specialties

10 20 Interior Specialties

10 21 Compartments And Cubicles

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	791.96	30.40
		For Solid Color Material (No Particulate), Deduct	-168.16	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	943.26	32.93
		For Solid Color Material (No Particulate), Deduct	-201.80	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,387.02	35.47
		For Solid Color Material (No Particulate), Deduct	-302.70	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,684.56	38.00
		For Solid Color Material (No Particulate), Deduct	-369.97	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,835.86	40.54
		For Solid Color Material (No Particulate), Deduct	-403.60	
		For Heavy Gauge Full-Height SS Brackets, Add	46.19	

10 21 13 43 Compartments and Cubicles Common Accessories (10 21 13)

10 21 13 43-0001 Accessories				
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens.....	11.21	2.03
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	15.48	2.03
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	82.64	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	58.88	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	97.84	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	64.14	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket.....	150.60	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors.....	121.93	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge.....	108.45	

10 21 16 Shower And Dressing Compartments (10 21)**10 21 16 17 Phenolic-Core Shower and Dressing Compartments** (10 21 16)

10 21 16 17-0001 Shower Dividers				
Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.				
10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	718.57	126.69
		For 66" High Panels, Add	69.78	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	893.92	136.82
		For 66" High Panels, Add	93.04	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,145.86	152.02
		For 66" High Panels, Add	126.27	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,351.58	177.35
		For 66" High Panels, Add	149.53	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,557.33	202.69
		For 66" High Panels, Add	172.79	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track (10 21 16 17-0001)

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,700.60	222.66
		For 66" High Panels, Add	232.83	
		For 6" Wide Head Rail, Add	42.11	
		For 8" Wide Head Rail, Add	59.12	
		For 10" Wide Head Rail, Add	71.67	
		For 12" Wide Head Rail, Add	86.45	
		For 18" Wide, 1/2" Thick Bench, Add	129.53	
		For 24" Wide, 1/2" Thick Bench, Add	169.53	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,086.22	243.13
		For 66" High Panels, Add	288.62	
		For 6" Wide Head Rail, Add	52.86	
		For 8" Wide Head Rail, Add	73.72	
		For 10" Wide Head Rail, Add	89.72	
		For 12" Wide Head Rail, Add	108.15	
		For 18" Wide, 1/2" Thick Bench, Add	133.63	
		For 24" Wide, 1/2" Thick Bench, Add	173.63	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,609.27	258.53
		For 66" High Panels, Add	365.54	
		For 6" Wide Head Rail, Add	67.94	
		For 8" Wide Head Rail, Add	94.03	
		For 10" Wide Head Rail, Add	114.95	
		For 12" Wide Head Rail, Add	138.46	
		For 18" Wide, 1/2" Thick Bench, Add	136.71	
		For 24" Wide, 1/2" Thick Bench, Add	176.71	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,793.75	289.24
		For 66" High Panels, Add	390.14	
		For 6" Wide Head Rail, Add	72.24	
		For 8" Wide Head Rail, Add	100.18	
		For 10" Wide Head Rail, Add	122.33	
		For 12" Wide Head Rail, Add	147.38	
		For 18" Wide, 1/2" Thick Bench, Add	142.85	
		For 24" Wide, 1/2" Thick Bench, Add	182.85	

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

10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,188.56	314.37
		<i>For 66" High Panels, Add</i>	446.85	
		<i>For 6" Wide Head Rail, Add</i>	83.08	
		<i>For 8" Wide Head Rail, Add</i>	114.97	
		<i>For 10" Wide Head Rail, Add</i>	140.57	
		<i>For 12" Wide Head Rail, Add</i>	169.31	
		<i>For 18" Wide, 1/2" Thick Bench, Add</i>	147.87	
		<i>For 24" Wide, 1/2" Thick Bench, Add</i>	187.87	

10 21 23 Cubicle Curtains And Track (10 21)

10 21 23 13 Cubicle Curtains (10 21 23)

10 21 23 13-0001 Hospital Curtains With Nylon Mesh Tops (10 21 23 13)

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.20	0.87
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.10	0.87
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.24	0.87
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	18.15	0.87
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	19.06	0.87
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	20.81	0.87

10 21 23 16 Cubicle Track And Hardware (10 21 23)

10 21 23 16-0001 Hospital Cubicle Curtain Channel Track (10 21 23 16)

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)

10 21 23 16-0002	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	15.64	4.61
10 21 23 16-0003	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	23.76	5.06

10 21 23 16-0004 Hospital IV Tracks (10 21 23 16)

10 21 23 16-0005	LF	Oval Hospital Partition IV Track	22.70	2.89
10 21 23 16-0006	EA	Hospital Partition IV Trolley	124.49	12.05
10 21 23 16-0007	EA	5 Hook Tree, Hospital Partition IV Pendant	512.21	12.05

10 22 Partitions (10 20)

10 22 13 Wire Mesh Partitions (10 22)

10 22 13 00-0001 Wall Panels (10 22 13)

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.15	1.27
		<i>For 5' Wide Panels, Add</i>	0.48	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	13.48	1.52
		<i>For 5' Wide Panels, Add</i>	0.52	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.17	1.77
		<i>For 5' Wide Panels, Add</i>	0.58	

10 22 13 00-0005 Ceiling Panels (10 22 13)

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.61	1.52
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	13.94	1.77
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.44	2.03

10 22 13 00-0009 Sliding Doors (10 22 13)

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,164.17	266.03
		<i>For 8 Gauge, Add</i>	121.42	
		<i>For 6 Gauge, Add</i>	242.84	
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,228.50	293.90
		<i>For 8 Gauge, Add</i>	125.49	
		<i>For 6 Gauge, Add</i>	250.99	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,340.89	304.04
		<i>For 8 Gauge, Add</i>	140.33	
		<i>For 6 Gauge, Add</i>	280.65	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,462.29	329.37
		<i>For 8 Gauge, Add</i>	153.47	
		<i>For 6 Gauge, Add</i>	306.94	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,513.53	349.65
		<i>For 8 Gauge, Add</i>	157.10	
		<i>For 6 Gauge, Add</i>	314.20	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,663.36	369.91
		<i>For 8 Gauge, Add</i>	175.52	
		<i>For 6 Gauge, Add</i>	351.04	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,787.66	397.78
		<i>For 8 Gauge, Add</i>	188.59	
		<i>For 6 Gauge, Add</i>	377.19	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,943.12	415.51
		<i>For 8 Gauge, Add</i>	208.37	
		<i>For 6 Gauge, Add</i>	416.73	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,961.25	425.66
		<i>For 8 Gauge, Add</i>	209.06	
		<i>For 6 Gauge, Add</i>	418.12	

10 Specialties**10 20 Interior Specialties****10 22 Partitions**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22	13 00-0019	EA	10' x 10' Sliding Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	2,161.92 234.09 468.18	450.99
10 22	13 00-0020		Swing Doors (10 22 13)		
10 22	13 00-0021		Single Swing Door (10 22 13 00-0020)		
10 22	13 00-0022	EA	3' x 7' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	794.22 85.35 170.70	157.09
10 22	13 00-0023	EA	3' x 8' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	853.97 92.62 185.25	177.35
10 22	13 00-0024	EA	3' x 9' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	914.96 99.75 199.49	187.48
10 22	13 00-0025	EA	4' x 7' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	904.64 95.16 190.32	202.69
10 22	13 00-0026	EA	4' x 8' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	967.78 102.60 205.20	212.83
10 22	13 00-0027	EA	4' x 9' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,011.28 107.10 214.20	222.96
10 22	13 00-0028	EA	4' x 7' Dutch Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,183.33 136.96 273.92	202.69
10 22	13 00-0029	EA	4' x 8' Dutch Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,255.20 145.71 291.43	212.83
10 22	13 00-0030		Double Swing Doors (10 22 13 00-0020)		
10 22	13 00-0031	EA	6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,254.55 137.51 275.02	253.36
10 22	13 00-0032	EA	6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,284.95 139.03 278.06	268.56
10 22	13 00-0033	EA	6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,756.76 206.76 413.52	283.77
10 22	13 00-0034	EA	8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,355.89 142.58 285.15	304.04
10 22	13 00-0035	EA	8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,386.29 144.10 288.19	319.24
10 22	13 00-0036	EA	8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,858.11 211.83 423.66	334.44
10 22 19			Demountable Partitions (10 22)		
10 22 19 13			Demountable Metal Partitions (10 22 19)		
10 22 19	13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick..... <i>For >9, Add 16.77</i>	134.12	16.10
10 22 19	13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick..... <i>For >9, Add 14.69</i>	117.51	12.82
10 22 19	13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick..... <i>For >9, Add 12.61</i>	100.88	9.64
10 22 19	13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel..... <i>For >9, Add 17.06</i>	136.46	12.82
10 22 19	13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric..... <i>For >9, Add 24.65</i>	197.23	13.78
10 22 19 43			Demountable Composite Partitions (10 22 19)		
10 22 19	43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad..... <i>For >9, Add 25.68</i>	205.44	16.10
10 22 19	43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad..... <i>For >9, Add 32.10</i>	256.83	17.54
10 22 19	43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick..... <i>For Acoustical Partitions, Add</i>	42.97 3.82	2.41
10 22 19	43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick..... <i>For Acoustical Partitions, Add</i>	53.97 4.59	4.04
10 22 19	43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick..... <i>For Acoustical Partitions, Add</i>	45.83 4.08	2.50
10 22 19	43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick..... <i>For Acoustical Partitions, Add</i>	65.50 5.87	3.47

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 22 19 53 Demountable Gypsum Partitions (10 22 19)

10 22 19 53-0001 Demountable Gypsum Partitions (10 22 19 53)			
10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad <i>For >9, Add 10.41</i>	83.27 16.10
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad <i>For >9, Add 17.34</i>	138.68 17.54
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad <i>For >9, Add 18.67</i>	149.34 19.27
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad <i>For >9, Add 20.90</i>	167.20 16.10
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad <i>For >9, Add 34.65</i>	277.21 17.54

10 22 23 Portable Partitions, Screens, And Panels (10 22)

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 23 Movable Panel Systems (10 22 23)

10 22 23 23-0001 Portable Partitions (10 22 23 23)					
10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High 10 22 23 23-0003 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High 10 22 23 23-0004 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High 10 22 23 23-0005 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High 10 22 23 23-0006 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High 10 22 23 23-0007 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High 10 22 23 23-0008 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High 10 22 23 23-0009 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High 10 22 23 23-0010 LF Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High 10 22 23 23-0011 LF Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High 10 22 23 23-0012 LF Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High 10 22 23 23-0013 LF Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High 10 22 23 23-0014 LF Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High 10 22 23 23-0015 LF Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High 10 22 23 23-0016 LF Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High 10 22 23 23-0017 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High 10 22 23 23-0018 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High 10 22 23 23-0019 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High 10 22 23 23-0020 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High 10 22 23 23-0021 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High 10 22 23 23-0022 LF Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High 10 22 23 23-0023 LF Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High 10 22 23 23-0024 LF Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High 10 22 23 23-0025 LF Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High 10 22 23 23-0026 LF Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High 10 22 23 23-0027 LF Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side 10 22 23 23-0028 LF Partitions, Portable, Metal Chalkboard, 2 Sides 10 22 23 23-0029 LF Partitions, Portable, Tackboard, Both Sides			257.61 7.71 274.61 8.58 326.48 10.31 189.81 4.44 201.48 5.11 226.47 6.17 193.07 4.72 343.44 8.58 377.47 10.31 200.33 5.88 227.91 6.84 183.63 5.11 206.08 6.17 305.20 8.58 344.33 10.31 310.30 8.58 377.47 10.31 239.72 5.11 269.81 6.17 252.98 4.72 301.80 5.59 146.79 5.88 173.10 6.84 156.37 6.17 114.04 4.72 185.68 6.17 211.70 6.46 170.59 6.27

10 22 23 23-0030 Adjustable Barrier Panel System (10 22 23 23)

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

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000).....	597.15
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001).....	567.15
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002).....	447.15
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1).....	517.15
10 22 23 23-0035	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)..... Note: Door panels include a hydraulic closer and a lever style lockset standard.	912.15
10 22 23 23-0036	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003).....	1,012.15
10 22 23 23-0037	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)..... Note: Door panels include a hydraulic closer and a lever style lockset standard.	1,212.15
10 22 23 23-0038	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004).....	204.27
10 22 23 23-0039	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005).....	273.58
10 22 23 23-0040	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006).....	293.58
10 22 23 23-0041	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007).....	169.27
10 22 23 23-0042	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....	169.27
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003)..... Note: To seal panels to existing walls	12.25
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005).....	279.82

10 22 33 Accordion Folding Partitions (10 22)

10 22 33 00-0001 Accordion Doors/Partitions (10 22 33)

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)..... <i>For <135, Add 9.79</i>	48.95 4.77
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)..... <i>For <135, Add 9.96</i>	49.82 4.94
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)..... <i>For <135, Add 10.42</i>	52.08 5.09
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)..... <i>For <135, Add 11.01</i>	55.05 5.25

10	10 Specialties
	10 20 Interior Specialties
	10 22 Partitions



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 22 33 00-0006	SF	39	STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	56.11	5.40
			<i>For <135, Add</i>	11.22	
10 22 33 00-0007	SF	40	STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	56.91	5.57
			<i>For <135, Add</i>	11.38	
10 22 33 00-0008	SF	41	STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	57.69	5.72
			<i>For <135, Add</i>	11.54	
10 22 33 00-0009	SF	45	STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	58.86	6.05
			<i>For <135, Add</i>	11.77	

10 22 43 Sliding Partitions (10 22)

10 22 43 00-0001	Operable Wall <small>(10 22 43)</small>				
			Note: Includes top support track, assembled panel and frames.		
10 22 43 00-0002	SF	Up To 720	SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	81.95	8.01
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	6.37	
10 22 43 00-0003	SF	>720 To 1,200	SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	75.90	6.41
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	6.23	
10 22 43 00-0004	SF	>1,200 SF, 12'	High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	71.46	5.33
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	6.10	
10 22 43 00-0005	SF	Up To 1,080	SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	69.56	5.61
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.80	
10 22 43 00-0006	SF	>1,080 To 1,800	SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	64.96	4.56
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.64	
10 22 43 00-0007	SF	>1,800 SF, 18'	High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	62.27	4.08
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.50	
10 22 43 00-0008	SF	Up To 1,440	SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	61.64	4.40
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.33	
10 22 43 00-0009	SF	>1,440 To 2,400	SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	58.20	3.76
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.16	
10 22 43 00-0010	SF	>2,400 SF, 24'	High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	55.79	3.36
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			<i>For 51 STC, Add</i>	5.03	
10 22 43 00-0011	SF	Up To 160	SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	86.45	7.12
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			<i>For 51 STC, Add</i>	7.16	
10 22 43 00-0012	SF	>160 To 240	SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	79.58	5.42
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			<i>For 51 STC, Add</i>	6.97	
10 22 43 00-0013	SF	>240 SF, 10'	Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	75.56	4.56
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			<i>For 51 STC, Add</i>	6.81	

10 26 Wall And Door Protection (10 20)

10 26 13 Corner Guards (10 26)

10 26 13 00-0001	Vinyl Corner Guards <small>(10 26 13)</small>				
10 26 13 00-0002	Rigid Vinyl Corner Guards <small>(10 26 13 00-0001)</small>				
10 26 13 00-0003	Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0002)</small>				
10 26 13 00-0004	90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0003)</small>				
10 26 13 00-0005	LF	3/4"	Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	7.13	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.38	
10 26 13 00-0006	LF	1-1/2"	Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	7.64	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.41	
10 26 13 00-0007	LF	3"	Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	10.44	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.55	
10 26 13 00-0008	LF	4"	Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	13.94	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 13 00-0009			135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0003)</small>		
10 26 13 00-0010	LF		1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	13.31	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.69	
10 26 13 00-0011			Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0001)</small>		
10 26 13 00-0012			Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0013			90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0014	LF		2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20).....	13.30	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-3.71	
			For Recycled Vinyl Retainer, Deduct	-1.14	
10 26 13 00-0015	LF		3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10).....	14.86	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-3.78	
			For Recycled Vinyl Retainer, Deduct	-1.45	
10 26 13 00-0016	LF		Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	16.41	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-3.86	
			For Recycled Vinyl Retainer, Deduct	-1.76	
10 26 13 00-0017			135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0018	LF		3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	19.32	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-4.01	
			For Recycled Vinyl Retainer, Deduct	-2.34	
10 26 13 00-0019			End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
			Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF		2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	27.44	6.08
			For >50 To 100, Deduct	-2.53	
			For >100 To 200, Deduct	-3.55	
			For >200, Deduct	-5.42	
			For Recycled Vinyl Retainer, Deduct	-3.46	
10 26 13 00-0021			Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0022			90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small>		
10 26 13 00-0023	LF		2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	17.78	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-3.93	
			For Up To 2 HR Fire Rated, Add	7.13	
10 26 13 00-0024	LF		3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	21.47	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-4.11	
			For Up To 2 HR Fire Rated, Add	9.71	
10 26 13 00-0025	LF		Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32).....	19.88	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-4.03	
			For Up To 2 HR Fire Rated, Add	8.60	
10 26 13 00-0026			135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small>		
10 26 13 00-0027	LF		3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	23.04	4.56
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-4.19	
			For Up To 2 HR Fire Rated, Add	10.81	

10 **10** **Specialties**
10 20 **Interior Specialties**
10 26 **Wall And Door Protection**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 13 00-0028			End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small> Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF		2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888).....	48.41	6.08
			<i>For >50 To 100, Deduct</i>	-2.53	
			<i>For >100 To 200, Deduct</i>	-3.55	
			<i>For >200, Deduct</i>	-6.47	
			<i>For Up To 2 HR Fire Rated, Add</i>	26.80	
10 26 13 00-0030			Flexible Vinyl Corner Guards <small>(10 26 13 00-0001)</small> Note: Includes adhesive for installation.		
10 26 13 00-0031			Surface Mounted, Flexible Vinyl Corner Guards <small>(10 26 13 00-0030)</small>		
10 26 13 00-0032			90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards <small>(10 26 13 00-0031)</small>		
10 26 13 00-0033	LF		1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9).....	9.86	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.52	
			<i>For Bolting To Concrete Or Masonry, Add</i>	2.24	
10 26 13 00-0034	LF		2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3).....	12.64	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.66	
			<i>For Bolting To Concrete Or Masonry, Add</i>	2.66	
10 26 13 00-0035	LF		4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15).....	14.89	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.77	
			<i>For Bolting To Concrete Or Masonry, Add</i>	2.99	
10 26 13 00-0036			Polycarbonate Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0037			Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0036)</small>		
10 26 13 00-0038			90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0037)</small>		
10 26 13 00-0039	LF		3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16).....	6.51	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.35	
10 26 13 00-0040	LF		1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17).....	7.87	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.42	
10 26 13 00-0041	LF		2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24).....	9.45	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.50	
10 26 13 00-0042	LF		2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18).....	10.41	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.54	
10 26 13 00-0043	LF		Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23).....	10.06	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.53	
10 26 13 00-0044			135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0037)</small>		
10 26 13 00-0045	LF		2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19).....	10.41	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.54	
10 26 13 00-0046			Aluminum Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0047			Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0046)</small>		
10 26 13 00-0048			90 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0047)</small>		
10 26 13 00-0049	LF		1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400).....	9.27	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.49	
10 26 13 00-0050	LF		2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401).....	11.10	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.58	
10 26 13 00-0051	LF		3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402).....	12.24	3.04
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 200, Deduct</i>	-1.77	
			<i>For >200, Deduct</i>	-2.64	
10 26 13 00-0052			135 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0047)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0053	LF	1"	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	9.27	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.49	
10 26 13 00-0054	LF	2"	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	11.10	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.58	
10 26 13 00-0055	LF	3"	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	12.24	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.64	
10 26 13 00-0056			Steel Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0057			Steel Angle Iron, Corner Guards <small>(10 26 13 00-0056)</small>		
10 26 13 00-0058			Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0057)</small>		
10 26 13 00-0059			90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0058)</small>		
10 26 13 00-0060	LF	1" x 1" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.03	3.65
			For Galvanizing, Add	2.08	
			For >50 To 100, Deduct	-1.52	
			For >100 To 200, Deduct	-2.13	
			For >200, Deduct	-3.03	
10 26 13 00-0061	LF	2" x 2" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	15.26	3.95
			For Galvanizing, Add	3.04	
			For >50 To 100, Deduct	-1.65	
			For >100 To 200, Deduct	-2.30	
			For >200, Deduct	-3.40	
10 26 13 00-0062	LF	2" x 3" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.22	4.10
			For Galvanizing, Add	3.29	
			For >50 To 100, Deduct	-1.71	
			For >100 To 200, Deduct	-2.39	
			For >200, Deduct	-3.54	
10 26 13 00-0063	LF	3" x 3" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.61	4.25
			For Galvanizing, Add	3.33	
			For >50 To 100, Deduct	-1.78	
			For >100 To 200, Deduct	-2.49	
			For >200, Deduct	-3.67	
10 26 13 00-0064	LF	3" x 4" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	20.64	4.41
			For Galvanizing, Add	4.65	
			For >50 To 100, Deduct	-1.84	
			For >100 To 200, Deduct	-2.57	
			For >200, Deduct	-3.97	
10 26 13 00-0065	LF	4" x 4" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	24.70	4.56
			For Galvanizing, Add	5.99	
			For >50 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-4.28	
10 26 13 00-0066	LF	6" x 6" x 1/4"	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	42.03	6.08
			For Galvanizing, Add	11.17	
			For >50 To 100, Deduct	-2.53	
			For >100 To 200, Deduct	-3.55	
			For >200, Deduct	-6.15	
10 26 13 00-0067			Stainless Steel Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0068			Stainless Steel Corner Guards <small>(10 26 13 00-0067)</small> Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069			Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0068)</small>		
10 26 13 00-0070			90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0071	LF	1"	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	10.31	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.54	
10 26 13 00-0072	LF	2"	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	11.93	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.62	
10 26 13 00-0073	LF	3-1/2"	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	16.13	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.83	
10 26 13 00-0074	LF	Bullnose 3-1/2"	3-1/2" Bullnose Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	16.13	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.83	
10 26 13 00-0075			135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0076	LF	3-1/2"	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	16.13	3.04
			For >50 To 100, Deduct	-1.27	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-2.83	

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 26 13 00-0077	LF Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650).....	16.13	3.04
	For >50 To 100, Deduct	-1.27	
	For >100 To 200, Deduct	-1.77	
	For >200, Deduct	-2.83	
10 26 13 00-0078	Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0067)		
10 26 13 00-0079	Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0078)		
10 26 13 00-0080	90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0079)		
10 26 13 00-0081	LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	19.82	3.65
	For >50 To 100, Deduct	-1.52	
	For >100 To 200, Deduct	-2.13	
	For >200, Deduct	-3.42	
10 26 13 00-0082	LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	32.62	3.95
	For >50 To 100, Deduct	-1.65	
	For >100 To 200, Deduct	-2.30	
	For >200, Deduct	-4.26	
10 26 13 00-0083	LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	45.39	4.10
	For >50 To 100, Deduct	-1.71	
	For >100 To 200, Deduct	-2.39	
	For >200, Deduct	-5.00	
10 26 13 00-0084	LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	42.46	4.25
	For >50 To 100, Deduct	-1.78	
	For >100 To 200, Deduct	-2.49	
	For >200, Deduct	-4.96	
10 26 13 00-0085	LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	60.43	4.41
	For >50 To 100, Deduct	-1.84	
	For >100 To 200, Deduct	-2.57	
	For >200, Deduct	-5.96	
10 26 13 00-0086	LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	55.89	4.56
	For >50 To 100, Deduct	-1.90	
	For >100 To 200, Deduct	-2.66	
	For >200, Deduct	-5.83	
10 26 13 00-0087	Rubber Corner Guards (10 26 13)		
	Note: Includes adhesive for installation.		
10 26 13 00-0088	Natural Rubber Corner Guards (10 26 13 00-0087)		
10 26 13 00-0089	Surface Mounted, Natural Rubber Corner Guards (10 26 13 00-0088)		
10 26 13 00-0090	90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards (10 26 13 00-0089)		
10 26 13 00-0091	LF 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	46.64	3.04
	For >50 To 100, Deduct	-1.27	
	For >100 To 200, Deduct	-1.77	
	For >200, Deduct	-4.36	
	For Bolting To Concrete Or Masonry, Add	7.76	
10 26 13 00-0092	Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0087)		
10 26 13 00-0093	Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0092)		
10 26 13 00-0094	90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0093)		
10 26 13 00-0095	LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	21.04	3.04
	For >50 To 100, Deduct	-1.27	
	For >100 To 200, Deduct	-1.77	
	For >200, Deduct	-3.08	
	For Bolting To Concrete Or Masonry, Add	3.92	
10 26 13 00-0096	Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards (10 26 13 00-0087)		
10 26 13 00-0097	Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards (10 26 13 00-0096)		
10 26 13 00-0098	90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards (10 26 13 00-0097)		
10 26 13 00-0099	LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	18.47	3.04
	For >50 To 100, Deduct	-1.27	
	For >100 To 200, Deduct	-1.77	
	For >200, Deduct	-2.95	
	For Bolting To Concrete Or Masonry, Add	3.53	
10 26 16	Bumper Guards (10 26)		
10 26 16 13	Bumper Rails (10 26 16)		
10 26 16 13-0001	Crash Rails (10 26 16 13)		
	Note: Includes end caps.		
10 26 16 13-0002	Polycarbonate Crash Rails (10 26 16 13-0001)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 16 13-0003	LF		3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	11.49	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-3.81	
10 26 16 13-0004	LF		4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	12.69	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-3.87	
10 26 16 13-0005			Aluminum Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0006	LF		4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	33.62	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-4.92	
10 26 16 13-0007			Stainless Steel Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0008	LF		4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100).....	59.14	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-6.20	
10 26 16 13-0009	LF		5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200).....	46.38	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-5.56	
10 26 16 13-0010			Wall Guards <small>(10 26 16 13)</small>		
10 26 16 13-0011			Rigid Vinyl Wall Guards With Aluminum Retainers <small>(10 26 16 13-0010)</small>		
			Note: Includes end caps.		
10 26 16 13-0012	LF		1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1).....	11.89	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-3.43	
10 26 16 13-0013	LF		3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3).....	14.46	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-3.96	
10 26 16 13-0014	LF		4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4).....	15.65	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-4.02	
10 26 16 13-0015	LF		5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5).....	16.29	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-4.05	
10 26 16 13-0016	LF		6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6).....	19.46	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-4.42	
10 26 16 13-0017	LF		8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7).....	19.56	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-4.42	
10 26 16 13-0018	LF		7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8).....	20.14	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-4.45	
10 26 16 13-0019	LF		12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12).....	24.22	4.56
			<i>For >50 To 100, Deduct</i>	-2.28	
			<i>For >100 To 200, Deduct</i>	-3.19	
			<i>For >200, Deduct</i>	-4.86	
10 26 16 13-0020			Rubber Wall Guards <small>(10 26 16 13-0010)</small>		
10 26 16 13-0021			D-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0022	LF		2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2).....	15.97	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-3.64	
10 26 16 13-0023	LF		3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3).....	23.41	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-4.41	
10 26 16 13-0024	LF		4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4).....	34.45	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-4.96	
10 26 16 13-0025	LF		6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6).....	48.36	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-5.66	
10 26 16 13-0026			Rectangular, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		

10 Specialties

10 20 Interior Specialties

10 26 Wall And Door Protection



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0027	LF		8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	36.87	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-5.29	
10 26 16 13-0028	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2).....	46.50	4.56
			<i>For >50 To 100, Deduct</i>	-2.28	
			<i>For >100 To 200, Deduct</i>	-3.19	
			<i>For >200, Deduct</i>	-5.97	
10 26 16 13-0029			Wing Type, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0030	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	60.42	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-6.26	
10 26 16 13-0031	LF		6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	64.24	4.05
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 200, Deduct</i>	-2.84	
			<i>For >200, Deduct</i>	-6.45	
10 26 16 13-0032	LF		3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	29.40	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-4.31	
10 26 16 13-0033			U-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0034	LF		3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	51.04	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-6.00	
10 26 16 13-0035	LF		4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	57.10	4.30
			<i>For >50 To 100, Deduct</i>	-2.15	
			<i>For >100 To 200, Deduct</i>	-3.01	
			<i>For >200, Deduct</i>	-6.30	
10 26 16 13-0036			Accent Rails <small>(10 26 16 13)</small>		
			Note: Includes end caps.		
10 26 16 13-0037			Oval, Rigid Vinyl Accent Rails With Aluminum Retainers <small>(10 26 16 13-0036)</small>		
10 26 16 13-0038	LF		1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25).....	13.97	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-3.54	
10 26 16 13-0039	LF		2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30).....	14.00	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-3.54	
10 26 16 13-0040	LF		2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	19.88	3.55
			<i>For >50 To 100, Deduct</i>	-1.78	
			<i>For >100 To 200, Deduct</i>	-2.49	
			<i>For >200, Deduct</i>	-3.83	
10 26 16 16			Protective Corridor Handrails <small>(10 26 16)</small>		
10 26 16 16-0001			Protective Corridor Handrails <small>(10 26 16 16)</small>		
10 26 16 16-0002			Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
10 26 16 16-0003	LF		1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	27.34	7.60
			<i>For >50 To 100, Deduct</i>	-3.80	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-7.45	
10 26 16 16-0004	EA		End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	23.87	7.60
			<i>For >50 To 100, Deduct</i>	-3.80	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-7.27	
			<i>For >25 To 50, Deduct</i>	-3.80	
			<i>For >50 To 100, Deduct</i>	-5.32	
			<i>For >100, Deduct</i>	-7.27	
10 26 16 16-0005	LF		5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C).....	37.75	7.60
			<i>For >50 To 100, Deduct</i>	-3.80	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-7.97	
10 26 16 16-0006	EA		End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	30.81	7.60
			<i>For >50 To 100, Deduct</i>	-3.80	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-7.62	
			<i>For >25 To 50, Deduct</i>	-3.80	
			<i>For >50 To 100, Deduct</i>	-5.32	
			<i>For >100, Deduct</i>	-7.62	
10 26 16 16-0007	LF		6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN).....	39.48	7.60
			<i>For >50 To 100, Deduct</i>	-3.80	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-8.05	

Specialties	10	10
Interior Specialties	10 20	
Wall And Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 26 16 16-0008	EA End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn).....	42.95	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-8.23	
	For >25 To 50, Deduct	-3.80	
	For >50 To 100, Deduct	-5.32	
	For >100, Deduct	-8.23	
10 26 16 16-0009	LF 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	51.62	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-8.66	
10 26 16 16-0010	EA End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	56.83	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-8.92	
	For >25 To 50, Deduct	-3.80	
	For >50 To 100, Deduct	-5.32	
	For >100, Deduct	-8.92	
10 26 16 16-0011 Stainless Steel Protective Corridor Handrails (10 26 16 16-0001)			
10 26 16 16-0012	LF 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	68.97	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-9.53	
10 26 16 16-0013	EA End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn).....	70.70	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-9.62	
	For >25 To 50, Deduct	-3.80	
	For >50 To 100, Deduct	-5.32	
	For >100, Deduct	-9.62	
10 26 16 16-0014 Hardwood Protective Corridor Handrails (10 26 16 16-0001)			
	Note: Includes end caps.		
10 26 16 16-0015	LF 4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	29.90	6.60
	For >50 To 100, Deduct	-3.30	
	For >100 To 200, Deduct	-4.62	
	For >200, Deduct	-6.78	
	For Maple, Add	0.50	
10 26 16 16-0016	LF 5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500).....	35.54	7.05
	For >50 To 100, Deduct	-3.52	
	For >100 To 200, Deduct	-4.93	
	For >200, Deduct	-7.41	
10 26 16 16-0017	LF 1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	26.33	6.60
	For >50 To 100, Deduct	-3.30	
	For >100 To 200, Deduct	-4.62	
	For >200, Deduct	-6.60	
	For Maple, Add	5.65	
	For Oak, Add	6.30	
10 26 16 16-0018 Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers (10 26 16 16-0001)			
10 26 16 16-0019	LF 6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN).....	57.69	7.60
	For >50 To 100, Deduct	-3.80	
	For >100 To 200, Deduct	-5.32	
	For >200, Deduct	-8.96	
10 26 23 Protective Wall Covering (10 26)			
10 26 23 13 Impact Resistant Wall Protection (10 26 23)			
10 26 23 13-0001 Impact Resistant Wall Protection (10 26 23 13)			
	Note: Includes standard trim.		
10 26 23 13-0002	SF 0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	7.60	2.53
10 26 23 13-0003	SF 0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	7.91	2.53
10 26 23 13-0004	SF 0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	9.70	2.53
10 26 23 13-0005 Interior Polyvinyl Chloride (PVC) Soffit System (10 26 23 13)			
	Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006 "L" Design (10 26 23 13-0005)			
10 26 23 13-0007 L-Shield (10 26 23 13-0006)			
10 26 23 13-0008	LF 2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	11.39	2.53
10 26 23 13-0009	LF 3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	13.58	3.55
10 26 23 13-0010	LF 3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	17.76	4.56
10 26 23 13-0011	LF 5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	23.95	5.57
10 26 23 13-0012 "Combo" Hanger (10 26 23 13-0006)			
10 26 23 13-0013	EA Combination "Combo" Hanger, L-Support, For 3/4" Pipe	13.99	5.07
10 26 23 13-0014	EA Combination "Combo" Hanger, L-Support, For 1" Pipe	16.32	6.08
10 26 23 13-0015	EA Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	18.88	7.10
10 26 23 13-0016	EA Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	21.15	8.10

10 Specialties

10 20 Interior Specialties

10 26 Wall And Door Protection

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe.....	23.72	9.12
10 26 23 13-0018	Snap-2 Pipe Hanger (10 26 23 13-0006)			
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	12.13	5.07
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	14.70	6.08
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	17.11	7.10
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	19.84	8.10
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	22.64	9.12
10 26 23 13-0024	Coupling (10 26 23 13-0006)			
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	7.46	2.53
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	10.72	3.55
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	15.06	4.56
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	18.78	5.57
10 26 23 13-0029	Coupling, Reducer (10 26 23 13-0006)			
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	18.42	3.04
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	22.52	3.55
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	26.60	4.05
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	97.10	5.07
10 26 23 13-0034	Shield Clips (10 26 23 13-0006)			
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	4.50	1.52
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	6.92	2.53
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	9.26	3.55
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	10.82	4.56
10 26 23 13-0039	Wall Flange (10 26 23 13-0006)			
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	7.31	2.53
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	10.42	3.55
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	14.75	4.56
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	52.52	5.57
10 26 23 13-0044	End Cap (10 26 23 13-0006)			
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	6.82	1.52
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	9.39	2.53
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	13.04	3.55
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	52.76	4.56
10 26 23 13-0049	Inside/Outside Corner (10 26 23 13-0006)			
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	39.66	5.07
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	43.15	6.08
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	52.29	7.60
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	88.80	9.12
10 26 23 13-0054	Joiner (10 26 23 13-0006)			
10 26 23 13-0055	LF	Joiner, L-Shield	8.51	1.52
10 26 23 13-0056	"U" Design (10 26 23 13-0005)			
10 26 23 13-0057	U-Shield (10 26 23 13-0056)			
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	13.40	2.53
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	16.97	3.55
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	21.69	3.55
10 26 23 13-0061	"Combo" Hanger (10 26 23 13-0056)			
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	12.52	5.07
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	14.94	6.08
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	17.26	7.10
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	20.92	8.10
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	23.65	9.12
10 26 23 13-0067	Snap-2 Pipe Hanger (10 26 23 13-0056)			
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	11.98	5.07
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	14.55	6.08
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	17.50	7.10
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	19.69	8.10
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	22.57	9.12
10 26 23 13-0073	Coupling (10 26 23 13-0056)			
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	8.54	2.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0075	EA		Coupling, U-Shield, 1-1/4" Shield Size.....	10.96	3.55
10 26 23 13-0076	EA		Coupling, U-Shield, 2" Shield Size.....	13.51	4.56
10 26 23 13-0077			Coupling, Reducer (10 26 23 13-0056)		
10 26 23 13-0078	EA		Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	21.50	3.04
10 26 23 13-0079	EA		Reducing Coupling, U-Shield, 2" x 1" Shield Size.....	25.60	3.55
10 26 23 13-0080	EA		Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	27.38	4.05
10 26 23 13-0081			Shield Clips (10 26 23 13-0056)		
10 26 23 13-0082	EA		Shield Clips, U-Support, 1" Shield Size	4.20	1.52
10 26 23 13-0083	EA		Shield Clips, U-Support, 1-1/4" Shield Size	6.38	2.53
10 26 23 13-0084	EA		Shield Clips, U-Support, 2" Shield Size	8.56	3.55
10 26 23 13-0085			Wall Flange (10 26 23 13-0056)		
10 26 23 13-0086	EA		Wall Flange, U-Shield, 1" Shield Size	8.31	2.53
10 26 23 13-0087	EA		Wall Flange, U-Shield, 1-1/4" Shield Size.....	10.88	3.55
10 26 23 13-0088	EA		Wall Flange, U-Shield, 2" Shield Size	13.44	4.56
10 26 23 13-0089			End Cap (10 26 23 13-0056)		
10 26 23 13-0090	EA		End Cap, U-Shield, 1" Shield Size.....	7.20	1.52
10 26 23 13-0091	EA		End Cap, U-Shield, 1-1/4" Shield Size.....	10.00	2.53
10 26 23 13-0092	EA		End Cap, U-Shield, 2" Shield Size.....	12.73	3.55
10 26 23 13-0093			Inside/Outside Corner (10 26 23 13-0056)		
10 26 23 13-0094	EA		Inside/Outside Corner, U-Shield, 1" Shield Size	48.99	5.07
10 26 23 13-0095	EA		Inside/Outside Corner, U-Shield, 1-1/4" Shield Size.....	54.80	6.08
10 26 23 13-0096	EA		Inside/Outside Corner, U-Shield, 2" Shield Size	65.08	7.60
10 26 23 13-0097			Elbow (10 26 23 13-0056)		
10 26 23 13-0098	EA		Elbow, U-Shield, 1" Shield Size	48.14	5.07
10 26 23 13-0099	EA		Elbow, U-Shield, 1-1/4" Shield Size	53.25	6.08
10 26 23 13-0100	EA		Elbow, U-Shield, 2" Shield Size	63.62	7.60
10 26 23 13-0101			Tee (10 26 23 13-0056)		
10 26 23 13-0102	EA		Tee, U-Shield, 1" x 1" x 1" Shield Size.....	61.69	7.60
10 26 23 13-0103	EA		Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	69.06	9.12
10 26 23 13-0104	EA		Tee, U-Shield, 2" x 2" x 2" Shield Size.....	80.97	11.15
10 26 23 13-0105	EA		Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	80.45	8.62
10 26 23 13-0106	EA		Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	87.66	10.65
10 26 23 13-0107			Cross (10 26 23 13-0056)		
10 26 23 13-0108	EA		Cross, U-Shield, 1" Shield Size	109.32	10.13
10 26 23 13-0109	EA		Cross, U-Shield, 1-1/4" Shield Size	123.02	12.16
10 26 23 13-0110	EA		Cross, U-Shield, 2" Shield Size	149.75	15.20
10 26 23 13-0111	EA		Cross, U-Shield, 1-1/4" x 1" Shield Size	148.13	11.15
10 26 23 13-0112	EA		Cross, U-Shield, 2" x 1-1/4" Shield Size	163.83	13.68
10 26 23 13-0113			Transition Fittings (L to U Or U to L) (10 26 23 13-0005)		
10 26 23 13-0114			Coupling Transition (10 26 23 13-0113)		
10 26 23 13-0115	EA		Transition Coupling, 1" x 1", LxU or UxL.....	19.10	2.53
10 26 23 13-0116	EA		Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	22.06	3.55
10 26 23 13-0117	EA		Transition Coupling, 2" x 2", LxU or UxL.....	27.55	4.56
10 26 23 13-0118	EA		Transition Coupling, 1" x 1-1/4", LxU or UxL.....	21.73	3.04
10 26 23 13-0119	EA		Transition Coupling, 1-1/4" x 2", LxU or UxL.....	27.22	4.05
10 26 23 13-0120	EA		Transition Coupling, 2" x 2-1/2", LxU or UxL.....	101.49	5.07
10 26 23 13-0121			Elbow Transition (10 26 23 13-0113)		
10 26 23 13-0122	EA		Transition Elbow, 1" x 1" (UxL)	63.64	5.07
10 26 23 13-0123	EA		Transition Elbow, 1-1/4" x 1-1/4" (UxL).....	69.37	6.08
10 26 23 13-0124	EA		Transition Elbow, 2" x 2" (UxL)	81.66	7.60
10 26 23 13-0125	EA		Transition Elbow, 1" x 1-1/4" (UxL).....	97.50	5.57
10 26 23 13-0126	EA		Transition Elbow, 1-1/4" x 1" (UxL).....	70.05	5.57
10 26 23 13-0127	EA		Transition Elbow, 1-1/4" x 2" (UxL).....	103.77	7.10
10 26 23 13-0128	EA		Transition Elbow, 2" x 1-1/4" (UxL).....	81.49	7.10
10 26 23 13-0129	EA		Transition Elbow, 2" x 2-1/2" (UxL).....	124.47	8.10
10 26 23 13-0130			Tee Transition (10 26 23 13-0113)		
10 26 23 13-0131	EA		Transition Tee, 1" x 1" x 1" (LxLxU).....	74.10	7.60
10 26 23 13-0132	EA		Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU).....	85.94	9.12
10 26 23 13-0133	EA		Transition Tee, 2" x 2" x 2" (LxLxU).....	100.33	11.15
10 26 23 13-0134	EA		Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU).....	78.68	8.62

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU).....	121.02	9.63
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	88.36	10.65
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU).....	119.39	12.67
10 26 23 13-0138		Fittings (L Or U) <small>(10 26 23 13-0005)</small>		
10 26 23 13-0139		Hugger Hangers For Steel Pipe <small>(10 26 23 13-0138)</small>		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	9.72	4.05
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	12.13	5.07
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	14.32	6.08
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	16.57	7.10
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	18.76	8.10
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	21.10	8.10
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	23.28	10.13
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	28.16	11.15
10 26 23 13-0148		Hugger Hangers For Copper Pipe <small>(10 26 23 13-0138)</small>		
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	9.80	4.05
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	12.21	5.07
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	14.40	6.08
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	16.65	7.10
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	18.84	8.10
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	21.26	9.12
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	23.43	10.13
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	28.39	11.15
10 26 23 13-0157		Shield Extension (L Or U) <small>(10 26 23 13-0138)</small>		
10 26 23 13-0158	LF	Shield Extension	10.13	1.52
10 26 23 13-0159		Interior Steel Soffit System <small>(10 26 23 13)</small>		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel).....	20.32	4.56
		For 22 Gauge Steel, Add	1.12	
		For 20 Gauge Steel, Add	2.40	
		For 18 Gauge Steel, Add	4.70	
		For 16 Gauge Steel, Add	7.22	
		For Stainless Steel, Add	2.80	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel).....	35.54	12.67
		For Stainless Steel, Add	2.55	
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	79.05	15.20
		For Stainless Steel, Add	11.91	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	26.09	7.60
		For Stainless Steel, Add	2.72	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	6.52	3.04
		For Stainless Steel, Add	0.11	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	22.71	4.56
		For 22 Gauge Steel, Add	1.02	
		For 20 Gauge Steel, Add	2.17	
		For 18 Gauge Steel, Add	4.21	
		For 16 Gauge Steel, Add	7.07	
		For Stainless Steel, Add	3.40	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	35.54	12.67
		For Stainless Steel, Add	2.55	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	79.05	15.20
		For Stainless Steel, Add	11.91	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	22.04	5.57
		For Stainless Steel, Add	2.72	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	6.52	3.04
		For Stainless Steel, Add	0.11	
10 26 41		Bullet Resistant Panels <small>(10 26)</small>		
10 26 41 00-0001		Laminated Bullet Resistant Fiberglass Panel <small>(10 26 41)</small>		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	14.61	1.43
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	19.43	1.53
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	21.84	1.63
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	23.27	1.73
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	25.15	1.83
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	27.02	1.93
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	44.53	2.35
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	63.79	3.68
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	75.40	4.39
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	91.61	4.80
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	103.76	5.10

10 28 Toilet, Bath, And Laundry Accessories (10 20)**10 28 13 Toilet Accessories (10 28)**

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 13 Commercial Toilet Accessories (10 28 13)

10 28 13 13-0001	Toilet Accessories (10 28 13 13)		
10 28 13 13-0002	Dispensers (10 28 13 13-0001)		
10 28 13 13-0003	Paper Towel Dispensers (10 28 13 13-0002)		
10 28 13 13-0004	Stainless Steel Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0005	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	92.71	22.79
10 28 13 13-0006	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	98.65	22.79
10 28 13 13-0007	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	99.53	22.79
10 28 13 13-0008	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	101.24	22.79
10 28 13 13-0009	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	148.19	22.79
10 28 13 13-0010	EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	160.75	22.79
10 28 13 13-0011	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	173.82	22.79
10 28 13 13-0012	EA Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	176.45	10.13
10 28 13 13-0013	EA Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	298.35	22.79
10 28 13 13-0014	EA Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	349.64	22.79
10 28 13 13-0015	EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	377.40	22.79
10 28 13 13-0016	EA Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	218.76	22.79
10 28 13 13-0017	EA Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	97.95	12.66
10 28 13 13-0018	Plastic Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0019	EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	72.45	22.79
10 28 13 13-0020	EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	140.70	22.79
10 28 13 13-0021	EA Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	139.79	22.79
10 28 13 13-0022	EA Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	120.16	22.79
10 28 13 13-0023	Aluminum Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0024	EA Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	78.40	22.79
10 28 13 13-0025	Toilet Tissue Dispensers (10 28 13 13-0002)		
10 28 13 13-0026	Plastic Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0027	EA Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	72.23	22.79
10 28 13 13-0028	EA Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	186.75	22.79
10 28 13 13-0029	EA Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	63.60	22.79
10 28 13 13-0030	EA Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	73.74	22.79
10 28 13 13-0031	Cast Aluminum Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0032	EA Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	66.07	22.79
10 28 13 13-0033	EA Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	66.51	22.79
10 28 13 13-0034	EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	69.59	22.79
10 28 13 13-0035	EA Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	75.31	22.79
10 28 13 13-0036	EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	96.45	22.79
10 28 13 13-0037	Stainless Steel Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0038	EA Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	57.48	22.79
10 28 13 13-0039	EA Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	86.10	22.79
10 28 13 13-0040	EA Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	86.24	22.79
10 28 13 13-0041	EA Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	99.75	22.79
10 28 13 13-0042	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	65.62	22.79
10 28 13 13-0043	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	106.57	22.79
10 28 13 13-0044	EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	148.64	22.79
10 28 13 13-0045	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	153.47	22.79
10 28 13 13-0046	EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	194.00	22.79
10 28 13 13-0047	EA Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	221.06	22.79
10 28 13 13-0048	EA Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386)	275.12	22.79
	Note: Mounts centered through toilet partitions.		
10 28 13 13-0049	EA Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	121.55	22.79
10 28 13 13-0050	EA Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	112.94	22.79
10 28 13 13-0051	EA Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	92.51	22.79
10 28 13 13-0052	Soap or Sanitizer Dispensers (10 28 13 13-0002)		
10 28 13 13-0053	EA 20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	85.00	22.79
	For 34 Fluid Ounce (B-822), Add 4.53		

10	10	Specialties
	10 20	Interior Specialties
	10 28	Toilet, Bath, And Laundry Accessories



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 13 13-0054	EA			20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216).....	91.61	22.79
				<i>For 34 Fluid Ounce (B-822), Add</i>	4.53	
10 28 13 13-0055	EA			24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	59.90	22.79
10 28 13 13-0056	EA			24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	64.52	22.79
10 28 13 13-0057	EA			40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	78.04	22.79
10 28 13 13-0058	EA			40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	79.95	22.79
10 28 13 13-0059	EA			40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	86.32	22.79
10 28 13 13-0060	EA			40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	107.24	22.79
10 28 13 13-0061	EA			45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306).....	179.24	22.79
10 28 13 13-0062	EA			50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	280.74	22.79
10 28 13 13-0063	EA			800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18).....	177.33	22.79
				Note: Includes start-up kit.		

10 28 13 13-0064 Sanitizer Dispensers (10 28 13 13-0002)

10 28 13 13-0065 Manual Sanitizer Dispensers (10 28 13 13-0064)

10 28 13 13-0066	EA			1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purell 5020-01)	69.66	22.79
10 28 13 13-0067	EA			1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purell 4510-00)	70.61	22.79
10 28 13 13-0068	EA			1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purell 8824-06-UV).....	70.31	22.79

10 28 13 13-0069 Automatic Sanitizer Dispensers (10 28 13 13-0064)

10 28 13 13-0070	EA			1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA).....	65.65	22.79
10 28 13 13-0071	EA			1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 6420-01 ES6)	83.25	22.79
10 28 13 13-0072	EA			1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purell 6520-01 CS6)	78.86	22.79
10 28 13 13-0073	EA			1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 7720-01 ES8)	84.24	22.79
10 28 13 13-0074	EA			1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	95.90	22.79
10 28 13 13-0075	EA			2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 5240-06).....	96.45	22.79

10 28 13 13-0076 Automatic Floor Stand Sanitizer Dispensers (10 28 13 13-0064)

10 28 13 13-0077	EA			1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS).....	448.60	7.60
10 28 13 13-0078	EA			1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV).....	482.32	7.60
10 28 13 13-0079	EA			1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02).....	501.16	7.60

10 28 13 13-0080 Facial Tissue Dispensers (10 28 13 13-0002)

10 28 13 13-0081	EA			Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	96.89	22.79
10 28 13 13-0082	EA			Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	71.97	22.79

10 28 13 13-0083 Sanitary Toilet Seat Cover Dispensers (10 28 13 13-0002)

10 28 13 13-0084	EA			Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	59.02	22.79
10 28 13 13-0085	EA			Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	76.41	22.79
10 28 13 13-0086	EA			Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	131.24	22.79
10 28 13 13-0087	EA			Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301).....	138.96	22.79
10 28 13 13-0088	EA			Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	266.43	22.79

10 28 13 13-0089 Sanitary Toilet Seat Cover/Toilet Tissue Dispensers (10 28 13 13-0002)

10 28 13 13-0090	EA			Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	418.88	22.79
10 28 13 13-0091	EA			Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	258.89	22.79

10 28 13 13-0092 Sanitary Napkin/Tampon Dispensers (10 28 13 13-0002)

10 28 13 13-0093	EA			Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C).....	515.65	22.79
10 28 13 13-0094	EA			Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25).....	393.68	22.79
10 28 13 13-0095	EA			Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706).....	522.37	22.79
10 28 13 13-0096	EA			Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	398.31	22.79
10 28 13 13-0097	EA			Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	351.14	22.79

10 28 13 13-0098 Toilet Compartment Combination Dispenser/Disposals (10 28 13 13-0002)

10 28 13 13-0099	EA			Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	373.52	50.66
10 28 13 13-0100	EA			Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	415.49	50.66
10 28 13 13-0101	EA			Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	346.84	50.66
10 28 13 13-0102	EA			Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	482.87	50.66
10 28 13 13-0103	EA			Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347).....	495.85	50.66
10 28 13 13-0104	EA			Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357).....	568.29	50.66
10 28 13 13-0105	EA			Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579).....	533.65	50.66

10 28 13 13-0106 Receptacles (10 28 13 13-0001)

10 28 13 13-0107 Wall Mounted Waste Receptacles (10 28 13 13-0106)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0108	EA		1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	86.29	22.79
10 28 13 13-0109	EA		6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279).....	139.16	22.79
10 28 13 13-0110	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	321.04	50.66
10 28 13 13-0111	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	469.88	50.66
10 28 13 13-0112	EA		20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275).....	374.99	50.66
10 28 13 13-0113			Floor-Standing/Counter Waste Receptacles <small>(10 28 13 13-0106)</small>		
10 28 13 13-0114	EA		5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	100.74	22.79
10 28 13 13-0115	EA		5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529).....	141.58	22.79
10 28 13 13-0116	EA		13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260).....	261.01	10.13
10 28 13 13-0117	EA		13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	393.56	10.13
10 28 13 13-0118	EA		18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300).....	368.86	10.13
10 28 13 13-0119	EA		21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280).....	354.81	10.13
10 28 13 13-0120			Combination Paper Towel Dispenser/ Waste Receptacle <small>(10 28 13 13-0106)</small>		
10 28 13 13-0121	EA		2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	268.20	50.66
10 28 13 13-0122	EA		2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369).....	422.98	50.66
10 28 13 13-0123	EA		2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	416.82	50.66
10 28 13 13-0124	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	599.67	50.66
10 28 13 13-0125	EA		12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	820.44	50.66
10 28 13 13-0126	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	695.55	50.66
10 28 13 13-0127	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	539.25	50.66
10 28 13 13-0128	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	865.08	50.66
10 28 13 13-0129	EA		16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	802.34	55.73
10 28 13 13-0130	EA		18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	544.29	55.73
10 28 13 13-0131			Sanitary Napkin/Tampon Receptacles <small>(10 28 13 13-0106)</small>		
10 28 13 13-0132	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	80.82	25.32
10 28 13 13-0133	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	153.45	25.32
10 28 13 13-0134	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353).....	166.25	25.32
10 28 13 13-0135	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303).....	378.05	25.32
10 28 13 13-0136	EA		Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354).....	204.12	25.32
10 28 13 13-0137	EA		Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354).....	351.86	25.32
10 28 13 13-0138			Grab Bars <small>(10 28 13 13-0001)</small>		
10 28 13 13-0139			1-1/4" Diameter, Stainless Steel Grab Bars <small>(10 28 13 13-0138)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0140	EA		12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125x12)	78.25	20.26
			For Peened Grip, Add	3.85	
10 28 13 13-0141	EA		18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18).....	89.19	20.26
			For Peened Grip, Add	4.84	
10 28 13 13-0142	EA		24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	90.29	20.26
			For Peened Grip, Add	4.93	
10 28 13 13-0143	EA		30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	90.81	20.26
			For Peened Grip, Add	4.98	
10 28 13 13-0144	EA		36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	90.95	20.26
			For Peened Grip, Add	4.99	
10 28 13 13-0145	EA		42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42).....	93.60	20.26
			For Peened Grip, Add	5.23	
10 28 13 13-0146	EA		48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48).....	97.77	20.26
			For Peened Grip, Add	5.61	
10 28 13 13-0147			1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars <small>(10 28 13 13-0138)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0148	EA		24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616).....	146.89	20.26
			For Peened Grip, Add	9.57	
10 28 13 13-0149	EA		36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837).....	149.74	20.26
			For Peened Grip, Add	9.83	
10 28 13 13-0150			1-1/2" Diameter, Stainless Steel Grab Bars <small>(10 28 13 13-0138)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0151	EA		12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12).....	88.28	20.26
			For Peened Grip, Add	4.75	
10 28 13 13-0152	EA		18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18).....	89.19	20.26
			For Peened Grip, Add	4.84	
10 28 13 13-0153	EA		24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24).....	90.95	20.26
			For Peened Grip, Add	4.99	
10 28 13 13-0154	EA		30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30).....	92.71	20.26
			For Peened Grip, Add	5.15	

10 Specialties

10 20 Interior Specialties

10 28 Toilet, Bath, And Laundry Accessories



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 28 13 13-0155	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	94.92		20.26
		For Peened Grip, Add	5.35		
10 28 13 13-0156	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	96.90		20.26
		For Peened Grip, Add	5.53		
10 28 13 13-0157	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	101.74		20.26
		For Peened Grip, Add	5.97		
10 28 13 13-0158	1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars (10 28 13 13-0138)				
		Note: Includes satin finish and concealed mounting with snap flange.			
10 28 13 13-0159	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	134.99		20.26
		For Peened Grip, Add	8.50		
10 28 13 13-0160	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	144.47		20.26
		For Peened Grip, Add	9.35		
10 28 13 13-0161	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	126.62		20.26
		For Peened Grip, Add	7.75		
10 28 13 13-0162	1-1/4" Diameter, Stainless Steel Swing Up Grab Bars (10 28 13 13-0138)				
		Note: Includes satin finish.			
10 28 13 13-0163	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	379.82		20.26
		For Peened Grip, Add	30.99		
10 28 13 13-0164	Shelves (10 28 13 13-0001)				
10 28 13 13-0165	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	102.17		22.79
10 28 13 13-0166	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	104.82		22.79
10 28 13 13-0167	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	116.93		22.79
10 28 13 13-0168	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	119.97		22.79
10 28 13 13-0169	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	115.17		22.79
10 28 13 13-0170	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	116.61		22.79
10 28 13 13-0171	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	123.75		22.79
10 28 13 13-0172	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	134.09		22.79
10 28 13 13-0173	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	155.96		22.79
10 28 13 13-0174	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	123.97		22.79
10 28 13 13-0175	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	126.17		22.79
10 28 13 13-0176	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	397.82		22.79
10 28 13 13-0177	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	428.59		22.79
10 28 13 13-0178	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	476.09		22.79
10 28 13 13-0179	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	605.32		22.79
10 28 13 13-0180	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	840.75		22.79
10 28 13 13-0181	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	310.83		22.79
10 28 13 13-0182	Changing Stations (10 28 13 13-0001)				
10 28 13 13-0183	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	369.71		30.39
10 28 13 13-0184	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	390.97		30.39
10 28 13 13-0185	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	325.14		30.39
10 28 13 13-0186	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,530.04		30.39
10 28 13 13-0187	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	1,777.75		30.39
10 28 13 13-0188	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,530.04		30.39
10 28 13 13-0189	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	1,777.75		30.39
10 28 13 13-0190	Folding Shower Seats (10 28 13 13-0001)				
10 28 13 13-0191	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	467.48		40.53
10 28 13 13-0192	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	606.19		40.53
10 28 13 13-0193	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	1,418.30		40.53
10 28 13 13-0194	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	2,212.59		
10 28 13 13-0195	Soap/Dish Holders (10 28 13 13-0001)				
10 28 13 13-0196	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	55.12		22.79
10 28 13 13-0197	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	56.66		22.79
10 28 13 13-0198	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	96.46		22.79
10 28 13 13-0199	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	104.17		22.79
10 28 13 13-0200	Shower Curtains/Curtain Rods (10 28 13 13-0001)				
10 28 13 13-0201	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.71		1.01
10 28 13 13-0202	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)	42.51		10.13
		Note: Requires 7 curtain hooks.			
10 28 13 13-0203	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)	44.38		10.13
		Note: Requires 12 curtain hooks.			
10 28 13 13-0204	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	76.63		22.79
10 28 13 13-0205	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	81.48		22.79
10 28 13 13-0206	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	87.42		22.79
10 28 13 13-0207	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	94.69		22.79
10 28 13 13-0208	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	68.27		22.79
10 28 13 13-0209	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	73.99		22.79
10 28 13 13-0210	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	77.30		22.79
10 28 13 13-0211	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	81.48		22.79
10 28 13 13-0212	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	70.69		22.79

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 28 13 13-0213	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	75.53	22.79
10 28 13 13-0214	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	81.25	22.79
10 28 13 13-0215	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	85.22	22.79
10 28 13 13-0216 Hand Dryers (10 28 13 13-0001)				
10 28 13 13-0217	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompactDryer B-710)	430.17	26.28
10 28 13 13-0218	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V).....	462.52	26.28
10 28 13 13-0219	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V).....	511.40	26.28
10 28 13 13-0220	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	720.08	26.28
10 28 13 13-0221	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A).....	1,242.30	26.28
10 28 13 13-0222	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,401.97	26.28
10 28 13 13-0223	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	1,567.14	26.28
10 28 13 13-0224	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T).....	1,630.67	26.28
10 28 13 13-0225	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	1,698.43	26.28
10 28 13 13-0226	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,613.83	26.28
10 28 13 13-0227	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,052.06	26.28
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	1,741.30	26.28
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)	787.77	26.28
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)	829.54	26.28
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0231	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)	853.41	26.28
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C).....	877.28	26.28
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS)	925.01	26.28
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9).....	644.56	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M).....	686.33	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG).....	710.20	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	734.07	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS).....	781.80	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	644.56	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0240	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	686.33	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	710.20	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C).....	734.07	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0243	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7- SS)	781.80	26.28
Note: Electronically adjustable sound and speed.				
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	477.49	26.28
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M).....	519.26	26.28
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG).....	543.12	26.28
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C).....	566.99	26.28
10 28 13 13-0248	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS).....	614.73	26.28
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H).....	477.49	26.28
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH).....	519.26	26.28
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	543.12	26.28
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH).....	566.99	26.28
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH).....	614.73	26.28
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1).....	358.15	26.28
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M).....	399.92	26.28
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C).....	447.65	26.28

10 Specialties

10 20 Interior Specialties

10 28 Toilet, Bath, And Laundry Accessories



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 28 13 13-0257		Hand Dryers (Excel XLERATOR®) <small>(10 28 13 13-0001)</small>			
		Note: With or without noise reduction nozzle options.			
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	660.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH).....	913.89		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	768.31		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH).....	950.29		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	822.91		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH).....	1,004.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	822.91		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH).....	1,004.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	768.31		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	950.29		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW).....	695.52		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-BWH).....	877.50		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-W-ECO).....	660.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-WH-ECO).....	913.89		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0272	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-GR-ECO)	768.31		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-GRH-ECO).....	950.29		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-C-ECO).....	822.91		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-CH-ECO).....	1,004.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SB-ECO)	822.91		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-SBH-ECO).....	1,004.88		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SP-ECO)	768.31		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-SPH-ECO)	950.29		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATORReco® XL-BW-ECO)	695.52		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-BWH-ECO).....	877.50		26.28
		For ADA-Compliant Recess Kit, Add	165.42		
10 28 13 13-0282		Additional Accessories <small>(10 28 13 13-0001)</small>			
10 28 13 13-0283		Hooks <small>(10 28 13 13-0282)</small>			
10 28 13 13-0284	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	27.53		10.13
10 28 13 13-0285	EA	Single Stainless Steel Robe Hook (Bobrick B-233).....	32.37		10.13
10 28 13 13-0286	EA	Single Stainless Steel Robe Hook (Bobrick B-7671).....	27.97		10.13
10 28 13 13-0287	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	30.13		10.13
10 28 13 13-0288	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	48.22		10.13
10 28 13 13-0289	EA	Single Stainless Steel Robe Hook (Bobrick B-6717).....	43.81		10.13
10 28 13 13-0290		Clotheslines <small>(10 28 13 13-0282)</small>			

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0291	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636).....	48.12	20.26
10 28 13 13-0292		Towel Bars (10 28 13 13-0282)		
10 28 13 13-0293	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	59.56	22.79
10 28 13 13-0294	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	59.73	22.79
10 28 13 13-0295	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	66.19	22.79
10 28 13 13-0296	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	66.80	22.79
10 28 13 13-0297	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	95.13	22.79
10 28 13 13-0298	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	98.87	22.79
10 28 13 13-0299	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	97.99	22.79
10 28 13 13-0300	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	101.07	22.79
10 28 13 13-0301	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	106.58	22.79
10 28 13 13-0302	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	109.86	22.79
10 28 13 13-0303	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	82.58	22.79
10 28 13 13-0304	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	85.44	22.79
10 28 13 13-0305		Towel Bar With Shelf (10 28 13 13-0282)		
10 28 13 13-0306	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	178.79	22.79
10 28 13 13-0307		Towel Pins (10 28 13 13-0282)		
10 28 13 13-0308	EA	Stainless Steel Towel Pin (Bobrick B-677).....	46.68	10.13
10 28 13 13-0309		Mirrors (10 28 13 13)		
10 28 13 13-0310		Stainless Steel Channel Frame Glass Mirrors (10 28 13 13-0309)		
10 28 13 13-0311	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	99.43	25.32
10 28 13 13-0312	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824).....	111.38	25.32
10 28 13 13-0313	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830).....	115.52	25.32
		<i>For Tempered Glass (B-1658), Add</i>	34.76	
10 28 13 13-0314	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836).....	124.01	25.32
		<i>For Tempered Glass (B-1658), Add</i>	40.71	
10 28 13 13-0315	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430).....	134.90	25.32
10 28 13 13-0316	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436).....	139.48	25.32
		<i>For Tempered Glass (B-1658), Add</i>	51.53	
10 28 13 13-0317	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448).....	169.53	25.32
10 28 13 13-0318	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460).....	194.15	25.32
10 28 13 13-0319	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	231.76	25.32
10 28 13 13-0320	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836).....	288.89	25.32
10 28 13 13-0321	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	323.60	25.32
10 28 13 13-0322		Stainless Steel Channel Frame Glass Mirror/Shelf Combination (10 28 13 13-0309)		
10 28 13 13-0323	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	175.19	25.32
10 28 13 13-0324	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	188.04	25.32
10 28 13 13-0325	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	196.54	25.32
10 28 13 13-0326	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	220.50	25.32
10 28 13 13-0327		Stainless Steel Angle Frame Glass Mirrors (10 28 13 13-0309)		
10 28 13 13-0328	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	157.09	25.32
10 28 13 13-0329	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	171.28	25.32
		<i>For Tempered Glass (B-2908), Add</i>	69.58	
10 28 13 13-0330	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836).....	176.07	25.32
		<i>For Tempered Glass (B-2908), Add</i>	72.74	
10 28 13 13-0331	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	204.38	25.32
10 28 13 13-0332	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436).....	205.47	25.32
		<i>For Tempered Glass (B-2908), Add</i>	92.14	
10 28 13 13-0333	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448).....	271.03	25.32
10 28 13 13-0334	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	316.76	25.32
10 28 13 13-0335	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	359.46	25.32
10 28 13 13-0336	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	243.19	25.32
10 28 13 13-0337	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	294.09	25.32
10 28 13 13-0338	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	444.64	25.32
10 28 13 13-0339		Stainless Steel Angle Frame Glass Mirror/Shelf Combination (10 28 13 13-0309)		
10 28 13 13-0340	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24).....	162.06	25.32
10 28 13 13-0341	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830).....	309.14	25.32
10 28 13 13-0342	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836).....	323.52	25.32
10 28 13 13-0343	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436).....	359.46	25.32
10 28 13 13-0344		Frameless Stainless Steel Mirrors (10 28 13 13-0309)		
10 28 13 13-0345	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830).....	174.76	25.32
10 28 13 13-0346	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436).....	222.88	25.32

10 Specialties

10 20 Interior Specialties

10 28 Toilet, Bath, And Laundry Accessories

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0347	Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors (10 28 13 13-0309)		
10 28 13 13-0348	EA 16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	233.78	25.32
10 28 13 13-0349	EA 18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	243.15	25.32
10 28 13 13-0350	EA 18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	292.16	25.32
10 28 13 13-0351	EA 24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	356.84	25.32
10 28 13 13-0352	Medicine Cabinets (10 28 13 13)		
10 28 13 13-0353	Metal Medicine Cabinets (10 28 13 13-0352)		
10 28 13 13-0354	EA 20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	571.73	50.66
10 28 13 13-0355	EA 15-1/2" x 20-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397)	212.62	50.66
	Note: Includes three adjustable plastic shelves.		
10 28 13 13-0356	EA 14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297)	218.88	50.66
	Note: Includes two fixed shelves with baked white enamel finish.		
10 28 13 13-0357	EA 15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398)	457.77	50.66
	Note: Includes four adjustable stainless steel shelves.		
10 28 13 13-0358	EA 17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299)	621.80	50.66
	Note: Includes four adjustable shelves.		
10 28 13 13-0359	Janitorial Material (10 28 13 13)		
10 28 13 13-0360	EA Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	43.81	10.13
10 28 13 13-0361	EA 24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	112.96	22.79
10 28 13 13-0362	EA 24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	109.00	22.79
10 28 13 13-0363	EA 30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	122.95	22.79
10 28 13 13-0364	EA 36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	136.74	22.79
10 28 13 13-0365	EA 36" Length, Utility Hook Strip (Gamco HCS-2)	93.52	22.79
10 28 13 13-0366	EA 36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	248.15	22.79
10 28 13 13-0367	EA 34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	354.49	22.79
10 28 13 13-0368	Remove And Reinstall Bathroom Accessories (10 28 13 13)		
10 28 13 13-0369	EA Removal And Reinstallation Of Bathroom Accessory	31.66	
10 28 13 19	Healthcare Toilet Accessories (10 28 13)		
10 28 13 19-0001	EA Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905)	159.42	31.71
10 28 13 19-0002	EA Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990)	567.41	31.71
10 28 13 19-0003	EA Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843)	206.38	84.40
10 28 16	Bath Accessories (10 28)		
10 28 16 13	Residential Bath Accessories (10 28 16)		
10 28 16 13-0001	Residential Toilet Accessories (10 28 16 13)		
10 28 16 13-0002	Residential, Recessed, Chrome Plated Toilet Accessories (10 28 16 13-0001)		
10 28 16 13-0003	EA Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	98.73	22.79
10 28 16 13-0004	EA Recessed Mounted, Chrome Plated Soap Dish	140.39	22.79
10 28 16 13-0005	EA Recessed Mounted, Chrome Plated Soap Dish And Bar	148.86	22.79
10 28 16 13-0006	EA Recessed Mounted, Chrome Plated Tumbler Holder	102.32	22.79
10 28 16 13-0007	Residential, Surface Mounted, Chrome Plated Toilet Accessories (10 28 16 13-0001)		
10 28 16 13-0008	EA Surface Mounted, Chrome Plated Soap Dish	64.23	15.20
10 28 16 13-0009	EA Surface Mounted, Chrome Plated Single Clothes Hook	73.67	15.20
10 28 16 13-0010	EA Surface Mounted, Chrome Plated Double Clothes Hook	73.67	15.20
10 28 16 13-0011	LF 6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	147.30	15.20
10 28 16 13-0012	LF 6" Deep, Surface Mounted, Stainless Steel Shelf	123.54	15.20
10 28 16 13-0013	EA 18" Length, Surface Mounted, Chrome Plated Towel Bar	82.84	20.26
10 28 16 13-0014	EA 24" Length, Surface Mounted, Chrome Plated Towel Bar	83.90	20.26
10 28 16 13-0015	EA Surface Mounted, Chrome Plated Towel Ring	61.90	15.20
10 28 16 13-0016	EA Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	49.04	22.79
10 28 16 13-0017	EA Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	64.23	15.20
10 28 16 13-0018	EA Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	127.55	15.20
10 28 16 13-0019	EA Surface Mounted, Chrome Plated Globe Soap Dispenser	76.94	15.20
10 28 16 13-0020	EA Surface Mounted, Chrome Plated Towel Pin	81.21	15.20
10 28 16 13-0021	EA Surface Mounted, Chrome Plated Towel Ladder And Shelf	225.17	15.20
10 28 16 13-0022	EA Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	118.91	15.20
10 28 16 13-0023	EA 24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	72.46	15.20
10 28 16 13-0024	Residential Toilet Accessories (10 28 16 13-0001)		
10 28 16 13-0025	EA Surface Mounted Plastic Paper Towel Dispenser	69.32	22.79
10 28 16 13-0026	EA Surface Mounted Plastic Napkin Disposal	64.08	22.79
10 28 16 13-0027	EA 50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	65.93	
10 28 16 13-0028	EA 50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	71.48	22.79
10 28 16 13-0029	EA Multi Roll (2) Plastic Toilet Tissue Dispenser	69.33	22.79
10 28 16 13-0030	EA Single Jumbo Roll Plastic Toilet Tissue Dispenser	84.88	27.86
10 28 16 13-0031	EA Surface Mounted Plastic Toilet Seat Cover Dispenser	52.26	20.26
10 28 16 13-0032	EA 13 Gallon Plastic Waste Door For Countertops	146.87	37.99

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 16 13-0033 Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)*

Note: Surface or recessed mounted, premium quality.

10 28 16 13-0034	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	682.31	50.66
10 28 16 13-0035	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	823.57	50.66
10 28 16 13-0036	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror.....	727.66	50.66
10 28 16 13-0037	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	885.43	50.66
10 28 16 13-0038	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	756.26	50.66
10 28 16 13-0039	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	939.79	50.66
10 28 16 13-0040	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	795.54	50.66
10 28 16 13-0041	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	1,006.21	50.66

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801).....	388.96	51.13
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802).....	407.74	25.57
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803).....	485.65	25.57
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804).....	405.75	25.57
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805).....	432.35	25.57

10 28 19 16-0008 Frameless, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D).....	589.35	25.57
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D).....	615.39	25.57
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D).....	639.90	25.57
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D).....	665.94	25.57
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D).....	691.21	25.57

10 28 19 16-0014 Sliding Shower Doors *(10 28 19 16)*

10 28 19 16-0015 Framed, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735).....	646.00	25.57
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745).....	593.30	25.57
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775).....	607.50	25.57
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729).....	622.59	25.57
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794).....	631.01	25.57
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795).....	643.48	25.57

10 28 19 16-0022 Frameless, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335).....	669.07	25.57
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345).....	812.42	25.57
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394).....	860.67	25.57
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330).....	778.82	25.57
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370).....	789.39	25.57
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390).....	887.57	25.57

10 28 19 19 Tub Doors *(10 28 19)*

10 28 19 19-0001 Sliding Bathtub Doors *(10 28 19 19)*

10 28 19 19-0002 Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725).....	577.46	25.57
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749).....	583.53	25.57

10 Specialties

10 20 Interior Specialties

10 28 Toilet, Bath, And Laundry Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750).....	597.26	25.57
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10 40 Safety Specialties (10)

10 41 Emergency Access And Information Cabinets (10 40)

10 41 13 Fire Department Plan Cabinets (10 41)

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) (10 41 13)

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	1,007.84	32.92
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	58.78	
		<i>For Swing Key Hook Panel, Add</i>	157.78	
		<i>For Non-Locking Weather Housing, Add</i>	396.34	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	1,067.29	32.92
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	58.78	
		<i>For Swing Key Hook Panel, Add</i>	157.78	
		<i>For Second Swing Key Hook Panel, Add</i>	124.78	
		<i>For Non-Locking Weather Housing, Add</i>	396.34	

10 41 16 Emergency Key Cabinets (10 41)

10 41 16 00-0001 Emergency Key Cabinets (Knox) (10 41 16)

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	514.42	32.92
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	454.97	32.92
		<i>For Lift-Off Door, Deduct</i>	-40.00	
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	58.90	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	119.00	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	600.62	32.92
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	58.90	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	130.00	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	637.78	32.92
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	58.90	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

10 44 Fire Protection Specialties (10 40)

10 44 13 Fire Protection Cabinets (10 44)

10 44 13 00-0001 Fire Extinguisher Cabinets (10 44 13)

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	336.21	41.53
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	342.14	41.53
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	343.33	41.53
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	380.14	41.53
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	476.31	41.53
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	489.37	41.53

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	340.31	41.53
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	345.81	41.53
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	354.97	41.53
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	370.55	41.53
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	418.73	41.53
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	433.39	41.53

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	441.58	41.53
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	452.12	41.53

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	457.39	41.53
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	493.40	41.53
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	565.90	41.53
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	587.86	41.53
10 44 13 00-0024	Bronze Door And Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>			
Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	873.21	41.53
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	879.02	41.53
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	997.47	41.53
10 44 13 00-0028	Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>			
Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.				
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	413.38	41.53
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	458.50	41.53
10 44 13 00-0031	Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>			
10 44 13 00-0032	Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0031)</small>			
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	368.27	41.53
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	380.14	41.53
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	381.33	41.53
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	421.70	41.53
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	502.43	41.53
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	515.49	41.53
10 44 13 00-0039	Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0031)</small>			
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	381.15	41.53
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	394.90	41.53
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	403.15	41.53
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	418.73	41.53
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	472.80	41.53
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	485.63	41.53
10 44 13 00-0046	Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0031)</small>			
Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	487.73	41.53
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	500.03	41.53
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	505.30	41.53
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	532.53	41.53
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	600.16	41.53
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	615.09	41.53
10 44 13 00-0053	Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0031)</small>			
Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,079.91	41.53
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,084.78	41.53
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,231.91	41.53
10 44 13 00-0057	Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0031)</small>			
Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.				
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	456.13	41.53
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	498.87	41.53
10 44 13 00-0060	Surface Mounted Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>			
10 44 13 00-0061	Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets <small>(10 44 13 00-0060)</small>			
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	358.77	41.53
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	365.89	41.53
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	422.88	41.53
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	492.94	41.53
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	511.93	41.53
10 44 13 00-0067	Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets <small>(10 44 13 00-0060)</small>			
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.				
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	468.22	41.53
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	480.13	41.53
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	506.71	41.53
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	558.95	41.53
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	580.95	41.53

10	10	Specialties
	10 40	Safety Specialties
	10 44	Fire Protection Specialties



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

10 44 13 00-0073	Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0073) <small>44 13 00-0060</small>	
	Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.	
10 44 13 00-0074 EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	564.15 41.53
10 44 13 00-0075 EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	580.83 41.53
10 44 13 00-0076 EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	622.11 41.53
10 44 13 00-0077 EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	702.04 41.53
10 44 13 00-0078 EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	726.63 41.53

10 44 13 00-0079	Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0079) <small>13 00-0060</small>	
	Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.	
10 44 13 00-0080 EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,227.32 41.53
10 44 13 00-0081 EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,373.31 41.53

10 44 13 00-0082	Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0082) <small>13 00-0060</small>	
	Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.	
10 44 13 00-0083 EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	430.01 41.53
10 44 13 00-0084 EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	482.25 41.53
10 44 13 00-0085 EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	665.10 41.53

10 44 13 00-0086	Fire Extinguisher Cabinet Accessories (10 44 13 00-0086) <small>13 00-0001</small>	
10 44 13 00-0087 EA	Standard Break Glass Cylinder Lock Mechanism.....	34.44 12.66
10 44 13 00-0088 EA	Breaker Bar And Chain For Break Glass Cabinets	31.25 12.66
10 44 13 00-0089 EA	Replacement Of Standard Pull Handle	29.31
10 44 13 00-0090 EA	Fire Extinguisher Cabinet Battery Operated Alarm	91.68 25.32
10 44 13 00-0091 EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	133.02
10 44 13 00-0092 EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	146.32
10 44 13 00-0093 EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	199.53
10 44 13 00-0094 EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	272.69
10 44 13 00-0095 EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	319.25
10 44 13 00-0096 EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	77.15
10 44 13 00-0097 EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	79.81
10 44 13 00-0098 EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	106.42
10 44 13 00-0099 EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	192.88
10 44 13 00-0100 EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	195.54
10 44 13 00-0101 EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	99.64
10 44 13 00-0102 EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	104.62
10 44 13 00-0103 EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	141.15
10 44 13 00-0104 EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	249.09
10 44 13 00-0105 EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	252.41

10 44 13 00-0106	Fire Hose Cabinets (10 44 13) <small>13 00-0001</small>	
	Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.	

10 44 13 00-0107	Recessed Fire Hose Cabinets (10 44 13 00-0107)	
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10 44 13 00-0108	Steel Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0108) <small>13 00-0107</small>	
	Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.	
10 44 13 00-0109 EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	561.78 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0110 EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	572.58 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0111 EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	581.59 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0112 EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	590.60 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0113 EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	601.40 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0114 EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	630.19 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60
10 44 13 00-0115 EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	639.20 120.69
	<i>For Solid Steel Door, Deduct</i>	-8.60

10 44 13 00-0116	Aluminum Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0116) <small>13 00-0107</small>	
	Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.	
10 44 13 00-0117 EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	617.78 120.69
	<i>For Solid Aluminum Door, Add</i>	6.50
10 44 13 00-0118 EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	635.47 120.69
	<i>For Solid Aluminum Door, Add</i>	6.50
10 44 13 00-0119 EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	637.77 120.69
	<i>For Solid Aluminum Door, Add</i>	6.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 44	13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	645.13 6.50	120.69
10 44	13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	654.78 6.50	120.69
10 44	13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	682.12 6.50	120.69
10 44	13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	709.47 6.50	120.69
10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets <small>(10 44 13 00-0107)</small>					
Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	777.03 -7.70	120.69
10 44	13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	860.67 -7.70	120.69
10 44	13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	868.71 -7.70	120.69
10 44	13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	894.45 -7.70	120.69
10 44	13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	902.49 -7.70	120.69
10 44	13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	944.32 -7.70	120.69
10 44	13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	986.14 -7.70	120.69
10 44 13 00-0132 Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0106)</small>					
10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small>					
Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	590.60 -8.60	120.69
10 44	13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	601.40 -8.60	120.69
10 44	13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	610.38 -8.60	120.69
10 44	13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	621.18 -8.60	120.69
10 44	13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	630.19 -8.60	120.69
10 44	13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	658.98 -8.60	120.69
10 44	13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	669.78 -8.60	120.69
10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small>					
Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	635.47 6.50	120.69
10 44	13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	654.78 6.50	120.69
10 44	13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	657.53 6.50	120.69
10 44	13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	662.82 6.50	120.69
10 44	13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	672.47 6.50	120.69
10 44	13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	699.82 6.50	120.69
10 44	13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	727.16 6.50	120.69
10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small>					
Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	826.89 -7.70	120.69
10 44	13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	918.58 -7.70	120.69
10 44	13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	926.62 -7.70	120.69
10 44	13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	952.36 -7.70	120.69
10 44	13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	960.40 -7.70	120.69
10 44	13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,002.22 -7.70	120.69
10 44	13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,044.05 -7.70	120.69

10 Specialties

10 40 Safety Specialties

10 44 Fire Protection Specialties



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 44 13 00-0157 Surface Mount Fire Hose Cabinets (10 44 13 00-0106)			
10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157)			
Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	601.40
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	610.38
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	621.18
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	630.19
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	639.20
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	669.78
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	678.79
For Solid Steel Door, Deduct			-8.60
10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157)			
Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	682.12
For Solid Aluminum Door, Add			6.50
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	699.82
For Solid Aluminum Door, Add			6.50
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	704.41
For Solid Aluminum Door, Add			6.50
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	709.47
For Solid Aluminum Door, Add			6.50
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	717.51
For Solid Aluminum Door, Add			6.50
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	746.46
For Solid Aluminum Door, Add			6.50
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....	764.16
For Solid Aluminum Door, Add			6.50
10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157)			
Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	894.45
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,161.47
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,229.03
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,245.11
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,261.20
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,328.76
For Solid Stainless Steel Door, Deduct			-7.70
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....	1,412.40
For Solid Stainless Steel Door, Deduct			-7.70
10 44 16 Fire Extinguishers (10 44)			
10 44 16 13 Portable Fire Extinguishers (10 44 16)			
Note: Includes filling, certification, bracket, hardware and mounting on wall.			
10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher (10 44 16 13)			
10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher.....	211.21
For >5 To 10, Deduct			-7.18
For >10, Deduct			-14.37
For Placement In Cabinet, Deduct			-33.77
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher.....	315.37
For >5 To 10, Deduct			-11.87
For >10, Deduct			-23.74
For Placement In Cabinet, Deduct			-38.97
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher.....	410.24
For >5 To 10, Deduct			-15.45
For >10, Deduct			-30.89
For Placement In Cabinet, Deduct			-50.66
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher.....	504.49
For >5 To 10, Deduct			-18.89
For >10, Deduct			-37.78
For Placement In Cabinet, Deduct			-63.33
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher.....	559.41
For >5 To 10, Deduct			-21.64
For >10, Deduct			-43.28
For Placement In Cabinet, Deduct			-63.33
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher.....	1,886.24
For >5 To 10, Deduct			-84.18
For >10, Deduct			-168.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 44 16 13-0008	EA 100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,659.75 -172.86 -345.71	38.50
10 44 16 13-0009	Dry Chemical Type, Class ABC Portable Fire Extinguisher (10 44 16 13)		
10 44 16 13-0010	EA 2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	121.47 -2.70 -5.39 -33.77	13.17
10 44 16 13-0011	EA 5 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	155.62 -3.88 -7.77 -38.97	15.20
10 44 16 13-0012	EA 10 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	223.08 -6.09 -12.18 -50.66	19.25
10 44 16 13-0013	EA 20 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	318.30 -9.58 -19.17 -63.33	24.32
10 44 16 13-0014	EA 50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	2,214.45 -100.59 -201.18	38.50
10 44 16 13-0015	EA 125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,359.46 -157.84 -315.68	38.50
10 44 16 13-0016	Other Portable Fire Extinguishers (10 44 16 13)		
10 44 16 13-0017	EA 2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	237.28 -7.97 -15.94 -38.97	15.20
10 44 16 13-0018	EA 1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	356.62 -11.50 -23.00 -63.33	24.32
10 44 16 13-0019	EA 2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	374.29 -12.38 -24.76 -63.33	24.32
10 44 16 13-0020	EA 30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	554.74 -21.40 -42.81	24.32
10 44 16 13-0021	Fire Extinguisher Backboards (10 44 16 13)		
10 44 16 13-0022	Fire Extinguisher Backboards (10 44 16 13-0021) Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0023	EA Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	107.32	17.35
10 44 16 13-0024	EA Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	153.08	
10 44 16 13-0025	Inspections And Testing (10 44 16 13)		
10 44 16 13-0026	EA On Site Fire Extinguisher Annual Inspection (Tag)	11.15	
10 44 16 13-0027	EA On Site Fire Extinguisher Hydrotest	16.40	
10 44 19	Fire Blankets (10 44)		
10 44 19 00-0001	EA Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	425.06	41.53
10 44 19 00-0002	EA Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	312.26	41.53

10 50 Storage Specialties (10)

10 51 Lockers (10 50)

10 51 13 Metal Lockers (10 51)

10 51 13 00-0001 Institutional Lockers (10 51 13)

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Locker (10 51 13 00-0001)

Note: Includes one hat shelf, three single hooks and one double hook.

10 Specialties

10 50 Storage Specialties

10 51 Lockers

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 13 00-0003	EA 12" x 12" x 60" Single Tier Institutional Or Corridor Locker.....	224.58	31.41
	For >25 To 50, Deduct	-8.09	
	For >50 To 100, Deduct	-17.12	
	For >100, Deduct	-26.15	
	For 14 Gauge Doors, Add	12.94	
10 51 13 00-0004	EA 12" x 15" x 60" Single Tier Institutional Or Corridor Locker.....	233.15	31.41
	For >25 To 50, Deduct	-8.52	
	For >50 To 100, Deduct	-17.98	
	For >100, Deduct	-27.44	
	For 14 Gauge Doors, Add	13.63	
10 51 13 00-0005	EA 12" x 18" x 60" Single Tier Institutional Or Corridor Locker.....	244.87	31.41
	For >25 To 50, Deduct	-9.10	
	For >50 To 100, Deduct	-19.15	
	For >100, Deduct	-29.19	
	For 14 Gauge Doors, Add	14.56	
10 51 13 00-0006	EA 12" x 12" x 72" Single Tier Institutional Or Corridor Locker.....	244.40	32.42
	For >25 To 50, Deduct	-8.98	
	For >50 To 100, Deduct	-18.93	
	For >100, Deduct	-28.88	
	For 14 Gauge Doors, Add	14.36	
10 51 13 00-0007	EA 12" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	251.50	32.42
	For >25 To 50, Deduct	-9.33	
	For >50 To 100, Deduct	-19.64	
	For >100, Deduct	-29.94	
	For 14 Gauge Doors, Add	14.93	
10 51 13 00-0008	EA 12" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	258.43	32.42
	For >25 To 50, Deduct	-9.68	
	For >50 To 100, Deduct	-20.33	
	For >100, Deduct	-30.98	
	For 14 Gauge Doors, Add	15.49	
10 51 13 00-0009	EA 15" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	270.39	32.42
	For >25 To 50, Deduct	-10.28	
	For >50 To 100, Deduct	-21.53	
	For >100, Deduct	-32.78	
	For 14 Gauge Doors, Add	16.44	
10 51 13 00-0010	EA 15" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	282.23	32.42
	For >25 To 50, Deduct	-10.87	
	For >50 To 100, Deduct	-22.71	
	For >100, Deduct	-34.55	
	For 14 Gauge Doors, Add	17.39	
10 51 13 00-0011	EA 18" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	294.76	32.42
	For >25 To 50, Deduct	-11.50	
	For >50 To 100, Deduct	-23.96	
	For >100, Deduct	-36.43	
	For 14 Gauge Doors, Add	18.39	
10 51 13 00-0012	EA 18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	306.34	32.42
	For >25 To 50, Deduct	-12.08	
	For >50 To 100, Deduct	-25.12	
	For >100, Deduct	-38.17	
	For 14 Gauge Doors, Add	19.32	
10 51 13 00-0013	EA 24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	412.10	32.42
	For >25 To 50, Deduct	-17.36	
	For >50 To 100, Deduct	-35.70	
	For >100, Deduct	-54.03	
	For 14 Gauge Doors, Add	27.78	

10 51 13 00-0014 Two Tier Institutional Locker (10 51 13 00-0001)

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA 12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	264.40	32.42
	For >25 To 50, Deduct	-9.98	
	For >50 To 100, Deduct	-20.93	
	For >100, Deduct	-31.88	
	For 14 Gauge Doors, Add	21.95	
10 51 13 00-0016	EA 12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	269.80	32.42
	For >25 To 50, Deduct	-10.25	
	For >50 To 100, Deduct	-21.47	
	For >100, Deduct	-32.69	
	For 14 Gauge Doors, Add	22.55	
10 51 13 00-0017	EA 12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	275.25	32.42
	For >25 To 50, Deduct	-10.52	
	For >50 To 100, Deduct	-22.01	
	For >100, Deduct	-33.51	
	For 14 Gauge Doors, Add	23.15	
10 51 13 00-0018	EA 12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	276.35	33.43
	For >25 To 50, Deduct	-10.47	
	For >50 To 100, Deduct	-21.95	
	For >100, Deduct	-33.43	
	For 14 Gauge Doors, Add	23.04	
10 51 13 00-0019	EA 12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	288.15	33.43
	For >25 To 50, Deduct	-11.06	
	For >50 To 100, Deduct	-23.13	
	For >100, Deduct	-35.20	
	For 14 Gauge Doors, Add	24.34	
10 51 13 00-0020	EA 12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	295.28	33.43
	For >25 To 50, Deduct	-11.42	
	For >50 To 100, Deduct	-23.84	
	For >100, Deduct	-36.27	
	For 14 Gauge Doors, Add	25.13	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	305.49 -11.93 -24.87 -37.80 26.25	33.43
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	315.75 -12.44 -25.89 -39.34 27.38	33.43
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	362.17 -14.77 -30.53 -46.30 32.48	33.43
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	370.60 -15.19 -31.38 -47.57 33.41	33.43
10 51 13 00-0025		Three Tier Institutional Locker <small>(10 51 13 00-0001)</small> Note: Includes one double hook per tier.		
10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	309.71 -12.04 -25.12 -38.19 36.12	34.45
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	315.25 -12.32 -25.67 -39.02 36.95	34.45
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	334.96 -13.30 -27.64 -41.98 39.91	34.45
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	353.83 -14.25 -29.53 -44.81 42.74	34.45
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	368.86 -15.00 -31.03 -47.06 45.00	34.45
10 51 13 00-0031		Four Tier Institutional Locker <small>(10 51 13 00-0001)</small>		
10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	304.33 -11.67 -24.40 -37.14	35.46
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	314.00 -12.15 -25.37 -38.59	35.46
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	329.57 -12.93 -26.93 -40.93	35.46
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	342.03 -13.56 -28.17 -42.79	35.46
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	359.96 -14.45 -29.97 -45.48	35.46
10 51 13 00-0037		Six Tier Institutional Locker <small>(10 51 13 00-0001)</small>		
10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	330.70 -12.89 -26.87 -40.85	36.47
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	338.16 -13.26 -27.62 -41.97	36.47
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	352.25 -13.97 -29.02 -44.08	36.47

10 Specialties

10 50 Storage Specialties

10 51 Lockers

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 51 13 00-0041		Locker And Coat Rack Combination <small>(10 51 13 00-0001)</small>			
10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination.....	603.33		24.32
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	967.01		50.66
10 51 13 00-0044		All-Welded Steel Lockers <small>(10 51 13)</small>			
10 51 13 00-0045		All-Welded Steel Lockers <small>(10 51 13 00-0044)</small> Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.			
10 51 13 00-0046		Single Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small> Note: Includes one hat shelf, two single hooks and one double hook.			
10 51 13 00-0047	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	139.69		17.73
		For >25 To 50, Deduct	-5.72		
		For >50 To 100, Deduct	-11.82		
		For >100, Deduct	-17.92		
10 51 13 00-0048	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	146.45		17.73
		For >25 To 50, Deduct	-6.06		
		For >50 To 100, Deduct	-12.49		
		For >100, Deduct	-18.93		
10 51 13 00-0049	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	152.95		17.73
		For >25 To 50, Deduct	-6.38		
		For >50 To 100, Deduct	-13.14		
		For >100, Deduct	-19.90		
10 51 13 00-0050	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	145.27		17.73
		For >25 To 50, Deduct	-6.00		
		For >50 To 100, Deduct	-12.37		
		For >100, Deduct	-18.75		
10 51 13 00-0051	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	151.77		17.73
		For >25 To 50, Deduct	-6.32		
		For >50 To 100, Deduct	-13.02		
		For >100, Deduct	-19.73		
10 51 13 00-0052	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	158.27		17.73
		For >25 To 50, Deduct	-6.65		
		For >50 To 100, Deduct	-13.67		
		For >100, Deduct	-20.70		
10 51 13 00-0053	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	153.82		19.51
		For >25 To 50, Deduct	-6.30		
		For >50 To 100, Deduct	-13.01		
		For >100, Deduct	-19.73		
10 51 13 00-0054	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	159.83		19.51
		For >25 To 50, Deduct	-6.60		
		For >50 To 100, Deduct	-13.61		
		For >100, Deduct	-20.63		
10 51 13 00-0055	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	166.33		19.51
		For >25 To 50, Deduct	-6.92		
		For >50 To 100, Deduct	-14.26		
		For >100, Deduct	-21.61		
10 51 13 00-0056	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	172.41		19.51
		For >25 To 50, Deduct	-7.23		
		For >50 To 100, Deduct	-14.87		
		For >100, Deduct	-22.52		
10 51 13 00-0057	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	177.42		19.51
		For >25 To 50, Deduct	-7.48		
		For >50 To 100, Deduct	-15.37		
		For >100, Deduct	-23.27		
10 51 13 00-0058	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	184.33		19.51
		For >25 To 50, Deduct	-7.82		
		For >50 To 100, Deduct	-16.06		
		For >100, Deduct	-24.31		
10 51 13 00-0059	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	192.10		19.51
		For >25 To 50, Deduct	-8.21		
		For >50 To 100, Deduct	-16.84		
		For >100, Deduct	-25.47		
10 51 13 00-0060	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	309.15		19.51
		For >25 To 50, Deduct	-14.06		
		For >50 To 100, Deduct	-28.55		
		For >100, Deduct	-43.03		
10 51 13 00-0061		Two Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small> Note: Includes two single hooks and one double hook per tier.			
10 51 13 00-0062	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker.....	166.34		17.73
		For >25 To 50, Deduct	-7.05		
		For >50 To 100, Deduct	-14.48		
		For >100, Deduct	-21.91		
10 51 13 00-0063	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker.....	169.32		17.73
		For >25 To 50, Deduct	-7.20		
		For >50 To 100, Deduct	-14.78		
		For >100, Deduct	-22.36		
10 51 13 00-0064	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker.....	177.33		17.73
		For >25 To 50, Deduct	-7.60		
		For >50 To 100, Deduct	-15.58		
		For >100, Deduct	-23.56		
10 51 13 00-0065	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker.....	173.85		19.51
		For >25 To 50, Deduct	-7.30		
		For >50 To 100, Deduct	-15.02		
		For >100, Deduct	-22.73		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0066				EA 12" x 15" x 72" Two Tier, All-Welded Steel Locker	184.89	19.51
				For >25 To 50, Deduct	-7.85	
				For >50 To 100, Deduct	-16.12	
				For >100, Deduct	-24.39	
10 51 13 00-0067				EA 12" x 18" x 72" Two Tier, All-Welded Steel Locker	190.91	19.51
				For >25 To 50, Deduct	-8.15	
				For >50 To 100, Deduct	-16.72	
				For >100, Deduct	-25.29	
10 51 13 00-0068				EA 15" x 15" x 72" Two Tier, All-Welded Steel Locker	199.48	19.51
				For >25 To 50, Deduct	-8.58	
				For >50 To 100, Deduct	-17.58	
				For >100, Deduct	-26.58	
10 51 13 00-0069				EA 15" x 18" x 72" Two Tier, All-Welded Steel Locker	203.52	19.51
				For >25 To 50, Deduct	-8.78	
				For >50 To 100, Deduct	-17.98	
				For >100, Deduct	-27.18	
10 51 13 00-0070				EA 18" x 18" x 72" Two Tier, All-Welded Steel Locker	215.15	19.51
				For >25 To 50, Deduct	-9.36	
				For >50 To 100, Deduct	-19.15	
				For >100, Deduct	-28.93	
10 51 13 00-0071				EA 18" x 21" x 72" Two Tier, All-Welded Steel Locker	224.16	19.51
				For >25 To 50, Deduct	-9.82	
				For >50 To 100, Deduct	-20.05	
				For >100, Deduct	-30.28	
10 51 13 00-0072 Three Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>						
Note: Includes two single hooks and one double hook per tier.						
10 51 13 00-0073				EA 12" x 12" x 72" Three Tier, All-Welded Steel Locker	204.94	19.51
				For >25 To 50, Deduct	-8.85	
				For >50 To 100, Deduct	-18.13	
				For >100, Deduct	-27.40	
10 51 13 00-0074				EA 12" x 15" x 72" Three Tier, All-Welded Steel Locker	209.46	19.51
				For >25 To 50, Deduct	-9.08	
				For >50 To 100, Deduct	-18.58	
				For >100, Deduct	-28.08	
10 51 13 00-0075				EA 12" x 18" x 72" Three Tier, All-Welded Steel Locker	213.95	19.51
				For >25 To 50, Deduct	-9.30	
				For >50 To 100, Deduct	-19.03	
				For >100, Deduct	-28.75	
10 51 13 00-0076				EA 15" x 15" x 72" Three Tier, All-Welded Steel Locker	224.59	19.51
				For >25 To 50, Deduct	-9.84	
				For >50 To 100, Deduct	-20.09	
				For >100, Deduct	-30.35	
10 51 13 00-0077				EA 15" x 18" x 72" Three Tier, All-Welded Steel Locker	226.55	19.51
				For >25 To 50, Deduct	-9.93	
				For >50 To 100, Deduct	-20.29	
				For >100, Deduct	-30.64	
10 51 13 00-0078 Four Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>						
10 51 13 00-0079				EA 12" x 12" x 72" Four Tier, All-Welded Steel Locker	194.22	19.51
				For >25 To 50, Deduct	-8.32	
				For >50 To 100, Deduct	-17.05	
				For >100, Deduct	-25.79	
10 51 13 00-0080				EA 12" x 15" x 72" Four Tier, All-Welded Steel Locker	198.49	19.51
				For >25 To 50, Deduct	-8.53	
				For >50 To 100, Deduct	-17.48	
				For >100, Deduct	-26.43	
10 51 13 00-0081				EA 12" x 18" x 72" Four Tier, All-Welded Steel Locker	202.73	19.51
				For >25 To 50, Deduct	-8.74	
				For >50 To 100, Deduct	-17.90	
				For >100, Deduct	-27.07	
10 51 13 00-0082				EA 15" x 15" x 72" Four Tier, All-Welded Steel Locker	212.73	19.51
				For >25 To 50, Deduct	-9.24	
				For >50 To 100, Deduct	-18.90	
				For >100, Deduct	-28.57	
10 51 13 00-0083				EA 15" x 18" x 72" Four Tier, All-Welded Steel Locker	214.55	19.51
				For >25 To 50, Deduct	-9.33	
				For >50 To 100, Deduct	-19.09	
				For >100, Deduct	-28.84	
10 51 13 00-0084 Six Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>						
10 51 13 00-0085				EA 12" x 12" x 72" Six Tier, All-Welded Steel Locker	200.86	19.51
				For >25 To 50, Deduct	-8.65	
				For >50 To 100, Deduct	-17.72	
				For >100, Deduct	-26.79	
10 51 13 00-0086				EA 12" x 15" x 72" Six Tier, All-Welded Steel Locker	207.09	19.51
				For >25 To 50, Deduct	-8.96	
				For >50 To 100, Deduct	-18.34	
				For >100, Deduct	-27.72	
10 51 13 00-0087				EA 12" x 18" x 72" Six Tier, All-Welded Steel Locker	211.68	19.51
				For >25 To 50, Deduct	-9.19	
				For >50 To 100, Deduct	-18.80	
				For >100, Deduct	-28.41	
10 51 13 00-0088 All Welded Locker Accessories <small>(10 51 13 00-0044)</small>						

10 Specialties
10 50 Storage Specialties
10 51 Lockers



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 13 00-0089	EA	ADA Requirements For All Welded Lockers	73.68	
10 51 13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers.....	121.78	4.05
10 51 13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers.....	140.73	4.05
10 51 13 00-0092	EA	Recessed Trim For All Welded Lockers.....	86.70	4.05
10 51 13 00-0093	EA	Built In Combination Lock For All Welded Lockers	36.81	4.05
10 51 13 00-0094	EA	Pad Lock For All Welded Lockers.....	25.64	4.05

10 51 13 00-0095 Athletic Lockers (10 51 13)
 Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0096 Single Tier Athletic Locker (10 51 13 00-0095)

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0097	EA	12" x 15" x 60" Single Tier Athletic Locker	334.06	32.42
		For >25 To 50, Deduct	-13.46	
		For >50 To 100, Deduct	-27.89	
		For >100, Deduct	-42.33	
10 51 13 00-0098	EA	12" x 18" x 60" Single Tier Athletic Locker	345.43	32.42
		For >25 To 50, Deduct	-14.03	
		For >50 To 100, Deduct	-29.03	
		For >100, Deduct	-44.03	
10 51 13 00-0099	EA	15" x 15" x 60" Single Tier Athletic Locker	352.74	32.42
		For >25 To 50, Deduct	-14.40	
		For >50 To 100, Deduct	-29.76	
		For >100, Deduct	-45.13	
10 51 13 00-0100	EA	15" x 18" x 60" Single Tier Athletic Locker	364.87	32.42
		For >25 To 50, Deduct	-15.00	
		For >50 To 100, Deduct	-30.98	
		For >100, Deduct	-46.95	
10 51 13 00-0101	EA	18" x 18" x 60" Single Tier Athletic Locker	417.23	32.42
		For >25 To 50, Deduct	-17.62	
		For >50 To 100, Deduct	-36.21	
		For >100, Deduct	-54.80	
10 51 13 00-0102	EA	18" x 21" x 60" Single Tier Athletic Locker	458.86	32.42
		For >25 To 50, Deduct	-19.70	
		For >50 To 100, Deduct	-40.37	
		For >100, Deduct	-61.05	
10 51 13 00-0103	EA	18" x 24" x 60" Single Tier Athletic Locker	487.34	32.42
		For >25 To 50, Deduct	-21.13	
		For >50 To 100, Deduct	-43.22	
		For >100, Deduct	-65.32	
10 51 13 00-0104	EA	12" x 15" x 72" Single Tier Athletic Locker	346.68	32.42
		For >25 To 50, Deduct	-14.09	
		For >50 To 100, Deduct	-29.16	
		For >100, Deduct	-44.22	
10 51 13 00-0105	EA	12" x 18" x 72" Single Tier Athletic Locker	367.16	32.42
		For >25 To 50, Deduct	-15.12	
		For >50 To 100, Deduct	-31.20	
		For >100, Deduct	-47.29	
10 51 13 00-0106	EA	15" x 15" x 72" Single Tier Athletic Locker	374.36	32.42
		For >25 To 50, Deduct	-15.48	
		For >50 To 100, Deduct	-31.92	
		For >100, Deduct	-48.37	
10 51 13 00-0107	EA	15" x 18" x 72" Single Tier Athletic Locker	387.50	32.42
		For >25 To 50, Deduct	-16.13	
		For >50 To 100, Deduct	-33.24	
		For >100, Deduct	-50.34	
10 51 13 00-0108	EA	18" x 18" x 72" Single Tier Athletic Locker	419.92	32.42
		For >25 To 50, Deduct	-17.75	
		For >50 To 100, Deduct	-36.48	
		For >100, Deduct	-55.21	
10 51 13 00-0109	EA	18" x 21" x 72" Single Tier Athletic Locker	453.89	32.42
		For >25 To 50, Deduct	-19.45	
		For >50 To 100, Deduct	-39.88	
		For >100, Deduct	-60.30	

10 51 13 00-0110 Two Tier Athletic Locker (10 51 13 00-0095)

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0111	EA	12" x 12" x 60" Two Tier Athletic Locker	374.06	33.43
		For >25 To 50, Deduct	-15.36	
		For >50 To 100, Deduct	-31.72	
		For >100, Deduct	-48.08	
10 51 13 00-0112	EA	12" x 15" x 60" Two Tier Athletic Locker	386.16	33.43
		For >25 To 50, Deduct	-15.96	
		For >50 To 100, Deduct	-32.93	
		For >100, Deduct	-49.90	
10 51 13 00-0113	EA	12" x 18" x 60" Two Tier Athletic Locker	399.78	33.43
		For >25 To 50, Deduct	-16.65	
		For >50 To 100, Deduct	-34.29	
		For >100, Deduct	-51.94	
10 51 13 00-0114	EA	15" x 15" x 60" Two Tier Athletic Locker	401.11	33.43
		For >25 To 50, Deduct	-16.71	
		For >50 To 100, Deduct	-34.43	
		For >100, Deduct	-52.14	
10 51 13 00-0115	EA	15" x 18" x 60" Two Tier Athletic Locker	403.94	33.43
		For >25 To 50, Deduct	-16.85	
		For >50 To 100, Deduct	-34.71	
		For >100, Deduct	-52.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0116	EA		18" x 18" x 60" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	427.88 -18.05 -37.10 -56.16	33.43
10 51 13 00-0117	EA		18" x 21" x 60" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	445.41 -18.93 -38.86 -58.79	33.43
10 51 13 00-0118	EA		18" x 24" x 60" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	523.71 -22.84 -46.69 -70.53	33.43
10 51 13 00-0119	EA		12" x 12" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	387.16 -16.01 -33.03 -50.05	33.43
10 51 13 00-0120	EA		12" x 15" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	399.55 -16.63 -34.27 -51.91	33.43
10 51 13 00-0121	EA		12" x 18" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	416.45 -17.48 -35.96 -54.44	33.43
10 51 13 00-0122	EA		15" x 15" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	419.01 -17.61 -36.22 -54.83	33.43
10 51 13 00-0123	EA		15" x 18" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	432.90 -18.30 -37.61 -56.91	33.43
10 51 13 00-0124	EA		18" x 18" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	449.96 -19.15 -39.31 -59.47	33.43
10 51 13 00-0125	EA		18" x 21" x 72" Two Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	488.24 -21.07 -43.14 -65.21	33.43
10 51 13 00-0126			Three Tier Athletic Locker (10 51 13 00-0095) Note: Includes one double hook per tier.		
10 51 13 00-0127	EA		12" x 12" x 60" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	405.22 -16.82 -34.67 -52.52	34.45
10 51 13 00-0128	EA		12" x 15" x 60" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	424.84 -17.80 -36.63 -55.46	34.45
10 51 13 00-0129	EA		12" x 18" x 60" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	442.18 -18.66 -38.36 -58.06	34.45
10 51 13 00-0130	EA		15" x 15" x 60" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	453.96 -19.25 -39.54 -59.83	34.45
10 51 13 00-0131	EA		15" x 18" x 60" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	473.57 -20.23 -41.50 -62.77	34.45
10 51 13 00-0132	EA		12" x 12" x 72" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	427.57 -17.93 -36.90 -55.87	34.45
10 51 13 00-0133	EA		12" x 15" x 72" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	445.28 -18.82 -38.67 -58.53	34.45
10 51 13 00-0134	EA		12" x 18" x 72" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	469.72 -20.04 -41.12 -62.19	34.45
10 51 13 00-0135	EA		15" x 15" x 72" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	482.23 -20.67 -42.37 -64.07	34.45
10 51 13 00-0136	EA		15" x 18" x 72" Three Tier Athletic Locker For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	501.00 -21.61 -44.24 -66.88	34.45
10 51 13 00-0137			Four Tier Athletic Locker (10 51 13 00-0095)		

10 **10** **Specialties**
10 50 **Storage Specialties**
10 51 **Lockers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0138	EA	12" x 12" x 60" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	373.80 -15.14 -31.35 -47.56	35.46
10 51	13 00-0139	EA	12" x 15" x 60" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	397.82 -16.35 -33.75 -51.16	35.46
10 51	13 00-0140	EA	12" x 18" x 60" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	421.84 -17.55 -36.16 -54.77	35.46
10 51	13 00-0141	EA	15" x 15" x 60" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	431.66 -18.04 -37.14 -56.24	35.46
10 51	13 00-0142	EA	15" x 18" x 60" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	471.12 -20.01 -41.08 -62.16	35.46
10 51	13 00-0143	EA	12" x 12" x 72" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	398.24 -16.37 -33.80 -51.23	35.46
10 51	13 00-0144	EA	12" x 15" x 72" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	422.61 -17.58 -36.23 -54.88	35.46
10 51	13 00-0145	EA	12" x 18" x 72" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	446.97 -18.80 -38.67 -58.54	35.46
10 51	13 00-0146	EA	15" x 15" x 72" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	459.45 -19.43 -39.92 -60.41	35.46
10 51	13 00-0147	EA	15" x 18" x 72" Four Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	468.81 -19.89 -40.85 -61.81	35.46
10 51 13 00-0148 Six Tier Athletic Locker (10 51 13 00-0095)					
10 51	13 00-0149	EA	12" x 12" x 72" Six Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	441.25 -18.42 -37.92 -57.43	36.47
10 51	13 00-0150	EA	12" x 15" x 72" Six Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	459.97 -19.35 -39.80 -60.24	36.47
10 51	13 00-0151	EA	12" x 18" x 72" Six Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	478.65 -20.29 -41.66 -63.04	36.47
10 51	13 00-0152	EA	12" x 21" x 72" Six Tier Athletic Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	546.85 -23.70 -48.48 -73.27	36.47
10 51 13 00-0153 Metal Locker Accessories (10 51 13)					
10 51 13 00-0154 Locker Slope Tops (10 51 13 00-0153)					
10 51 13 00-0155 16 Gauge Continuous Sloping Hood (10 51 13 00-0154)					
10 51	13 00-0156	LF	12" Deep, 16 Gauge Continuous Slope Top.....	28.06	4.05
10 51	13 00-0157	LF	15" Deep, 16 Gauge Continuous Slope Top.....	23.80	4.05
10 51	13 00-0158	LF	18" Deep, 16 Gauge Continuous Slope Top.....	32.42	4.05
10 51	13 00-0159	LF	21" Deep, 16 Gauge Continuous Slope Top.....	35.74	4.05
10 51	13 00-0160	LF	24" Deep, 16 Gauge Continuous Slope Top.....	37.29	4.05
10 51 13 00-0161 16 Gauge Slope Top Corner Fillers (10 51 13 00-0154)					
10 51	13 00-0162	EA	12" Deep, 16 Gauge Slope Top Corner Fillers.....	113.64	4.05
10 51	13 00-0163	EA	15" Deep, 16 Gauge Slope Top Corner Fillers.....	116.06	4.05
10 51	13 00-0164	EA	18" Deep, 16 Gauge Slope Top Corner Fillers.....	118.46	4.05
10 51	13 00-0165	EA	21" Deep, 16 Gauge Slope Top Corner Fillers.....	121.38	4.05
10 51	13 00-0166	EA	24" Deep, 16 Gauge Slope Top Corner Fillers.....	124.27	4.05
10 51 13 00-0167 20 Gauge Individual Slope Top (10 51 13 00-0154)					
10 51	13 00-0168	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	24.22	4.05
10 51	13 00-0169	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	24.06	4.05
10 51	13 00-0170	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	26.68	4.05
10 51	13 00-0171	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	26.68	4.05
10 51	13 00-0172	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	27.31	4.05
10 51	13 00-0173	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	29.79	4.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0174 EA 18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	29.79	4.05
10 51 13 00-0175 EA 18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	33.05	4.05
10 51 13 00-0176 EA 18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	36.94	4.05
10 51 13 00-0177 Continuous Slope Top End Closures <small>(10 51 13 00-0154)</small>		
10 51 13 00-0178 PR 12" Deep, Continuous Slope Top End Closures	25.76	4.05
10 51 13 00-0179 PR 15" Deep, Continuous Slope Top End Closures	22.02	4.05
10 51 13 00-0180 PR 18" Deep, Continuous Slope Top End Closures	28.85	4.05
10 51 13 00-0181 PR 21" Deep, Continuous Slope Top End Closures	30.41	4.05
10 51 13 00-0182 PR 24" Deep, Continuous Slope Top End Closures	31.47	4.05
10 51 13 00-0183 Individual Slope Top End Closures <small>(10 51 13 00-0154)</small>		
10 51 13 00-0184 EA 12" Deep, Individual Slope Top End Closures	16.93	4.05
10 51 13 00-0185 EA 15" Deep, Individual Slope Top End Closures	17.42	4.05
10 51 13 00-0186 EA 18" Deep, Individual Slope Top End Closures	18.49	4.05
10 51 13 00-0187 EA 21" Deep, Individual Slope Top End Closures	19.24	4.05
10 51 13 00-0188 EA 24" Deep, Individual Slope Top End Closures	26.89	4.05
10 51 13 00-0189 Locker Base <small>(10 51 13 00-0153)</small>		
10 51 13 00-0190 Closed Front Base <small>(10 51 13 00-0189)</small>		
10 51 13 00-0191 EA 12" Wide, 6" High Closed Front Base	17.76	4.05
10 51 13 00-0192 EA 15" Wide, 6" High Closed Front Base	18.57	4.05
10 51 13 00-0193 EA 18" Wide, 6" High Closed Front Base	20.26	4.05
10 51 13 00-0194 EA 24" Wide, 6" High Closed Front Base	21.07	4.05
10 51 13 00-0195 Closed End Base <small>(10 51 13 00-0189)</small>		
10 51 13 00-0196 EA 12" Deep, 6" High Closed End Base.....	20.01	4.05
10 51 13 00-0197 EA 15" Deep, 6" High Closed End Base.....	20.15	4.05
10 51 13 00-0198 EA 18" Deep, 6" High Closed End Base.....	21.24	4.05
10 51 13 00-0199 EA 21" Deep, 6" High Closed End Base.....	22.31	4.05
10 51 13 00-0200 EA 24" Deep, 6" High Closed End Base.....	23.78	4.05
10 51 13 00-0201 Recessed Continuous Front "Z" Base <small>(10 51 13 00-0189)</small>		
10 51 13 00-0202 LF 4" High Recessed Continuous Front "Z" Base.....	20.78	3.04
10 51 13 00-0203 "Z" Base Ends Or Splice <small>(10 51 13 00-0189)</small>		
10 51 13 00-0204 EA 12" Wide, 4" High Z-Base Ends Or Splice	20.88	4.05
10 51 13 00-0205 EA 15" Wide, 4" High Z-Base Ends Or Splice	24.06	4.05
10 51 13 00-0206 EA 18" Wide, 4" High Z-Base Ends Or Splice	27.31	4.05
10 51 13 00-0207 EA 21" Wide, 4" High Z-Base Ends Or Splice	30.73	4.05
10 51 13 00-0208 EA 24" Wide, 4" High Z-Base Ends Or Splice	34.13	4.05
10 51 13 00-0209 Locker Front Fillers And End Panels <small>(10 51 13 00-0153)</small>		
10 51 13 00-0210 Locker Front Fillers <small>(10 51 13 00-0209)</small>		
10 51 13 00-0211 EA 6" Wide x 48" High, 16 Gauge Front Filler	27.17	5.06
10 51 13 00-0212 EA 12" Wide x 48" High, 16 Gauge Front Filler	43.43	5.06
10 51 13 00-0213 EA 6" Wide x 60" High, 16 Gauge Front Filler	33.85	5.06
10 51 13 00-0214 EA 12" Wide x 60" High, 16 Gauge Front Filler	51.76	5.06
10 51 13 00-0215 EA 6" Wide x 66" High, 16 Gauge Front Filler	36.77	5.06
10 51 13 00-0216 EA 12" Wide x 66" High, 16 Gauge Front Filler	41.20	5.06
10 51 13 00-0217 EA 6" Wide x 72" High, 16 Gauge Front Filler	40.15	5.06
10 51 13 00-0218 EA 12" Wide x 72" High, 16 Gauge Front Filler	56.60	5.06
10 51 13 00-0219 EA 6" Wide x 78" High, 16 Gauge Front Filler	41.09	5.06
10 51 13 00-0220 EA 12" Wide x 78" High, 16 Gauge Front Filler	47.73	5.06
10 51 13 00-0221 Locker End Panels <small>(10 51 13 00-0209)</small>		
10 51 13 00-0222 EA 12" Deep x 48" High, 16 Gauge End Panel	43.96	4.05
10 51 13 00-0223 EA 15" Deep x 48" High, 16 Gauge End Panel	53.52	4.05
10 51 13 00-0224 EA 18" Deep x 48" High, 16 Gauge End Panel	62.73	4.05
10 51 13 00-0225 EA 12" Deep x 60" High, 16 Gauge End Panel	51.79	4.05
10 51 13 00-0226 EA 15" Deep x 60" High, 16 Gauge End Panel	58.66	4.05
10 51 13 00-0227 EA 18" Deep x 60" High, 16 Gauge End Panel	69.45	4.05
10 51 13 00-0228 EA 12" Deep x 72" High, 16 Gauge End Panel	60.92	4.05
10 51 13 00-0229 EA 15" Deep x 72" High, 16 Gauge End Panel	69.27	4.05
10 51 13 00-0230 EA 18" Deep x 72" High, 16 Gauge End Panel	80.38	4.05
10 51 13 00-0231 EA 21" Deep x 72" High, 16 Gauge End Panel	92.44	4.05
10 51 13 00-0232 Locker Recessed Trim <small>(10 51 13 00-0153)</small>		
10 51 13 00-0233 LF 3" Height, Top Trim For Recessed Lockers.....	9.24	2.03
10 51 13 00-0234 EA 3" Height, Inside And Outside Top Corner Trim For Recessed Lockers.....	25.26	4.05
10 51 13 00-0235 EA 60" Height, 3" Wide Side Trim For Recessed Lockers.....	38.14	4.05
10 51 13 00-0236 EA 66" Height, 3" Wide Side Trim For Recessed Lockers.....	39.49	4.05
10 51 13 00-0237 EA 72" Height, 3" Wide Side Trim For Recessed Lockers.....	40.85	4.05

10	Specialties
10 50	Storage Specialties
10 51	Lockers

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0238	EA	78" Height, 3" Wide Side Trim For Recessed Lockers.....	42.04	4.05
10 51	13 00-0239		Locker Interior Accessories (10 51 13 00-0153)		
10 51	13 00-0240		Locker Coat Rods (10 51 13 00-0239)		
10 51	13 00-0241	EA	12" Wide Coat Rod.....	13.94	4.05
10 51	13 00-0242	EA	15" Wide Coat Rod.....	15.21	4.05
10 51	13 00-0243	EA	18" Wide Coat Rod.....	16.33	4.05
10 51	13 00-0244	EA	24" Wide Coat Rod.....	17.32	4.05
10 51	13 00-0245		Locker Hat Shelf (10 51 13 00-0239)		
10 51	13 00-0246	EA	12" Wide Hat Shelf.....	16.60	4.05
10 51	13 00-0247	EA	15" Wide Hat Shelf.....	19.33	4.05
10 51	13 00-0248	EA	18" Wide Hat Shelf.....	20.49	4.05
10 51	13 00-0249	EA	24" Wide Hat Shelf.....	25.05	4.05
10 51	13 00-0250		Locker ADA Compliant Shelf (10 51 13 00-0239)		
10 51	13 00-0251	EA	ADA Compliant Shelf For Single Tier Lockers..... Note: Includes an ADA label for locker face.	32.26	5.06
10 51	13 00-0252		Other Interior Locker Accessories (10 51 13 00-0239)		
10 51	13 00-0253	EA	3" x 10" Bent Plate Shoe Rack.....	42.14	4.05
10 51	13 00-0254	EA	8" x 10" Mirror.....	33.63	4.05
10 51	13 00-0255	EA	Additional Hook.....	10.23	4.05
10 51	13 00-0256		Locker Locks (10 51 13 00-0153)		
10 51	13 00-0257	EA	Built In Combination Lock.....	36.81	4.05
10 51 26	Plastic Lockers (10 51)				
10 51 26 00-0001	Solid Plastic Lockers (10 51 26)		Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002	Single Tier Solid Plastic Lockers (10 51 26 00-0001)		Note: Includes one double hook per tier.		
10 51	26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	431.04	31.41
			For >50 To 100, Deduct	-36.82	
			For >100, Deduct	-57.12	
10 51	26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	438.42	31.41
			For >50 To 100, Deduct	-37.56	
			For >100, Deduct	-58.23	
10 51	26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	445.81	31.41
			For >50 To 100, Deduct	-38.30	
			For >100, Deduct	-59.33	
10 51	26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	456.89	31.41
			For >50 To 100, Deduct	-39.41	
			For >100, Deduct	-61.00	
10 51	26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	445.17	31.41
			For >50 To 100, Deduct	-38.24	
			For >100, Deduct	-59.24	
10 51	26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	448.28	31.41
			For >50 To 100, Deduct	-38.55	
			For >100, Deduct	-59.70	
10 51	26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	442.82	31.41
			For >50 To 100, Deduct	-38.00	
			For >100, Deduct	-58.89	
10 51	26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	473.32	31.41
			For >50 To 100, Deduct	-41.05	
			For >100, Deduct	-63.46	
10 51	26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	466.28	31.41
			For >50 To 100, Deduct	-40.35	
			For >100, Deduct	-62.40	
10 51	26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	474.49	31.41
			For >50 To 100, Deduct	-41.17	
			For >100, Deduct	-63.64	
10 51	26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	482.70	31.41
			For >50 To 100, Deduct	-41.99	
			For >100, Deduct	-64.87	
10 51	26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	501.47	31.41
			For >50 To 100, Deduct	-43.87	
			For >100, Deduct	-67.68	
10 51	26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	527.27	31.41
			For >50 To 100, Deduct	-46.45	
			For >100, Deduct	-71.55	
10 51	26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	503.81	31.41
			For >50 To 100, Deduct	-44.10	
			For >100, Deduct	-68.03	
10 51	26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	546.03	31.41
			For >50 To 100, Deduct	-48.32	
			For >100, Deduct	-74.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0018 EA 12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	469.55	31.41
For >50 To 100, Deduct	-40.67	
For >100, Deduct	-62.90	
10 51 26 00-0019 EA 12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	493.61	31.41
For >50 To 100, Deduct	-43.08	
For >100, Deduct	-66.50	
10 51 26 00-0020 EA 12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	517.69	31.41
For >50 To 100, Deduct	-45.49	
For >100, Deduct	-70.12	
10 51 26 00-0021 EA 15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	500.06	31.41
For >50 To 100, Deduct	-43.73	
For >100, Deduct	-67.47	
10 51 26 00-0022 EA 15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	525.56	31.41
For >50 To 100, Deduct	-46.28	
For >100, Deduct	-71.30	
10 51 26 00-0023 EA 15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	551.08	31.41
For >50 To 100, Deduct	-48.83	
For >100, Deduct	-75.12	
10 51 26 00-0024 EA 18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	530.56	31.41
For >50 To 100, Deduct	-46.78	
For >100, Deduct	-72.05	
10 51 26 00-0025 EA 18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	557.52	31.41
For >50 To 100, Deduct	-49.47	
For >100, Deduct	-76.09	
10 51 26 00-0026 EA 12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	535.49	32.42
For >50 To 100, Deduct	-47.07	
For >100, Deduct	-72.54	
10 51 26 00-0027 EA 12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	562.47	32.42
For >50 To 100, Deduct	-49.76	
For >100, Deduct	-76.59	
10 51 26 00-0028 EA 12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	589.41	32.42
For >50 To 100, Deduct	-52.46	
For >100, Deduct	-80.63	
10 51 26 00-0029 EA 15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	570.50	32.42
For >50 To 100, Deduct	-50.57	
For >100, Deduct	-77.79	
10 51 26 00-0030 EA 15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	598.95	32.42
For >50 To 100, Deduct	-53.41	
For >100, Deduct	-82.06	
10 51 26 00-0031 EA 15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	627.37	32.42
For >50 To 100, Deduct	-56.25	
For >100, Deduct	-86.32	
10 51 26 00-0032 EA 18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	598.41	32.42
For >50 To 100, Deduct	-53.36	
For >100, Deduct	-81.98	
10 51 26 00-0033 EA 18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	635.40	32.42
For >50 To 100, Deduct	-57.06	
For >100, Deduct	-87.53	
10 51 26 00-0034 EA 18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	665.28	32.42
For >50 To 100, Deduct	-60.04	
For >100, Deduct	-92.01	

10 51 26 00-0035 Double Tier Solid Plastic Lockers (10 51 26 00-0001)

Note: Includes one double hook per tier.

10 51 26 00-0036 EA 12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	482.39	32.42
For >50 To 100, Deduct	-41.76	
For >100, Deduct	-64.58	
10 51 26 00-0037 EA 12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	489.42	32.42
For >50 To 100, Deduct	-42.46	
For >100, Deduct	-65.63	
10 51 26 00-0038 EA 12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	499.97	32.42
For >50 To 100, Deduct	-43.51	
For >100, Deduct	-67.21	
10 51 26 00-0039 EA 15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	496.46	32.42
For >50 To 100, Deduct	-43.16	
For >100, Deduct	-66.69	
10 51 26 00-0040 EA 15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	515.23	32.42
For >50 To 100, Deduct	-45.04	
For >100, Deduct	-69.50	
10 51 26 00-0041 EA 15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	559.79	32.42
For >50 To 100, Deduct	-49.50	
For >100, Deduct	-76.19	
10 51 26 00-0042 EA 18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	501.16	32.42
For >50 To 100, Deduct	-43.63	
For >100, Deduct	-67.39	
10 51 26 00-0043 EA 18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	523.86	32.42
For >50 To 100, Deduct	-45.90	
For >100, Deduct	-70.80	
10 51 26 00-0044 EA 18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	564.49	32.42
For >50 To 100, Deduct	-49.97	
For >100, Deduct	-76.89	
10 51 26 00-0045 EA 12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	498.53	32.42
For >50 To 100, Deduct	-43.37	
For >100, Deduct	-67.00	
10 51 26 00-0046 EA 12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	535.27	32.42
For >50 To 100, Deduct	-47.04	
For >100, Deduct	-72.51	

10 Specialties
10 50 Storage Specialties
10 51 Lockers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0047	EA		12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	545.77	32.42
			For >50 To 100, Deduct	-48.09	
			For >100, Deduct	-74.08	
10 51 26 00-0048	EA		15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	541.41	32.42
			For >50 To 100, Deduct	-47.66	
			For >100, Deduct	-73.43	
10 51 26 00-0049	EA		15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	565.76	32.42
			For >50 To 100, Deduct	-50.09	
			For >100, Deduct	-77.08	
10 51 26 00-0050	EA		18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	570.52	32.42
			For >50 To 100, Deduct	-50.57	
			For >100, Deduct	-77.80	
10 51 26 00-0051	EA		18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	596.26	32.42
			For >50 To 100, Deduct	-53.14	
			For >100, Deduct	-81.66	
10 51 26 00-0052	EA		18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	622.00	32.42
			For >50 To 100, Deduct	-55.72	
			For >100, Deduct	-85.52	
10 51 26 00-0053	EA		12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	575.32	33.43
			For >50 To 100, Deduct	-50.85	
			For >100, Deduct	-78.27	
10 51 26 00-0054	EA		12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	601.06	33.43
			For >50 To 100, Deduct	-53.42	
			For >100, Deduct	-82.13	
10 51 26 00-0055	EA		12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	614.48	33.43
			For >50 To 100, Deduct	-54.76	
			For >100, Deduct	-84.15	
10 51 26 00-0056	EA		15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	608.74	33.43
			For >50 To 100, Deduct	-54.19	
			For >100, Deduct	-83.29	
10 51 26 00-0057	EA		15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	635.89	33.43
			For >50 To 100, Deduct	-56.90	
			For >100, Deduct	-87.36	
10 51 26 00-0058	EA		15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	663.03	33.43
			For >50 To 100, Deduct	-59.62	
			For >100, Deduct	-91.43	
10 51 26 00-0059	EA		18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	613.60	33.43
			For >50 To 100, Deduct	-54.67	
			For >100, Deduct	-84.02	
10 51 26 00-0060	EA		18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	670.69	33.43
			For >50 To 100, Deduct	-60.38	
			For >100, Deduct	-92.58	
10 51 26 00-0061	EA		18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	699.21	33.43
			For >50 To 100, Deduct	-63.23	
			For >100, Deduct	-96.86	
10 51 26 00-0062			Triple Tier Solid Plastic Lockers (10 51 26 00-0001)		
			Note: Includes one double hook per tier.		
10 51 26 00-0063	EA		12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	475.62	33.43
			For >50 To 100, Deduct	-40.88	
			For >100, Deduct	-63.32	
10 51 26 00-0064	EA		15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	494.93	33.43
			For >50 To 100, Deduct	-42.81	
			For >100, Deduct	-66.22	
10 51 26 00-0065	EA		15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	512.64	33.43
			For >50 To 100, Deduct	-44.58	
			For >100, Deduct	-68.87	
10 51 26 00-0066	EA		12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	516.08	33.43
			For >50 To 100, Deduct	-44.92	
			For >100, Deduct	-69.39	
10 51 26 00-0067	EA		12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	557.35	33.43
			For >50 To 100, Deduct	-49.05	
			For >100, Deduct	-75.58	
10 51 26 00-0068	EA		12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	557.54	33.43
			For >50 To 100, Deduct	-49.07	
			For >100, Deduct	-75.61	
10 51 26 00-0069	EA		15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	580.06	33.43
			For >50 To 100, Deduct	-51.32	
			For >100, Deduct	-78.98	
10 51 26 00-0070	EA		15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	602.68	33.43
			For >50 To 100, Deduct	-53.58	
			For >100, Deduct	-82.38	
10 51 26 00-0071	EA		15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	625.28	33.43
			For >50 To 100, Deduct	-55.84	
			For >100, Deduct	-85.77	
10 51 26 00-0072	EA		18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	607.11	33.43
			For >50 To 100, Deduct	-54.02	
			For >100, Deduct	-83.04	
10 51 26 00-0073	EA		18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	631.01	33.43
			For >50 To 100, Deduct	-56.41	
			For >100, Deduct	-86.63	
10 51 26 00-0074	EA		18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	654.90	33.43
			For >50 To 100, Deduct	-58.80	
			For >100, Deduct	-90.21	
10 51 26 00-0075	EA		12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	611.69	34.45
			For >50 To 100, Deduct	-54.28	
			For >100, Deduct	-83.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0076	EA	12" x 15" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	635.61	34.45
			<i>For >50 To 100, Deduct</i>	-56.67	
			<i>For >100, Deduct</i>	-87.07	
10 51 26 00-0077	EA	12" x 18" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	652.39	34.45
			<i>For >50 To 100, Deduct</i>	-58.35	
			<i>For >100, Deduct</i>	-89.59	
10 51 26 00-0078	EA	15" x 12" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	642.72	34.45
			<i>For >50 To 100, Deduct</i>	-57.38	
			<i>For >100, Deduct</i>	-88.14	
10 51 26 00-0079	EA	15" x 15" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	650.30	34.45
			<i>For >50 To 100, Deduct</i>	-58.14	
			<i>For >100, Deduct</i>	-89.28	
10 51 26 00-0080	EA	15" x 18" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	677.62	34.45
			<i>For >50 To 100, Deduct</i>	-60.87	
			<i>For >100, Deduct</i>	-93.38	
10 51 26 00-0081	EA	18" x 12" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	631.87	34.45
			<i>For >50 To 100, Deduct</i>	-56.30	
			<i>For >100, Deduct</i>	-86.51	
10 51 26 00-0082	EA	18" x 15" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	687.41	34.45
			<i>For >50 To 100, Deduct</i>	-61.85	
			<i>For >100, Deduct</i>	-94.84	
10 51 26 00-0083	EA	18" x 18" x 72"	Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	726.73	34.45
			<i>For >50 To 100, Deduct</i>	-65.78	
			<i>For >100, Deduct</i>	-100.74	
10 51 26 00-0084 Four Tier Solid Plastic Lockers (10 51 26 00-0001)					
10 51 26 00-0085	EA	12" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	550.94	34.45
			<i>For >50 To 100, Deduct</i>	-48.21	
			<i>For >100, Deduct</i>	-74.37	
10 51 26 00-0086	EA	12" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	566.62	34.45
			<i>For >50 To 100, Deduct</i>	-49.77	
			<i>For >100, Deduct</i>	-76.73	
10 51 26 00-0087	EA	12" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	595.52	34.45
			<i>For >50 To 100, Deduct</i>	-52.66	
			<i>For >100, Deduct</i>	-81.06	
10 51 26 00-0088	EA	15" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	591.99	34.45
			<i>For >50 To 100, Deduct</i>	-52.31	
			<i>For >100, Deduct</i>	-80.53	
10 51 26 00-0089	EA	15" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	629.43	34.45
			<i>For >50 To 100, Deduct</i>	-56.05	
			<i>For >100, Deduct</i>	-86.15	
10 51 26 00-0090	EA	15" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	641.25	34.45
			<i>For >50 To 100, Deduct</i>	-57.24	
			<i>For >100, Deduct</i>	-87.92	
10 51 26 00-0091	EA	18" x 12" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	635.38	34.45
			<i>For >50 To 100, Deduct</i>	-56.65	
			<i>For >100, Deduct</i>	-87.04	
10 51 26 00-0092	EA	18" x 15" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	655.32	34.45
			<i>For >50 To 100, Deduct</i>	-58.64	
			<i>For >100, Deduct</i>	-90.03	
10 51 26 00-0093	EA	18" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	712.80	34.45
			<i>For >50 To 100, Deduct</i>	-64.39	
			<i>For >100, Deduct</i>	-98.65	
10 51 26 00-0094	EA	12" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	632.67	35.46
			<i>For >50 To 100, Deduct</i>	-56.18	
			<i>For >100, Deduct</i>	-86.39	
10 51 26 00-0095	EA	12" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	660.46	35.46
			<i>For >50 To 100, Deduct</i>	-58.95	
			<i>For >100, Deduct</i>	-90.56	
10 51 26 00-0096	EA	12" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	664.08	35.46
			<i>For >50 To 100, Deduct</i>	-59.32	
			<i>For >100, Deduct</i>	-91.10	
10 51 26 00-0097	EA	15" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	699.11	35.46
			<i>For >50 To 100, Deduct</i>	-62.82	
			<i>For >100, Deduct</i>	-96.36	
10 51 26 00-0098	EA	15" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	666.70	35.46
			<i>For >50 To 100, Deduct</i>	-59.58	
			<i>For >100, Deduct</i>	-91.49	
10 51 26 00-0099	EA	15" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	696.06	35.46
			<i>For >50 To 100, Deduct</i>	-62.51	
			<i>For >100, Deduct</i>	-95.90	
10 51 26 00-0100	EA	18" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	665.58	35.46
			<i>For >50 To 100, Deduct</i>	-59.47	
			<i>For >100, Deduct</i>	-91.33	
10 51 26 00-0101	EA	18" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	700.76	35.46
			<i>For >50 To 100, Deduct</i>	-62.98	
			<i>For >100, Deduct</i>	-96.60	
10 51 26 00-0102	EA	18" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®).....	753.48	35.46
			<i>For >50 To 100, Deduct</i>	-68.26	
			<i>For >100, Deduct</i>	-104.51	
10 51 26 00-0103 Five Tier Solid Plastic Lockers (10 51 26 00-0001)					
10 51 26 00-0104	EA	12" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®).....	598.22	34.95
			<i>For >50 To 100, Deduct</i>	-52.83	
			<i>For >100, Deduct</i>	-81.34	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 26 00-0105	EA	12" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	617.63	34.95
			For >50 To 100, Deduct	-54.77	
			For >100, Deduct	-84.26	
10 51 26 00-0106	EA	12" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	637.04	34.95
			For >50 To 100, Deduct	-56.71	
			For >100, Deduct	-87.17	
10 51 26 00-0107	EA	15" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	624.68	34.95
			For >50 To 100, Deduct	-55.48	
			For >100, Deduct	-85.31	
10 51 26 00-0108	EA	15" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	659.45	34.95
			For >50 To 100, Deduct	-58.95	
			For >100, Deduct	-90.53	
10 51 26 00-0109	EA	15" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	676.28	34.95
			For >50 To 100, Deduct	-60.64	
			For >100, Deduct	-93.05	
10 51 26 00-0110	EA	18" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	670.42	34.95
			For >50 To 100, Deduct	-60.05	
			For >100, Deduct	-92.17	
10 51 26 00-0111	EA	18" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	689.19	34.95
			For >50 To 100, Deduct	-61.93	
			For >100, Deduct	-94.99	
10 51 26 00-0112	EA	18" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	750.18	34.95
			For >50 To 100, Deduct	-68.03	
			For >100, Deduct	-104.14	
10 51 26 00-0113	EA	12" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	651.80	35.97
			For >50 To 100, Deduct	-57.99	
			For >100, Deduct	-89.14	
10 51 26 00-0114	EA	12" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	673.57	35.97
			For >50 To 100, Deduct	-60.16	
			For >100, Deduct	-92.40	
10 51 26 00-0115	EA	12" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	695.32	35.97
			For >50 To 100, Deduct	-62.34	
			For >100, Deduct	-95.67	
10 51 26 00-0116	EA	15" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	687.71	35.97
			For >50 To 100, Deduct	-61.58	
			For >100, Deduct	-94.52	
10 51 26 00-0117	EA	15" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	703.01	35.97
			For >50 To 100, Deduct	-63.11	
			For >100, Deduct	-96.82	
10 51 26 00-0118	EA	15" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	725.94	35.97
			For >50 To 100, Deduct	-65.40	
			For >100, Deduct	-100.26	
10 51 26 00-0119	EA	18" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	708.32	35.97
			For >50 To 100, Deduct	-63.64	
			For >100, Deduct	-97.62	
10 51 26 00-0120	EA	18" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	734.61	35.97
			For >50 To 100, Deduct	-66.27	
			For >100, Deduct	-101.56	
10 51 26 00-0121	EA	18" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	765.11	35.97
			For >50 To 100, Deduct	-69.32	
			For >100, Deduct	-106.13	

10 51 26 00-0122 Six Tier Solid Plastic Lockers (10 51 26 00-0001)

10 51 26 00-0123	EA	15" x 12" x 60"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	687.94	35.46
			For >50 To 100, Deduct	-61.70	
			For >100, Deduct	-94.68	
10 51 26 00-0124	EA	12" x 12" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	675.78	36.47
			For >50 To 100, Deduct	-60.28	
			For >100, Deduct	-92.61	
10 51 26 00-0125	EA	12" x 15" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	697.52	36.47
			For >50 To 100, Deduct	-62.46	
			For >100, Deduct	-95.87	
10 51 26 00-0126	EA	12" x 18" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	712.02	36.47
			For >50 To 100, Deduct	-63.91	
			For >100, Deduct	-98.05	
10 51 26 00-0127	EA	15" x 12" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	741.00	36.47
			For >50 To 100, Deduct	-66.81	
			For >100, Deduct	-102.40	
10 51 26 00-0128	EA	15" x 15" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	749.47	36.47
			For >50 To 100, Deduct	-67.65	
			For >100, Deduct	-103.67	
10 51 26 00-0129	EA	15" x 18" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	755.51	36.47
			For >50 To 100, Deduct	-68.26	
			For >100, Deduct	-104.57	
10 51 26 00-0130	EA	18" x 12" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	757.91	36.47
			For >50 To 100, Deduct	-68.50	
			For >100, Deduct	-104.93	
10 51 26 00-0131	EA	18" x 15" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	784.49	36.47
			For >50 To 100, Deduct	-71.15	
			For >100, Deduct	-108.92	
10 51 26 00-0132	EA	18" x 18" x 72"	Six Tier Solid Plastic Locker (Tufftec Lockers®)	819.53	36.47
			For >50 To 100, Deduct	-74.66	
			For >100, Deduct	-114.18	

10 51 26 00-0133 Solid Plastic Locker Accessories (10 51 26 00-0001)
10 51 26 00-0134 Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)

Note: Price per frame.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 51 26 00-0135	EA		Slope Top For Solid Plastic Lockers (Tufftec Lockers®).....	33.20	
10 51 26 00-0136			Recessed Bases For Solid Plastic Lockers <small>(10 51 26 00-0133)</small>		
Note: Price per frame.					
10 51 26 00-0137	EA		Recessed Base For Solid Plastic Lockers (Tufftec Lockers®).....	36.33	
10 51 26 00-0138			End Panels For Solid Plastic Lockers <small>(10 51 26 00-0133)</small>		
Note: Price per frame.					
10 51 26 00-0139	EA		End Panel For Solid Plastic Lockers (Tufftec Lockers®).....	81.82	
10 51 26 00-0140			Venting Options For Solid Plastic Locker Doors <small>(10 51 26 00-0133)</small>		
Note: Price per frame.					
10 51 26 00-0141	EA		Horizontal Venting Option For Solid Plastic Locker Doors.....	31.37	
10 51 26 00-0142			Filler Panels For Solid Plastic Lockers <small>(10 51 26 00-0133)</small>		
10 51 26 00-0143	EA		Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®).....	88.06	
Note: Full locker height. Width and height cut to size in the field.					
10 51 26 00-0144			Locker Accessories For Solid Plastic Lockers <small>(10 51 26 00-0133)</small>		
10 51 26 00-0145	EA		Built In Hasp For Solid Plastic Lockers.....	7.84	
Note: For removable padlocks. Excludes padlock.					
10 51 26 00-0146	EA		Built In Combination Lock For Solid Plastic Lockers.....	23.53	
10 51 26 00-0147	EA		Built In Key Lock For Solid Plastic Lockers.....	31.37	
10 51 53			Locker Room Benches <small>(10 51)</small>		
10 51 53 00-0001	LF		Hardwood Bench With Aluminum Pedestals.....	93.05	5.06
10 51 53 00-0002	LF		Hardwood Bench With Painted Steel Pedestals.....	74.26	5.06
10 51 53 00-0003	LF		Plastic Laminated Bench With Steel Pedestals.....	113.47	5.06
10 51 53 00-0004	LF		Solid Plastic Bench With Steel Pedestals.....	108.43	5.06
10 51 53 00-0005	LF		Aluminum Bench With Aluminum Pedestals.....	84.23	5.06

10 56 Storage Assemblies (10 50)
10 56 13 Metal Storage Shelving (10 56)
10 56 13 16 Post-And-Shelf Metal Storage Shelving (10 56 13)
10 56 13 16-0001 Baked Enamel Steel Shelving (10 56 13 16)
10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type (10 56 13 16-0001)

10 56 13 16-0003	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf.....	99.23	18.64
For >75" To 87" High, Add				8.28	
10 56 13 16-0004	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf.....	100.00	19.58
For >75" To 87" High, Add				8.25	
10 56 13 16-0005	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf.....	97.39	21.44
For >75" To 87" High, Add				7.84	
10 56 13 16-0006	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf.....	121.48	23.31
For >75" To 87" High, Add				10.13	
10 56 13 16-0007	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf.....	135.57	24.24
For >75" To 87" High, Add				11.40	
10 56 13 16-0008	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf.....	131.89	26.11
For >75" To 87" High, Add				10.90	
10 56 13 16-0009	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf.....	145.86	27.97
For >75" To 87" High, Add				12.16	

10 56 13 16-0010 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed (10 56 13 16-0001)

Note: Adjustable shelves.

10 56 13 16-0011	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf.....	69.11	9.51
10 56 13 16-0012	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf.....	68.76	10.16
10 56 13 16-0013	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf.....	76.93	10.82
10 56 13 16-0014	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf.....	80.11	11.47
10 56 13 16-0015	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf.....	91.81	12.21

10 56 13 16-0016 4 Shelf Unit, 40" High Unit (10 56 13 16-0001)

10 56 13 16-0017	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf.....	82.74	18.64
10 56 13 16-0018	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf.....	69.31	19.58
10 56 13 16-0019	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf.....	79.00	21.44
10 56 13 16-0020	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf.....	83.35	23.31
10 56 13 16-0021	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf.....	94.51	24.24

10 56 16 Fabricated Wood Storage Shelving (10 56)
10 56 16 00-0001 Shelving (10 56 16)
10 56 16 00-0002 Built-In Wood Shelving (10 56 16 00-0001)

Note: Priced by shelf area. Includes hardware and trim.

10 Specialties**10 50 Storage Specialties****10 56 Storage Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 56 16 00-0003	SF Built-in Wood Storage Shelving Post And Trimmed Plywood <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	19.22 0.69 2.32	2.55
10 56 16 00-0004	SF Built-in Wood Storage Shelving Post And Solid Clear Pine <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	20.71 0.69 2.32	3.06
10 56 16 00-0005	SF Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod..... <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	20.95 0.69 2.32	5.10
10 56 16 00-0006	Wood Shelving, White Pine, Clear Grade, Wall Mounted <small>(10 56 16 00-0001)</small>		
10 56 16 00-0007	LF 1" x 8" White Pine Clear Grade Wood Shelving.....	16.10	6.12
10 56 16 00-0008	LF 1" x 10" White Pine Clear Grade Wood Shelving.....	17.66	6.53
10 56 16 00-0009	LF 1" x 12" White Pine Clear Grade Wood Shelving.....	19.40	7.05
10 56 16 00-0010	SF Wood Shelving, 2" White Pine Clear Grade.....	25.08	
10 56 16 00-0011	Plywood Shelf With Edge Band <small>(10 56 16 00-0001)</small>		
10 56 16 00-0012	LF 12" Wide, 3/4" Plywood Shelf With Edge Band.....	19.39	6.12
10 56 16 00-0013	LF 24" Wide, 3/4" Plywood Shelf With Edge Band.....	29.83	7.65
10 56 16 00-0014	Adjustable Shelf And Rod <small>(10 56 16 00-0001)</small>		
10 56 16 00-0015	EA 12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	165.32	22.96
10 56 16 00-0016	EA 12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	195.76	30.61
10 56 16 00-0017	Prefinished Wood Shelves With Brackets And Supports <small>(10 56 16 00-0001)</small>		
10 56 16 00-0018	LF Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	16.97	6.12
10 56 16 00-0019	LF Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	18.45	6.53
10 56 16 00-0020	SF Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	58.88	10.20
10 56 16 00-0021	Wood Shelving, Oak, Clear Grade, Wall Mounted <small>(10 56 16 00-0001)</small>		
10 56 16 00-0022	LF Wood Shelving, 1" X 8" Oak Clear Grade.....	19.01	9.60
10 56 17	Wall-Mounted Standards and Shelving <small>(10 56)</small>		
10 56 17 00-0001	Galvanized Steel, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
	Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF 8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	58.38 3.03 4.29	10.13
10 56 17 00-0003	LF 10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	60.22 3.03 4.29	10.13
10 56 17 00-0004	LF 12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	64.48 3.03 4.29	10.13
10 56 17 00-0005	LF 16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	69.99 3.03 4.29	10.13
10 56 17 00-0006	LF 18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	71.36 3.03 4.29	10.13
10 56 17 00-0007	LF 24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	83.17 3.03 4.29	10.13
10 56 17 00-0008	304 Stainless Steel, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
	Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF 8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	91.85 3.03 4.29	10.13
10 56 17 00-0010	LF 10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	100.21 3.03 4.29	10.13
10 56 17 00-0011	LF 12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	108.61 3.03 4.29	10.13
10 56 17 00-0012	LF 16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	127.91 3.03 4.29	10.13
10 56 17 00-0013	LF 18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	139.33 3.03 4.29	10.13
10 56 17 00-0014	LF 24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	155.83 3.03 4.29	10.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 56 17 00-0015	Laminated Particleboard, Wall Mounted Solid Shelving <small>(10 56 17)</small>				
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	41.00	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0017	LF		10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	42.24	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0018	LF		12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	43.75	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0019	LF		16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	45.93	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0020	LF		18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	48.58	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0021	LF		24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	55.69	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	

10 56 17 00-0022	Chrome Plated Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small>				
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0023	LF		14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	57.21	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0024	LF		18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	63.64	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	

10 56 17 00-0025	Stainless Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small>				
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0026	LF		14" Depth, Stainless Steel, Wall Mounted Wire Shelving.....	127.12	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	
10 56 17 00-0027	LF		18" Depth, Stainless Steel, Wall Mounted Wire Shelving.....	132.05	10.13
For Installation On Concrete Walls, Add				3.03	
For Installation On Concrete Block Walls, Add				4.29	

10 56 17 00-0028	Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <small>(10 56 17)</small>				
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0029	LF		8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	45.64	10.13
For Installation On Concrete Walls, Add				4.15	
For Installation On Concrete Block Walls, Add				5.41	
10 56 17 00-0030	LF		10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	46.60	10.13
For Installation On Concrete Walls, Add				4.18	
For Installation On Concrete Block Walls, Add				5.44	
10 56 17 00-0031	LF		12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	47.27	10.13
For Installation On Concrete Walls, Add				4.21	
For Installation On Concrete Block Walls, Add				5.47	
10 56 17 00-0032	LF		16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	49.48	10.13
For Installation On Concrete Walls, Add				4.27	
For Installation On Concrete Block Walls, Add				5.53	
10 56 17 00-0033	LF		18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	50.62	10.13
For Installation On Concrete Walls, Add				4.29	
For Installation On Concrete Block Walls, Add				5.55	
10 56 17 00-0034	LF		24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	53.99	10.13
For Installation On Concrete Walls, Add				4.38	
For Installation On Concrete Block Walls, Add				5.64	

10 56 17 00-0035	Wall Mounted Shelving Accessories <small>(10 56 17)</small>				
10 56 17 00-0036	LF		Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit.....	30.52	

10 57 Wardrobe And Closet Specialties (10 50)

10 57 13 Hat And Coat Racks (10 57)

10 57 13 00-0001	Hat And Coat Rack <small>(10 57 13)</small>				
10 57 13 00-0002	Single Tier <small>(10 57 13 00-0001)</small>				
10 57 13 00-0003	LF		Single Tier Hat And Coat Rack Baked Enameled Steel.....	49.06	5.06
For Custom Made Units, Add				21.38	
10 57 13 00-0004	LF		Single Tier Hat And Coat Rack Stainless Steel.....	39.78	5.06
For Custom Made Units, Add				15.81	
10 57 13 00-0005	LF		Single Tier Hat And Coat Rack Aluminum.....	93.34	5.06
For Custom Made Units, Add				47.95	
10 57 13 00-0006	Double Tier <small>(10 57 13 00-0001)</small>				
10 57 13 00-0007	LF		Double Tier Hat And Coat Rack Baked Enameled Steel.....	65.10	5.06
For Custom Made Units, Add				29.10	
10 57 13 00-0008	LF		Double Tier Hat And Coat Rack Stainless Steel.....	45.22	5.06
For Custom Made Units, Add				17.17	

10 Specialties

10 50 Storage Specialties

10 57 Wardrobe And Closet Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum..... <i>For Custom Made Units, Add</i>	156.70 84.06	5.06
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10 57 43 Wardrobe Units (10 57)

10 57 43 00-0001 Dormitory Wardrobe Units (10 57 43)

10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door <i>For Custom Made Units, Add</i>	1,352.57 680.21	187.64
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door <i>For Custom Made Units, Add</i>	1,065.49 507.96	187.64

10 57 43 00-0004 Hospital Wardrobe Units 24" x 24" x 76" With Door (10 57 43)

10 57 43 00-0005	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door <i>For Custom Made Units, Add</i>	823.84 362.97	187.64
10 57 43 00-0006	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door <i>For Custom Made Units, Add</i>	983.10 458.53	187.64
10 57 43 00-0007	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door <i>For Custom Made Units, Add</i>	1,094.79 525.54	187.64
10 57 43 00-0008	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door..... <i>For Custom Made Units, Add</i>	1,485.82 760.16	187.64

10 70 Exterior Specialties (10)

10 71 Exterior Protection (10 70)

10 71 13 Exterior Sun Control Devices (10 71)

10 71 13 13 Exterior Shutters (10 71 13)

10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished (10 71 13 13)

10 71 13 13-0002 Louvered Decorative Shutters (10 71 13 13-0001)

10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	85.65 8.07	30.62
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	92.52 8.94	32.15
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	99.42 9.81	33.68
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	105.75 10.59	35.21
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	112.85 11.49	36.74
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	120.23 12.46	38.27
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	125.43 13.02	39.80
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	131.14 13.69	41.33
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	138.62 14.66	42.86
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	148.47 16.07	44.39
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	153.40 16.59	45.93
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	165.63 18.42	47.46
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	170.51 18.94	48.99
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic..... <i>For Colored Finish, Add</i>	179.20 20.13	50.52

10 71 13 13-0017 Raised Panel Decorative Shutters (10 71 13 13-0001)

10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	117.47 13.06	33.68
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	125.62 14.16	35.21
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	131.15 14.79	36.74
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	139.52 15.93	38.27
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	146.79 16.87	39.80
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	153.66 17.74	41.33
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	162.80 19.02	42.86
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	174.72 20.79	44.39
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	183.20 21.95	45.93
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	192.72 23.30	47.46
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	196.19 23.56	48.99

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic For Colored Finish, Add	203.18 24.45	50.52
10 71 13 13-0030		Exterior Spanish Cedar Shutters <small>(10 71 13 13)</small>		
10 71 13 13-0031		12" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	382.45 150.00	30.62
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	413.32 150.00	33.68
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	442.15 150.00	35.21
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	473.02 150.00	38.27
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	501.86 150.00	39.80
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	534.97 150.00	42.86
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	563.81 150.00	44.39
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	592.64 150.00	45.93
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	623.51 150.00	48.99
10 71 13 13-0041		14" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	404.78 150.00	30.62
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	440.12 150.00	33.68
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	473.41 150.00	35.21
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	508.74 150.00	38.27
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	542.05 150.00	39.80
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	577.39 150.00	42.86
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	610.70 150.00	44.39
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	641.76 150.00	45.93
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	677.10 150.00	48.99
10 71 13 13-0051		16" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	429.34 150.00	30.62
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	466.91 150.00	33.68
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	504.67 150.00	35.21
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	542.24 150.00	38.27
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	580.01 150.00	39.80
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	619.82 150.00	42.86
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	655.36 150.00	44.39
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	693.11 150.00	45.93
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	732.92 150.00	48.99
10 71 13 13-0061		18" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	451.67 150.00	30.62
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	493.70 150.00	33.68
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	535.93 150.00	35.21
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	577.96 150.00	38.27
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	617.97 150.00	39.80
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	662.24 150.00	42.86
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	702.25 150.00	44.39
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	744.47 150.00	45.93
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter For Arched Tops, Add	786.50 150.00	48.99

10	10 Specialties		
	10 70 Exterior Specialties		
	10 71 Exterior Protection		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 71 13 13-0071	20" Width <small>(10 71 13 13-0030)</small>				
10 71 13 13-0072	PR 20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	473.99	30.62	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0073	PR 20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	520.50	33.68	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0074	PR 20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	564.96	35.21	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0075	PR 20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	613.69	38.27	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0076	PR 20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	658.16	39.80	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0077	PR 20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	704.66	42.86	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0078	PR 20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	749.14	44.39	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0079	PR 20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	793.59	45.93	150.00	
	<i>For Arched Tops, Add</i>				
10 71 13 13-0080	PR 20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	840.09	48.99	150.00	
	<i>For Arched Tops, Add</i>				

10 73 Protective Covers (10 70)

10 73 13 Awnings (10 73)

10 73 13 13 Metal Awnings (10 73 13)

10 73 13 13-0001	Metal Awnings <small>(10 73 13 13)</small>				
	<i>Note: Includes metal cover, frame supports and anchoring.</i>				
10 73 13 13-0002	SF Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings.....	51.30	7.43		
10 73 13 13-0003	SF Baked Enamel Finish, Ribbed Aluminum Window Awning	45.40	6.66		
10 73 13 13-0004	SF Flat Roofed Steel Awning	132.27	7.72		
	<i>Note: Per SF of covered area</i>				
10 73 13 13-0005	SF Arched Roofed Steel Awning (Per SF Of Covered Area).....	136.65	8.68		

10 73 13 23 Fabric Awnings (10 73 13)

10 73 13 23-0001	Canvas Awnings <small>(10 73 13 23)</small>				
	<i>Note: Includes minimum 12 oz. canvas, frame supports and anchoring.</i>				
10 73 13 23-0002	SF Canvas Awning, Waterproof Fabric Tubular Metal Framing	49.84	6.62		
10 73 13 23-0003	SF Side Protection Canvas For Walkways (Per SF Of Wall Area)	27.99	2.14		
10 73 13 23-0004	SF Removal And Replacement Of Canvas For Awnings.....	19.05			
	<i>Note: Includes removal of existing canvas cover.</i>				
	<i>For 18 Oz. Vinyl Laminated Polyester Cover, Add</i>	0.55			

10 73 16 Canopies (10 73)

10 73 16 13 Metal Canopies (10 73 16)

10 73 16 13-0001	Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished <small>(10 73 16 13)</small>				
	<i>Note: Includes cover, frame supports and anchoring.</i>				
10 73 16 13-0002	EA 8' x 10' Canopy, Aluminum, Wall Hung.....	4,689.87	427.31		
10 73 16 13-0003	EA 8' x 20' Canopy, Aluminum, Wall Hung.....	8,609.94	683.87		
10 73 16 13-0004	EA 10' x 10' Canopy, Aluminum, Wall Hung.....	5,780.33	534.66		
10 73 16 13-0005	EA 10' x 20' Canopy, Aluminum, Wall Hung.....	10,379.44	714.95		

10 73 26 Walkway Coverings (10 73)

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings (10 73 26)

10 73 26 13-0001	Steel Walkway/Parking Covers <small>(10 73 26 13)</small>				
	<i>Note: Factory applied polyester finish.</i>				
10 73 26 13-0002	SF Flat Roofed Steel Walkway/Parking Cover	66.78	6.13		
	<i>Note: Includes factory applied polyester finish.</i>				
	<i>For Snow Load (30 PSF), Add</i>	21.81			
	<i>For Wind Load (140 MPH), Add</i>	27.26			
10 73 26 13-0003	SF Arch Roofed Steel Walkway/Parking Cover	71.14	6.60		
	<i>Note: Includes factory applied polyester finish.</i>				
	<i>For Snow Load (30 PSF), Add</i>	23.17			
	<i>For Wind Load (140 MPH), Add</i>	28.97			

10 73 26 13-0004 Aluminum Walkway/Parking Covers (10 73 26 13)

10 73 26 13-0005	SF Flat Roofed Aluminum Walkway/Parking Cover	44.80	6.13		
	<i>Note: Includes factory applied polyester finish.</i>				
	<i>For Snow Load (30 PSF), Add</i>	13.02			
	<i>For Wind Load (140 MPH), Add</i>	16.27			
10 73 26 13-0006	SF Arch Roofed Aluminum Walkway/Parking Cover	48.71	6.60		
	<i>Note: Includes factory applied polyester finish.</i>				
	<i>For Snow Load (30 PSF), Add</i>	14.20			
	<i>For Wind Load (140 MPH), Add</i>	17.75			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 75 Flagpoles (10 70)

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles (10 75)
10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles (10 75 16)

10 75 16 00-0002	EA		25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall. <i>For Internal Halyard, Cam System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	2,606.79 300.00 20.00 96.00	734.48
10 75 16 00-0003	EA		30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall. <i>For Internal Halyard, Cam System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	2,794.67 300.00 50.00 96.00	801.24
10 75 16 00-0004	EA		35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall. <i>For Internal Halyard, Cam System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	3,479.06 300.00 10.00 96.00	934.77
10 75 16 00-0005	EA		40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall. <i>For Internal Halyard, Cam System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	4,028.74 300.00 50.00 96.00	1,068.53
10 75 16 00-0006	EA		50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	7,065.99 1,700.00 200.00 96.00	1,202.03
10 75 16 00-0007	EA		60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	8,361.18 1,900.00 160.00 96.00	1,335.39
10 75 16 00-0008	EA		70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	13,963.43 2,860.00 700.00 96.00	1,469.38
10 75 16 00-0009	EA		78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Bronze Finish, Add</i> <i>For Rope Lock Box, Add</i>	17,932.48 2,900.00 900.00 96.00	1,602.47

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles (10 75 16)

10 75 16 00-0011	EA		20' Exposed Height, Tapered Satin Aluminum Flagpole Note: Heavy duty. Note: 5" butt diameter, 3" top diameter and 0.188" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Rope Lock Box, Add</i>	2,395.42 570.00 150.00 180.00 230.00 96.00	667.87
10 75 16 00-0012	EA		25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Rope Lock Box, Add</i>	2,831.45 1,100.00 200.00 230.00 320.00 96.00	734.48
10 75 16 00-0013	EA		30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Rope Lock Box, Add</i>	3,138.22 1,390.00 240.00 290.00 400.00 96.00	801.24
10 75 16 00-0014	EA		35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Rope Lock Box, Add</i>	3,958.75 1,340.00 290.00 360.00 480.00 96.00	934.77
10 75 16 00-0015	EA		40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. <i>For Internal Halyard, Winch System, Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Rope Lock Box, Add</i>	4,865.48 1,490.00 390.00 480.00 660.00 96.00	1,068.53

10 | **10 Specialties**
10 70 Exterior Specialties
10 75 Flagpoles



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0016	EA		45' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	5,370.14 1,340.00 400.00 500.00 700.00 96.00	1,135.25
10 75 16 00-0017	EA		50' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 10" butt diameter, 4" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	6,676.65 1,380.00 700.00 860.00 1,130.00 96.00	1,202.03
10 75 16 00-0018	EA		60' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	11,211.61 1,800.00 620.00 820.00 1,160.00 96.00	1,335.39
10 75 16 00-0019	EA		70' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	12,272.60 1,720.00 710.00 950.00 1,360.00 96.00	1,469.38
10 75 16 00-0020	EA		80' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.375" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	15,272.65 2,600.00 1,100.00 1,380.00 1,840.00 96.00	1,602.47

10 75 16 00-0021 Flagpole Bases (10 75 16)

10 75 16 00-0022 Flagpole Concrete Base (10 75 16 00-0021)

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA		30' Or Less Flagpole, Poured Concrete Foundation.....	1,209.20	
10 75 16 00-0024	EA		35' Flagpole, Poured Concrete Foundation.....	1,250.81	
10 75 16 00-0025	EA		40' Flagpole, Poured Concrete Foundation.....	1,438.32	
10 75 16 00-0026	EA		45' Flagpole, Poured Concrete Foundation.....	1,521.76	
10 75 16 00-0027	EA		50' Flagpole, Poured Concrete Foundation.....	1,823.84	
10 75 16 00-0028	EA		60' Flagpole, Poured Concrete Foundation.....	2,209.05	
10 75 16 00-0029	EA		70' Flagpole, Poured Concrete Foundation.....	2,615.35	
10 75 16 00-0030	EA		80' Flagpole, Poured Concrete Foundation.....	3,045.00	
10 75 16 00-0031	EA		90' To 100' Flagpole, Poured Concrete Foundation.....	3,554.78	

10 75 16 00-0032 Direct Embedded Flagpole Base (10 75 16 00-0021)

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA		20' To 25' Flagpole, Direct Embedded Pole Base.....	528.59	
10 75 16 00-0034	EA		30' To 40' Flagpole, Direct Embedded Pole Base.....	758.80	
10 75 16 00-0035	EA		45' To 55' Flagpole, Direct Embedded Pole Base.....	846.96	
10 75 16 00-0036	EA		60' To 70' Flagpole, Direct Embedded Pole Base.....	954.18	

10 75 16 00-0037 Flagpole Accessories (10 75 16)

10 75 16 00-0038 Flagpole Tops (10 75 16 00-0037)

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA		4" Gold Anodized Aluminum Ball For Top Of Flagpole.....	110.27	43.08
10 75 16 00-0040	EA		5" Gold Anodized Aluminum Ball For Top Of Flagpole.....	119.65	45.61
10 75 16 00-0041	EA		6" Gold Anodized Aluminum Ball For Top Of Flagpole.....	132.48	48.14
10 75 16 00-0042	EA		8" Gold Anodized Aluminum Ball For Top Of Flagpole.....	166.84	50.68
10 75 16 00-0043	EA		10" Gold Anodized Aluminum Ball For Top Of Flagpole.....	213.28	53.21
10 75 16 00-0044	EA		12" Gold Anodized Aluminum Ball For Top Of Flagpole.....	236.46	55.74
10 75 16 00-0045	EA		11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	218.35	55.74
10 75 16 00-0046	EA		15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	253.38	63.34

10 75 16 00-0047 Flagpole Accessories (10 75 16 00-0037)

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF		5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	0.84	0.08
10 75 16 00-0049	LF		5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles.....	0.43	0.08
10 75 16 00-0050	LF		5/16" Diameter, Nylon Halyard (Rope) For Flagpoles.....	0.34	0.08
10 75 16 00-0051	LF		3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	1.12	0.08
10 75 16 00-0052	EA		Refinish Existing Flagpole Ball.....	328.53	126.65
10 75 16 00-0053	EA		Locking Aluminum Cleat Box For Flagpoles.....	258.90	75.99
10 75 16 00-0054	EA		Aluminum Cleat For Flagpoles.....	21.08	5.06
10 75 16 00-0055	LF		1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles.....	0.63	0.09

10 75 23 Wall-Mounted Flagpoles (10 75)

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles ^(10 75 23)			
<i>Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.</i>			
10 75 23 00-0002	EA 14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish..... <i>For Rope Lock Box, Add</i>	1,662.84 96.00	585.79
10 75 23 00-0003	EA 17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish..... <i>For Rope Lock Box, Add</i>	1,805.86 96.00	644.37
10 75 23 00-0004	EA 20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish..... <i>For Rope Lock Box, Add</i>	1,957.48 96.00	702.95
10 75 23 00-0005	EA 25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish..... <i>For Rope Lock Box, Add</i>	2,269.38 96.00	820.11

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles ^(10 75 23)			
<i>Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.</i>			
10 75 23 00-0007	EA 10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket <i>For Rope Lock Box, Add</i>	2,123.12 96.00	527.21
10 75 23 00-0008	EA 15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket <i>For Rope Lock Box, Add</i>	2,291.99 96.00	585.79
10 75 23 00-0009	EA 20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket <i>For Rope Lock Box, Add</i>	2,560.78 96.00	702.95

10 80 Other Specialties ⁽¹⁰⁾

10 81 Pest Control Devices ^(10 80)

10 81 13 Bird Control Devices ^(10 81)

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier ^(10 81 13)			
<i>Note: Stainless steel spikes with flexible polycarbonate base.</i>			
10 81 13 00-0002	LF 2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	6.60	0.81
10 81 13 00-0003	LF 4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	7.96	0.81
10 81 13 00-0004	LF 8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	11.61	0.81

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier ^(10 81 13)

<i>Note: Polycarbonate spikes and base.</i>			
10 81 13 00-0006	LF 3" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	6.12	0.81
10 81 13 00-0007	LF 5" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	7.42	0.81
10 81 13 00-0008	LF 8" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	8.87	0.81

10 81 16 Insect Control Devices ^(10 81)

10 81 16 00-0001 Insect Screening ^(10 81 16)			
10 81 16 00-0002	CSF 17/14 Mesh Insect Screening With Flat Screen Splines.....	84.93	

10 86 Security Mirrors And Domes ^(10 80)

10 86 00 00-0001 Dome Mirrors ^(10 86)

Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 Steel Dome Mirrors ^(10 86 00 00-0001)			
10 86 00 00-0003	EA 9" Diameter Full-Dome Steel Dome Mirror.....	193.51	20.27
10 86 00 00-0004	EA 12" Diameter Full-Dome Steel Dome Mirror.....	226.13	21.28
10 86 00 00-0005	EA 18" Diameter Full-Dome Steel Dome Mirror.....	260.77	23.31
10 86 00 00-0006	EA 24" Diameter Full-Dome Steel Dome Mirror.....	344.65	25.33
10 86 00 00-0007	EA 9" Diameter Half-Dome Steel Dome Mirror.....	138.94	15.20
10 86 00 00-0008	EA 12" Diameter Half-Dome Steel Dome Mirror.....	159.60	16.22
10 86 00 00-0009	EA 18" Diameter Half-Dome Steel Dome Mirror.....	185.78	17.73
10 86 00 00-0010	EA 24" Diameter Half-Dome Steel Dome Mirror.....	255.33	19.25

10 86 00 00-0001 Plexiglas Dome Mirrors ^(10 86 00 00-0001)

10 86 00 00-0012	EA 18" Diameter Full-Dome Plexiglas Dome Mirror.....	155.02	23.31
10 86 00 00-0013	EA 26" Diameter Full-Dome Plexiglas Dome Mirror.....	214.29	25.33
10 86 00 00-0014	EA 32" Diameter Full-Dome Plexiglas Dome Mirror.....	280.92	29.39
10 86 00 00-0015	EA 36" Diameter Full-Dome Plexiglas Dome Mirror.....	339.64	35.47
10 86 00 00-0016	EA 48" Diameter Full-Dome Plexiglas Dome Mirror.....	495.08	50.68
10 86 00 00-0017	EA 18" Diameter Half-Dome Plexiglas Dome Mirror.....	97.06	17.73
10 86 00 00-0018	EA 26" Diameter Half-Dome Plexiglas Dome Mirror.....	128.03	19.25
10 86 00 00-0019	EA 32" Diameter Half-Dome Plexiglas Dome Mirror.....	166.84	22.30
10 86 00 00-0020	EA 36" Diameter Half-Dome Plexiglas Dome Mirror.....	205.35	26.86
10 86 00 00-0021	EA 48" Diameter Half-Dome Plexiglas Dome Mirror.....	323.43	38.00
10 86 00 00-0022	EA 18" Diameter Quarter-Dome Plexiglas Dome Mirror.....	64.99	15.20
10 86 00 00-0023	EA 26" Diameter Quarter-Dome Plexiglas Dome Mirror.....	81.74	16.72
10 86 00 00-0024	EA 32" Diameter Quarter-Dome Plexiglas Dome Mirror.....	105.47	18.75
10 86 00 00-0025	EA 36" Diameter Quarter-Dome Plexiglas Dome Mirror.....	130.79	22.30
10 86 00 00-0026	EA 48" Diameter Quarter-Dome Plexiglas Dome Mirror.....	213.65	31.67

10 86 00 00-0027 Coated Plexiglas Dome Mirrors ^(10 86 00 00-0001)

10 86 00 00-0028	EA 18" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	182.29	23.31
10 86 00 00-0029	EA 26" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	275.48	25.33

10 Specialties

10 80 Other Specialties

10 86 Security Mirrors And Domes



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	462.02	35.47
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	709.24	50.68
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	119.94	17.73
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	174.19	19.25
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	273.19	26.86
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	448.47	38.00
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	88.53	15.20
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	121.38	16.72
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	155.49	18.75
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	198.89	22.30
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	309.43	31.67

10 86 00 00-0041 Circular Convex Security Mirrors (10 86)

Note: Includes all mounting hardware.

10 86 00 00-0042 Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	69.68	16.22
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	88.55	17.73
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	129.50	19.25
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	160.72	22.30
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	212.00	26.86
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	368.65	38.00
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	111.03	17.73
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	156.10	19.25
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	222.65	26.86
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	400.58	38.00

10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	131.78	17.73
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	202.12	19.25
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	269.39	22.30
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	335.71	26.86
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	487.04	38.00
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	156.12	17.73
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	236.71	19.25
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	326.59	22.30
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	370.30	26.86
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	584.15	38.00

END OF SECTION 10

		Equipment	11
		Operation And Maintenance Of Equipment	11 01
		Operation And Maintenance Of Vehicle And Pedestrian Equipment	11 01 10
MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation And Maintenance Of Equipment⁽¹¹⁾

11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment^(11 01)

11 01 10 13 Operation And Maintenance Of Parking Equipment^(11 01 10)

11 01 10 13-0001 Replacement Parking Equipment^(11 01 10 13)

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	360.55	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	377.88	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	397.56	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	524.81	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	543.33	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	767.54	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	779.51	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	801.62	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	920.93	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	936.80	

11 10 Vehicle And Pedestrian Equipment⁽¹¹⁾

11 12 Parking Control Equipment^(11 10)

11 12 16 Parking Ticket Dispensers^(11 12)

11 12 16 00-0001 Parking Ticket Dispensers^(11 12 16)

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	6,940.44	189.22
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	9,261.53	189.22

11 12 23 Parking Meters^(11 12)

11 12 23 00-0001 Parking Meters^(11 12 23)

11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	170.78	
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11 12 26 Parking Fee Collection Equipment^(11 12)

11 12 26 13 Parking Fee Coin Collection Equipment^(11 12 26)

11 12 26 13-0001 Parking Fee Collection Equipment^(11 12 26 13)

11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	1,673.42	64.13
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11 12 33 Parking Gates^(11 12)

11 12 33 13 Lift Arm Parking Gates^(11 12 33)

11 12 33 13-0001 Barrier Parking Gate Operators^(11 12 33 13)

11 12 33 13-0002 Barrier Parking Gate Operators^(11 12 33 13-0001)

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.				
11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	3,929.56	262.46
For 230/460 Volt AC, Add			322.50	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	3,915.72	262.46
For 230/460 Volt AC, Add			322.50	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	4,091.09	262.46
For 230/460 Volt AC, Add			322.50	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	5,822.25	262.46
For 230/460 Volt AC, Add			322.50	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	5,289.18	262.46
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	5,566.07	262.46

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes^(11 12 33 13-0001)

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.				
11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	11,998.70	524.93
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	14,041.95	524.93
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	12,102.54	524.93
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	14,145.78	524.93

11 12 33 13-0014 Barrier Parking Gate Operator Accessories^(11 12 33 13-0001)

11

11 **Equipment**11 10 **Vehicle And Pedestrian Equipment**11 12 **Parking Control Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	152.05	18.34
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	138.21	18.34
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	313.57	18.34
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	469.33	18.34
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	428.95	18.34
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	428.95	18.34
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	521.24	18.34
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	479.67	110.05
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	479.67	110.05
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	486.93	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,108.96	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	646.70	18.34

Note: Includes mounting plate and hardware. Excludes concrete foundation.

11 12 36 **Tire Shredders** (11 12)

11 12 36 00-0001		Tire Shredding Traffic Control Spikes <small>(11 12 36)</small>		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	1,850.97	293.44
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	3,261.79	146.73
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	2,338.81	146.73
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	1,459.91	55.02
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	1,196.62	73.36

Note: Includes light and mounting post.

Note: Includes mounting post and hardware.

11 13 **Loading Dock Equipment** (11 10)11 13 13 **Loading Dock Bumpers** (11 13)

11 13 13 00-0001		Laminated Rubber Dock Bumpers <small>(11 13 13)</small>		
11 13 13 00-0002		4-1/2" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	112.48	20.26
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	139.14	20.26
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	176.76	20.26
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	123.84	20.26
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	133.26	20.26
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	150.11	20.26
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	176.76	20.26
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	236.95	20.26
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	138.89	20.26
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	150.11	20.26
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	182.12	20.26
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	204.82	20.26
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	278.52	20.26
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	168.85	20.26
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	195.25	20.26
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	251.49	20.26
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	156.18	20.26
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	165.49	20.26
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	187.93	20.26
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	222.11	20.26
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	297.73	20.26
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	176.84	20.26
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	184.49	20.26
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	214.84	20.26
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	260.11	20.26
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	386.87	20.26
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	222.24	20.26
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	252.59	20.26
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	256.63	20.26
11 13 13 00-0033		Extruded Rubber Dock Bumpers <small>(11 13 13)</small>		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	63.01	20.26
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	66.75	20.26
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	71.75	20.26
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	76.75	20.26

MINOR	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI			UNIT COST	UNIT COST

11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	82.61	20.26
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	98.37	20.26
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	102.91	20.26
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	113.25	20.26
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	99.49	20.26
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	120.74	20.26
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	138.23	20.26
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	171.62	20.26
11 13 13 00-0049		Molded Rubber Dock Bumpers <small>(11 13 13)</small>		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper.....	87.24	20.26
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	77.59	20.26
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	99.61	20.26
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	121.82	20.26
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	127.07	20.26
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	97.08	20.26
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	122.70	20.26
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	175.45	20.26
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	104.75	20.26
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	151.60	20.26
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	151.14	20.26
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper.....	225.46	20.26
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper.....	143.92	20.26
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper.....	133.85	20.26
11 13 16		Loading Dock Seals And Shelters <small>(11 13 16)</small>		
11 13 16 13		Loading Dock Seals <small>(11 13 16)</small>		
11 13 16 13-0001		Vinyl Loading Dock Seals <small>(11 13 16 13)</small>		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	79.18	20.26
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	80.14	20.26
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	81.10	20.26
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	83.01	20.26
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	84.92	20.26
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	86.86	20.26
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	88.80	20.26
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	90.79	20.26
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	92.79	20.26
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	94.70	20.26
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	96.61	20.26
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	100.49	20.26
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	90.55	20.26
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.51	20.26
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	92.47	20.26
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	94.41	20.26
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	96.35	20.26
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	98.26	20.26
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	100.17	20.26
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	102.11	20.26
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	104.05	20.26
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	105.96	20.26
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	107.93	20.26
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	111.75	20.26
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	96.61	20.26
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	97.59	20.26
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	98.58	20.26
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	100.49	20.26
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	102.40	20.26
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	104.34	20.26
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	106.28	20.26
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	108.19	20.26
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	110.11	20.26
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	112.05	20.26
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	113.99	20.26
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.92	20.26

11	11	Equipment
	11 10	Vehicle And Pedestrian Equipment
	11 13	Loading Dock Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 13 16 13-0041			Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13)</small>		
11 13 16 13-0042			Standard, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0043	LF		10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	74.12	20.26
11 13 16 13-0044	LF		12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	75.62	20.26
11 13 16 13-0045	LF		14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	78.95	20.26
11 13 16 13-0046	LF		16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	82.23	20.26
11 13 16 13-0047	LF		18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	85.60	20.26
11 13 16 13-0048	LF		20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	88.88	20.26
11 13 16 13-0049	LF		22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	92.20	20.26

11 13 16 13-0050			8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0051	LF		10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	84.87	20.26
11 13 16 13-0052	LF		12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	86.42	20.26
11 13 16 13-0053	LF		14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	89.74	20.26
11 13 16 13-0054	LF		16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	93.07	20.26
11 13 16 13-0055	LF		18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	96.35	20.26
11 13 16 13-0056	LF		20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	99.67	20.26
11 13 16 13-0057	LF		22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	102.95	20.26

11 13 16 13-0058			4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0059	LF		10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	90.70	20.26
11 13 16 13-0060	LF		12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	92.20	20.26
11 13 16 13-0061	LF		14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	95.57	20.26
11 13 16 13-0062	LF		16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	98.85	20.26
11 13 16 13-0063	LF		18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	102.18	20.26
11 13 16 13-0064	LF		20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	105.45	20.26
11 13 16 13-0065	LF		22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	108.72	20.26

11 13 16 23 Loading Dock Shelters (11 13 16)

11 13 16 23-0001			Retractable Vinyl Loading Dock Shelter <small>(11 13 16 23)</small>		
11 13 16 23-0002	LF		Retractable Vinyl Dock Shelters, Scissor Arms	122.20	25.32
11 13 16 23-0003			Rigid Loading Dock Shelters <small>(11 13 16 23)</small>		
11 13 16 23-0004	LF		18" Projection, Rigid Loading Dock Shelter	93.35	24.32
11 13 16 23-0005	LF		24" Projection, Rigid Loading Dock Shelter	96.88	24.32
11 13 16 23-0006	LF		30" Projection, Rigid Loading Dock Shelter	100.65	25.32
11 13 16 23-0007	LF		36" Projection, Rigid Loading Dock Shelter	103.08	25.32

11 13 19 Stationary Loading Dock Equipment (11 13)

Note: Includes all anchor bolts and fasteners.

11 13 19 13 Loading Dock Levelers (11 13 19)

11 13 19 13-0001			Hydraulic Dock Levelers <small>(11 13 19 13)</small>		
			Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0002			20,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0003	EA		6' x 6', 20,000 LB Hydraulic Dock Leveler	7,761.21	831.99
11 13 19 13-0004	EA		6' x 8', 20,000 LB Hydraulic Dock Leveler	8,299.30	924.43
11 13 19 13-0005	EA		6' x 10', 20,000 LB Hydraulic Dock Leveler	10,165.22	1,109.32
11 13 19 13-0006	EA		7' x 6', 20,000 LB Hydraulic Dock Leveler	8,258.44	924.43
11 13 19 13-0007	EA		7' x 8', 20,000 LB Hydraulic Dock Leveler	8,973.17	1,016.87
11 13 19 13-0008	EA		7' x 10', 20,000 LB Hydraulic Dock Leveler	10,759.78	1,201.76
11 13 19 13-0009			25,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0010	EA		6' x 6', 25,000 LB Hydraulic Dock Leveler	7,921.45	831.99
11 13 19 13-0011	EA		6' x 8', 25,000 LB Hydraulic Dock Leveler	8,465.04	924.43
11 13 19 13-0012	EA		6' x 10', 25,000 LB Hydraulic Dock Leveler	10,320.50	1,109.32
11 13 19 13-0013	EA		7' x 6', 25,000 LB Hydraulic Dock Leveler	8,415.13	924.43
11 13 19 13-0014	EA		7' x 8', 25,000 LB Hydraulic Dock Leveler	9,118.17	1,016.87
11 13 19 13-0015	EA		7' x 10', 25,000 LB Hydraulic Dock Leveler	11,064.23	1,201.76
11 13 19 13-0016			30,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0017	EA		6' x 6', 30,000 LB Hydraulic Dock Leveler	8,293.34	970.65
11 13 19 13-0018	EA		6' x 8', 30,000 LB Hydraulic Dock Leveler	8,821.23	1,109.32
11 13 19 13-0019	EA		6' x 10', 30,000 LB Hydraulic Dock Leveler	10,747.86	1,294.20
11 13 19 13-0020	EA		7' x 6', 30,000 LB Hydraulic Dock Leveler	8,821.23	1,109.32
11 13 19 13-0021	EA		7' x 8', 30,000 LB Hydraulic Dock Leveler	9,497.50	1,247.98
11 13 19 13-0022	EA		7' x 10', 30,000 LB Hydraulic Dock Leveler	11,424.13	1,340.43
11 13 19 13-0023			35,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0024	EA		6' x 6', 35,000 LB Hydraulic Dock Leveler	8,583.54	1,016.87

			TOTAL DIRECT	DEMOLITION
MINOR	CSI	UOM DESCRIPTION	UNIT COST	UNIT COST

11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler.....	9,112.79	1,155.53
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler.....	10,252.67	1,340.43
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler.....	9,112.79	1,155.53
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler.....	9,894.92	1,294.20
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler.....	11,862.22	1,386.65
11 13 19 13-0030		40,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler.....	9,089.32	1,016.87
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler.....	9,617.91	1,155.53
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler.....	11,573.00	1,340.43
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler.....	9,617.91	1,155.53
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler.....	10,400.85	1,294.20
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler.....	12,367.87	1,386.65
11 13 19 13-0037		45,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler.....	9,512.01	1,063.10
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler.....	10,049.13	1,201.76
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler.....	11,994.26	1,386.65
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler.....	10,050.52	1,201.76
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler.....	10,827.09	1,340.43
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler.....	12,781.45	1,432.86
11 13 19 13-0044		Manual Dock Levelers (11 13 19 13)		
11 13 19 13-0045		20,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler.....	6,115.22	831.99
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler.....	6,663.71	924.43
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler.....	8,519.23	1,109.32
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler.....	6,613.93	924.43
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler.....	7,327.19	1,016.87
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler.....	9,281.65	1,109.32
11 13 19 13-0052		40,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler.....	7,588.91	924.43
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler.....	8,117.51	1,016.87
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler.....	8,797.99	1,201.76
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler.....	8,117.51	1,016.87
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler.....	9,240.64	1,109.32
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler.....	10,867.46	1,294.20
11 13 19 13-0059		Edge-Of-Dock Levelers (11 13 19 13)		
		Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge-Of-Dock Levelers (11 13 19 13-0059)		
		Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,189.04	277.33
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,443.08	277.33
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,406.32	277.33
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,755.07	277.33
11 13 19 13-0065		Manual Edge-Of-Dock Levelers (11 13 19 13-0059)		
11 13 19 13-0066	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,569.69	277.33
11 13 19 13-0067	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,722.73	277.33
11 13 19 13-0068	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,769.54	277.33
11 13 19 13-0069	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,884.31	277.33
11 13 19 23		Stationary Loading Dock Lifts (11 13 19)		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts (11 13 19 23)		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift.....	13,188.28	204.12
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts (11 13 19 23)		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted.....	8,902.19	204.12
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted.....	16,364.14	306.18
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted.....	28,879.39	612.34
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted.....	30,222.10	816.46
11 13 19 26		Loading Dock Truck Lifts (11 13 19)		
11 13 19 26-0001		Hydraulic Truck Lifts (11 13 19 26)		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift.....	26,940.10	1,395.93
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift.....	30,814.07	1,675.12
11 13 19 33		Loading Dock Truck Restraints (11 13 19)		

11 Equipment
11 10 Vehicle And Pedestrian Equipment
11 13 Loading Dock Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 13 19 33-0001			Truck Restraint System (11 13 19 33)		
11 13 19 33-0002	EA		Truck Restraint System (Poweramp Powerstop AAL).....	6,375.74	346.66
Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.					
11 13 19 33-0003	EA		Rotating Hook Truck Restraint System (Kelley Star 4)	6,014.55	346.66
Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.					

11 13 23 Portable Dock Equipment (11 13)

11 13 23 23 Portable Dock Platforms (11 13 23)

11 13 23 23-0001	EA		6' x 6', 5,000 LB Capacity Portable Platform Lift	14,269.12	91.70
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11 13 26 Loading Dock Lights (11 13)

11 13 26 00-0001 Communication Lights (11 13 26)

11 13 26 00-0002	EA		Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC	269.45	78.84
Note: Excludes control console.					
11 13 26 00-0003	EA		Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	326.30	78.84
11 13 26 00-0004	EA		Dock Guide Light For Truck Backing	157.09	63.07

11 13 26 00-0005 Communication Lights Controls (11 13 26)

11 13 26 00-0006	EA		Dock Communication Lights Control Console For Up To Two Docks	307.70	105.12
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11 13 26 00-0007 Loading Dock Lights (11 13 26)

11 13 26 00-0008 Incandescent Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0009	EA		24" Long, Single Arm Loading Dock Light, 300W Incandescent	384.04	105.12
11 13 26 00-0010	EA		40" Long, Dual Arm Loading Dock Light, 300W Incandescent	344.23	105.12
11 13 26 00-0011	EA		60" Long, Dual Arm Loading Dock Light, 300W Incandescent	444.66	105.12

11 13 26 00-0012 Metal Halide Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0013	EA		24" Long, Single Arm Loading Dock Light, 100W Metal Halide	521.65	105.12
11 13 26 00-0014	EA		40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	568.83	105.12
11 13 26 00-0015	EA		60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	606.57	105.12

11 13 26 00-0016 Quartz Halogen Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0017	EA		24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	338.92	105.12
11 13 26 00-0018	EA		40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	368.77	105.12
11 13 26 00-0019	EA		60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	394.25	105.12

11 14 Pedestrian Control Equipment (11 10)

11 14 13 Pedestrian Gates (11 14)

11 14 13 16 Rotary Gates (11 14 13)

11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability (11 14 13 16)

11 14 13 16-0002 Mechanical (11 14 13 16-0001)

11 14 13 16-0003 Galvanized Steel (11 14 13 16-0002)

11 14 13 16-0004	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	8,009.03	1,277.88
11 14 13 16-0005	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	8,951.40	1,277.88
11 14 13 16-0006	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	17,477.72	1,906.55
11 14 13 16-0007	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	16,958.03	1,906.55

11 14 13 16-0008 Powder Coated Steel (11 14 13 16-0002)

11 14 13 16-0009	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	8,963.53	1,277.88
11 14 13 16-0010	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	9,869.52	1,277.88
11 14 13 16-0011	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	20,441.69	1,906.55
11 14 13 16-0012	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	18,524.03	1,906.55

11 14 13 16-0013 Anodized Aluminum (11 14 13 16-0002)

11 14 13 16-0014	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,377.55	1,277.88
11 14 13 16-0015	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	15,719.50	1,277.88
11 14 13 16-0016	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	18,447.81	1,906.55
11 14 13 16-0017	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	30,393.75	1,906.55

11 14 13 16-0018 Stainless Steel (11 14 13 16-0002)

11 14 13 16-0019	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	14,392.56	1,277.88
11 14 13 16-0020	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	16,065.96	1,277.88
11 14 13 16-0021	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	23,021.08	1,906.55
11 14 13 16-0022	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	28,460.50	1,906.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 14 13 16-0023			Transparent <small>(11 14 13 16-0002)</small>		
11 14 13 16-0024	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent.....	27,845.60	1,278.07
11 14 13 16-0025			Mechanical Options <small>(11 14 13 16-0001)</small>		
11 14 13 16-0026	EA		Out-of-Use Lock Option, Add.....	147.25	
11 14 13 16-0027	EA		Heel Protector (Each Heel Protector), Add.....	103.94	
11 14 13 16-0028			Electrical, One-Way <small>(11 14 13 16-0001)</small>		
11 14 13 16-0029			Galvanized Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0030	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	8,426.51	1,277.88
11 14 13 16-0031	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	9,370.62	1,277.88
11 14 13 16-0032	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	19,036.79	1,906.55
11 14 13 16-0033	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	17,631.90	1,906.55
11 14 13 16-0034	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	19,036.79	1,906.55
11 14 13 16-0035			Powder Coated Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0036	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	9,379.28	1,277.88
11 14 13 16-0037	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	10,434.25	1,277.88
11 14 13 16-0038	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	25,115.43	1,906.55
11 14 13 16-0039	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	19,206.56	1,906.55
11 14 13 16-0040	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	20,614.92	1,906.55
11 14 13 16-0041			Anodized Aluminum <small>(11 14 13 16-0028)</small>		
11 14 13 16-0042	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	9,552.51	1,277.88
11 14 13 16-0043	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	10,089.52	1,277.88
11 14 13 16-0044	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	16,239.19	1,277.88
11 14 13 16-0045	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	19,402.31	1,906.55
11 14 13 16-0046	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	21,462.01	1,906.55
11 14 13 16-0047	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	31,292.81	1,906.55
11 14 13 16-0048			Stainless Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0049	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	15,267.37	1,277.88
11 14 13 16-0050	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	16,289.42	1,277.88
11 14 13 16-0051	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	26,270.88	1,906.55
11 14 13 16-0052	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	29,796.11	1,906.55
11 14 13 16-0053	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	32,739.29	1,906.55
11 14 13 16-0054			Transparent <small>(11 14 13 16-0028)</small>		
11 14 13 16-0055	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	25,460.22	1,278.07
11 14 13 16-0056	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	26,908.42	1,278.07
11 14 13 16-0057	EA		One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	27,540.71	1,278.07
11 14 13 16-0058	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	45,194.52	1,906.55
11 14 13 16-0059	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	47,983.53	1,906.55
11 14 13 16-0060			Electrical, Two-Way <small>(11 14 13 16-0001)</small>		
11 14 13 16-0061			Galvanized Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0062	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	9,029.36	1,277.88
11 14 13 16-0063	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	10,001.18	1,277.88
11 14 13 16-0064	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	22,348.95	1,906.55
11 14 13 16-0065	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	18,707.66	1,906.55
11 14 13 16-0066			Powder Coated Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0067	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	9,907.63	1,277.88
11 14 13 16-0068	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	11,023.23	1,277.88
11 14 13 16-0069	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	25,638.59	1,906.55
11 14 13 16-0070	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	20,290.98	1,906.55
11 14 13 16-0071			Anodized Aluminum <small>(11 14 13 16-0060)</small>		
11 14 13 16-0072	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	10,146.69	1,277.88
11 14 13 16-0073	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	10,659.45	1,277.88
11 14 13 16-0074	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	16,930.38	1,277.88
11 14 13 16-0075	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	20,613.19	1,906.55
11 14 13 16-0076	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	32,417.08	1,906.55

11 Equipment
11 10 Vehicle And Pedestrian Equipment
11 14 Pedestrian Control Equipment

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 14 13 16-0077		Stainless Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	15,852.88	1,277.88
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	16,892.26	1,277.88
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,700.49	1,906.55
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	30,662.26	1,906.55
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	33,934.57	1,906.55
11 14 13 16-0083		Transparent <small>(11 14 13 16-0060)</small>		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	25,962.59	1,278.07
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	27,324.18	1,278.07
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	28,105.44	1,278.07
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	46,251.23	1,906.55
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	48,849.68	1,906.55
11 14 13 16-0089		Electrical Options <small>(11 14 13 16-0001)</small>		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	576.86	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	405.36	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	133.39	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	133.39	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	105.67	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	103.94	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	95.28	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	2,420.02	
11 14 13 16-0098		Relocate Rotary Gate <small>(11 14 13 16-0001)</small>		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,753.75	
11 14 13 19		Turnstiles <small>(11 14 13)</small>		
11 14 13 19-0001		Turnstiles <small>(11 14 13 19)</small>		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	1,828.77	382.71
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	2,316.54	382.71
11 14 16		Pedestrian Control Devices <small>(11 14)</small>		
11 14 16 00-0001		Retractable Barrier <small>(11 14 16)</small>		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WGB269387BK)	65.33	16.51
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	111.30	16.51
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	134.28	16.51
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	214.73	16.51

11 20 Commercial Equipment (11)

11 21 Retail and Service Equipment (11 20)

11 21 63 Refrigerated Display Equipment (11 21)

11 21 63 00-0001 Dairy Products (11 21 63)

11 21 63 00-0002 Refrigerated Dairy Case (11 21 63 00-0001)

11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,522.25	306.91
		For Rear Sliding Doors, Add	19.95	

11 21 63 00-0004 Refrigerated Milk Unit (11 21 63 00-0001)

11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	6,986.48	222.82
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11 21 63 00-0006 Refrigerated Ice Cream And Milk Dispenser (11 21 63 00-0001)

11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	7,745.71	244.70
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11 21 63 00-0008 Ice Cream Dispenser (11 21 63 00-0001)

11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	6,469.64	206.04
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11 21 63 00-0010 Drop-In Ice Cream Freezer (11 21 63 00-0001)

11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	1,613.41	51.28
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,108.31	67.05

11 21 63 00-0013 Ice Cream Cabinets (11 21 63 00-0001)

11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	5,053.15	160.25
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	7,199.02	231.26

11 21 63 00-0016 Delicatessen Case, Service Deli (11 21 63)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0017	LF		Delicatessen Case, Single-Deck.....	1,492.83	255.76
11 21 63 00-0018	LF		Delicatessen Case, Multi-Deck.....	1,681.47	306.91
11 21 63 00-0019	EA		Delicatessen Case, 3 Shelf, 32" x 23" x 23".....	1,869.50	71.42
11 21 63 00-0020	Meat Case <small>(11 21 63)</small>				
11 21 63 00-0021	LF		Meat Case, Single - Deck.....	1,130.63	306.91
11 21 63 00-0022	LF		Meat Case, Multi - Deck.....	1,223.59	306.91
11 21 63 00-0023	Produce Case <small>(11 21 63)</small>				
11 21 63 00-0024	LF		Single Deck Produce Case.....	1,174.78	306.91
11 21 63 00-0025	LF		Multi-Deck Produce Case.....	1,294.03	306.91
11 21 63 00-0026	Bottle Coolers <small>(11 21 63)</small>				
11 21 63 00-0027	EA		Bottle Cooler, 6' Long.....	4,334.25	1,023.05
11 21 63 00-0028	EA		Bottle Cooler, 10' Long.....	6,579.68	1,534.57
11 21 63 00-0029	Cold Pan Units <small>(11 21 63)</small>				
11 21 63 00-0030	EA		5" x 48", Iced, Cold Pan Units.....	2,586.13	81.60
11 21 63 00-0031	EA		5" x 72", Iced, Cold Pan Units.....	3,593.18	114.16
11 21 63 00-0032	EA		8" x 72", Iced, Cold Pan Units.....	4,248.45	135.01
11 21 63 00-0033	EA		5" x 48", Mechanical, Cold Pan Units.....	4,367.70	139.49
11 21 63 00-0034	EA		8" x 48", Mechanical, Cold Pan Units.....	4,753.52	150.59
11 21 63 00-0035	EA		8" x 72", Mechanical, Cold Pan Units.....	5,648.00	177.95
11 21 63 00-0036	Cold Cabinets (Insulated) <small>(11 21 63)</small>				
11 21 63 00-0037	EA		69-3/4" x 32" x 24", Insulated Cold Cabinet.....	2,347.58	70.61
11 28	Office Equipment <small>(11 20)</small>				
11 28 13	Computers <small>(11 28)</small>				
11 28 13 00-0001	Accessories <small>(11 28 13)</small>				
11 28 13 00-0002	EA		32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020).....	704.56	52.49
11 28 13 00-0003	EA		32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020).....	861.23	57.74
11 28 13 00-0004	EA		32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020).....	1,114.96	62.99
11 28 13 00-0005	EA		32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020).....	1,205.81	68.24
11 28 13 00-0006	EA		32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020).....	894.30	57.74
11 28 13 00-0007	EA		32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020).....	931.70	57.74
11 28 13 00-0008	EA		32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020).....	1,315.20	73.49
11 28 13 00-0009	EA		32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020).....	1,395.56	73.49
11 28 13 00-0010	EA		25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026).....	749.23	57.74
11 28 13 00-0011	EA		37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2).....	234.89	57.74
11 28 13 00-0012	EA		32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P).....	179.02	57.74
11 30	Residential Equipment <small>(11)</small>				
11 32	Unit Kitchens <small>(11 30)</small>				
11 32 13	Metal Unit Kitchens <small>(11 32)</small>				
Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.					
11 32 13 00-0001	30" Compact Kitchen <small>(11 32 13)</small>				
11 32 13 00-0002	EA		30" Compact Unit Kitchen With Refrigerator, Range And Sink.....	2,653.67	511.36
			<i>For Gas Unit, Add</i>	295.78	
11 32 13 00-0003	EA		30" Compact Unit Kitchen With Refrigerator And Sink.....	2,292.64	357.95
11 32 13 00-0004	EA		30" Compact Unit Kitchen With Refrigerator And Range.....	2,107.38	306.82
11 32 13 00-0005	EA		30" Compact Unit Kitchen Cabinet For Upper Wall Section.....	635.88	303.94
11 32 13 00-0006	EA		30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,344.37	202.63
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 32 13 00-0007	EA		30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	81.06	14.67
11 32 13 00-0008	EA		30" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	71.87	14.67
11 32 13 00-0009	42" Compact Kitchen <small>(11 32 13)</small>				
11 32 13 00-0010	EA		42" Compact Unit Kitchen With Refrigerator, Range And Sink.....	3,105.59	562.50
			<i>For Gas Unit, Add</i>	353.34	
11 32 13 00-0011	EA		42" Compact Unit Kitchen With Refrigerator And Sink.....	2,823.61	460.23
11 32 13 00-0012	EA		42" Compact Unit Kitchen Cabinet For Upper Wall Section.....	814.71	172.23
11 32 13 00-0013	EA		42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,562.39	227.96
			<i>For Range Hood In Upper Section, Add</i>	179.00	

11 Equipment**11 30 Residential Equipment****11 32 Unit Kitchens**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	99.09	14.67
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	80.99	14.67
11 32 13 00-0016		54" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	4,225.68	715.91
		<i>For Gas Unit, Add</i>	490.67	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section.....	1,013.81	101.31
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,737.53	253.28
		<i>For Range Hood In Upper Section, Add</i>	179.00	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	116.10	14.67
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	83.77	14.67
11 32 13 00-0022		60" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink.....	4,438.60	767.04
		<i>For Gas Unit, Add</i>	512.38	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section.....	1,198.12	253.28
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	123.85	14.67
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	83.77	14.67
11 32 13 00-0027		72" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	4,762.16	818.18
		<i>For Gas Unit, Add</i>	550.69	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section.....	1,465.40	303.94
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	145.27	18.34
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	87.09	18.34

11 40 Foodservice Equipment (11)**11 41 Foodservice Storage Equipment** (11 40)**11 41 13 Refrigerated Food Storage Cases** (11 41)**11 41 13 00-0001 Frozen Food Cases** (11 41 13)

11 41 13 00-0002	LF	Chest Type Frozen Food Case.....	1,166.98	306.91
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door).....	2,173.57	306.91
11 41 13 00-0004	LF	Island Type Frozen Food Case.....	1,342.10	306.91
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	2,088.82	306.91

11 41 13 00-0006 Reach-In Refrigeration (11 41 13)**11 41 13 00-0007 Reach-In Refrigerators** (11 41 13 00-0006)

11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	4,069.94	147.39
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	5,014.15	185.89
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	6,689.61	205.37
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,515.32	147.39
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,570.85	185.89
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	6,060.65	205.37
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator.....	4,882.38	147.39
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator.....	6,601.48	185.89
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator.....	4,748.73	147.39
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator.....	6,830.66	185.89

11 41 13 00-0018 Reach-In Freezers (11 41 13 00-0006)

11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer.....	4,573.76	147.56
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer.....	6,062.62	185.62

11 41 23 Walk-In-Coolers (11 41)**11 41 23 00-0001 Walk-In Refrigerated Boxes** (11 41 23)

Note: Overall heights include 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor (11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,497.53	1,224.69
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,466.08	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,924.35	1,377.78
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,771.83	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,480.30	1,530.87
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,859.79	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,763.66	1,837.04
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,078.90	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0007	EA			6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	12,426.27 -2,392.55	2,143.21
11 41 23 00-0008	EA			6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	13,769.93 -2,625.88	2,449.39
11 41 23 00-0009	EA			6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,090.88 -2,854.20	2,755.55
11 41 23 00-0010	EA			8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	9,839.51 -1,949.59	1,530.87
11 41 23 00-0011	EA			8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	10,771.98 -2,131.83	1,683.95
11 41 23 00-0012	EA			8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	12,176.41 -2,380.43	1,990.13
11 41 23 00-0013	EA			8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	13,987.65 -2,731.48	2,296.30
11 41 23 00-0014	EA			8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,412.24 -2,985.88	2,602.47
11 41 23 00-0015	EA			8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	16,880.00 -3,250.28	2,908.65
11 41 23 00-0016	EA			8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	18,302.85 -3,504.68	3,214.82
11 41 23 00-0017	EA			8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,766.98 -3,767.77	3,520.99
11 41 23 00-0018	EA			8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,196.80 -4,023.48	3,827.16
11 41 23 00-0019				Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0020	EA			10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	12,181.54 -2,433.37	1,837.04
11 41 23 00-0021	EA			10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	13,704.05 -2,711.99	2,143.21
11 41 23 00-0022	EA			10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,288.94 -3,005.63	2,449.39
11 41 23 00-0023	EA			10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	16,791.08 -3,279.25	2,755.55
11 41 23 00-0024	EA			10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	18,395.52 -3,579.21	3,061.73
11 41 23 00-0025	EA			10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,899.79 -3,851.51	3,367.91
11 41 23 00-0026	EA			10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,508.36 -4,153.05	3,674.08
11 41 23 00-0027	EA			10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,003.59 -4,425.09	3,980.25
11 41 23 00-0028	EA			10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	24,612.38 -4,725.05	4,286.42
11 41 23 00-0029	EA			10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	26,118.14 -4,998.67	4,592.60
11 41 23 00-0030	EA			10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	27,929.58 -5,298.89	5,051.86
11 41 23 00-0031	EA			10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	29,620.14 -5,570.93	5,511.12
11 41 23 00-0032	EA			12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,109.52 -3,011.95	2,296.30
11 41 23 00-0033	EA			12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	16,850.13 -3,345.35	2,602.47
11 41 23 00-0034	EA			12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	18,460.11 -3,645.31	2,908.65
11 41 23 00-0035	EA			12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	20,192.66 -3,977.13	3,214.82

11	11 Equipment	
	11 40 Foodservice Equipment	
	11 41 Foodservice Storage Equipment	



MINOR		CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
11 41 23 00-0036	EA			12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,810.58	3,520.99
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,278.67	
11 41 23 00-0037	EA			12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,543.79	3,827.16
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,610.23	
11 41 23 00-0038	EA			12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,147.45	4,133.34
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,910.19	
11 41 23 00-0039	EA			12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,892.64	4,439.51
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,243.59	
11 41 23 00-0040	EA			12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,606.39	4,822.23
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,543.55	
11 41 23 00-0041	EA			12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,545.33	5,281.49
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,875.37	
11 41 23 00-0042	EA			12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,361.94	5,740.75
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,176.90	
11 41 23 00-0043	EA			12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,293.92	6,200.01
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,508.46	
11 41 23 00-0044	EA			12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,099.69	6,659.27
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,808.42	
11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small>						
Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.						
11 41 23 00-0046	EA			14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,816.46	2,755.55
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,035.60	
11 41 23 00-0047	EA			14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,743.24	3,061.73
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,416.14	
11 41 23 00-0048	EA			14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,822.67	3,367.91
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,832.23	
11 41 23 00-0049	EA			14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,748.31	3,674.08
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,213.04	
11 41 23 00-0050	EA			14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,813.44	3,980.25
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,627.55	
11 41 23 00-0051	EA			14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,751.95	4,286.42
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,009.94	
11 41 23 00-0052	EA			14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,821.28	4,592.60
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,424.46	
11 41 23 00-0053	EA			14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,955.06	5,051.86
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,805.26	
11 41 23 00-0054	EA			14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,221.83	5,511.12
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,221.36	
11 41 23 00-0055	EA			14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,380.85	5,970.38
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,601.90	
11 41 23 00-0056	EA			14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,634.98	6,429.64
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,016.68	
11 41 23 00-0057	EA			14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,780.39	6,812.36
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,398.80	
11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small>						
Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.						
11 41 23 00-0059	EA			16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,733.16	3,214.82
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,862.26	
11 41 23 00-0060	EA			16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,945.20	3,520.99
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,312.32	
11 41 23 00-0061	EA			16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,087.12	3,827.16
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,746.06	
11 41 23 00-0062	EA			16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,297.54	4,133.34
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,197.71	
11 41 23 00-0063	EA			16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,444.08	4,439.51
				<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,631.45	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,758.27	4,822.23
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,081.52	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,111.20	5,281.49
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,516.84	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,521.94	5,740.75
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,966.90	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,862.64	6,200.01
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,400.64	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,275.17	6,659.27
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,852.29	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,743.46	3,674.08
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,711.83	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,008.74	3,980.25
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,176.38	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,388.62	4,286.42
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,669.11	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,652.83	4,592.60
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,132.34	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,239.58	5,051.86
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,626.39	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,694.90	5,511.12
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,089.62	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,302.68	5,970.38
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,582.36	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,755.90	6,429.64
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,046.91	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,343.74	6,888.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,539.64	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,995.38	7,450.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,002.87	
11 41 23 00-0079		Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
		Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,878.86	1,224.69
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,561.41	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,071.83	1,377.78
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,808.70	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,964.86	1,530.87
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,980.93	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,319.86	1,837.04
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,217.95	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,014.07	2,143.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,539.50	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,429.36	2,449.39
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,790.73	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,781.92	2,755.55
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,026.96	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,364.10	1,530.87
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,080.74	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,328.18	1,683.95
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,270.88	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,804.24	1,990.13
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,537.39	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,647.08	2,296.30
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,896.34	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,143.30	2,602.47
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,168.64	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,642.67	2,908.65
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,440.95	

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
11 41 23 00-0093	EA 8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,137.15 -3,713.25	3,214.82
11 41 23 00-0094	EA 8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	20,632.87 -3,984.24	3,520.99
11 41 23 00-0095	EA 8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	22,134.33 -4,257.86	3,827.16
11 41 23 00-0096	Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0097	EA 10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	12,769.34 -2,580.32	1,837.04
11 41 23 00-0098	EA 10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	14,363.49 -2,876.85	2,143.21
11 41 23 00-0099	EA 10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,979.97 -3,178.39	2,449.39
11 41 23 00-0100	EA 10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	17,553.74 -3,469.92	2,755.55
11 41 23 00-0101	EA 10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,189.78 -3,777.77	3,061.73
11 41 23 00-0102	EA 10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	20,765.69 -4,067.99	3,367.91
11 41 23 00-0103	EA 10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	22,405.86 -4,377.43	3,674.08
11 41 23 00-0104	EA 10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,972.73 -4,667.38	3,980.25
11 41 23 00-0105	EA 10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	25,613.12 -4,975.23	4,286.42
11 41 23 00-0106	EA 10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	27,190.51 -5,266.76	4,592.60
11 41 23 00-0107	EA 10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	29,033.55 -5,574.88	5,051.86
11 41 23 00-0108	EA 10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	30,795.74 -5,864.83	5,434.57
11 41 23 00-0109	EA 12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,840.59 -3,194.72	2,296.30
11 41 23 00-0110	EA 12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	17,612.80 -3,536.02	2,602.47
11 41 23 00-0111	EA 12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,294.41 -3,853.88	2,908.65
11 41 23 00-0112	EA 12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,058.56 -4,193.61	3,214.82
11 41 23 00-0113	EA 12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	22,748.11 -4,513.05	3,520.99
11 41 23 00-0114	EA 12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	24,512.92 -4,852.51	3,827.16
11 41 23 00-0115	EA 12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	26,188.21 -5,170.38	4,133.34
11 41 23 00-0116	EA 12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	27,965.00 -5,511.68	4,439.51
11 41 23 00-0117	EA 12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	29,750.38 -5,829.54	4,822.23
11 41 23 00-0118	EA 12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	31,720.93 -6,169.27	5,281.49
11 41 23 00-0119	EA 12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	33,609.18 -6,488.71	5,740.75
11 41 23 00-0120	EA 12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	35,572.75 -6,828.17	6,200.01
11 41 23 00-0121	EA 12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	37,450.15 -7,146.04	6,659.27

	Equipment	11
	Foodservice Equipment	11 40
	Foodservice Storage Equipment	11 41
MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

11 41 23 00-0122	Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
	Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0123	EA 14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,610.73	2,755.55
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,234.16	
11 41 23 00-0124	EA 14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,609.14	3,061.73
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,632.61	
11 41 23 00-0125	EA 14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,720.17	3,367.91
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,056.61	
11 41 23 00-0126	EA 14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,717.44	3,674.08
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,455.32	
11 41 23 00-0127	EA 14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,814.18	3,980.25
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,877.74	
11 41 23 00-0128	EA 14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,824.31	4,286.42
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,278.03	
11 41 23 00-0129	EA 14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,925.24	4,592.60
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,700.45	
11 41 23 00-0130	EA 14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,130.66	5,051.86
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,099.16	
11 41 23 00-0131	EA 14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,429.03	5,511.12
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,523.16	
11 41 23 00-0132	EA 14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,659.68	5,970.38
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,921.61	
11 41 23 00-0133	EA 14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,945.42	6,429.64
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,344.29	
11 41 23 00-0134	EA 14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,162.46	6,888.89
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,744.32	
11 41 23 00-0135	Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
	Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136	EA 16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,670.69	3,214.82
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,096.64	
11 41 23 00-0137	EA 16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,914.33	3,520.99
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,554.61	
11 41 23 00-0138	EA 16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,127.89	3,827.16
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,006.25	
11 41 23 00-0139	EA 16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,369.91	4,133.34
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,465.80	
11 41 23 00-0140	EA 16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,588.08	4,439.51
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,917.45	
11 41 23 00-0141	EA 16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,933.87	4,822.23
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,375.42	
11 41 23 00-0142	EA 16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,358.43	5,281.49
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,828.64	
11 41 23 00-0143	EA 16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,800.77	5,740.75
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,286.61	
11 41 23 00-0144	EA 16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,213.10	6,200.01
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,738.26	
11 41 23 00-0145	EA 16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,657.23	6,659.27
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,197.81	
11 41 23 00-0146	EA 18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,744.20	3,674.08
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,962.01	
11 41 23 00-0147	EA 18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,081.10	3,980.25
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,444.47	
11 41 23 00-0148	EA 18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,492.59	4,286.42
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,945.10	
11 41 23 00-0149	EA 18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,828.43	4,592.60
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,426.24	

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,446.78		5,051.86
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,928.19		
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,973.74		5,511.12
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,409.33		
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,613.11		5,970.38
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,909.96		
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,137.97		6,429.64
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,392.42		
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	48,757.41		6,888.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,893.05		
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,480.68		7,450.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,374.20		
11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons (11 41 23 00-0001)					
11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.45		
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	0.83		
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.16		
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	8.22		
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	10.74		
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	1.33		
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	3.26		
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	4.21		
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	4.42		
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.93		
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.48		
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.43		
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor.....	5.64		
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	18.28		
11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers (11 41 23)					
11 41 23 00-0172 Medium Temperature Hermetic System, Indoor (11 41 23 00-0171)					
Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.					
11 41 23 00-0173 208/230 Volt, 1 Phase (11 41 23 00-0172)					
Note: Pre-Assembled indoor R404a.					
11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,009.83		141.26
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,185.14		164.81
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,669.42		188.35
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,961.30		211.90
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,364.72		235.44
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,912.79		282.52
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,652.36		329.61
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,145.75		376.70
11 41 23 00-0182 208/230 Volt, 3 Phase (11 41 23 00-0172)					
Note: Pre-Assembled indoor R404a.					
11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,674.52		188.35
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,961.30		211.90
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,410.63		235.44
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,858.15		282.52
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,652.36		329.61
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,082.36		376.70
11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor (11 41 23 00-0171)					
Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.					
11 41 23 00-0190 208/230 Volt, 1 Phase (11 41 23 00-0189)					
Note: Pre-Assembled outdoor R404a.					
11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,221.14		141.26
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,549.46		164.81
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,092.76		188.35
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,269.51		211.90
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,585.50		235.44
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,227.57		282.52
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,972.24		329.61
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,467.81		376.70
11 41 23 00-0199 208/230 Volt, 3 Phase (11 41 23 00-0189)					
Note: Pre-Assembled outdoor R404a.					
11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,065.80		188.35
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,280.44		211.90
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,642.33		235.44

Equipment	11
Foodservice Equipment	11 40
Foodservice Storage Equipment	11 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0203	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,173.65	282.52
11 41 23 00-0204	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,989.00	329.61
11 41 23 00-0205	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,400.77	376.70
11 41 23 00-0206			Low Temperature Hermetic System, Indoor ^(11 41 23 00-0171) Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207			208/230 Volt, 1 Phase ^(11 41 23 00-0206) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA		1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	282.53	141.26
11 41 23 00-0209	EA		3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,545.09	164.81
11 41 23 00-0210	EA		1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,720.43	188.35
11 41 23 00-0211	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,977.33	211.90
11 41 23 00-0212	EA		2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,329.02	235.44
11 41 23 00-0213	EA		3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,113.17	282.52
11 41 23 00-0214			208/230 Volt, 3 Phase ^(11 41 23 00-0206) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA		1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,725.53	188.35
11 41 23 00-0216	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,977.33	211.90
11 41 23 00-0217	EA		2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,376.38	235.44
11 41 23 00-0218	EA		3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,060.71	282.52
11 41 23 00-0219			Low Temperature Hermetic System, Outdoor ^(11 41 23 00-0171) Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220			208/230 Volt, 1 Phase ^(11 41 23 00-0219) Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA		1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,785.83	141.26
11 41 23 00-0222	EA		3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,849.66	164.81
11 41 23 00-0223	EA		1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,062.89	188.35
11 41 23 00-0224	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,406.50	211.90
11 41 23 00-0225	EA		2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,809.19	235.44
11 41 23 00-0226	EA		3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,419.20	282.52
11 41 23 00-0227			208/230 Volt, 3 Phase ^(11 41 23 00-0219) Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA		1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,194.77	188.35
11 41 23 00-0229	EA		1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,471.35	211.90
11 41 23 00-0230	EA		2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,861.65	235.44
11 41 23 00-0231	EA		3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,366.01	282.52
11 41 23 00-0232			Medium Temperature Semi-Hermetic System, Indoor ^(11 41 23 00-0171) Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233			208/230 Volt, 1 Phase ^(11 41 23 00-0232) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,890.20	188.35
11 41 23 00-0235	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,885.74	376.70
11 41 23 00-0236			208/230 Volt, 3 Phase ^(11 41 23 00-0232) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,893.12	188.35
11 41 23 00-0238	EA		2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,376.07	235.44
11 41 23 00-0239	EA		3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,707.44	282.52
11 41 23 00-0240	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,766.97	376.70
11 41 23 00-0241			Medium Temperature Semi-Hermetic System, Outdoor ^(11 41 23 00-0171) Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242			208/230 Volt, 1 Phase ^(11 41 23 00-0241) Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,257.44	188.35
11 41 23 00-0244	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,471.99	376.70
11 41 23 00-0245			208/230 Volt, 3 Phase ^(11 41 23 00-0241) Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,264.72	188.35

11	11 Equipment
	11 40 Foodservice Equipment
	11 41 Foodservice Storage Equipment



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,039.44		235.44
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,232.06		282.52
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,474.48		376.70
11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.			
11 41 23 00-0251		208/230 Volt, 1 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.			
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,968.43		164.81
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,244.32		188.35
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,977.02		211.90
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,762.25		235.44
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,279.42		282.52
11 41 23 00-0257		208/230 Volt, 3 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.			
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,948.03		164.81
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,241.41		188.35
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,949.33		211.90
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,714.16		235.44
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,023.66		282.52
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,795.72		329.61
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,360.62		423.78
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	14,889.80		494.42
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.			
11 41 23 00-0267		208/230 Volt, 1 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.			
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,364.08		164.81
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,580.95		188.35
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,327.50		211.90
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,117.83		235.44
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,659.04		282.52
11 41 23 00-0273		208/230 Volt, 3 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.			
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,299.96		164.81
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,583.87		188.35
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,316.57		211.90
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,063.91		235.44
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,428.06		282.52
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,798.33		329.61
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,427.35		423.78
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	16,041.06		494.42
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories <small>(11 41 23)</small> See CSI section 08 71 00 00-0000 for additional door accessories.			
11 41 23 00-0283		Accessories <small>(11 41 23 00-0282)</small>			
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door.....	627.82		
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.			
11 41 23 00-0285	EA	Super Door Package, For 48" Door.....	826.91		
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.			
11 41 23 00-0286	EA	Super Door Package, For 60" Door.....	826.91		
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.			
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated.....	911.53		
11 41 23 00-0288	EA	Heated Air Vent, Kason.....	358.49		
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC).....	785.12		
11 41 23 00-0290	EA	Interior Ramps For 36" Or 42" Wide Doors.....	1,102.79		
11 41 23 00-0291	EA	Interior Ramps For 48" Wide Doors.....	1,202.87		
11 41 23 00-0292	EA	Interior Ramps For 60" Wide Doors.....	1,318.74		
11 41 23 00-0293	EA	Exterior Ramps For 36" Or 42" Wide Doors.....	464.43		
11 41 23 00-0294	EA	Exterior Ramps For 48" Wide Doors.....	826.80		
11 41 23 00-0295	EA	Exterior Ramps For 60" Wide Doors.....	826.80		
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights.....	121.85		
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes.....	497.91		
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted).....	1,077.28		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0299	EA		Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,131.01	
11 41 23 00-0300	EA		Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	550.58	
11 41 23 00-0301	EA		Locking Devices, 36" Or 42" Wide Locking Bar	319.89	
11 41 23 00-0302	EA		Locking Devices, 48" Wide Locking Bar	362.02	
11 41 23 00-0303	EA		Locking Devices, 60" Wide Locking Bar	362.02	
11 41 23 00-0304	EA		Locking Devices, Mortise Dead Bolt (Cooler)	627.48	
11 41 23 00-0305	EA		Locking Devices, Mortise Dead Bolt (Freezer)	766.53	
11 41 23 00-0306	EA		Blast Freezer Kit, For 36" Or 42" Wide Doors	1,233.42	
11 41 23 00-0307	EA		Blast Freezer Kit, For 48" Wide Doors	1,300.83	
11 41 23 00-0308	EA		Blast Freezer Kit, For 60" Wide Doors	1,336.65	
11 41 23 00-0309	EA		Hardware Options, Polished For 36" Or 42" Door	57.94	
11 41 23 00-0310	EA		Hardware Options, Polished For 48" Or 60" Door	47.40	
11 41 23 00-0311	EA		Hardware Options, Chrome For 36" Or 42" Door	146.42	
11 41 23 00-0312	EA		Hardware Options, Chrome For 48" Or 60" Door	79.01	
11 41 23 00-0313	EA		Hardware Options, Positive Latch, 36" Or 42" Door	194.05	
11 41 23 00-0314	EA		Hardware Options, Strap Hinges, 36" Or 42" Door	143.49	
11 41 23 00-0315	EA		4" Screenshot Door	402.74	
11 41 23 00-0316	EA		Doors Cut For Tile	478.58	
11 41 23 00-0317	EA		84" High Doors (36" Wide)	478.58	
11 41 23 00-0318	EA		Doors Raised Or Lowered In Panel	1,035.83	
11 41 23 00-0319	EA		57-1/2" Door Section	321.62	
11 41 23 00-0320	EA		3 Way, Interior And Exterior, Light Switches	261.95	
11 41 23 00-0321	EA		3 Way (1 Side Only) Light Switch	133.53	
11 41 23 00-0322	EA		Structural Support, 5" Reinforcing Ceilings (Every 23")	235.37	
11 41 23 00-0323	EA		Structural Support, 6" Reinforcing Ceilings (Every 23")	294.36	
11 41 23 00-0324	LF		Structural Support, Self-Supporting Standard Angle	31.89	
11 41 23 00-0325	LF		Structural Support, Self-Supporting 6" Channel	40.58	
11 41 23 00-0326	LF		Structural Support, Self-Supporting 8" Channel	57.70	
11 41 23 00-0327	LF		Structural Support, Self-Supporting 10" Channel	90.62	
11 41 23 00-0328	LF		Structural Support, Suspended Ceiling Support	17.64	
11 41 23 00-0329	LF		Factory Prepared Opening, Foam Cut Opening	6.32	
11 41 23 00-0330	LF		Factory Prepared Opening, Metal Capped Opening	18.43	
11 41 23 00-0331	LF		Factory Prepared Opening, Wood Framed Opening	18.11	
11 41 23 00-0332	LF		Factory Prepared Opening, Metal Capped Wood Framed Opening	28.44	
11 41 23 00-0333	LF		Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	38.56	
11 41 23 00-0334	SF		Outdoor Weather Roofs, Aluminum Roof Caps	23.89	
11 41 23 00-0335	SF		Outdoor Weather Roofs, Membrane Roof Caps	5.79	
11 41 23 00-0336	SF		Outdoor Weather Roofs, Painted Aluminum Roofs	29.67	
11 41 23 00-0337	SF		1/8" Aluminum Tread Plate	60.50	
11 41 23 00-0338	SF		3/16" Aluminum Tread Plate	73.07	
11 41 23 00-0339	EA		Digitemp Display Thermometer (Indoor Exterior Wall)	248.35	
11 41 23 00-0340	EA		4-1/2" Dial Type Thermometer With 5" Cap Tube	224.12	
11 41 23 00-0341	EA		6" Dial Type Thermometer With 5" Cap Tube	699.21	
11 41 23 00-0342	EA		2" Dial Type Thermometer (Standard)	85.07	
11 41 23 00-0343	LF		Extra Capillary Tubing	9.57	

11 41 23 00-0344

Partition Wall For Walk-In Refrigerated Boxes (11 41 23 00-0282)

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA		5'-10" Length Partition Wall, 7'-2"/7'-6" High	2,499.61	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	119.88	
11 41 23 00-0346	EA		6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High	2,721.70	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	130.73	
11 41 23 00-0347	EA		7'-9" Length Partition Wall, 7'-2"/7'-6" High	2,800.55	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	134.41	
11 41 23 00-0348	EA		8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,026.87	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	145.48	
11 41 23 00-0349	EA		9'-8" Length Partition Wall, 7'-2"/7'-6" High	2,966.66	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	142.21	
11 41 23 00-0350	EA		10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,187.71	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	153.01	
11 41 23 00-0351	EA		11'-7" Length Partition Wall, 7'-2"/7'-6" High	3,256.03	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	156.17	
11 41 23 00-0352	EA		12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,569.77	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	171.60	
11 41 23 00-0353	EA		13'-6" Length Partition Wall, 7'-2"/7'-6" High	3,433.72	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	164.54	
11 41 23 00-0354	EA		14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,655.83	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	175.39	
11 41 23 00-0355	EA		15'-5" Length Partition Wall, 7'-2"/7'-6" High	3,739.92	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	179.34	
11 41 23 00-0356	EA		16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High	3,963.09	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	190.25	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,560.32 219.85
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	2,725.04 131.15
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	2,913.42 140.31
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,005.96 144.69
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,256.52 156.96
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,183.66 153.06
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,433.15 165.28
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,526.75 169.70
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,776.24 181.92
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,703.39 178.03
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	3,952.89 190.25
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,046.46 194.67
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,295.96 206.89
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	4,223.10 202.99

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes (11 41 23 00-0282)

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,046.03
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,142.94
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,152.43
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,274.62
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,398.92
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,487.41
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,492.67
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,737.06
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	1,422.10
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	1,761.29
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	1,880.33
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	1,920.36
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	2,165.80
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	2,403.87
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	2,448.11
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	2,611.39
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	1,122.93
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,182.97
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,590.64
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,364.16
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	1,514.80
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,585.37
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,590.64
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,894.02

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes (11 41 23 00-0282)

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	401.00 402.00
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	422.94 402.00
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	470.19 402.00
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	496.36 402.00
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	540.28 402.00
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	460.87 402.00
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	473.35 402.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0404	EA		18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	521.64 402.00	
11 41 23 00-0405	EA		18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	545.70 402.00	
11 41 23 00-0406	EA		18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	622.27 402.00	
11 41 23 00-0407	EA		21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	501.79 402.00	
11 41 23 00-0408	EA		21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	509.00 402.00	
11 41 23 00-0409	EA		21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	578.36 402.00	
11 41 23 00-0410	EA		21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	583.47 402.00	
11 41 23 00-0411	EA		21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	670.56 402.00	
11 41 23 00-0412	EA		14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	346.22 402.00	
11 41 23 00-0413	EA		14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	363.95 402.00	
11 41 23 00-0414	EA		14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	398.56 402.00	
11 41 23 00-0415	EA		14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	407.87 402.00	
11 41 23 00-0416	EA		14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	464.43 402.00	
11 41 23 00-0417	EA		18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	380.81 402.00	
11 41 23 00-0418	EA		18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	408.04 402.00	
11 41 23 00-0419	EA		18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	432.10 402.00	
11 41 23 00-0420	EA		18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	439.31 402.00	
11 41 23 00-0421	EA		18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	515.87 402.00	
11 41 23 00-0422	EA		21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	417.52 402.00	
11 41 23 00-0423	EA		21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	434.21 402.00	
11 41 23 00-0424	EA		21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	465.64 402.00	
11 41 23 00-0425	EA		21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	483.39 402.00	
11 41 23 00-0426	EA		21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	562.06 402.00	
11 41 23 00-0427	EA		14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,721.75 402.00	
11 41 23 00-0428	EA		14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,920.78 402.00	
11 41 23 00-0429	EA		14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,959.33 402.00	
11 41 23 00-0430	EA		14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,997.87 402.00	
11 41 23 00-0431	EA		14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,416.04 402.00	
11 41 23 00-0432	EA		18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,807.09 402.00	
11 41 23 00-0433	EA		18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,919.21 402.00	
11 41 23 00-0434	EA		18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,124.94 402.00	
11 41 23 00-0435	EA		18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,210.29 402.00	
11 41 23 00-0436	EA		18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,702.02 402.00	
11 41 23 00-0437	EA		21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,952.65 402.00	
11 41 23 00-0438	EA		21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,131.63 402.00	
11 41 23 00-0439	EA		21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,337.36 402.00	
11 41 23 00-0440	EA		21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,422.73 402.00	
11 41 23 00-0441	EA		21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	3,074.96 402.00	
11 41 23 00-0442	EA		14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	473.18 472.00	
11 41 23 00-0443	EA		14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	509.88 472.00	
11 41 23 00-0444	EA		14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	551.86 472.00	
11 41 23 00-0445	EA		14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	590.66 472.00	
11 41 23 00-0446	EA		14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	640.91 472.00	
11 41 23 00-0447	EA		18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	557.29 472.00	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
11 41 23 00-0448	EA 18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	571.88 472.00	
11 41 23 00-0449	EA 18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	629.64 472.00	
11 41 23 00-0450	EA 18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	660.03 472.00	
11 41 23 00-0451	EA 18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	752.41 472.00	
11 41 23 00-0452	EA 21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	606.64 472.00	
11 41 23 00-0453	EA 21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	626.48 472.00	
11 41 23 00-0454	EA 21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	691.63 472.00	
11 41 23 00-0455	EA 21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	707.28 472.00	
11 41 23 00-0456	EA 21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	810.18 472.00	
11 41 23 00-0457	EA 14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	406.82 472.00	
11 41 23 00-0458	EA 14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	427.72 472.00	
11 41 23 00-0459	EA 14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	469.70 472.00	
11 41 23 00-0460	EA 14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	480.06 472.00	
11 41 23 00-0461	EA 14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	548.21 472.00	
11 41 23 00-0462	EA 18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	458.27 472.00	
11 41 23 00-0463	EA 18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	489.71 472.00	
11 41 23 00-0464	EA 18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	555.90 472.00	
11 41 23 00-0465	EA 18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	552.58 472.00	
11 41 23 00-0466	EA 18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	617.57 472.00	
11 41 23 00-0467	EA 21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	502.35 472.00	
11 41 23 00-0468	EA 21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	522.19 472.00	
11 41 23 00-0469	EA 21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	561.01 472.00	
11 41 23 00-0470	EA 21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	580.87 472.00	
11 41 23 00-0471	EA 21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	677.45 472.00	
11 41 23 00-0472	EA 14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,101.53 472.00	
11 41 23 00-0473	EA 14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,349.07 472.00	
11 41 23 00-0474	EA 14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,395.98 472.00	
11 41 23 00-0475	EA 14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,442.86 472.00	
11 41 23 00-0476	EA 14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,963.03 472.00	
11 41 23 00-0477	EA 18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,206.95 472.00	
11 41 23 00-0478	EA 18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,345.82 472.00	
11 41 23 00-0479	EA 18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,601.70 472.00	
11 41 23 00-0480	EA 18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,707.13 472.00	
11 41 23 00-0481	EA 18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,319.24 472.00	
11 41 23 00-0482	EA 21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,387.62 472.00	
11 41 23 00-0483	EA 21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,610.06 472.00	
11 41 23 00-0484	EA 21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,865.96 472.00	
11 41 23 00-0485	EA 21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,971.39 472.00	
11 41 23 00-0486	EA 21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,784.12 472.00	

11 41 31 Non-Refrigerated Storage Equipment (11 41)

11 41 31 00-0001 Wall Cabinets (11 41 31)			
11 41 31 00-0002	EA 48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	1,818.16	79.13
11 41 31 00-0003	EA 72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,399.00	104.46
11 41 31 00-0004	EA 72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	2,753.52	119.75

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves..... Note: 15" deep and 24" high.	1,762.19	76.39
11 41 31 00-0006	Mobile Sheet Pan Truck (11 41 31)			
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck.....	169.03	6.41
11 41 31 00-0008	Pot And Utensil Rack (11 41 31)			
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack.....	493.35	19.54
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack.....	571.62	22.08
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack.....	679.63	26.45
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack.....	369.62	14.45
11 41 31 00-0013	Tray And Silverware Cart (11 41 31)			
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	1,705.93	65.94
11 41 31 00-0015	Flat Top Utility Units (11 41 31)			
11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,163.14	45.07
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,558.65	60.24
11 41 33	Foodservice Shelving (11 41)			
11 41 33 00-0001	Shelving/Racks (11 41 33)			
11 41 33 00-0002	Chrome Shelving Units (11 41 33 00-0001)			
11 41 33 00-0003	54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)			
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	205.96	29.55
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	215.88	29.81
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	228.10	30.05
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	235.74	30.29
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	250.20	30.54
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	262.47	30.78
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	272.38	31.02
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	294.51	31.51
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	222.75	29.81
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	230.39	30.05
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	238.04	30.29
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	259.43	30.54
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	273.95	30.78
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	293.04	31.02
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	300.63	31.27
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	327.42	31.75
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	232.70	30.05
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	249.47	30.29
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	261.74	30.54
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	276.21	30.78
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	286.16	31.02
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	309.86	31.27
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	322.08	31.51
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	353.41	32.00
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	254.13	30.29
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	264.05	30.54
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	271.64	30.78
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	290.78	31.02
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	302.99	31.27
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	326.69	31.51
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	343.47	31.75
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	384.03	32.24
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	328.37	30.54
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	365.79	30.78
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	389.54	31.02
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	443.11	31.27
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	361.13	31.51
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	396.35	31.75
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	440.66	32.00
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	512.52	32.48
11 41 33 00-0044	63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)			
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	208.22	29.55
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	218.14	29.81
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	230.35	30.05
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	238.00	30.29
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	252.46	30.54
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	264.72	30.78
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	274.64	31.02
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	296.76	31.51
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	225.00	29.81
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	232.65	30.05
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	240.30	30.29

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR CSI UOM DESCRIPTION TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	261.68	30.54
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	276.21	30.78
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	295.29	31.02
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	302.89	31.27
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	307.36	31.75
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	234.96	30.05
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	251.73	30.29
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	263.99	30.54
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	278.46	30.78
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	288.42	31.02
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	312.11	31.27
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	324.34	31.51
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	355.67	32.00
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	256.40	30.29
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	266.30	30.54
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	273.90	30.78
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	293.04	31.02
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	305.25	31.27
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	328.94	31.51
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	345.71	31.75
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	386.29	32.24
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	330.61	30.54
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	368.05	30.78
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	391.79	31.02
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	445.36	31.27
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	363.38	31.51
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	398.60	31.75
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	442.95	32.00
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	514.77	32.48

11 41 33 00-0085 66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	209.39	29.55
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	219.31	29.81
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	231.52	30.05
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	239.17	30.29
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	253.64	30.54
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	265.90	30.78
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	275.82	31.02
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	297.93	31.51
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	226.19	29.81
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	233.83	30.05
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	241.48	30.29
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	262.87	30.54
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	277.38	30.78
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	296.46	31.02
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	304.07	31.27
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	330.86	31.75
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	236.14	30.05
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	252.91	30.29
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	265.17	30.54
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	279.63	30.78
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	289.60	31.02
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	313.29	31.27
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	325.51	31.51
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	356.85	32.00
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	257.57	30.29
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	267.47	30.54
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	275.08	30.78
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	294.22	31.02
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	306.42	31.27
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	330.13	31.51
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	346.89	31.75
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	387.47	32.24
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	331.79	30.54
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	369.22	30.78
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	392.98	31.02
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	446.54	31.27
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	364.56	31.51
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	399.78	31.75
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	444.11	32.00
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	515.95	32.48

11 41 33 00-0126 74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	212.82	29.55
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	222.75	29.81
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	234.96	30.05
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	242.61	30.29
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	257.08	30.54
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	269.33	30.78
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	279.25	31.02
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	301.37	31.51
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	229.62	29.81
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	237.27	30.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 33 00-0137	EA	18" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	244.92	30.29
11 41 33 00-0138	EA	18" x 42"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	266.30	30.54
11 41 33 00-0139	EA	18" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	280.81	30.78
11 41 33 00-0140	EA	18" x 54"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	299.90	31.02
11 41 33 00-0141	EA	18" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	307.51	31.27
11 41 33 00-0142	EA	18" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	334.28	31.75
11 41 33 00-0143	EA	21" x 24"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	239.57	30.05
11 41 33 00-0144	EA	21" x 30"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	256.35	30.29
11 41 33 00-0145	EA	21" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	268.60	30.54
11 41 33 00-0146	EA	21" x 42"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	283.07	30.78
11 41 33 00-0147	EA	21" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	293.04	31.02
11 41 33 00-0148	EA	21" x 54"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	316.72	31.27
11 41 33 00-0149	EA	21" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	328.94	31.51
11 41 33 00-0150	EA	21" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	360.29	32.00
11 41 33 00-0151	EA	24" x 24"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	261.01	30.29
11 41 33 00-0152	EA	24" x 30"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	270.91	30.54
11 41 33 00-0153	EA	24" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	278.51	30.78
11 41 33 00-0154	EA	24" x 42"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	297.64	31.02
11 41 33 00-0155	EA	24" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	309.86	31.27
11 41 33 00-0156	EA	24" x 54"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	333.55	31.51
11 41 33 00-0157	EA	24" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	350.33	31.75
11 41 33 00-0158	EA	24" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	390.90	32.24
11 41 33 00-0159	EA	30" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	335.23	30.54
11 41 33 00-0160	EA	30" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	372.66	30.78
11 41 33 00-0161	EA	30" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	396.40	31.02
11 41 33 00-0162	EA	30" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	449.98	31.27
11 41 33 00-0163	EA	36" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	368.00	31.51
11 41 33 00-0164	EA	36" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	403.22	31.75
11 41 33 00-0165	EA	36" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	447.56	32.00
11 41 33 00-0166	EA	36" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	519.39	32.48

11 41 33 00-0167 86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0168	EA	14" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	222.00	29.55
11 41 33 00-0169	EA	14" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	231.92	29.81
11 41 33 00-0170	EA	14" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	244.13	30.05
11 41 33 00-0171	EA	14" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	251.78	30.29
11 41 33 00-0172	EA	14" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	266.25	30.54
11 41 33 00-0173	EA	14" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	278.51	30.78
11 41 33 00-0174	EA	14" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	288.42	31.02
11 41 33 00-0175	EA	14" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	310.55	31.51
11 41 33 00-0176	EA	18" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	238.80	29.81
11 41 33 00-0177	EA	18" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	246.44	30.05
11 41 33 00-0178	EA	18" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	254.09	30.29
11 41 33 00-0179	EA	18" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	275.48	30.54
11 41 33 00-0180	EA	18" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	289.99	30.78
11 41 33 00-0181	EA	18" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	309.08	31.02
11 41 33 00-0182	EA	18" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	316.68	31.27
11 41 33 00-0183	EA	18" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	343.47	31.75
11 41 33 00-0184	EA	21" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	248.74	30.05
11 41 33 00-0185	EA	21" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	265.52	30.29
11 41 33 00-0186	EA	21" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	277.78	30.54
11 41 33 00-0187	EA	21" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	292.24	30.78
11 41 33 00-0188	EA	21" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	302.21	31.02
11 41 33 00-0189	EA	21" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	325.90	31.27
11 41 33 00-0190	EA	21" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	338.12	31.51
11 41 33 00-0191	EA	21" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	369.46	32.00
11 41 33 00-0192	EA	24" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	270.18	30.29
11 41 33 00-0193	EA	24" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	280.08	30.54
11 41 33 00-0194	EA	24" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	287.68	30.78
11 41 33 00-0195	EA	24" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	306.82	31.02
11 41 33 00-0196	EA	24" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	319.03	31.27
11 41 33 00-0197	EA	24" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	342.74	31.51
11 41 33 00-0198	EA	24" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	359.50	31.75
11 41 33 00-0199	EA	24" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	400.07	32.24
11 41 33 00-0200	EA	30" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	344.40	30.54
11 41 33 00-0201	EA	30" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	381.83	30.78
11 41 33 00-0202	EA	30" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	405.59	31.02
11 41 33 00-0203	EA	30" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	459.15	31.27
11 41 33 00-0204	EA	36" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	377.17	31.51
11 41 33 00-0205	EA	36" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	412.39	31.75
11 41 33 00-0206	EA	36" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	456.74	32.00
11 41 33 00-0207	EA	36" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	528.56	32.48

11 41 33 00-0208 96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0209	EA	14" x 24"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	255.89	29.55
11 41 33 00-0210	EA	14" x 30"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	268.10	29.81
11 41 33 00-0211	EA	14" x 36"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	283.19	30.05
11 41 33 00-0212	EA	14" x 42"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	292.56	30.29
11 41 33 00-0213	EA	14" x 48"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	310.47	30.54
11 41 33 00-0214	EA	14" x 54"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	325.61	30.78
11 41 33 00-0215	EA	14" x 60"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	337.82	31.02
11 41 33 00-0216	EA	14" x 72"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	365.11	31.51
11 41 33 00-0217	EA	18" x 24"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	276.69	29.81

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0218	EA		18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	286.07	30.05
11 41 33 00-0219	EA		18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	295.44	30.29
11 41 33 00-0220	EA		18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	321.99	30.54
11 41 33 00-0221	EA		18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	339.96	30.78
11 41 33 00-0222	EA		18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	363.64	31.02
11 41 33 00-0223	EA		18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	372.94	31.27
11 41 33 00-0224	EA		18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	406.06	31.75
11 41 33 00-0225	EA		21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	288.95	30.05
11 41 33 00-0226	EA		21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	309.74	30.29
11 41 33 00-0227	EA		21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	324.88	30.54
11 41 33 00-0228	EA		21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	342.77	30.78
11 41 33 00-0229	EA		21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	355.05	31.02
11 41 33 00-0230	EA		21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	384.48	31.27
11 41 33 00-0231	EA		21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	399.57	31.51
11 41 33 00-0232	EA		21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	438.38	32.00
11 41 33 00-0233	EA		24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	315.56	30.29
11 41 33 00-0234	EA		24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	327.76	30.54
11 41 33 00-0235	EA		24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	337.08	30.78
11 41 33 00-0236	EA		24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	360.82	31.02
11 41 33 00-0237	EA		24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	375.89	31.27
11 41 33 00-0238	EA		24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	405.33	31.51
11 41 33 00-0239	EA		24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	426.11	31.75
11 41 33 00-0240	EA		24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	476.46	32.24
11 41 33 00-0241	EA		30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	408.16	30.54
11 41 33 00-0242	EA		30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	454.76	30.78
11 41 33 00-0243	EA		30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	484.26	31.02
11 41 33 00-0244	EA		30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	551.04	31.27
11 41 33 00-0245	EA		36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	448.38	31.51
11 41 33 00-0246	EA		36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	492.23	31.75
11 41 33 00-0247	EA		36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	547.48	32.00
11 41 33 00-0248	EA		36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	636.88	32.48

11 41 33 00-0249 Galvanized Shelving Units (11 41 33 00-0001)

11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0251	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	228.87	29.55
11 41 33 00-0252	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	239.43	29.81
11 41 33 00-0253	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	252.47	30.05
11 41 33 00-0254	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	263.01	30.29
11 41 33 00-0255	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	278.52	30.54
11 41 33 00-0256	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	291.51	30.78
11 41 33 00-0257	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	304.56	31.02
11 41 33 00-0258	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	325.65	31.51
11 41 33 00-0259	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	246.79	29.81
11 41 33 00-0260	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	254.93	30.05
11 41 33 00-0261	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	270.38	30.29
11 41 33 00-0262	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	288.33	30.54
11 41 33 00-0263	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	303.82	30.78
11 41 33 00-0264	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	324.18	31.02
11 41 33 00-0265	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	339.69	31.27
11 41 33 00-0266	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	363.32	31.75
11 41 33 00-0267	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	257.38	30.05
11 41 33 00-0268	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	277.79	30.29
11 41 33 00-0269	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	290.78	30.54
11 41 33 00-0270	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	306.28	30.78
11 41 33 00-0271	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	316.83	31.02
11 41 33 00-0272	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	344.59	31.27
11 41 33 00-0273	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	357.65	31.51
11 41 33 00-0274	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	395.95	32.00
11 41 33 00-0275	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	282.69	30.29
11 41 33 00-0276	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	293.23	30.54
11 41 33 00-0277	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	301.38	30.78
11 41 33 00-0278	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	321.74	31.02
11 41 33 00-0279	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	344.59	31.27
11 41 33 00-0280	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	369.91	31.51
11 41 33 00-0281	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	390.32	31.75
11 41 33 00-0282	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	436.04	32.24

11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0284	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	233.77	29.55
11 41 33 00-0285	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	244.33	29.81
11 41 33 00-0286	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	257.38	30.05
11 41 33 00-0287	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	267.92	30.29
11 41 33 00-0288	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	283.42	30.54
11 41 33 00-0289	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	296.41	30.78
11 41 33 00-0290	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	309.47	31.02
11 41 33 00-0291	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	330.56	31.51
11 41 33 00-0292	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	251.70	29.81
11 41 33 00-0293	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	259.84	30.05
11 41 33 00-0294	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	275.28	30.29
11 41 33 00-0295	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	293.23	30.54
11 41 33 00-0296	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	308.73	30.78
11 41 33 00-0297	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	329.09	31.02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0298	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	344.59	31.27
11 41 33 00-0299	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	368.19	31.75
11 41 33 00-0300	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	262.28	30.05
11 41 33 00-0301	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	282.69	30.29
11 41 33 00-0302	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	295.68	30.54
11 41 33 00-0303	EA		21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	311.19	30.78
11 41 33 00-0304	EA		21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	321.74	31.02
11 41 33 00-0305	EA		21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	349.50	31.27
11 41 33 00-0306	EA		21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	362.56	31.51
11 41 33 00-0307	EA		21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	400.86	32.00
11 41 33 00-0308	EA		24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	287.60	30.29
11 41 33 00-0309	EA		24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	298.14	30.54
11 41 33 00-0310	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	306.28	30.78
11 41 33 00-0311	EA		24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	326.64	31.02
11 41 33 00-0312	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	349.50	31.27
11 41 33 00-0313	EA		24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	374.81	31.51
11 41 33 00-0314	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	395.22	31.75
11 41 33 00-0315	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	440.95	32.24
11 41 33 00-0316			74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0317	EA		14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	238.68	29.55
11 41 33 00-0318	EA		14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	249.24	29.81
11 41 33 00-0319	EA		14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	262.28	30.05
11 41 33 00-0320	EA		14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	272.82	30.29
11 41 33 00-0321	EA		14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	288.33	30.54
11 41 33 00-0322	EA		14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	301.32	30.78
11 41 33 00-0323	EA		14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	314.37	31.02
11 41 33 00-0324	EA		14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	335.47	31.51
11 41 33 00-0325	EA		18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	256.60	29.81
11 41 33 00-0326	EA		18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	264.74	30.05
11 41 33 00-0327	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	280.19	30.29
11 41 33 00-0328	EA		18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	298.14	30.54
11 41 33 00-0329	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	313.63	30.78
11 41 33 00-0330	EA		18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	334.00	31.02
11 41 33 00-0331	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	349.50	31.27
11 41 33 00-0332	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	373.10	31.75
11 41 33 00-0333	EA		21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	267.19	30.05
11 41 33 00-0334	EA		21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	287.60	30.29
11 41 33 00-0335	EA		21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	300.59	30.54
11 41 33 00-0336	EA		21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	316.09	30.78
11 41 33 00-0337	EA		21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	326.64	31.02
11 41 33 00-0338	EA		21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	354.41	31.27
11 41 33 00-0339	EA		21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	367.46	31.51
11 41 33 00-0340	EA		21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	405.77	32.00
11 41 33 00-0341	EA		24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	292.50	30.29
11 41 33 00-0342	EA		24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	303.05	30.54
11 41 33 00-0343	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	311.19	30.78
11 41 33 00-0344	EA		24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	331.55	31.02
11 41 33 00-0345	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	354.41	31.27
11 41 33 00-0346	EA		24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	379.72	31.51
11 41 33 00-0347	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	400.13	31.75
11 41 33 00-0348	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	445.85	32.24
11 41 33 00-0349			86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0350	EA		14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	250.99	29.55
11 41 33 00-0351	EA		14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	261.55	29.81
11 41 33 00-0352	EA		14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	274.60	30.05
11 41 33 00-0353	EA		14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	285.14	30.29
11 41 33 00-0354	EA		14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	300.65	30.54
11 41 33 00-0355	EA		14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	313.63	30.78
11 41 33 00-0356	EA		14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	326.69	31.02
11 41 33 00-0357	EA		14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	347.78	31.51
11 41 33 00-0358	EA		18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	268.92	29.81
11 41 33 00-0359	EA		18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	277.06	30.05
11 41 33 00-0360	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	292.50	30.29
11 41 33 00-0361	EA		18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	310.46	30.54
11 41 33 00-0362	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	325.95	30.78
11 41 33 00-0363	EA		18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	346.31	31.02
11 41 33 00-0364	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	361.82	31.27
11 41 33 00-0365	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	385.41	31.75
11 41 33 00-0366	EA		21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	279.51	30.05
11 41 33 00-0367	EA		21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	299.92	30.29
11 41 33 00-0368	EA		21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	312.90	30.54
11 41 33 00-0369	EA		21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	328.41	30.78
11 41 33 00-0370	EA		21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	338.96	31.02
11 41 33 00-0371	EA		21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	366.72	31.27
11 41 33 00-0372	EA		21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	379.78	31.51
11 41 33 00-0373	EA		21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	418.08	32.00
11 41 33 00-0374	EA		24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	304.82	30.29
11 41 33 00-0375	EA		24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	315.36	30.54
11 41 33 00-0376	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	323.50	30.78
11 41 33 00-0377	EA		24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	343.86	31.02
11 41 33 00-0378	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	366.72	31.27

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	392.04	31.51
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	412.45	31.75
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	458.17	32.24
11 41 33 00-0382		54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	410.49	30.29
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	448.84	30.78
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	499.47	31.27
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	530.43	31.75
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	446.35	30.78
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	511.74	31.27
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	562.37	31.75
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	637.58	32.24
11 41 33 00-0391		63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	415.40	30.29
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	453.76	30.78
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	504.38	31.27
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	535.34	31.75
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	451.26	30.78
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	516.65	31.27
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	567.28	31.75
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	642.48	32.24
11 41 33 00-0400		74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	420.30	30.29
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	458.67	30.78
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	509.30	31.27
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	540.24	31.75
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	456.16	30.78
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	521.55	31.27
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	572.18	31.75
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	647.40	32.24
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	432.62	30.29
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	470.97	30.78
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	521.60	31.27
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	552.56	31.75
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	468.48	30.78
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	533.87	31.27
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	584.50	31.75
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	659.70	32.24
11 41 33 00-0418		Stainless Steel Shelving Unit <small>(11 41 33 00-0001)</small>		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	702.99	30.29
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	819.99	30.78
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	967.89	31.27
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,122.80	31.75
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	829.81	30.78
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	964.04	31.27
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,140.02	31.75
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,372.51	32.24
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	727.58	30.29
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	844.58	30.78
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	995.98	31.27
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,147.37	31.75
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	854.39	30.78
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	988.61	31.27
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,164.59	31.75
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,397.10	32.24
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	752.15	30.29
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	869.15	30.78
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,020.55	31.27
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,171.96	31.75
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	878.96	30.78
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,013.20	31.27
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,189.18	31.75
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,421.67	32.24

	Equipment	11
	Foodservice Equipment	11 40
	Foodservice Storage Equipment	11 41

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

11 41 33 00-0446	63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)	
11 41 33 00-0447	EA 18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	835.76 30.29
11 41 33 00-0448	EA 18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	921.93 30.78
11 41 33 00-0449	EA 18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,036.22 31.27
11 41 33 00-0450	EA 18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,105.39 31.75
11 41 33 00-0451	EA 24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	996.95 30.78
11 41 33 00-0452	EA 24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,170.49 31.27
11 41 33 00-0453	EA 24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,297.15 31.75
11 41 33 00-0454	EA 24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,486.39 32.24

11 41 33 00-0455	74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)	
11 41 33 00-0456	EA 18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	860.33 30.29
11 41 33 00-0457	EA 18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	947.99 30.78
11 41 33 00-0458	EA 18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,064.30 31.27
11 41 33 00-0459	EA 18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,134.64 31.75
11 41 33 00-0460	EA 24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,021.54 30.78
11 41 33 00-0461	EA 24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,195.06 31.27
11 41 33 00-0462	EA 24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,323.11 31.75
11 41 33 00-0463	EA 24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,514.47 32.24

11 41 33 00-0464	86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)	
11 41 33 00-0465	EA 18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	884.92 30.29
11 41 33 00-0466	EA 18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	972.10 30.78
11 41 33 00-0467	EA 18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,087.81 31.27
11 41 33 00-0468	EA 18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,157.81 31.75
11 41 33 00-0469	EA 24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,046.11 30.78
11 41 33 00-0470	EA 24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,219.65 31.27
11 41 33 00-0471	EA 24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,346.90 31.75
11 41 33 00-0472	EA 24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,537.03 32.24

11 41 33 00-0473	Galvanized Steel Dunnage Rack (11 41 33 00-0001)	
11 41 33 00-0474	EA 18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	172.04 21.78
11 41 33 00-0475	EA 18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	180.86 22.39
11 41 33 00-0476	EA 18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	190.86 23.00
11 41 33 00-0477	EA 18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	209.00 23.60
11 41 33 00-0478	EA 18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	224.81 24.21
11 41 33 00-0479	EA 24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	183.69 21.78
11 41 33 00-0480	EA 24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	199.51 22.39
11 41 33 00-0481	EA 24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	209.50 23.00
11 41 33 00-0482	EA 24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	226.48 23.60
11 41 33 00-0483	EA 24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	245.79 24.21

11 41 33 00-0484	Stainless Steel Dunnage Rack (11 41 33 00-0001)	
11 41 33 00-0485	EA 18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	433.70 23.00
11 41 33 00-0486	EA 18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	539.60 23.60
11 41 33 00-0487	EA 18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	899.48 24.21
11 41 33 00-0488	EA 24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	472.66 23.00
11 41 33 00-0489	EA 24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	584.72 23.60
11 41 33 00-0490	EA 24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	979.11 24.21

11 41 33 00-0491	Mobile Racks (11 41 33 00-0001)	
11 41 33 00-0492	EA Mobile Rack With Pan Slide.....	1,446.18 36.67

11 41 33 00-0493	Can Racks (11 41 33 00-0001)	
11 41 33 00-0494	EA 27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack	2,354.12 36.67
	Note: 156 #10 cans capacity	

11 42 Food Preparation Equipment (11 40)

11 42 13 Food Preparation Appliances (11 42)

11 42 13 00-0001	Vertical Cutter Mixers (11 42 13)	
11 42 13 00-0002	EA Bench Type Mixers, 25 Quart	8,506.76 199.17
11 42 13 00-0003	EA Bench Type Mixers, 40 Quart	9,831.75 221.30
11 42 13 00-0004	EA Bench Type Mixers, 80 Quart	12,221.28 318.67
11 42 13 00-0005	EA Bench Type Mixers, 130 Quart	13,667.73 398.34

11 42 13 00-0006	Choppers (11 42 13)	
11 42 13 00-0007	EA Choppers, 5 LB.....	2,182.13 177.04
11 42 13 00-0008	EA Choppers, 16 LB.....	3,197.43 230.15
11 42 13 00-0009	EA Choppers, 35 LB - 40 LB	6,126.02 283.26
11 42 13 00-0010	EA Choppers, 35 LB - 40 LB/Min, 2 HP.....	5,072.80 251.66
11 42 13 00-0011	EA Choppers, 35 LB - 40 LB/Min, 3 HP.....	5,744.50 251.66

11 Equipment**11 40 Foodservice Equipment****11 42 Food Preparation Equipment**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 42 13 00-0012		Floor Model Mixer <small>(11 42 13)</small>		
11 42 13 00-0013	EA	Floor Type Mixers, 20 Quart	4,077.02	84.10
11 42 13 00-0014	EA	Floor Type Mixers, 60 Quart	10,003.24	88.51
11 42 13 00-0015	EA	Floor Type Mixers, 80 Quart	15,782.54	88.51
11 42 13 00-0016	EA	Floor Type Mixers, 140 Quart	20,005.30	141.63
11 42 13 00-0017		Slicers <small>(11 42 13)</small>		
11 42 13 00-0018	EA	Slicer With Table.....	3,420.31	127.82
11 42 13 00-0019		Peelers <small>(11 42 13)</small>		
11 42 13 00-0020	EA	Small Peeler.....	2,362.82	143.84
11 42 13 00-0021	EA	Large Peeler	2,514.31	191.82
11 42 13 00-0022		Proof Boxes <small>(11 42 13)</small>		
11 42 13 00-0023	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box.....	1,890.44	65.94
11 42 13 00-0024	EA	30-1/2" x 45", Stainless Steel Proof Box.....	3,163.40	110.50
11 42 13 00-0025	EA	30-1/2" x 45", Galvanized Proof Box.....	2,979.74	50.16
11 42 13 00-0026		Non-Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0027	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,627.32	63.19
11 42 13 00-0028	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,745.63	67.56
11 42 13 00-0029	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,616.27	62.67
11 42 13 00-0030	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,713.02	66.44
11 42 13 00-0031		Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0032	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	2,660.88	115.90
11 42 13 00-0033	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	2,780.67	121.17
11 42 13 00-0034		Pass-Thru Hot Food Holding Cabinet <small>(11 42 13)</small>		
11 42 13 00-0035	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	4,448.22	185.89
11 42 13 00-0036	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	4,725.62	185.89
11 42 13 00-0037	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	6,009.39	194.74
11 42 13 00-0038	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	6,576.04	194.74
11 42 16		Food Preparation Surfaces <small>(11 42)</small>		
11 42 16 00-0001		Tables <small>(11 42 16)</small>		
11 42 16 00-0002		Baker's Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0003	EA	4' Open Base Baker's Table.....	815.09	51.67
11 42 16 00-0004	EA	10' Open Base Baker's Table.....	1,599.74	101.31
11 42 16 00-0005	EA	10' Undershelf Baker's Table	1,973.83	125.02
11 42 16 00-0006	EA	10' Three Drawers Baker's Table.....	2,117.02	134.24
11 42 16 00-0007	EA	10' Bins Baker's Table	3,114.71	197.57
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table.....	4,890.97	310.12
11 42 16 00-0009		Preparation Table, Stainless Steel, With Undershelf <small>(11 42 16 00-0001)</small>		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf	696.44	27.25
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf	752.35	32.72
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf.....	1,134.47	44.48
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front <small>(11 42 16 00-0001)</small>		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front.....	733.32	28.67
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front.....	942.53	36.88
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	809.63	31.71
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front.....	974.53	38.20
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	196.87	7.70
11 42 16 00-0019		Mobile Tables <small>(11 42 16 00-0001)</small>		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	2,859.07	24.42
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	1,543.54	29.28
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	839.20	32.92
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric <small>(11 42 16 00-0001)</small>		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	1,498.79	58.76
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	1,215.68	47.62
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	100.90	3.95
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables.....	147.63	5.78
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	2,951.16	103.27
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	5,871.40	206.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

11 42 16 00-0030			Basic Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0031	LF		Table, Basic.....	269.67	20.39

11 42 16 00-0032			Table With Sink <small>(11 42 16)</small>		
11 42 16 00-0033	LF		Table With Sink.....	340.91	39.28

11 42 23 Food Preparation Scullery Sinks (11 42)

11 42 23 00-0001			Stainless Steel Scullery Sinks <small>(11 42 23)</small>		
			Note: Excludes faucet. See CSI section 22 42 39 00-0085 for service sink faucets.		
11 42 23 00-0002	EA		Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard.....	1,921.74	164.81
			<i>For Additional Drain Board, Add</i>	175.69	
11 42 23 00-0003	EA		Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard.....	2,648.41	188.35
			<i>For Additional Drain Board, Add</i>	247.18	
11 42 23 00-0004	EA		Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard.....	3,462.96	188.35
			<i>For Additional Drain Board, Add</i>	327.46	
11 42 23 00-0005	EA		Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard.....	4,840.02	188.35
			<i>For Additional Drain Board, Add</i>	465.17	
11 42 23 00-0006	EA		Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard.....	3,121.64	188.35

11 44 Food Cooking Equipment (11 44)

11 44 13 Commercial Ranges (11 44)

11 44 13 00-0001			Range <small>(11 44 13)</small>		
11 44 13 00-0002	EA		Heavy Duty Range, With 34" Open Top Oven.....	2,692.69	88.51
11 44 13 00-0003	EA		Range With Fry Top.....	2,692.69	88.51
11 44 13 00-0004	EA		Steel Finish Fry Top.....	5,774.63	124.02
11 44 13 00-0005	EA		Stainless Top Only Fry Top.....	5,772.35	122.60
11 44 13 00-0006	EA		Stainless Top And 2 Sides Fry Top.....	6,669.89	142.75
11 44 13 00-0007	EA		Gas Range, Vulcan #260L.....	6,013.35	127.19
			Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		
11 44 13 00-0008	EA		48" Range With Casters (Vulcan 48C-4B24GN).....	8,741.25	73.36

11 44 16 Commercial Ovens (11 44)

11 44 16 00-0001			Bake Oven <small>(11 44 16)</small>		
11 44 16 00-0002	EA		Bake Oven - Single Deck.....	5,605.21	132.78
11 44 16 00-0003	EA		Bake Oven - Double Deck.....	11,463.23	177.04
11 44 16 00-0004	EA		Bake Oven - Triple Deck.....	16,693.19	177.04
11 44 16 00-0005	EA		Rotary Oven, Gas, Medium.....	40,107.39	5,753.74

11 44 16 00-0006			Combination Ovens <small>(11 44 16)</small>		
			Note: Convection, steam and combination modes.		
11 44 16 00-0007	EA		35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven.....	14,122.29	154.91
11 44 16 00-0008	EA		35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven.....	23,121.08	177.04
11 44 16 00-0009	EA		35.4" x 34" x 36.8" Half Size Electric Boilerless Combination Oven.....	19,119.39	177.04
11 44 16 00-0010	EA		35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven.....	46,017.02	221.30
11 44 16 00-0011	EA		35.4" x 34" x 70.4" Half Size Electric Boilerless Combination Oven.....	34,968.02	221.30

11 44 16 00-0012			Electric Convection Type Oven <small>(11 44 16)</small>		
11 44 16 00-0013	EA		40" x 45" x 57" Convection Oven.....	8,797.26	150.48
11 44 16 00-0014	EA		30" x 25" x 29" Half Size Electric Convection Oven.....	4,180.34	154.91
11 44 16 00-0015	EA		30" x 25" x 66-3/4" Half Size Electric Convection Oven.....	8,488.77	165.97
11 44 16 00-0016	EA		40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven.....	5,875.42	165.97
11 44 16 00-0017	EA		40" x 41-1/2" x 70" Single Deck Electric Convection Oven.....	11,079.71	177.04

11 44 16 00-0018			Broiler, Without Oven <small>(11 44 16)</small>		
11 44 16 00-0019	EA		69" x 26" x 39" Broiler Without Oven.....	7,512.08	141.63
11 44 16 00-0020	EA		Conveyor Broiler.....	6,665.54	164.38

11 44 16 00-0021			Oven Stands <small>(11 44 16)</small>		
11 44 16 00-0022	EA		Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand).....	1,115.85	

11 44 19 Commercial Cooking Equipment (11 44)

11 44 19 00-0001			Electric Griddle <small>(11 44 19)</small>		
11 44 19 00-0002	EA		24" Wide x 24" Deep Electric Griddle.....	2,537.54	121.71
11 44 19 00-0003	EA		36" Wide x 24" Deep Electric Griddle.....	3,576.94	121.71
11 44 19 00-0004	EA		48" Wide x 24" Deep Electric Griddle.....	4,089.88	132.78
11 44 19 00-0005	EA		60" Wide x 24" Deep Electric Griddle.....	4,877.68	132.78
11 44 19 00-0006	EA		72" Wide x 24" Deep Electric Griddle.....	6,235.36	143.84

11 Equipment
11 40 Foodservice Equipment
11 44 Food Cooking Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 44 19 00-0007	Fryer, With Submerger (11 44 19)		
11 44 19 00-0008	EA Single Fryer With Submerger.....	4,093.02	141.63
11 44 19 00-0009	EA Double Fryer With Submerger.....	8,325.20	177.04
11 44 19 00-0010	EA Fryer Battery With Filter Unit (Single 42 LB Capacity).....	12,610.79	230.15
11 44 19 00-0011	EA Fryer Battery With Filter Unit (Triple 42 LB Capacity).....	29,895.48	287.68
11 44 19 00-0012	EA 50 LB Capacity, 208 Volt, Electric Fryer.....	3,996.11	177.04
11 44 19 00-0013	EA 50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	5,835.23	185.89
11 44 19 00-0014	EA 50 LB Capacity, 480 Volt, Electric Fryer.....	4,189.14	177.04
11 44 19 00-0015	EA 50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	6,028.26	185.89
11 44 19 00-0016	EA 85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	13,174.81	230.15
11 44 19 00-0017	EA 85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	13,491.58	230.15
11 44 19 00-0018	Kettles, Steam Jacketed (11 44 19)		
11 44 19 00-0019	EA 5 Gallon Kettle, With Stand.....	4,175.96	76.31
11 44 19 00-0020	EA 20 Gallon Kettle With Steam Jacket.....	10,365.08	101.75
11 44 19 00-0021	EA 40 Gallon Kettle With Steam Jacket.....	10,717.47	111.92
11 44 19 00-0022	EA 60 Gallon Kettle With Steam Jacket.....	12,970.51	122.10
11 44 19 00-0023	Steamers, Electric (11 44 19)		
11 44 19 00-0024	Cooking Equipment/ Steamers (11 44 19 00-0023)		
11 44 19 00-0025	EA 3 Pan, Electric Countertop Convection Steamer.....	5,451.65	185.89
11 44 19 00-0026	EA 5 Pan, Electric Countertop Convection Steamer.....	7,150.55	194.74
11 44 19 00-0027	EA 3 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	5,052.38	185.89
11 44 19 00-0028	EA 5 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	7,322.95	194.74
11 44 19 00-0029	Braising Pans (11 44 19)		
11 44 19 00-0030	EA 24" x 24", 240 Volt, Tilting Braising Pan.....	8,921.37	177.34
11 44 19 00-0031	EA 24" x 31", 240 Volt, Tilting Braising Pan.....	9,414.56	186.50
11 44 19 00-0032	EA 24" x 41", 240 Volt, Tilting Braising Pan.....	10,027.23	198.61
11 44 19 00-0033	EA 24" x 24", 62,000 BTU/Hour, Tilting Braising Pan.....	11,630.07	231.26
11 44 19 00-0034	EA 24" x 31", 90,000 BTU/Hour, Tilting Braising Pan.....	12,026.36	238.39
11 44 19 00-0035	EA 24" x 41", 120,000 BTU/Hour, Tilting Braising Pan.....	12,494.43	244.70
11 44 19 00-0036	Toasters (11 44 19)		
11 44 19 00-0037	EA Bun Toaster 3.2 KW.....	1,770.08	39.52
11 44 19 00-0038	EA Bun Toaster 4.3 KW.....	1,931.82	43.06
11 44 19 00-0039	EA Pop-Up Toaster, 2 Slot.....	468.07	95.86
11 44 19 00-0040	EA Conveyor Toaster.....	799.06	143.84
11 44 19 00-0041	Microwave Ovens (11 44 19)		
11 44 19 00-0042	EA 1,000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer.....	937.59	
11 44 19 00-0043	EA 1,000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display.....	1,303.68	
11 44 19 00-0044	Ceramic Broiler On Storage Base With Doors (11 44 19)		
11 44 19 00-0045	EA Standard Finish Ceramic Boiler On Storage Base With Doors.....	7,350.80	145.40
11 44 19 00-0046	EA Stainless Steel Front Ceramic Boiler On Storage Base With Doors.....	7,350.80	145.40
11 44 19 00-0047	EA Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	9,136.06	181.51
11 44 19 00-0048	Gas Countertop Hot Plate (11 44 19)		
11 44 19 00-0049	EA 2 Burners Gas Countertop Hot Plate.....	937.15	18.51
11 46	Food Dispensing Equipment (11 46)		
11 46 13	Bar Equipment (11 46)		
11 46 13 00-0001	Soft Serve Machines (11 46 13)		
11 46 13 00-0002	EA Soft Serve Machines, Medium.....	9,590.79	104.63
11 46 13 00-0003	EA Soft Serve Machines, Large.....	16,165.10	127.82
11 46 13 00-0004	Salad Bars (11 46 13)		
11 46 13 00-0005	EA 96" Refrigerated Salad Bar With Light 54" Height.....	9,871.39	394.26
11 46 13 00-0006	EA 96" Refrigerated Salad Bar Without Light 54" Height.....	9,059.70	394.26
11 46 13 00-0007	EA 96" Iced Salad Bar Without Light 54" Height.....	6,360.86	216.61
11 46 13 00-0008	EA 79" Iced Salad Bar Without Light 54" Height.....	5,031.62	177.95
11 46 13 00-0009	EA 79" Refrigerated Salad Bar Without Light 54" Height.....	7,642.21	261.07
11 46 13 00-0010	EA 114" Iced Salad Bar 34" Height.....	8,408.99	231.26
11 46 13 00-0011	EA Salad Bar Tray Fixed.....	1,212.91	39.17
11 46 13 00-0012	EA Salad Bar Tray Hinged.....	1,290.04	39.17
11 46 16	Service Line Equipment (11 46)		
11 46 16 00-0001	Food Warmer Holding Station (11 46 16)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0002 EA Food Warmer Station And Heat Lamp	654.01	14.59
11 46 16 00-0003 Reach-In Food Warmers <small>(11 46 16)</small>		
11 46 16 00-0004 EA One Drawer, 16 Roll Capacity Food Warmer.....	1,407.38	31.41
11 46 16 00-0005 EA Three Drawer, 36 Roll Capacity Food Warmer.....	3,220.72	71.94
11 46 16 00-0006 Hot Cabinets With Top Wells Electric <small>(11 46 16)</small>		
11 46 16 00-0007 EA 2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric.....	7,517.18	145.40
11 46 16 00-0008 EA 3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric.....	10,739.97	208.37
11 46 16 00-0009 Portable Hot Food Units <small>(11 46 16)</small>		
11 46 16 00-0010 EA 46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030).....	3,848.54	
11 46 16 00-0011 EA 60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040).....	4,408.23	
11 46 16 00-0012 EA 74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050).....	4,983.16	
11 46 16 00-0013 Stationary Hot Food Units <small>(11 46 16)</small>		
11 46 16 00-0014 EA 46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203).....	1,176.02	29.61
11 46 16 00-0015 EA 61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204).....	1,570.68	34.09
11 46 16 00-0016 EA 76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205).....	1,963.15	43.65
11 46 16 00-0017 Serving Counters <small>(11 46 16)</small>		
11 46 16 00-0018 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	104.97	36.12
11 46 16 00-0019 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section.....	134.31	55.33
11 46 16 00-0020 Drop-In Equipment <small>(11 46 16)</small>		
11 46 16 00-0021 EA Hot Food Well, Rectangular.....	449.80	115.07
11 46 16 00-0022 EA Hot Food Well, Circular.....	415.48	115.07
11 46 16 00-0023 EA Refrigerated Well, 2 Compartment	1,375.80	115.07
11 46 16 00-0024 EA Refrigerated Well, 3 Compartment	1,561.76	127.82
11 46 16 00-0025 EA Refrigerated Well, 4 Compartment	1,773.75	143.84
11 46 16 00-0026 EA Frost Cold Plate.....	1,645.71	127.82
11 46 16 00-0027 Beverage Dispensing <small>(11 46 16)</small>		
11 46 16 00-0028 EA Coffee Urn, Twin 3 Gallon.....	2,673.33	182.66
11 46 16 00-0029 EA Coffee Urn, Twin 6 Gallon.....	3,806.15	255.68
11 46 16 00-0030 EA Coffee Brewer, 5 Burner.....	1,137.48	182.66
11 46 16 00-0031 EA Hot Chocolate Dispenser.....	1,098.76	150.45
11 46 16 00-0032 EA Iced Tea Brewer	1,587.83	150.45
11 46 16 00-0033 EA Juice Dispenser (Concentrate)	1,197.40	255.47
11 46 16 00-0034 EA Jet Spray Dispenser	1,669.77	255.73
11 46 16 00-0035 EA Milk Dispenser, Bulk, 2 Flavor	1,382.51	143.84
11 46 16 00-0036 EA Milk Dispenser, Bulk, 3 Flavor	1,871.58	143.84
11 46 16 00-0037 Dish Dispensers <small>(11 46 16)</small>		
11 46 16 00-0038 EA Dish Dispenser, 12", Drop-in	543.19	26.18
11 46 16 00-0039 EA Dish Dispenser, Mobile.....	1,687.92	30.59
11 46 16 00-0040 EA Cup And Glass Dispenser, Drop-in.....	931.65	81.42
11 46 16 00-0041 EA Disposable Cup Dispenser, Drop-in.....	336.98	18.34
11 46 16 00-0042 Tray And Silver Dispensers <small>(11 46 16)</small>		
11 46 16 00-0043 EA Tray And Silver Dispensers Mobile.....	2,106.21	18.34
11 46 16 00-0044 Condiment Dispensers <small>(11 46 16)</small>		
11 46 16 00-0045 EA Butter Pat Dispenser.....	126.49	22.96
11 46 16 00-0046 EA Bread Dispenser, Counter Top	351.29	22.96
11 46 16 00-0047 Sandwich Rack Warmer <small>(11 46 16)</small>		
11 46 16 00-0048 EA 18 Compartment, 2 Tier Sandwich Rack Warmer.....	2,676.17	116.40
11 46 16 00-0049 Mobile Bread Counter <small>(11 46 16)</small>		
11 46 16 00-0050 EA Mobile Bread And Roll Counter	6,140.91	261.69
11 46 16 00-0051 Open Service Stand <small>(11 46 16)</small>		
11 46 16 00-0052 EA 6' Open Service Stand.....	2,360.90	91.06
11 46 16 00-0053 LF Each Additional Ft Over 6 Ft Add	322.96	12.31

11 Equipment**11 40 Foodservice Equipment****11 46 Food Dispensing Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 46 16 00-0054		Mobile Serving Stand Unit <small>(11 46 16)</small>		
11 46 16 00-0055	EA	36" Mobile Serving Stand Unit	2,064.06	87.10
11 46 16 00-0056	EA	96" Mobile Serving Stand Unit	3,389.18	130.54
11 46 16 00-0057		Reach-In Heated Cabinets <small>(11 46 16)</small>		
11 46 16 00-0058	EA	Heated Cabinet, Reach-in, 1 Compartment	4,156.14	147.56
11 46 16 00-0059	EA	Heated Cabinet, Reach-in, 2 Compartment	5,982.65	185.62
11 46 16 00-0060	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	4,349.20	147.56
11 46 16 00-0061	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	6,263.22	185.62
11 46 16 00-0062		Mobile Heated Cabinets <small>(11 46 16)</small>		
11 46 16 00-0063	EA	Mobile, Heated Cabinet	4,639.19	45.84
11 46 19		Soda Fountain Equipment <small>(11 46)</small>		
11 46 19 00-0001		Carbonated Beverage Dispensing <small>(11 46 19)</small>		
11 46 19 00-0002	EA	Carbonated Beverage Dispenser	2,965.51	359.65
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 LB Ice	4,671.03	411.00
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 LB Ice	8,550.29	575.38
11 46 19 00-0005		Beverage Chilling Systems <small>(11 46 19)</small>		
11 46 19 00-0006	EA	Beverage Chiller, Small	5,878.16	313.88
11 46 19 00-0007	EA	Beverage Chiller, Large	10,964.51	470.87
11 46 83		Ice Machines <small>(11 46)</small>		
11 46 83 00-0001		Ice Cube Maker <small>(11 46 83)</small>		
11 46 83 00-0002	EA	101 LB/Day, Self Contained Ice Maker With Built-In Bin	2,061.41	154.91
11 46 83 00-0003	EA	201 LB/Day, Self Contained Ice Maker With Built-In Bin	2,438.95	165.97
11 46 83 00-0004	EA	260 LB/Day, Self Contained Ice Maker With Built-In Bin	2,768.95	165.97
11 46 83 00-0005	EA	320 LB/Day, Modular Ice Maker Without Bin	2,464.33	165.97
11 46 83 00-0006	EA	451 LB/Day, Modular Ice Maker Without Bin	2,676.14	177.04
11 46 83 00-0007	EA	600 LB/Day, Modular Ice Maker Without Bin	3,050.02	177.04
11 46 83 00-0008	EA	901 LB/Day, Modular Ice Maker Without Bin	4,325.64	188.10
11 46 83 00-0009	EA	1301 LB/Day, Modular Ice Maker Without Bin	4,894.83	188.10
11 46 83 00-0010	EA	1601 LB/Day, Modular Ice Maker Without Bin	5,885.97	199.17
11 46 83 00-0011	EA	1900 LB/Day, Modular Ice Maker Without Bin	6,490.86	199.17
11 46 83 00-0012		Ice Flakers <small>(11 46 83)</small>		
11 46 83 00-0013	EA	Ice Flakers, 300 LB/Day	4,557.66	511.52
11 46 83 00-0014	EA	Ice Flakers, 600 LB/Day	8,230.24	818.44
11 46 83 00-0015	EA	Ice Flakers, 1,000 LB/Day	10,203.31	1,125.35
11 46 83 00-0016	EA	Ice Flakers, 2,000 LB/Day	12,427.91	1,227.66
11 46 83 00-0017		Ice Storage Bins <small>(11 46 83)</small>		
11 46 83 00-0018	EA	260 LB Stainless Steel Ice Storage Bin	1,001.95	110.05
11 46 83 00-0019	EA	360 LB Stainless Steel Ice Storage Bin	1,093.34	110.05
11 46 83 00-0020	EA	550 LB Stainless Steel Ice Storage Bin	1,355.39	119.21
11 46 83 00-0021	EA	660 LB Stainless Steel Ice Storage Bin	1,456.93	119.21
11 46 83 00-0022	EA	1150 LB Stainless Steel Ice Storage Bin	2,744.54	128.38
11 48		Foodservice Cleaning and Disposal Equipment <small>(11 40)</small>		
11 48 13		Commercial Dishwashers <small>(11 48)</small>		
11 48 13 00-0001		Sprays And Hoses <small>(11 48 13)</small>		
11 48 13 00-0002		Sprays, Fillers <small>(11 48 13 00-0001)</small>		
11 48 13 00-0003	EA	Pre-Rinse Spray	363.73	74.58
11 48 13 00-0004	EA	Kettle Fillers	320.83	74.58
11 48 13 00-0005		Hoses <small>(11 48 13 00-0001)</small>		
11 48 13 00-0006	EA	Hose Reel	436.48	89.54
11 48 13 00-0007	EA	Wash-Down Hose	350.67	89.54
11 48 13 00-0008	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,187.58	
11 48 13 00-0009		Rack Type Dishwasher <small>(11 48 13)</small>		
11 48 13 00-0010	EA	Dishwasher, 1 Tank And 190 Racks/Hour	8,323.37	204.55
11 48 13 00-0011	EA	Dishwasher, 2 Tanks And 234 Racks/Hour	14,377.06	536.93
11 48 13 00-0012	EA	Dishwasher, 2 Tanks And 265 Racks/Hour	17,257.75	613.63
11 48 13 00-0013	EA	Dishwasher, Automatic - 100 Meals/Hour	13,321.41	153.41
11 48 13 00-0014	EA	Dishwasher, Machine Rack	15,632.53	426.17
11 48 13 00-0015	EA	Dishwasher, Hobart LX30-H	4,183.66	178.98

			Equipment	11
			Foodservice Equipment	11 40
			Foodservice Cleaning and Disposal Equipment	11 48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 48 13 00-0016			Exhaust Hood Dishwasher (11 48 13)		
11 48 13 00-0017	EA		4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides.....	1,737.32	207.28
11 48 13 00-0018	EA		4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides.....	2,906.79	248.73

11 48 13 00-0019			Dish Tables (11 48 13)		
11 48 13 00-0020	LF		Clean/Soiled Dish Table, Basic.....	209.23	39.28
11 48 13 00-0021	LF		Clean/Soiled Dish Table With Trough.....	327.49	58.86
11 48 13 00-0022	LF		Clean/Soiled Dish Table, Maximum.....	400.27	78.45

11 48 16 Foodservice Disposal Equipment (11 48)

11 48 16 00-0001			Garbage Disposals (11 48 16)		
Note: Manual switch.					
11 48 16 00-0002	EA		1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,225.82	138.07
11 48 16 00-0003	EA		3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,536.05	143.18
11 48 16 00-0004	EA		1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,141.13	153.41
11 48 16 00-0005	EA		1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,647.27	148.30
11 48 16 00-0006	EA		2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,331.66	168.74
11 48 16 00-0007	EA		3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	3,265.92	184.09
11 48 16 00-0008	EA		5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	3,893.11	204.55
11 48 16 00-0009	EA		7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal.....	5,402.49	219.89
11 48 16 00-0010	EA		10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,100.08	230.11

11 48 16 00-0011			Pulper/Extractors (11 48 16)		
11 48 16 00-0012	EA		5 HP, Pulper/Extractor, Close-Coupled	4,730.58	213.03

11 50 Educational And Scientific Equipment (11)

11 52 Audio-Visual Equipment (11 50)

11 52 13 Projection Screens (11 52)

11 52 13 13 Fixed Projection Screens (11 52 13)

11 52 13 13-0001			Screens (11 52 13 13)		
11 52 13 13-0002			Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)		
(11 52 13 13-0001)					
11 52 13 13-0003	EA		40" x 40" Pull Down Projection Screen (Da-Lite B).....	257.51	70.94
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0004	EA		50" x 50" Pull Down Projection Screen (Da-Lite B).....	309.72	91.21
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0005	EA		60" x 60" Pull Down Projection Screen (Da-Lite B).....	402.49	126.69
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0006	EA		70" x 70" Pull Down Projection Screen (Da-Lite B).....	469.92	152.02
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0007	EA		84" x 84" Pull Down Projection Screen (Da-Lite B).....	722.48	228.03
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0008	EA		96" x 96" Pull Down Projection Screen (Da-Lite B).....	840.17	253.36
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0009	EA		64" x 84" Pull Down Projection Screen (Da-Lite B).....	590.72	162.15
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0010	EA		72" x 96" Pull Down Projection Screen (Da-Lite B).....	688.56	202.69
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0011	EA		43" x 57" Pull Down Projection Screen (Da-Lite B).....	354.92	86.14
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0012	EA		50" x 67" Pull Down Projection Screen (Da-Lite B).....	492.89	121.62
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0013	EA		55" x 77" Pull Down Projection Screen (Da-Lite B).....	540.06	136.82
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	

11 Equipment
11 50 Educational And Scientific Equipment
11 52 Audio-Visual Equipment



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
11 52 13 13-0014	EA 60" x 80" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	577.00 40.00 40.00 120.00	146.95
11 52 13 13-0015	EA 69" x 92" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	671.40 40.00 40.00 120.00	177.35
11 52 13 13-0016	EA 45" x 80" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	536.54 40.00 40.00 120.00	126.69
11 52 13 13-0017	EA 52" x 92" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	610.59 40.00 40.00 120.00	146.95
11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) <small>(11 52 13 13-0001)</small>			
11 52 13 13-0019	EA 50" x 50" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	544.31 40.00 40.00 120.00	91.21
11 52 13 13-0020	EA 60" x 60" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	653.83 40.00 40.00 120.00	126.69
11 52 13 13-0021	EA 70" x 70" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	778.55 40.00 40.00 120.00	172.28
11 52 13 13-0022	EA 84" x 84" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	923.55 40.00 40.00 120.00	228.03
11 52 13 13-0023	EA 6' x 8' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,000.71 40.00 40.00 120.00	233.09
11 52 13 13-0024	EA 8' x 8' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,074.76 40.00 40.00 120.00	253.36
11 52 13 13-0025	EA 7' x 9' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,091.51 40.00 40.00 120.00	253.36
11 52 13 13-0026	EA 9' x 9' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,172.18 40.00 40.00 120.00	268.56
11 52 13 13-0027	EA 8' x 10' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,252.85 40.00 40.00 120.00	283.77
11 52 13 13-0028	EA 10' x 10' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,343.66 40.00 40.00 120.00	304.04
11 52 13 13-0029	EA 9' x 12' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,477.71 40.00 40.00 120.00	304.04
11 52 13 13-0030	EA 12' x 12' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,747.42 40.00 40.00 120.00	405.38
11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) <small>(11 52 13 13-0001)</small> Note: With controlled screen return.			
11 52 13 13-0032	EA 60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	988.95 40.00 40.00 120.00	126.69
11 52 13 13-0033	EA 70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,130.43 40.00 40.00 120.00	172.28
11 52 13 13-0034	EA 84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,275.43 40.00 40.00 120.00	228.03
11 52 13 13-0035	EA 6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,335.83 40.00 40.00 120.00	233.09

Equipment	11
Educational And Scientific Equipment	11 50
Audio-Visual Equipment	11 52

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 52 13 13-0036	EA 8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,426.63	253.36
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0037	EA 7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,443.39	253.36
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0038	EA 9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,524.06	268.56
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0039	EA 8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,581.08	278.70
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0040	EA 10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,745.80	304.04
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0041	EA 9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,896.61	304.04
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0042	EA 12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,199.83	405.38
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) (11 52 13 13-0001)

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA 50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	1,520.23	114.01
11 52 13 13-0045	EA 60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	1,560.98	126.69
11 52 13 13-0046	EA 70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	1,640.95	152.02
11 52 13 13-0047	EA 84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	1,925.59	228.03
11 52 13 13-0048	EA 6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	1,972.72	233.09
11 52 13 13-0049	EA 8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,098.07	253.36
11 52 13 13-0050	EA 7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,136.62	253.36
11 52 13 13-0051	EA 9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,246.11	271.10
11 52 13 13-0052	EA 8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,374.75	283.77
11 52 13 13-0053	EA 10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,466.18	304.04
11 52 13 13-0054	EA 9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,535.57	304.04
11 52 13 13-0055	EA 12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,858.54	405.38

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) (11 52 13 13-0001)

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	3,454.91	304.04
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	3,791.65	405.38
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	4,663.78	456.06
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	4,932.68	506.73
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061	EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	5,302.94	608.07
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062	EA 13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	5,906.96	658.75
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063	EA 18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	6,460.72	709.42
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064	EA 15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	6,795.84	709.42
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065	EA 20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	7,350.41	810.76
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0066	EA 11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	6,744.76	658.75
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0067	EA 16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	7,216.36	810.76
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0068	EA 22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	7,586.60	912.11
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0069	EA 12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	7,181.23	709.42
	Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0070	EA 18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	9,262.20	912.11
	Note: Heavy-duty screen for exposed or recessed installation without doors.		

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) (11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	3,074.87	114.01
	Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0073	EA 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	3,150.47	126.69
	Note: In-the-ceiling screen with automatically operated door to conceal screen.		

11	11 Equipment
	11 50 Educational And Scientific Equipment
	11 52 Audio-Visual Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13	13	0074	EA 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,234.66	152.02
11 52 13	13	0075	EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,503.98	228.03
11 52 13	13	0076	EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,547.62	233.09
11 52 13	13	0077	EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,688.69	253.36
11 52 13	13	0078	EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,789.23	253.36
11 52 13	13	0079	EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,874.97	271.10
11 52 13	13	0080	EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,984.08	283.77
11 52 13	13	0081	EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,091.64	304.04
11 52 13	13	0082	EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,125.15	304.04
11 52 13	13	0083	EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,495.40	405.38
11 52 13	13	0084	EA 10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,814.17	430.72
11 52 13	13	0085	EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,032.41	456.06
11 52 13	13	0086	EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,502.38	506.73
11 52 13	13	0087	EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,788.86	608.07
11 52 13	13	0088	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) (11 52 13 13-0001) Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13	13	0089	EA 50" x 50" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,565.49	114.01
11 52 13	13	0090	EA 60" x 60" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,639.62	139.35
11 52 13	13	0091	EA 70" x 70" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,680.04	152.02
11 52 13	13	0092	EA 84" x 84" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,880.65	228.03
11 52 13	13	0093	EA 6' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,905.86	233.09
11 52 13	13	0094	EA 8' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,010.08	253.36
11 52 13	13	0095	EA 7' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,098.88	253.36
11 52 13	13	0096	EA 9' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,253.32	271.10
11 52 13	13	0097	EA 8' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,302.11	283.77
11 52 13	13	0098	EA 10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,414.70	304.04
11 52 13	13	0099	EA 9' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,449.03	354.71
11 52 13	13	0100	EA 12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,784.95	405.38
11 52 13	13	0101	EA 10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,670.07	430.72
11 52 13	13	0102	EA 14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,879.93	456.06
11 52 13	13	0103	EA 12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,291.26	506.73
11 52 13	13	0104	EA 16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,564.33	608.07
11 52 13	13	0105	EA 13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,059.44	658.75
11 52 13	13	0106	EA 18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,440.60	709.42
11 52 13	13	0107	EA 15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,685.24	709.42
11 52 13	13	0108	EA 20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	7,410.73	810.76
11 52 13	13	0109	EA 50" x 67" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,680.04	152.02
11 52 13	13	0110	EA 60" x 80" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,829.97	202.69
11 52 13	13	0111	EA 69" x 92" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,895.73	228.03
11 52 13	13	0112	EA 87" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,318.87	283.77
11 52 13	13	0113	EA 105" x 140" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,588.10	354.71
11 52 13	13	0114	EA 123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,459.36	456.06
11 52 13	13	0115	EA 141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,789.39	557.40

		Equipment	11
		Educational And Scientific Equipment	11 50
		Audio-Visual Equipment	11 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 52 13 13-0116	EA		12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,267.82	760.09
11 52 13 13-0117	EA		45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,838.35	202.69
11 52 13 13-0118	EA		52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,920.87	228.03
11 52 13 13-0119	EA		54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,999.86	243.23
11 52 13 13-0120	EA		58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,055.48	263.49
11 52 13 13-0121	EA		65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,238.44	283.77
11 52 13 13-0122	EA		78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,524.43	354.71
11 52 13 13-0123	EA		92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,414.11	456.06
11 52 13 13-0124	EA		106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,122.84	557.40
11 52 13 13-0125	EA		119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,205.22	658.75

11 52 13 13-0126 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) (11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.					
11 52 13 13-0127	EA		50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,915.74	114.01
11 52 13 13-0128	EA		60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,978.07	126.69
11 52 13 13-0129	EA		70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,056.51	152.02
11 52 13 13-0130	EA		84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,304.13	228.03
11 52 13 13-0131	EA		6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,345.10	233.09
11 52 13 13-0132	EA		8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,451.95	253.36
11 52 13 13-0133	EA		7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,555.26	253.36
11 52 13 13-0134	EA		9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,657.04	271.10
11 52 13 13-0135	EA		8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,731.71	283.77
11 52 13 13-0136	EA		10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,850.90	304.04
11 52 13 13-0137	EA		9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,957.29	304.04
11 52 13 13-0138	EA		12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,249.42	405.38

11 52 13 13-0139 Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) (11 52 13 13-0001)

Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.					
11 52 13 13-0140	EA		60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,844.18	253.36
11 52 13 13-0141	EA		69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,414.69	304.04
11 52 13 13-0142	EA		87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	9,858.14	456.06
11 52 13 13-0143	EA		105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,440.99	608.07
11 52 13 13-0144	EA		120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,816.60	709.42
11 52 13 13-0145	EA		52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,313.35	253.36
11 52 13 13-0146	EA		58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	9,101.69	304.04
11 52 13 13-0147	EA		65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	9,655.45	354.71
11 52 13 13-0148	EA		78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,136.95	456.06

11 52 13 13-0149 Electric Rear Projection Screen (Da-Lite DA-View) (11 52 13 13-0001)

Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.					
11 52 13 13-0150	EA		60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	2,867.02	253.36
11 52 13 13-0151	EA		67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	3,573.69	278.70
11 52 13 13-0152	EA		72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,083.56	304.04
11 52 13 13-0153	EA		84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,217.44	329.37
11 52 13 13-0154	EA		90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,989.71	7,635.00

11 Equipment**11 50 Educational And Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0155	EA		96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,878.25	405.38
11 52 13 13-0156	EA		100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,341.20	456.06
11 52 13 13-0157	EA		120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,247.34	506.73
11 52 13 13-0158	EA		125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,054.29	557.40
11 52 13 13-0159	EA		135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	22,731.64	608.07
11 52 13 13-0160			Screen Accessories (11 52 13 13-0001)		
11 52 13 13-0161			Manual Pull Down Accessories (11 52 13 13-0160)		
11 52 13 13-0162	EA		6" Mounting Bracket (Pair).....	45.36	7.60
11 52 13 13-0163	EA		14" Wall Mounting Bracket (Pair).....	62.12	8.10
11 52 13 13-0164	EA		14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair).....	72.17	9.12
11 52 13 13-0165			Electric Powered Screen Accessories (11 52 13 13-0160)		
11 52 13 13-0166	EA		Single Motor Low Voltage Remote Control System - Infrared.....	425.79	
11 52 13 13-0167	EA		Single Motor Low Voltage Remote Control System - Radio Frequency.....	610.10	
11 52 13 13-0168			Relocate Existing Fixed Projection Screen (11 52 13 13)		
11 52 13 13-0169	EA		Relocate Electric Controlled Projection Screen, Including Storage And Cleaning.....	1,490.38	
11 52 13 16			Portable Projection Screens (11 52 13)		
11 52 13 16-0001			Motion Picture Screen And Case (11 52 13 16)		
11 52 13 16-0002	SF		Screen, Riser Projection With Anodized Aluminum Frame.....	28.95	3.65
11 52 16			Projectors (11 52)		
11 52 16 26			Video Projectors (11 52 16)		
11 52 16 26-0001			Projectors (11 52 16 26)		
11 52 16 26-0002	EA		2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	815.84	50.68
11 52 16 26-0003	EA		2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector.....	940.88	50.68
11 52 16 26-0004	EA		2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	1,235.62	50.68
11 52 16 26-0005	EA		3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	1,932.26	50.68
11 52 16 26-0006	EA		3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	2,244.85	50.68
11 52 16 26-0007	EA		3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector.....	2,843.25	50.68
11 52 16 26-0008	EA		4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	4,504.47	50.68
11 52 16 26-0009	EA		5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	6,094.24	50.68
11 52 16 26-0010	EA		6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	9,032.64	50.68
11 52 16 26-0011			Projector Mounts (11 52 16 26)		
11 52 16 26-0012			Universal Projector Mounts (11 52 16 26-0011) Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA		Flush Ceiling, Universal Projector Mount (Peerless PPF).....	204.06	55.73
11 52 16 26-0014	EA		Wall Arm, Universal Projector Mount (Peerless PWA-14).....	314.93	55.73
11 52 16 26-0015			Projector Mount Components (11 52 16 26-0011) Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016			Ceiling Attachment Plates For Projector Mounts (11 52 16 26-0015)		
11 52 16 26-0017	EA		Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570).....	77.03	25.32
11 52 16 26-0018	EA		Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557).....	99.78	25.32
11 52 16 26-0019	EA		I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559).....	133.47	25.32
11 52 16 26-0020	EA		Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455).....	167.76	25.32
11 52 16 26-0021			Projector Attachment Plates For Projector Mounts (11 52 16 26-0015)		
11 52 16 26-0022	EA		Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV).....	233.10	25.32
11 52 16 26-0023	EA		High Security Projector Enclosure For Projector Mounts (Peerless ALB).....	498.37	25.32
11 52 16 26-0024			Threaded Extension Columns For Projector Mounts (11 52 16 26-0015)		
11 52 16 26-0025			Fixed Length, Threaded Extension Column For Projector Mounts (11 52 16 26-0024) Note: Peerless EXT series.		
11 52 16 26-0026	EA		6" Fixed Length, Threaded Extension Column For Projector Mounts.....	41.87	7.60
11 52 16 26-0027	EA		12" Fixed Length, Threaded Extension Column For Projector Mounts.....	53.09	7.60
11 52 16 26-0028	EA		18" Fixed Length, Threaded Extension Column For Projector Mounts.....	57.30	7.60
11 52 16 26-0029	EA		24" Fixed Length, Threaded Extension Column For Projector Mounts.....	60.11	7.60
11 52 16 26-0030	EA		36" Fixed Length, Threaded Extension Column For Projector Mounts.....	72.19	10.13
11 52 16 26-0031	EA		48" Fixed Length, Threaded Extension Column For Projector Mounts.....	86.22	10.13
11 52 16 26-0032	EA		60" Fixed Length, Threaded Extension Column For Projector Mounts.....	108.68	10.13
11 52 16 26-0033	EA		72" Fixed Length, Threaded Extension Column For Projector Mounts.....	124.12	10.13

			Equipment	11
			Educational And Scientific Equipment	11 50
			Audio-Visual Equipment	11 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 52 16 26-0034	EA		84" Fixed Length, Threaded Extension Column For Projector Mounts	146.02	12.66
11 52 16 26-0035	EA		96" Fixed Length, Threaded Extension Column For Projector Mounts	165.67	12.66
11 52 16 26-0036	EA		108" Fixed Length, Threaded Extension Column For Projector Mounts	184.77	15.20
11 52 16 26-0037	EA		120" Fixed Length, Threaded Extension Column For Projector Mounts	193.19	15.20

11 52 16 26-0038 Adjustable Length, Threaded Extension Columns For Projector Mounts (11 52 16 26-0038)

Note: Peerless ADJ series. Adjustable at 1" increments.

11 52 16 26-0039	EA		6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	84.27	12.66
11 52 16 26-0040	EA		12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	126.37	12.66
11 52 16 26-0041	EA		18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	129.18	12.66
11 52 16 26-0042	EA		24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	133.39	12.66
11 52 16 26-0043	EA		36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	145.48	15.20
11 52 16 26-0044	EA		48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	162.49	15.20
11 52 16 26-0045	EA		60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	167.93	15.20
11 52 16 26-0046	EA		72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	181.97	15.20
11 52 16 26-0047	EA		84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	202.48	17.73
11 52 16 26-0048	EA		96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	216.51	17.73
11 52 16 26-0049	EA		108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	237.02	20.26
11 52 16 26-0050	EA		120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	246.84	20.26

11 53 Laboratory Equipment (11 53)

11 53 43 Service Fittings And Accessories (11 53)

11 53 43 00-0001 Outlet And Valves (11 53 43)

11 53 43 00-0002	EA		Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	704.84	
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11 53 43 00-0003 Test And Certify (11 53 43)

11 53 43 00-0004	EA		Test And Certify Medical Gas Port.....	51.15	
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11 70 Healthcare Equipment (11)

11 72 Examination And Treatment Equipment (11 70)

11 72 13 Examination Equipment (11 72)

11 72 13 00-0001 Sharps Containers (11 72 13)

11 72 13 00-0002	EA		3 Quart Disposable Sharps Containers, Wall Mounted..... Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.	166.73	
11 72 13 00-0003	EA		2 Gallon Disposable Sharps Containers, Wall Mounted	213.78	
11 72 13 00-0004	EA		3 Gallon Disposable Sharps Containers, Wall Mounted	189.73	
11 72 13 00-0005	EA		One-Quart Disposable Phlebotomy Container, Wall Mounted..... Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.	301.62	

11 73 Patient Care Equipment (11 70)

11 73 23 Patient Lift (11 73)

11 73 23 00-0001 Ceiling Patient Lift (11 73 23)

11 73 23 00-0002	EA		Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift..... Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	8,029.10	
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11 73 23 00-0003 Ceiling Patient Lift System (11 73 23)

Note: Guldmann

11 73 23 00-0004	EA		GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control	8,662.87	871.15
11 73 23 00-0005	EA		550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook	440.93	
11 73 23 00-0006	EA		550 LB Weight Capacity Traverse Traveling Trolley Room Covering System	577.43	120.99
11 73 23 00-0007	EA		GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control.....	12,275.04	1,209.93
11 73 23 00-0008	EA		1,000 LB Weight Capacity Hanging Bar	3,812.30	
11 73 23 00-0009	EA		1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System	1,313.41	266.19
11 73 23 00-0010	LF		Aluminum Midi Rail	231.35	29.04
11 73 23 00-0011	EA		Wire For Charging Liner	88.00	
11 73 23 00-0012	LF		Charging Liner For Midi Rail	97.94	
11 73 23 00-0013	EA		End Stops	43.99	
11 73 23 00-0014	EA		Standard Ceiling Brackets	141.01	29.04
11 73 23 00-0015	EA		Charging Kit For Room-Covering System With Midi Rails.....	266.93	
11 73 23 00-0016	EA		Lock For Charging Liner	48.23	
11 73 23 00-0017	EA		Cover Plate For Midi Rail.....	4.72	
11 73 23 00-0018	EA		Rosette White	2.68	

11 Equipment
11 70 Healthcare Equipment
11 73 Patient Care Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 73 23 00-0019	EA	Aluminum Pipe 2M Profile.....	129.57	
11 73 23 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	197.47	
11 73 23 00-0021	EA	Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	108.45	
11 73 23 00-0022	EA	Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	108.45	
11 73 23 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	51.55	
11 73 23 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	127.33	

11 80 Facility Maintenance and Operation Equipment ⁽¹¹⁾

11 81 Maintenance Equipment ^(11 80)

11 81 29 Facility Fall Protection ^(11 81)

11 81 29 00-0001 Safety And Tie-Back Anchors ^(11 81 29)

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0045 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors ^(11 81 29 00-0001)

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	522.97	76.01
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	
		<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	

11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	457.56	76.01
		Note: Includes drilling in concrete and adhesive anchor systems.		
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	
		<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	

11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	328.97	69.75
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	
		<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor ^(11 81 29 00-0001)

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	371.81	76.01
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	

11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	340.08	76.01
		Note: Includes drilling in concrete and adhesive anchor systems.		
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	

11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	293.88	69.75
		<i>For Stainless Steel Pad Eye, Add</i>	40.00	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories ^(11 81 29 00-0001)

11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor).....	255.18	
		Note: One cut sheet required per order.		

11 82 Facility Solid Waste Handling Equipment ^(11 80)

11 82 19 Packaged Incinerators ^(11 82)

11 82 19 00-0001 Electric Incinerator ^(11 82 19)

11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	24,686.31	887.62
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	50,490.10	1,775.25
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	168,975.72	2,662.87

11 82 26 Facility Waste Compactors ^(11 82)

11 82 26 00-0001 110 Volt Compactors ^(11 82 26)

11 82 26 00-0002	EA	Waste Compactor, 110 Volt At 75 LB/Hour.....	13,447.32	462.21
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 250 LB/Hour.....	17,106.66	1,109.32

11 82 26 00-0004 230 Volt Compactors ^(11 82 26)

11 82 26 00-0005	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed.....	17,256.90	1,479.09
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed.....	19,596.64	1,941.30

11 82 26 00-0007 Trash Compactors ^(11 82 26)

11 82 26 00-0008	EA	Trash Compactor, Small	3,071.75	267.60
11 82 26 00-0009	EA	Trash Compactor, Large.....	3,780.57	302.82

		Equipment	11	
		Facility Maintenance and Operation Equipment	11 80	11
		Facility Solid Waste Handling Equipment	11 82	
MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

END OF SECTION 11

11	11	Equipment
	11 80	Facility Maintenance and Operation Equipment
	11 82	Facility Solid Waste Handling Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

12 01 Operation And Maintenance Of Furnishings⁽¹²⁾

12 01 60 Operation And Maintenance Of Multiple Seating^(12 01)

12 01 60 00-0001	Repair Fixed Auditorium Seating^(12 01 60)		
12 01 60 00-0002	EA Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part.....	125.25	
12 01 60 00-0003	EA Removal And Replacement Of Auditorium Seat Armrest Part	61.06	
12 01 60 00-0004	EA Removal And Replacement Of End Armrest Part	82.04	
12 01 60 00-0005	EA Removal And Replacement Of Auditorium Seat Kick Plate Part.....	88.48	
12 01 60 00-0006	EA Removal And Replacement Of Auditorium Seat Long Back Part.....	148.75	
12 01 60 00-0007	EA Removal And Replacement Of Auditorium Seat Center Standard Part	117.60	
12 01 60 00-0008	EA Removal And Replacement Of Auditorium Seat Back Bracket Part	54.50	
12 01 60 00-0009	EA Removal And Replacement Of Auditorium Seat Bracket Part	55.87	
12 01 60 00-0010	EA Secure Seat To Floor.....	51.35	
12 01 60 00-0011	EA Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor	64.36	
	Note: Includes drilling and fasteners.		
	For Epoxy Anchoring, Add		17.58

12 20 Window Treatments⁽¹²⁾

12 21 Window Blinds^(12 20)

12 21 13 Horizontal Louver Blinds^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds^(12 21 13)

12 21 13 13-0001 Aluminum Horizontal Louver Blinds^(12 21 13 13)

12 21 13 13-0002	SF 1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	9.93	0.84
12 21 13 13-0003	SF 1" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	8.15	0.84
12 21 13 13-0004	SF 1" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	8.84	0.84
12 21 13 13-0005	SF 2" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	10.21	0.84

12 21 13 33 Plastic Horizontal Louver Blinds^(12 21 13)

12 21 13 33-0001 Vinyl Horizontal Louver Blinds^(12 21 13 33)

12 21 13 33-0002	SF 1" Slats, Vinyl Horizontal Louver Blinds.....	8.42	0.84
12 21 13 33-0003	SF 2" Slats, Vinyl Horizontal Louver Blinds.....	9.73	0.84

12 21 16 Vertical Louver Blinds^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds^(12 21 16)

12 21 16 13-0001 Aluminum Vertical Louver Blinds^(12 21 16 13)

12 21 16 13-0002	SF 3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds.....	11.65	1.78
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12 21 16 33 Plastic Vertical Louver Blinds^(12 21 16)

12 21 16 33-0001 Vinyl Vertical Louver Blinds^(12 21 16 33)

12 21 16 33-0002	SF 2" Slats, Vinyl Vertical Louver Blinds	7.58	1.78
12 21 16 33-0003	SF 3-1/2" Slats, Vinyl Vertical Louver Blinds	10.54	1.78

12 22 Curtains And Drapes^(12 20)

12 22 13 Draperies^(12 22)

12 22 13 00-0001 Lined Draperies^(12 22 13)

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies^(12 22 13 00-0001)

12 22 13 00-0003	EA Up To 39" Long, Up To 48" Wide Lined Draperies	232.30	12.67
12 22 13 00-0004	EA >39" To 63" Long, Up To 48" Wide Lined Draperies.....	241.60	12.67
12 22 13 00-0005	EA >63" To 72" Long, Up To 48" Wide Lined Draperies.....	256.72	12.67
12 22 13 00-0006	EA >72" To 81" Long, Up To 48" Wide Lined Draperies.....	262.53	12.67
12 22 13 00-0007	EA >81" To 90" Long, Up To 48" Wide Lined Draperies.....	276.49	12.67
12 22 13 00-0008	EA >90" To 99" Long, Up To 48" Wide Lined Draperies.....	295.09	12.67
12 22 13 00-0009	EA >99" To 108" Long, Up To 48" Wide Lined Draperies.....	306.72	12.67
12 22 13 00-0010	EA >108" To 120" Long, Up To 48" Wide Lined Draperies.....	323.00	12.67
12 22 13 00-0011	EA >120" To 130" Long, Up To 48" Wide Lined Draperies.....	348.58	12.67

12 22 13 00-0012 >48" To 72" Wide Lined Draperies^(12 22 13 00-0001)

12 22 13 00-0013	EA Up To 39" Long, >48" To 72" Wide Lined Draperies.....	336.78	17.23
12 22 13 00-0014	EA >39" To 63" Long, >48" To 72" Wide Lined Draperies.....	357.71	17.23
12 22 13 00-0015	EA >63" To 72" Long, >48" To 72" Wide Lined Draperies.....	373.98	17.23
12 22 13 00-0016	EA >72" To 81" Long, >48" To 72" Wide Lined Draperies.....	387.94	17.23

12 Furnishings
12 20 Window Treatments
12 22 Curtains And Drapes



TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR
CSI UOM DESCRIPTION

12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies.....	420.50	17.23
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies.....	436.78	17.23
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies.....	450.73	17.23
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies.....	480.96	17.23
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies.....	513.52	17.23

12 22 13 00-0022 >72" To 96" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies.....	445.90	21.78
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies.....	476.13	21.78
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies.....	490.08	21.78
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies.....	522.64	21.78
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies.....	552.87	21.78
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies.....	583.10	21.78
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies.....	599.38	21.78
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies.....	631.94	21.78
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies.....	676.12	21.78

12 22 13 00-0032 >96" To 120" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies.....	561.99	26.35
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies.....	592.22	26.35
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies.....	608.50	26.35
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies.....	655.01	26.35
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies.....	685.24	26.35
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies.....	717.80	26.35
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies.....	887.60	26.35
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies.....	796.87	26.35
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies.....	820.12	26.35

12 22 13 00-0042 >120" To 144" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies.....	664.13	30.91
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies.....	708.31	30.91
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies.....	724.59	30.91
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies.....	771.10	30.91
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies.....	817.61	30.91
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies.....	864.12	30.91
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies.....	910.63	30.91
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies.....	957.14	30.91
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies.....	1,015.28	30.91

12 22 13 00-0052 >144" To 168" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies.....	780.22	35.47
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies.....	826.73	35.47
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies.....	861.62	35.47
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies.....	908.13	35.47
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies.....	954.64	35.47
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies.....	1,012.78	35.47
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies.....	1,059.28	35.47
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies.....	1,105.80	35.47
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies.....	1,187.19	35.47

12 22 13 00-0062 >168" To 192" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies.....	882.36	40.03
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies.....	940.50	40.03
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies.....	975.38	40.03
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies.....	1,033.52	40.03
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies.....	1,080.03	40.03
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies.....	1,138.17	40.03
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies.....	1,231.19	40.03
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies.....	1,266.07	40.03
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies.....	1,347.47	40.03

12 22 13 00-0072 >192" To 216" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies.....	996.14	44.59
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies.....	1,042.65	44.59
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies.....	1,089.16	44.59
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies.....	1,158.93	44.59
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies.....	1,228.69	44.59
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies.....	1,298.46	44.59
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies.....	1,356.60	44.59
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies.....	1,414.74	44.59
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies.....	1,519.38	44.59

12 22 13 00-0082 >216" To 240" Wide Lined Draperies (12 22 13 00-0001)

12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies.....	1,098.28	49.15
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies.....	1,179.68	49.15
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies.....	1,214.56	49.15
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies.....	1,284.32	49.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies.....	1,365.72	49.15
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies.....	1,435.48	49.15
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies.....	1,505.25	49.15
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies.....	1,575.02	49.15
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies.....	1,691.29	49.15

12 22 16 Drapery Track And Accessories (12 22)

12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks (12 22 16)

12 22 16 00-0002 Basic Traverse Rod (12 22 16 00-0001)

12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	111.28	39.89
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	127.90	39.89
12 22 16 00-0005	EA	Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	150.96	44.33
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	202.84	44.33
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	211.88	48.76

12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod (12 22 16 00-0001)

12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	127.21	39.89
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	137.93	39.89
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	176.22	44.33
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	201.84	48.76

12 22 16 00-0013 Double Traverse Rod (12 22 16 00-0001)

12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	154.55	39.89
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	187.08	39.89
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	233.16	44.33
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	252.72	48.76

12 22 16 00-0018 Curtain Rods (12 22 16 00-0001)

12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	8.62	1.82
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12 22 16 00-0020 Relocate Drapery And Rod (12 22 16 00-0001)

12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod..... Note: Includes storage and cleaning.	26.59	
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12 22 16 00-0022 Motorized Drapery Track (12 22 16)

12 22 16 00-0023	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,079.82	102.06
12 22 16 00-0024	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,127.95	112.27
12 22 16 00-0025	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,176.07	122.47
12 22 16 00-0026	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,224.21	132.68
12 22 16 00-0027	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,272.34	142.88
12 22 16 00-0028	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,320.48	153.08
12 22 16 00-0029	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,368.60	163.29
12 22 16 00-0030	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,416.73	173.50
12 22 16 00-0031	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,464.87	183.70
12 22 16 00-0032	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,513.00	193.91
12 22 16 00-0033	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,561.13	204.12
12 22 16 00-0034	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,609.26	214.32
12 22 16 00-0035	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,657.39	224.53
12 22 16 00-0036	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,705.53	234.73
12 22 16 00-0037	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,753.66	244.93
12 22 16 00-0038	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,801.79	255.14
12 22 16 00-0039	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,849.92	265.35
12 22 16 00-0040	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,898.05	275.56
12 22 16 00-0041	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,946.18	285.76
12 22 16 00-0042	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	1,994.32	295.97
12 22 16 00-0043	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E).....	2,042.44	306.18

12 24 Window Shades (12 20)

12 24 13 Roller Window Shades (12 24)

12 24 13 00-0001 Roller Window Shades (12 24 13)

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades (12 24 13 00-0001)

Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades.....	12.63	0.60
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	12.63	0.60

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades (12 24 13 00-0001)

Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades.....	16.13	0.60
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12 Furnishings**12 20 Window Treatments****12 24 Window Shades**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 24 13 00-0007	Vinyl Coated Polyester, Roller Window Shades <small>(12 24 13 00-0001)</small>		
	Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF 1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades.....	12.63	0.60

12 30 Casework (12)**12 31 Manufactured Metal Casework** (12 30)**12 31 16 Manufactured Metal Sandwich Panel Casework** (12 31)

12 31 16 00-0001	34-1/2" High x 24" Deep, Stainless Steel Cabinets <small>(12 31 16)</small>		
12 31 16 00-0002	18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets <small>(12 31 16 00-0001)</small>		
12 31 16 00-0003	18" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0004	EA 18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,532.80	224.58
	For 16 Gauge Stainless Steel, Add	232.95	
	For >5 To 9, Deduct	-56.88	
	For >9, Deduct	-113.77	
12 31 16 00-0005	EA 18" Stainless Steel Base Cabinet, With 4 Drawers	2,453.09	224.58
	For 16 Gauge Stainless Steel, Add	430.81	
	For >5 To 9, Deduct	-105.20	
	For >9, Deduct	-210.40	
12 31 16 00-0006	EA 18" Stainless Steel Base Cabinet, With 3 Drawers	2,279.43	224.58
	For 16 Gauge Stainless Steel, Add	393.48	
	For >5 To 9, Deduct	-96.08	
	For >9, Deduct	-192.16	
12 31 16 00-0007	EA 18" Stainless Steel Base Cabinet, With 2 Drawers	2,105.78	224.58
	For 16 Gauge Stainless Steel, Add	356.14	
	For >5 To 9, Deduct	-86.97	
	For >9, Deduct	-173.93	
12 31 16 00-0008	EA 18" Stainless Steel Base Cabinet, With Doors And Drawers	2,046.85	224.58
	For 16 Gauge Stainless Steel, Add	343.47	
	For >5 To 9, Deduct	-83.87	
	For >9, Deduct	-167.74	
12 31 16 00-0009	24" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0010	EA 24" Stainless Steel Base Cabinet, With Doors And Locks	2,194.07	242.73
	For 16 Gauge Stainless Steel, Add	367.28	
	For >5 To 9, Deduct	-89.68	
	For >9, Deduct	-179.37	
12 31 16 00-0011	EA 24" Stainless Steel Base Cabinet, With Door, No Locks	1,982.18	242.73
	For 16 Gauge Stainless Steel, Add	321.72	
	For >5 To 9, Deduct	-78.56	
	For >9, Deduct	-157.12	
12 31 16 00-0012	EA 24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,028.57	242.73
	For 16 Gauge Stainless Steel, Add	331.69	
	For >5 To 9, Deduct	-80.99	
	For >9, Deduct	-161.99	
12 31 16 00-0013	EA 24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,244.23	242.73
	For 16 Gauge Stainless Steel, Add	378.06	
	For >5 To 9, Deduct	-92.32	
	For >9, Deduct	-184.63	
12 31 16 00-0014	EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,898.08	242.73
	For 16 Gauge Stainless Steel, Add	518.64	
	For >5 To 9, Deduct	-126.64	
	For >9, Deduct	-253.29	
12 31 16 00-0015	EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks.....	3,178.31	242.73
	For 16 Gauge Stainless Steel, Add	578.89	
	For >5 To 9, Deduct	-141.36	
	For >9, Deduct	-282.71	
12 31 16 00-0016	30" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0017	EA 30" Stainless Steel Base Cabinet, No Doors, No Drawers.....	1,942.11	255.78
	For 16 Gauge Stainless Steel, Add	307.61	
	For >5 To 9, Deduct	-75.11	
	For >9, Deduct	-150.23	
12 31 16 00-0018	EA 30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,792.19	255.78
	For 16 Gauge Stainless Steel, Add	490.38	
	For >5 To 9, Deduct	-119.74	
	For >9, Deduct	-239.49	
12 31 16 00-0019	EA 30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks.....	3,573.93	255.78
	For 16 Gauge Stainless Steel, Add	658.45	
	For >5 To 9, Deduct	-160.78	
	For >9, Deduct	-321.57	
12 31 16 00-0020	EA 30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,293.71	255.78
	For 16 Gauge Stainless Steel, Add	598.20	
	For >5 To 9, Deduct	-146.07	
	For >9, Deduct	-292.15	
12 31 16 00-0021	EA 30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer.....	3,120.06	255.78
	For 16 Gauge Stainless Steel, Add	560.87	
	For >5 To 9, Deduct	-136.96	
	For >9, Deduct	-273.91	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 31 16 00-0022	EA			30" Stainless Steel Base Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,415.42 409.37 -99.96 -199.93	255.78
12 31 16 00-0023	EA			30" Stainless Steel Base Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,394.11 404.79 -98.84 -197.69	255.78
12 31 16 00-0024				36" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0025	EA			36" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,141.24 345.90 -84.46 -168.93	265.93
12 31 16 00-0026	EA			36" Stainless Steel Base Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,593.86 443.22 -108.23 -216.45	265.93
12 31 16 00-0027	EA			36" Stainless Steel Base Cabinet, With Door, No Lock <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,427.11 407.36 -99.47 -198.95	265.93
12 31 16 00-0028	EA			36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,771.18 696.34 -170.04 -340.07	265.93
12 31 16 00-0029	EA			36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,491.58 636.23 -155.36 -310.71	265.93
12 31 16 00-0030				42" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0031	EA			42" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,248.63 361.92 -88.37 -176.75	282.62
12 31 16 00-0032	EA			42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,978.25 733.78 -179.18 -358.36	282.62
12 31 16 00-0033	EA			42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,698.03 673.54 -164.47 -328.94	282.62
12 31 16 00-0034	EA			42" Stainless Steel Base Cabinet, No Doors, 2 Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,407.77 611.13 -149.23 -298.46	282.62
12 31 16 00-0035	EA			42" Stainless Steel Base Cabinet, With Doors, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,634.80 444.94 -108.65 -217.30	282.62
12 31 16 00-0036	EA			42" Stainless Steel Base Cabinet, With Doors And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,799.05 480.26 -117.27 -234.54	282.62
12 31 16 00-0037				48" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0038	EA			48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,170.32 772.37 -188.60 -377.20	289.15
12 31 16 00-0039	EA			48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,890.72 712.25 -173.92 -347.85	289.15
12 31 16 00-0040	EA			48" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,440.70 400.50 -97.80 -195.59	289.15
12 31 16 00-0041	EA			48" Stainless Steel Base Cabinet, No Doors, 2 Drawers <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,600.46 649.85 -158.68 -317.37	289.15
12 31 16 00-0042	EA			48" Stainless Steel Base Cabinet, With Doors, And Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,993.00 519.24 -126.79 -253.58	289.15
12 31 16 00-0043	EA			48" Stainless Steel Base Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,947.86 509.54 -124.42 -248.84	289.15
12 31 16 00-0044				60" Stainless Steel Base Cabinet (12 31 16 00-0002)		

12 Furnishings**12 30 Casework****12 31 Manufactured Metal Casework**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 31 16 00-0045	EA 24" Deep x 60" Wide Stainless Steel Sink Base Cabinet..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,919.90 499.72 -122.02 -244.05	297.96
12 31 16 00-0046	18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets (12 31 16 00-0001)		
12 31 16 00-0047	12" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0048	EA 12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,164.07 213.51 -52.14 -104.27	85.50
12 31 16 00-0049	EA 12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,161.06 210.63 -51.43 -102.86	90.68
12 31 16 00-0050	18" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0051	EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,220.94 222.95 -54.44 -108.88	91.93
12 31 16 00-0052	EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,152.61 208.26 -50.85 -101.71	91.93
12 31 16 00-0053	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,349.97 247.23 -60.37 -120.74	100.01
12 31 16 00-0054	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,307.97 238.20 -58.16 -116.33	100.01
12 31 16 00-0055	24" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0056	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,020.43 175.64 -42.89 -85.78	101.77
12 31 16 00-0057	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,377.76 252.47 -61.65 -123.30	101.77
12 31 16 00-0058	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,310.06 237.91 -58.10 -116.19	101.77
12 31 16 00-0059	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,296.92 237.93 -58.10 -116.20	95.03
12 31 16 00-0060	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,224.83 222.43 -54.31 -108.63	95.03
12 31 16 00-0061	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,562.73 295.08 -72.05 -144.11	95.03
12 31 16 00-0062	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	935.20 160.16 -39.11 -78.22	95.03
12 31 16 00-0063	EA 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	880.84 150.38 -36.72 -73.44	90.68
12 31 16 00-0064	30" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0065	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,781.79 336.60 -82.19 -164.39	108.09
12 31 16 00-0066	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,617.54 301.29 -73.57 -147.14	108.09
12 31 16 00-0067	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,095.34 189.01 -46.15 -92.31	108.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0068 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,694.13	99.49
For 16 Gauge Stainless Steel, Add	321.44	
For >5 To 9, Deduct	-78.49	
For >9, Deduct	-156.98	
12 31 16 00-0069 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,529.88	99.49
For 16 Gauge Stainless Steel, Add	286.13	
For >5 To 9, Deduct	-69.87	
For >9, Deduct	-139.74	
12 31 16 00-0070 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,007.68	99.49
For 16 Gauge Stainless Steel, Add	173.86	
For >5 To 9, Deduct	-42.45	
For >9, Deduct	-84.91	
12 31 16 00-0071 EA 30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	952.96	94.83
For 16 Gauge Stainless Steel, Add	164.12	
For >5 To 9, Deduct	-40.08	
For >9, Deduct	-80.15	
12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0073 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,852.68	111.21
For 16 Gauge Stainless Steel, Add	350.51	
For >5 To 9, Deduct	-85.59	
For >9, Deduct	-171.18	
12 31 16 00-0074 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,684.68	111.21
For 16 Gauge Stainless Steel, Add	314.39	
For >5 To 9, Deduct	-76.77	
For >9, Deduct	-153.54	
12 31 16 00-0075 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,166.23	111.21
For 16 Gauge Stainless Steel, Add	202.92	
For >5 To 9, Deduct	-49.55	
For >9, Deduct	-99.10	
12 31 16 00-0076 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,763.93	101.77
For 16 Gauge Stainless Steel, Add	335.50	
For >5 To 9, Deduct	-81.92	
For >9, Deduct	-163.85	
12 31 16 00-0077 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,600.31	101.77
For 16 Gauge Stainless Steel, Add	300.32	
For >5 To 9, Deduct	-73.33	
For >9, Deduct	-146.67	
12 31 16 00-0078 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,077.48	101.77
For 16 Gauge Stainless Steel, Add	187.91	
For >5 To 9, Deduct	-45.89	
For >9, Deduct	-91.77	
12 31 16 00-0079 EA 36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,023.90	96.91
For 16 Gauge Stainless Steel, Add	178.46	
For >5 To 9, Deduct	-43.58	
For >9, Deduct	-87.16	
12 31 16 00-0080 42" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0081 EA 42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,946.81	139.92
For 16 Gauge Stainless Steel, Add	358.45	
For >5 To 9, Deduct	-87.53	
For >9, Deduct	-175.06	
12 31 16 00-0082 EA 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,948.46	132.04
For 16 Gauge Stainless Steel, Add	362.17	
For >5 To 9, Deduct	-88.44	
For >9, Deduct	-176.87	
12 31 16 00-0083 EA 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,781.71	132.04
For 16 Gauge Stainless Steel, Add	326.32	
For >5 To 9, Deduct	-79.68	
For >9, Deduct	-159.37	
12 31 16 00-0084 EA 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,260.75	132.04
For 16 Gauge Stainless Steel, Add	214.31	
For >5 To 9, Deduct	-52.33	
For >9, Deduct	-104.67	
12 31 16 00-0085 EA 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,834.11	110.90
For 16 Gauge Stainless Steel, Add	346.66	
For >5 To 9, Deduct	-84.65	
For >9, Deduct	-169.30	
12 31 16 00-0086 EA 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,668.61	110.90
For 16 Gauge Stainless Steel, Add	311.07	
For >5 To 9, Deduct	-75.96	
For >9, Deduct	-151.92	
12 31 16 00-0087 EA 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,147.65	110.90
For 16 Gauge Stainless Steel, Add	199.07	
For >5 To 9, Deduct	-48.61	
For >9, Deduct	-97.22	
12 31 16 00-0088 48" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0089 EA 48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks.....	1,717.70	139.92
For 16 Gauge Stainless Steel, Add	307.98	
For >5 To 9, Deduct	-75.20	
For >9, Deduct	-150.41	
12 31 16 00-0090 EA 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,017.95	134.94
For 16 Gauge Stainless Steel, Add	375.83	
For >5 To 9, Deduct	-91.77	
For >9, Deduct	-183.55	

12 Furnishings

12 30 Casework

12 31 Manufactured Metal Casework



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 31 16 00-0091	EA 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,853.71 340.52 -83.15 -166.30	134.94
12 31 16 00-0092	EA 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,331.50 228.24 -55.73 -111.47	134.94
12 31 16 00-0093	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,902.58 360.89 -88.12 -176.25	111.93
12 31 16 00-0094	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,738.96 325.71 -79.53 -159.07	111.93
12 31 16 00-0095	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,216.12 213.30 -52.09 -104.17	111.93
12 31 16 00-0096	Accessories <small>(12 31 16 00-0001)</small>		
12 31 16 00-0097	Stainless Steel Countertops <small>(12 31 16 00-0096)</small> Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF 16 Gauge Stainless Steel Countertop With Backsplash <i>For 14 Gauge Stainless Steel, Add</i>	81.78 15.55	5.70
12 31 16 00-0099	SF 16 Gauge Stainless Steel Countertop Without Backsplash <i>For 14 Gauge Stainless Steel, Add</i>	75.19 14.10	5.70
12 31 16 00-0100	EA Cutout For Sink And/Or Faucet In Stainless Steel Countertop	151.97	
12 31 16 00-0101	Stainless Steel Wall Panels <small>(12 31 16 00-0096)</small>		
12 31 16 00-0102	SF 20 Gauge Stainless Steel Wall Panel <i>For 18 Gauge Stainless Steel, Add</i> <i>For 16 Gauge Stainless Steel, Add</i>	31.09 3.83 7.38	8.50
12 31 16 00-0103	Pedestal Legs <small>(12 31 16 00-0096)</small>		
12 31 16 00-0104	EA Type #304 Stainless Steel Pedestal Leg	252.44	12.96
12 31 16 00-0105	Stainless Steel Slanted Cabinet Top Enclosure <small>(12 31 16 00-0096)</small>		
12 31 16 00-0106	EA Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	280.29	25.33
12 35	Specialty Casework <small>(12 30)</small>		
12 35 70	Healthcare Casework <small>(12 35)</small>		
12 35 70 13	Hospital Casework <small>(12 35 70)</small>		
12 35 70 13-0001	Modular Casework <small>(12 35 70 13)</small> Note: Midmark.		
12 35 70 13-0002	EA 36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	555.06	74.87
12 35 70 13-0003	EA 36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	688.71	93.59
12 35 70 13-0004	EA 36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	948.66	74.87
12 35 70 13-0005	EA 36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-363624.....	1,091.76	93.59
12 35 70 13-0006	EA 36" High Base Storage Unit, 1 Door; Midmark MC-SBP006-243624	625.12	74.87
12 35 70 13-0007	EA 36" High Base Storage Unit, 2 Doors; Midmark MC-SBP007-363624	838.28	93.59
12 35 70 13-0008	EA 36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-153624	627.48	74.87
12 35 70 13-0009	EA 36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-183624	673.93	74.87
12 35 70 13-0010	EA 36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-213624	714.08	74.87
12 35 70 13-0011	EA 36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-303624	892.60	93.59
12 35 70 13-0012	EA 36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-363624	905.98	93.59
12 35 70 13-0013	EA 36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-243624	834.52	74.87
12 35 70 13-0014	EA 36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-303624	971.32	93.59
12 35 70 13-0015	EA 36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-363624	1,000.44	93.59
12 35 70 13-0016	EA 36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-123624	732.97	74.87
12 35 70 13-0017	EA 36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-153624	753.44	74.87
12 35 70 13-0018	EA 36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-183624	806.18	74.87
12 35 70 13-0019	EA 36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-303624	1,334.22	93.59
12 35 70 13-0020	EA 36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-363624	1,408.21	93.59
12 35 70 13-0021	EA 36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-153624.....	939.22	74.87
12 35 70 13-0022	EA 36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-183624.....	993.53	74.87
12 35 70 13-0023	EA 36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-213624.....	1,087.21	74.87
12 35 70 13-0024	EA 84" High Tall Storage Unit, 2 Doors; Midmark MC-STP032-368424.....	1,931.26	224.61
12 35 70 13-0025	EA 84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors; Midmark MC-STP081-248424.....	1,779.33	224.61
12 35 70 13-0026	EA Desk Filler Panel; Midmark MC-SDA003-060501	75.40	18.72
12 35 70 13-0027	EA 30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-123014	410.22	74.87
12 35 70 13-0028	EA 30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-153014	403.13	74.87
12 35 70 13-0029	EA 30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-183014	428.32	74.87
12 35 70 13-0030	EA 30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-213014	462.17	74.87
12 35 70 13-0031	EA 30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-243014.....	500.75	74.87
12 35 70 13-0032	EA 30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-303014.....	575.36	93.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 35 70 13-0033	EA		30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-363014.....	621.80	93.59
12 35 70 13-0034	EA		30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-303014.....	757.20	93.59
12 35 70 13-0035	EA		30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-363014.....	839.07	93.59
12 35 70 13-0036	LF		19" Self Edge Laminate Countertop With Backsplash.....	105.73	15.20
12 35 70 13-0037	LF		25" Self Edge Laminate Countertop With Backsplash.....	203.94	20.26
12 35 70 13-0038	SF		Melamine Wall Cabinet Inner Soffit.....	31.49	12.67
Note: Includes blocking					

12 35 70 19 Exam Room Casework (12 35 70)

12 35 70 19-0001 Medical Exam Room Cabinetwork (12 35 70 19)

12 35 70 19-0002 Medical Exam Room Wall Cabinets (12 35 70 19-0001)

12 35 70 19-0003 Medical Exam Room Wall Cabinets (Clinton Industries®) (12 35 70 19-0002)

Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.

12 35 70 19-0004	EA		24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212).....	325.11	31.41
For Additional Shelf, Add				27.27	
For Lock And Inside Latch Combo For Double Doors, Add				63.58	
12 35 70 19-0005	EA		24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224).....	352.38	31.41
For Additional Shelf, Add				27.27	
For Lock And Inside Latch Combo For Double Doors, Add				63.58	
12 35 70 19-0006	EA		36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236).....	566.42	41.03
For Additional Shelf, Add				27.27	
For Lock And Inside Latch Combo For Double Doors, Add				63.96	
12 35 70 19-0007	EA		42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242).....	615.92	43.06
For Additional Shelf, Add				27.27	
For Lock And Inside Latch Combo For Double Doors, Add				64.04	
12 35 70 19-0008	EA		48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248).....	679.14	46.10
For Additional Shelf, Add				27.27	
For Lock And Inside Latch Combo For Double Doors, Add				64.16	
12 35 70 19-0009	EA		54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254).....	765.73	49.13
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				43.51	
For Lock And Inside Latch Combo For Double Doors, Add				64.29	
12 35 70 19-0010	EA		66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266).....	879.30	52.68
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				43.65	
For Lock And Inside Latch Combo For Double Doors, Add				64.43	
12 35 70 19-0011	EA		72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272).....	930.82	55.73
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				43.77	
For Lock And Inside Latch Combo For Double Doors, Add				64.55	

12 35 70 19-0012 Medical Exam Room Base Cabinets (12 35 70 19-0001)

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) (12 35 70 19-0012)

Note: Include polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA		24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060).....	1,070.48	77.50
For Lock For Single Door/Drawer, Add				44.63	
For Soft Edge Top, Add				318.14	
12 35 70 19-0015	EA		24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001).....	1,105.54	77.50
For Lock For Single Door/Drawer, Add				44.63	
For Soft Edge Top, Add				318.14	
12 35 70 19-0016	EA		24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001).....	1,235.39	77.50
For Lock For Single Door/Drawer, Add				44.63	
For Soft Edge Top, Add				318.14	
12 35 70 19-0017	EA		24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002).....	1,245.78	77.50
For Lock For Single Door/Drawer, Add				44.63	
For Soft Edge Top, Add				318.14	
12 35 70 19-0018	EA		24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002).....	1,401.60	77.50
For Lock For Single Door/Drawer, Add				44.63	
For Soft Edge Top, Add				318.14	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) (12 35 70 19-0012)

Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA		24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76).....	610.38	126.65
Note: Includes stainless steel sink and faucet.					
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				46.59	
For Lock And Inside Latch Combo For Double Doors, Add				67.37	
12 35 70 19-0021	EA		24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024).....	765.32	77.50
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				44.63	
For Lock And Inside Latch Combo For Double Doors, Add				65.41	
12 35 70 19-0022	EA		36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036).....	1,089.73	87.13
For Additional Shelf, Add				27.27	
For Lock For Single Door/Drawer, Add				45.02	
For Lock And Inside Latch Combo For Double Doors, Add				65.80	

12 Furnishings

12 30 Casework

12 35 Specialty Casework



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries@ 8042)	1,179.22	94.23
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	45.30	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	66.08	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries@ 8048)	1,289.25	106.38
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	45.78	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	66.56	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries@ 8054)	1,543.38	113.97
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	46.09	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	66.87	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries@ 8066)	1,702.70	121.58
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	46.39	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	67.17	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries@ 8042-99)	1,842.72	177.30
		Note: Includes stainless steel sink and faucet.		
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	48.61	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	69.39	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries@ 8072)	1,815.29	129.18
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	46.69	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	67.47	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries@ 8048-99)	2,101.91	187.43
		Note: Includes stainless steel sink and faucet.		
		<i>For Additional Shelf, Add</i>	27.27	
		<i>For Lock For Single Door/Drawer, Add</i>	49.01	
		<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	69.79	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations (12 35 70 19-0001)

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) (12 35 70 19-0030)

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,753.11	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,803.75	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	2,196.45	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	2,269.16	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	2,011.51	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	2,063.45	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,609.38	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,658.72	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,268.62	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,323.16	151.97
		<i>For Locks On Single Drawer And All Doors, Add</i>	415.51	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,867.79	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,921.03	192.49
		Note: Includes stainless steel sink and faucet.		
		<i>For Locks On Single Drawer And All Doors, Add</i>	417.93	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,568.85	172.23
		<i>For Locks On Single Drawer And All Doors, Add</i>	416.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 35 70 19-0045	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional) <i>For Locks On Single Drawer And All Doors, Add</i>	2,618.19 416.72	172.23
12 35 70 19-0046	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet. <i>For Locks On Single Drawer And All Doors, Add</i>	3,166.73 419.14	212.76
12 35 70 19-0047	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet. <i>For Locks On Single Drawer And All Doors, Add</i>	3,225.16 419.14	212.76

12 36 Countertops (12 30)

12 36 23 Plastic Countertops (12 36)

12 36 23 13 Plastic-Laminate-Clad Countertops (12 36 23)

12 36 23 13-0001 Plastic Laminate Countertops (12 36 23 13)

Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF		Plastic Laminate Countertop Without Backsplash	15.81	10.13
12 36 23 13-0003	SF		Plastic Laminate Countertop With 4" Backsplash	21.06	10.13
12 36 23 13-0004	LF		Plastic Laminate End Splash For Plastic Laminate Countertops	20.42	3.04
12 36 23 13-0005	EA		Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	84.43	

12 36 61 Simulated Stone Countertops (12 36)

12 36 61 16 Solid Surfacing Countertops (12 36 61)

12 36 61 16-0001 Solid Surface Countertops (12 36 61 16)

12 36 61 16-0002 Solid Surface Countertops (12 36 61 16-0001)

Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 61 16-0003	SF		1/4" Thick, Solid Color, Solid Surface Backsplash..... Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board. <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i>	33.62 10.91 6.40	6.75
12 36 61 16-0004	SF		1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	55.17	10.13
			Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used). <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i> <i>For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i> <i>For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i> <i>For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i> <i>For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i> <i>For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i> <i>For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i> <i>For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i> <i>For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i> <i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Double Basin Kitchen Sink, Add</i>	17.59 10.62 144.19 182.32 133.10 126.86 182.32 182.32 182.32 182.32 182.32 182.32 182.32 164.30 285.61 382.67 414.56 414.56	
12 36 61 16-0005	SF		1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash..... <i>For Up To 50, Add</i> <i>For >50 To 100, Add</i> <i>For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i> <i>For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i> <i>For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i> <i>For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i> <i>For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i> <i>For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i> <i>For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i> <i>For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i> <i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Single Basin Kitchen Sink, Add</i> Note: Single or double bowl. <i>For >3 SF Integral Double Basin Kitchen Sink, Add</i>	61.25 19.41 11.84 144.19 182.32 133.10 126.86 182.32 182.32 182.32 182.32 182.32 164.30 285.61 382.67 414.56 414.56	10.13
12 36 61 16-0006	LF		1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops.....	18.97	4.30
12 36 61 16-0007	EA		Cutout For Undercounter Sink In Solid Surface Countertop	151.97	
			Note: Not including integral seamed sinks		

12 36 61 16-0008 Integral Seamless Solid Surface Lavatory (12 36 61 16-0001)

Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 Furnishings

12 30 Casework

12 36 Countertops

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 36 61 16-0009	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810).....	178.64	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815).....	216.77	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816).....	167.55	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820).....	161.31	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830).....	216.77	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831).....	216.77	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835).....	216.77	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837).....	216.77	

12 36 61 16-0017 Integral Seamless Solid Surface Kitchen Sink (12 36 61 16-0001)

Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 36 61 16-0018	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	245.35	
12 36 61 16-0019	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	366.66	
12 36 61 16-0020	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	463.72	
12 36 61 16-0021	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink.....	495.61	
12 36 61 16-0022	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink.....	495.61	

12 36 61 19 Quartz Agglomerate Countertops (12 36 61)

12 36 61 19-0001 Quartz Agglomerate Countertops (12 36 61 19)

Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	81.10	22.29
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	95.50	22.29
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	91.24	25.95
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	105.63	25.95
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops.....	14.79	4.30
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop.....	151.97	

12 40 Furnishings And Accessories (12)

12 41 Office Accessories (12 40)

12 41 11 Office Accessories (12 41)

12 41 11 00-0001 Wall Mounted Office Accessories (12 41 11)

12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK).....	16.86	3.42
12 41 11 00-0003	EA	Wall Mounted Flag.....	13.08	3.42

12 48 Rugs And Mats (12 40)

12 48 13 Entrance Floor Mats And Frames (12 48)

12 48 13 13 Entrance Floor Mats (12 48 13)

12 48 13 13-0001 Floor Mats (12 48 13 13)

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat.....	11.90	2.22
		<i>For Colors, Add</i>	1.49	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat.....	14.20	2.22
		<i>For Colors, Add</i>	1.95	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat.....	12.48	2.22
		<i>For Colors, Add</i>	1.61	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat.....	14.78	2.22
		<i>For Colors, Add</i>	2.07	

12 48 13 13-0006 Link Mats (12 48 13 13)

Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum.....	30.25	2.22
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods.....	12.33	2.22
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats.....	13.93	2.22
12 48 13 13-0010	SF	Vinyl Link Mats, Color.....	13.19	2.22
12 48 13 13-0011	LF	Rubber Nosing.....	3.94	0.97

12 48 13 13-0012 Duckboard (12 48 13 13)

12 48 13 13-0013	SF	Aluminum Slats.....	43.57	2.63
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base.....	12.89	2.63
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers.....	14.02	2.63
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick.....	15.31	2.63
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom.....	7.76	2.63
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom.....	9.74	2.63

12 48 13 16 Entrance Floor Mat Frames (12 48 13)

12 48 13 16-0001 Recessed Frames (12 48 13 16)

12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame.....	20.26	4.05
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame.....	17.41	4.05

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 50 Furniture⁽¹²⁾

12 59 Systems Furniture^(12 50)

12 59 13 Panel-Hung Component System Furniture^(12 59)

12 59 13 00-0001 Panel Hung Furniture, Office Systems^(12 59 13)

12 59 13 00-0002	EA Acoustic Panel, 43" High, 24" Wide, NRC .85	351.08	
12 59 13 00-0003	EA Acoustic Panel, 43" High, 30" Wide, NRC .85	391.78	
12 59 13 00-0004	EA Acoustic Panel, 43" High, 36" Wide, NRC .85	432.86	
12 59 13 00-0005	EA Acoustic Panel, 43" High, 48" Wide, NRC .85	518.45	
12 59 13 00-0006	EA Acoustic Panel, 64" High, 30" Wide, NRC .85	465.96	
12 59 13 00-0007	EA Acoustic Panel, 64" High, 36" Wide, NRC .85	499.05	
12 59 13 00-0008	EA Acoustic Panel, 64" High, 42" Wide, NRC .85	579.30	
12 59 13 00-0009	EA Acoustic Panel, 64" High, 48" Wide, NRC .85	614.29	
12 59 13 00-0010	EA Acoustic Panel, 64" High, 60" Wide, NRC .85	673.23	
12 59 13 00-0011	EA Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	162.62	
12 59 13 00-0012	EA Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	170.60	
12 59 13 00-0013	EA Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	175.36	
12 59 13 00-0014	EA Cantilever Bracket, 20" Deep, 24" Deep	54.58	
12 59 13 00-0015	PR Countertop Bracket, Pair	22.80	
12 59 13 00-0016	EA Flat Bracket, 20" Deep, 24" Wide	28.17	
12 59 13 00-0017	PR Worksurface Kit, Pair	22.80	
12 59 13 00-0018	EA Connector Kit, Ell, 43" High, 90" Deep	98.32	
12 59 13 00-0019	EA Connector Kit, Ell, 64" High, 90" Deep	57.62	
12 59 13 00-0020	EA Connector Kit, Straight, 43" High	39.94	
12 59 13 00-0021	EA Connector Kit, Straight, 64" High	41.26	
12 59 13 00-0022	EA Support Column For Peninsula, 29-1/2" High	141.12	
12 59 13 00-0023	EA Countertop, 15" Deep, 36" Wide	185.24	
12 59 13 00-0024	EA Countertop, 15" Deep, 48" Wide	206.55	
12 59 13 00-0025	EA Duplex Receptacle Circuit 1	20.16	
12 59 13 00-0026	EA Duplex Receptacle Circuit 2	20.16	
12 59 13 00-0027	EA Electric Power Harness, 36" Wide	131.60	
12 59 13 00-0028	EA Electric Power Harness, 42" Wide	134.94	
12 59 13 00-0029	EA Electric Power Harness, 60" Wide	138.27	
12 59 13 00-0030	EA Panel End Cover, 43" High	39.94	
12 59 13 00-0031	EA Panel End Cover, 64" High	39.94	
12 59 13 00-0032	EA Finish End Cover, 2-way, Variable Height	60.48	
12 59 13 00-0033	EA Overhead Cabinet With Door, 42" Wide	380.36	
12 59 13 00-0034	EA Overhead Cabinet With Door, 60" Wide	577.75	
12 59 13 00-0035	EA Pedestal Spacer, 22" Deep, 15" Wide	65.43	
12 59 13 00-0036	EA Pedestal Spacer, 28" Deep, 15" Wide	78.92	
12 59 13 00-0037	EA Pedestal Box, Box, File, 22" Deep, 26" High	459.89	
12 59 13 00-0038	EA Pedestal Box, Box, File, 28" Deep, 26" High	479.64	
12 59 13 00-0039	EA Pedestal File, File, 22" Deep, 26" High	428.70	
12 59 13 00-0040	EA Pedestal Lateral File, 2 Drawer, 30" Wide	604.78	
12 59 13 00-0041	EA Base In Feed Power Cable	242.94	
12 59 13 00-0042	EA Task Light, Recessed, 30" - 36" Wide	178.40	
12 59 13 00-0043	EA Task Light, Recessed, 42" - 48" Wide	192.85	
12 59 13 00-0044	EA Task Light, Recessed, 60" Wide	208.82	
12 59 13 00-0045	EA Worksurface, Radius Edge, 24" Deep, 36" Wide	192.08	
12 59 13 00-0046	EA Worksurface, Radius Edge, 24" Deep, 42" Wide	235.83	
12 59 13 00-0047	EA Worksurface, Radius Edge, 24" Deep, 48" Wide	251.44	
12 59 13 00-0048	EA Worksurface, Radius Edge, 24" Deep, 60" Wide	315.72	
12 59 13 00-0049	EA Worksurface, Radius Edge, 24" Deep, 72" Wide	356.78	
12 59 13 00-0050	EA Worksurface, Radius Edge, 30" Deep, 42" Wide	302.39	
12 59 13 00-0051	EA Worksurface, Radius Edge, 30" Deep, 60" Wide	352.99	
12 59 13 00-0052	EA Worksurface, Radius Edge, 30" Deep, 72" Wide	401.67	
12 59 13 00-0053	EA Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	462.14	
12 59 13 00-0054	EA Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	525.25	
12 59 13 00-0055	EA Worksurface, Peninsula, 36" Wide, 66" Long	604.78	

12 59 13 00-0056 Open Office Systems Furniture Components^(12 59 13)

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA 34H 24W Fabric Covered Panel - Component Systems Furniture	187.85	20.17
	For Tackable Acoustical Barrier Panel, Add	31.61	
	For Acoustical Panel, Add	34.36	
	For Enameled Surface, Deduct	-13.75	
12 59 13 00-0058	EA 34H 30W Fabric Covered Panel - Component Systems Furniture	208.78	22.45
	For Tackable Acoustical Barrier Panel, Add	35.13	
	For Acoustical Panel, Add	38.19	
	For Enameled Surface, Deduct	-15.28	
12 59 13 00-0059	EA 34H 36W Fabric Covered Panel - Component Systems Furniture	223.24	23.91
	For Tackable Acoustical Barrier Panel, Add	37.57	
	For Acoustical Panel, Add	40.84	
	For Enameled Surface, Deduct	-16.33	
12 59 13 00-0060	EA 34H 48W Fabric Covered Panel - Component Systems Furniture	250.14	26.85
	For Tackable Acoustical Barrier Panel, Add	42.10	
	For Acoustical Panel, Add	45.76	
	For Enameled Surface, Deduct	-18.30	
12 59 13 00-0061	EA 42H 24W Fabric Covered Panel - Component Systems Furniture	190.83	20.47
	For Tackable Acoustical Barrier Panel, Add	32.11	
	For Acoustical Panel, Add	34.91	
	For Enameled Surface, Deduct	-13.96	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59	13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture.....	215.73	23.11
			<i>For Tackable Acoustical Barrier Panel, Add</i>	36.31	
			<i>For Acoustical Panel, Add</i>	39.47	
			<i>For Enameled Surface, Deduct</i>	-15.79	
12 59	13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture.....	241.65	25.97
			<i>For Tackable Acoustical Barrier Panel, Add</i>	40.67	
			<i>For Acoustical Panel, Add</i>	44.21	
			<i>For Enameled Surface, Deduct</i>	-17.68	
12 59	13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture.....	284.02	30.44
			<i>For Tackable Acoustical Barrier Panel, Add</i>	47.80	
			<i>For Acoustical Panel, Add</i>	51.96	
			<i>For Enameled Surface, Deduct</i>	-20.78	
12 59	13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture.....	183.86	19.74
			<i>For Tackable Acoustical Barrier Panel, Add</i>	30.94	
			<i>For Acoustical Panel, Add</i>	33.63	
			<i>For Enameled Surface, Deduct</i>	-13.45	
12 59	13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture.....	226.22	24.28
			<i>For Tackable Acoustical Barrier Panel, Add</i>	38.07	
			<i>For Acoustical Panel, Add</i>	41.38	
			<i>For Enameled Surface, Deduct</i>	-16.55	
12 59	13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture.....	283.04	30.37
			<i>For Tackable Acoustical Barrier Panel, Add</i>	47.63	
			<i>For Acoustical Panel, Add</i>	51.77	
			<i>For Enameled Surface, Deduct</i>	-20.71	
12 59	13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture.....	338.81	36.32
			<i>For Tackable Acoustical Barrier Panel, Add</i>	57.02	
			<i>For Acoustical Panel, Add</i>	61.98	
			<i>For Enameled Surface, Deduct</i>	-24.79	
12 59	13 00-0069	EA	34" Draw Rod Panel Connector Hardware.....	10.26	1.10
12 59	13 00-0070	EA	42" Draw Rod Panel Connector Hardware.....	10.26	1.10
12 59	13 00-0071	EA	62" Draw Rod Panel Connector Hardware.....	10.95	1.17
12 59	13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware.....	47.19	5.07
12 59	13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware.....	54.71	5.87
12 59	13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware.....	62.92	6.75
12 59	13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware.....	73.19	7.85
12 59	13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware.....	84.80	9.10
12 59	13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware.....	98.48	10.56
12 59	13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware.....	92.33	9.90
12 59	13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware.....	108.07	11.59
12 59	13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware.....	129.94	13.94
12 59	13 00-0081	EA	34" Panel End Cap Hardware.....	15.73	1.68
12 59	13 00-0082	EA	42" Panel End Cap Hardware.....	17.78	1.91
12 59	13 00-0083	EA	62" Panel End Cap Hardware.....	19.15	2.06
12 59	13 00-0084	EA	28" Variable Height Panel End Filler.....	17.35	1.91
			Note: Field cut to appropriate length.		
12 59	13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway.....	8.93	0.95
12 59	13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway.....	9.42	1.02
12 59	13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway.....	10.91	1.17
12 59	13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway.....	8.93	0.95
12 59	13 00-0089	EA	12" Cable Management Raceway Assembly.....	18.35	1.98
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59	13 00-0090	EA	24" Cable Management Raceway Assembly.....	20.83	2.20
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59	13 00-0091	EA	30" Cable Management Raceway Assembly.....	21.32	2.28
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59	13 00-0092	EA	36" Cable Management Raceway Assembly.....	23.81	2.57
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59	13 00-0093	EA	48" Cable Management Raceway Assembly.....	26.77	2.86
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59	13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	143.99	15.41
12 59	13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	177.39	19.00
12 59	13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	167.43	17.97
12 59	13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	209.29	22.45
12 59	13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	211.27	22.67
12 59	13 00-0099	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	266.09	28.61
12 59	13 00-0100	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	256.60	27.51
12 59	13 00-0101	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	322.36	34.55
12 59	13 00-0102	EA	30" x 60" Radiused Edge Table.....	572.66	61.47
12 59	13 00-0103	EA	30" x 72" Radiused Edge Table.....	625.81	67.20
12 59	13 00-0104	EA	14" x 24" Radiused Edge Transaction Surface.....	68.75	7.41
12 59	13 00-0105	EA	14" x 36" Radiused Edge Transaction Surface.....	78.21	8.36
12 59	13 00-0106	EA	14" x 48" Radiused Edge Transaction Surface.....	87.70	9.39
12 59	13 00-0107	EA	14" x 60" Radiused Edge Transaction Surface.....	109.12	11.73
12 59	13 00-0108	EA	14" x 72" Radiused Edge Transaction Surface.....	131.03	14.08
12 59	13 00-0109	EA	14" Right Angle Corner Transaction Surface.....	229.22	24.57
12 59	13 00-0110	EA	Transaction Surface Support.....	18.15	1.95
12 59	13 00-0111	EA	Plastic Pencil Drawer.....	19.72	1.91
12 59	13 00-0112	EA	15-1/2" x 24" Hanging Shelf.....	66.94	7.19
12 59	13 00-0113	EA	15-1/2" x 36" Hanging Shelf.....	72.89	7.77
12 59	13 00-0114	EA	15-1/2" x 48" Hanging Shelf.....	77.84	8.36
12 59	13 00-0115	EA	24" Flipper Door - Top And Front Closure.....	115.52	12.40
			Note: Used with hanging shelf.		
12 59	13 00-0116	EA	36" Flipper Door - Top And Front Closure.....	134.86	14.52
			Note: Used with hanging shelf.		
12 59	13 00-0117	EA	48" Flipper Door - Top And Front Closure.....	154.70	16.58
			Note: Used with hanging shelf.		
12 59	13 00-0118	EA	24" Suspended Lateral File, Lockable.....	398.23	42.52
12 59	13 00-0119	EA	30" Suspended Lateral File, Lockable.....	420.59	44.90

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 59 13 00-0120	EA	36" Suspended Lateral File, Lockable	443.79	47.37
12 59 13 00-0121	EA	48" Suspended Lateral File, Lockable	485.37	51.81
12 59 13 00-0122	EA	Fully Adjustable Vinyl Keyboard Tray	180.50	19.37
12 59 13 00-0123	EA	Palm Rest For Vinyl Keyboard Tray.....	28.25	3.08
12 59 13 00-0124	EA	24" x 36" Radiused Edge Corner Work Surface	228.03	24.50
12 59 13 00-0125	EA	File Drawer Organizer.....	73.39	7.85
12 59 13 00-0126	EA	Suspended Lateral File Converter Bracket	15.86	1.68
12 59 13 00-0127	EA	Utility Task Light	79.33	8.51

12 59 13 00-0128 Disassemble And Store Systems Furniture Components (12 59 13)

12 59 13 00-0129	EA	Disassemble And Store 34H 24W Fabric Covered Panel.....	25.20	
12 59 13 00-0130	EA	Disassemble And Store 34H 30W Fabric Covered Panel.....	28.01	
12 59 13 00-0131	EA	Disassemble And Store 34H 36W Fabric Covered Panel.....	29.96	
12 59 13 00-0132	EA	Disassemble And Store 34H 48W Fabric Covered Panel.....	33.57	
12 59 13 00-0133	EA	Disassemble And Store 42H 24W Fabric Covered Panel.....	25.61	
12 59 13 00-0134	EA	Disassemble And Store 42H 30W Fabric Covered Panel.....	28.96	
12 59 13 00-0135	EA	Disassemble And Store 42H 36W Fabric Covered Panel.....	32.44	
12 59 13 00-0136	EA	Disassemble And Store 42H 48W Fabric Covered Panel.....	38.11	
12 59 13 00-0137	EA	Disassemble And Store 62H 12W Fabric Covered Panel.....	24.67	
12 59 13 00-0138	EA	Disassemble And Store 62H 24W Fabric Covered Panel.....	30.36	
12 59 13 00-0139	EA	Disassemble And Store 62H 36W Fabric Covered Panel.....	37.98	
12 59 13 00-0140	EA	Disassemble And Store 62H 48W Fabric Covered Panel.....	45.48	
12 59 13 00-0141	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.37	
12 59 13 00-0142	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.37	
12 59 13 00-0143	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.46	
12 59 13 00-0144	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	6.33	
12 59 13 00-0145	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	7.34	
12 59 13 00-0146	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	8.45	
12 59 13 00-0147	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	9.82	
12 59 13 00-0148	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	11.38	
12 59 13 00-0149	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	13.22	
12 59 13 00-0150	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware.....	12.39	
12 59 13 00-0151	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware.....	14.50	
12 59 13 00-0152	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware.....	17.44	
12 59 13 00-0153	EA	Disassemble And Store 34" Panel End Cap Hardware.....	2.11	
12 59 13 00-0154	EA	Disassemble And Store 42" Panel End Cap Hardware.....	2.39	
12 59 13 00-0155	EA	Disassemble And Store 62" Panel End Cap Hardware.....	2.57	
12 59 13 00-0156	EA	Disassemble And Store Variable Height Panel End Filler.....	2.33	
12 59 13 00-0157	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.19	
12 59 13 00-0158	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.26	
12 59 13 00-0159	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.46	
12 59 13 00-0160	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway.....	1.19	
12 59 13 00-0161	EA	Disassemble And Store 12" Cable Management Raceway Assembly.....	2.47	
12 59 13 00-0162	EA	Disassemble And Store 24" Cable Management Raceway Assembly.....	2.80	
12 59 13 00-0163	EA	Disassemble And Store 30" Cable Management Raceway Assembly.....	2.86	
12 59 13 00-0164	EA	Disassemble And Store 36" Cable Management Raceway Assembly.....	3.19	
12 59 13 00-0165	EA	Disassemble And Store 48" Cable Management Raceway Assembly.....	3.59	
12 59 13 00-0166	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	19.33	
12 59 13 00-0167	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	23.81	
12 59 13 00-0168	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	22.47	
12 59 13 00-0169	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	28.08	
12 59 13 00-0170	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	28.35	
12 59 13 00-0171	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	35.71	
12 59 13 00-0172	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	34.44	
12 59 13 00-0173	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	43.27	
12 59 13 00-0174	EA	Disassemble And Store 30" x 60" Radiused Edge Table.....	66.82	
12 59 13 00-0175	EA	Disassemble And Store 30" x 72" Radiused Edge Table.....	83.97	
12 59 13 00-0176	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface.....	9.23	
12 59 13 00-0177	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface.....	10.50	
12 59 13 00-0178	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface.....	11.76	
12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface.....	14.64	
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface.....	17.58	
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface.....	30.76	
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support.....	2.43	
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer.....	2.40	
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	8.99	
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	9.78	
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	10.45	
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf	15.51	
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf	18.10	
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf	20.76	
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File	53.14	
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File	56.12	
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File	59.22	
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File	64.77	
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray.....	24.22	
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	30.61	
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light.....	10.65	

12 59 13 00-0197 Reconfigure Systems Furniture Components (12 59 13)

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	26.88	
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel.....	29.88	
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel.....	31.94	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel.....	35.80
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel.....	27.30
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel.....	30.87
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel.....	34.58
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel.....	40.64
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel.....	26.31
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel.....	32.37
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel.....	40.50
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel.....	48.48
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.46
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.46
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.56
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	6.75
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	7.83
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	9.01
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware.....	10.47
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware.....	12.14
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware.....	14.09
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware.....	13.21
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware.....	15.47
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware.....	18.60
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware.....	2.25
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware.....	2.55
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware.....	2.74
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler.....	2.49
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway.....	1.27
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway.....	1.34
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway.....	1.56
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway.....	1.27
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly.....	2.63
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly.....	2.98
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly.....	3.05
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly.....	3.41
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly.....	3.83
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	20.60
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	25.39
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	23.95
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	29.94
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	30.23
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	38.07
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	36.72
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	46.13
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table.....	81.95
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table.....	89.56
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface.....	9.84
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface.....	11.19
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface.....	12.55
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface.....	15.62
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface.....	18.76
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface.....	32.80
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support.....	2.59
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf.....	9.58
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf.....	10.43
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf.....	11.14
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf.....	16.53
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf.....	19.30
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf.....	22.14
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File.....	56.69
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File.....	59.87
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File.....	63.17
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File.....	69.10
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface.....	32.63

12 59 16 Free-Standing Component System Furniture (12 59)

12 59 16 00-0001 Furniture, Office Systems (12 59 16)

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide.....	486.02
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide.....	610.07
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide.....	692.27
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide.....	738.46
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep.....	644.10
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep.....	545.27
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep.....	623.81
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep.....	658.25
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm.....	353.99
12 59 16 00-0011	EA	End Support Leg.....	247.92
12 59 16 00-0012	EA	Modesty Panel, 48" Wide.....	111.07
12 59 16 00-0013	EA	Modesty Panel, Return.....	120.97
12 59 16 00-0014	EA	Pencil/Utility Drawer.....	192.82
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High.....	323.32
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High.....	452.57
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide.....	682.76
12 59 16 00-0018	EA	Printer Stand, Universal.....	900.14
12 59 16 00-0019	EA	Paper Basket.....	80.83
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide.....	1,060.68

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
12 59 16 00-0021	EA Storage Unit With Doors, 72" Wide.....		1,274.36		
12 59 16 00-0022	EA Table, Peninsula, 30" x 72".....		713.55		
12 59 16 00-0023	EA Return Table, 24" x 48".....		538.00		
12 59 16 00-0024	EA Round Conference Return, 42" Diameter		604.78		
12 59 16 00-0025	EA Work Surface, 24" Deep x 48" Wide.....		373.12		
12 59 16 00-0026	EA Work Surface, 30" Deep x 30" Wide		352.99		
12 59 16 00-0027	EA Work Surface, 30" Deep x 60" Wide		494.75		
12 59 16 00-0028	EA Work Surface, 30" Deep x 72" Wide.....		518.97		
12 59 16 00-0029	EA Corner Bridge, 30" x 42".....		547.70		
12 59 16 00-0030	EA Peninsula, 30" x 60".....		773.88		
12 59 16 00-0031	EA Connector Plate.....		20.18		
12 59 16 00-0032	Herman Miller Systems Furniture (12 59 16)				
12 59 16 00-0033	Herman Miller Systems Furniture (12 59 16 00-0032)				
12 59 16 00-0034	EA Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827.....		187.85		20.17
	For Owner Furnished Material, Deduct		-137.45		
12 59 16 00-0035	EA Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827.....		208.78		22.45
	For Owner Furnished Material, Deduct		-152.76		
12 59 16 00-0036	EA Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827.....		223.24		23.91
	For Owner Furnished Material, Deduct		-163.34		
12 59 16 00-0037	EA Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827.....		250.14		26.85
	For Owner Furnished Material, Deduct		-183.03		
12 59 16 00-0038	EA Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827.....		190.83		20.47
	For Owner Furnished Material, Deduct		-139.63		
12 59 16 00-0039	EA Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827.....		215.73		23.11
	For Owner Furnished Material, Deduct		-157.86		
12 59 16 00-0040	EA Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827.....		241.65		25.97
	For Owner Furnished Material, Deduct		-176.82		
12 59 16 00-0041	EA Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827.....		284.02		30.44
	For Owner Furnished Material, Deduct		-207.82		
12 59 16 00-0042	EA Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827.....		183.86		19.74
	For Owner Furnished Material, Deduct		-134.53		
12 59 16 00-0043	EA Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850.....		183.86		19.74
	For Owner Furnished Material, Deduct		-134.53		
12 59 16 00-0044	EA Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827.....		226.22		24.28
	For Owner Furnished Material, Deduct		-165.53		
12 59 16 00-0045	EA Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850.....		226.22		24.28
	For Owner Furnished Material, Deduct		-165.53		
12 59 16 00-0046	EA Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827.....		283.04		30.37
	For Owner Furnished Material, Deduct		-207.09		
12 59 16 00-0047	EA Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850.....		283.04		30.37
	For Owner Furnished Material, Deduct		-207.09		
12 59 16 00-0048	EA Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827.....		338.81		36.32
	For Owner Furnished Material, Deduct		-247.93		
12 59 16 00-0049	EA Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34.....		10.26		1.10
	For Owner Furnished Material, Deduct		-7.51		
12 59 16 00-0050	EA Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42.....		10.26		1.10
	For Owner Furnished Material, Deduct		-7.51		
12 59 16 00-0051	EA Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62.....		10.95		1.17
	For Owner Furnished Material, Deduct		-8.01		
12 59 16 00-0052	EA Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN.....		47.19		5.07
	For Owner Furnished Material, Deduct		-34.53		
12 59 16 00-0053	EA Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN.....		54.71		5.87
	For Owner Furnished Material, Deduct		-40.03		
12 59 16 00-0054	EA Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN.....		62.92		6.75
	For Owner Furnished Material, Deduct		-46.04		
12 59 16 00-0055	EA Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN.....		73.19		7.85
	For Owner Furnished Material, Deduct		-53.55		
12 59 16 00-0056	EA Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN.....		84.80		9.10
	For Owner Furnished Material, Deduct		-62.05		
12 59 16 00-0057	EA Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN.....		98.48		10.56
	For Owner Furnished Material, Deduct		-72.06		
12 59 16 00-0058	EA Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN.....		92.33		9.90
	For Owner Furnished Material, Deduct		-67.56		
12 59 16 00-0059	EA Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN.....		108.07		11.59
	For Owner Furnished Material, Deduct		-79.07		
12 59 16 00-0060	EA Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN.....		129.94		13.94
	For Owner Furnished Material, Deduct		-95.08		
12 59 16 00-0061	EA Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN.....		15.73		1.68
	For Owner Furnished Material, Deduct		-11.51		
12 59 16 00-0062	EA Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN.....		17.78		1.91
	For Owner Furnished Material, Deduct		-13.01		
12 59 16 00-0063	EA Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN.....		19.15		2.06
	For Owner Furnished Material, Deduct		-14.01		
12 59 16 00-0064	EA Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN.....		17.35		1.91
	For Owner Furnished Material, Deduct		-12.70		
12 59 16 00-0065	EA Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT.....		8.93		0.95
	For Owner Furnished Material, Deduct		-6.53		
12 59 16 00-0066	EA Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT.....		9.42		1.02
	For Owner Furnished Material, Deduct		-6.89		
12 59 16 00-0067	EA Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT.....		10.91		1.17
	For Owner Furnished Material, Deduct		-7.98		
12 59 16 00-0068	EA Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT.....		8.93		0.95
	For Owner Furnished Material, Deduct		-6.53		
12 59 16 00-0069	EA Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT.....		18.35		1.98
	For Owner Furnished Material, Deduct		-13.43		

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59	16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT <i>For Owner Furnished Material, Deduct</i>	20.83 -15.24	2.20
12 59	16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT <i>For Owner Furnished Material, Deduct</i>	21.32 -15.60	2.28
12 59	16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT <i>For Owner Furnished Material, Deduct</i>	23.81 -17.42	2.57
12 59	16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT <i>For Owner Furnished Material, Deduct</i>	26.77 -19.59	2.86
12 59	16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT <i>For Owner Furnished Material, Deduct</i>	143.99 -105.36	15.41
12 59	16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT <i>For Owner Furnished Material, Deduct</i>	143.99 -105.36	15.41
12 59	16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT <i>For Owner Furnished Material, Deduct</i>	177.39 -129.80	19.00
12 59	16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT <i>For Owner Furnished Material, Deduct</i>	177.39 -129.80	19.00
12 59	16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT <i>For Owner Furnished Material, Deduct</i>	167.43 -122.51	17.97
12 59	16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT <i>For Owner Furnished Material, Deduct</i>	167.43 -122.51	17.97
12 59	16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT <i>For Owner Furnished Material, Deduct</i>	209.29 -153.13	22.45
12 59	16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT <i>For Owner Furnished Material, Deduct</i>	209.29 -153.13	22.45
12 59	16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT <i>For Owner Furnished Material, Deduct</i>	211.27 -154.59	22.67
12 59	16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT <i>For Owner Furnished Material, Deduct</i>	211.27 -154.59	22.67
12 59	16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT <i>For Owner Furnished Material, Deduct</i>	266.09 -194.70	28.61
12 59	16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT <i>For Owner Furnished Material, Deduct</i>	266.09 -194.70	28.61
12 59	16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT <i>For Owner Furnished Material, Deduct</i>	256.60 -187.76	27.51
12 59	16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT <i>For Owner Furnished Material, Deduct</i>	256.60 -187.76	27.51
12 59	16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT <i>For Owner Furnished Material, Deduct</i>	322.36 -235.89	34.55
12 59	16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT <i>For Owner Furnished Material, Deduct</i>	322.36 -235.89	34.55
12 59	16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT <i>For Owner Furnished Material, Deduct</i>	497.85 -364.27	53.41
12 59	16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT <i>For Owner Furnished Material, Deduct</i>	572.66 -419.05	61.47
12 59	16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT <i>For Owner Furnished Material, Deduct</i>	543.90 -398.00	58.32
12 59	16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT <i>For Owner Furnished Material, Deduct</i>	625.81 -457.86	67.20
12 59	16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT <i>For Owner Furnished Material, Deduct</i>	68.75 -50.31	7.41
12 59	16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT <i>For Owner Furnished Material, Deduct</i>	68.75 -50.31	7.41
12 59	16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT <i>For Owner Furnished Material, Deduct</i>	78.21 -57.23	8.36
12 59	16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT <i>For Owner Furnished Material, Deduct</i>	78.21 -57.23	8.36
12 59	16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT <i>For Owner Furnished Material, Deduct</i>	87.70 -64.17	9.39
12 59	16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT <i>For Owner Furnished Material, Deduct</i>	87.70 -64.17	9.39
12 59	16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT <i>For Owner Furnished Material, Deduct</i>	109.12 -79.84	11.73
12 59	16 00-0101	EA	Counter Cap 60" Herman Miller, AO450.1460-OL-DT <i>For Owner Furnished Material, Deduct</i>	109.12 -79.84	11.73
12 59	16 00-0102	EA	Counter Cap 72" Herman Miller, AO450.1472-M8-DT <i>For Owner Furnished Material, Deduct</i>	131.03 -95.88	14.08
12 59	16 00-0103	EA	Counter Cap 72" Herman Miller, AO450.1472-OL-DT <i>For Owner Furnished Material, Deduct</i>	131.03 -95.88	14.08
12 59	16 00-0104	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT <i>For Owner Furnished Material, Deduct</i>	229.22 -167.72	24.57
12 59	16 00-0105	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT <i>For Owner Furnished Material, Deduct</i>	229.22 -167.72	24.57
12 59	16 00-0106	EA	Pencil Drawer Herman Miller, AO480.DT <i>For Owner Furnished Material, Deduct</i>	19.72 -14.93	1.91
12 59	16 00-0107	EA	Shelf 24" Herman Miller, AO520.1324-LN <i>For Owner Furnished Material, Deduct</i>	66.94 -48.98	7.19
12 59	16 00-0108	EA	Shelf 36" Herman Miller, AO520.1336-LN <i>For Owner Furnished Material, Deduct</i>	72.89 -53.33	7.77
12 59	16 00-0109	EA	Shelf 48" Herman Miller, AO520.1348-LN <i>For Owner Furnished Material, Deduct</i>	77.84 -56.96	8.36
12 59	16 00-0110	EA	Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	115.52 -84.53	12.40
12 59	16 00-0111	EA	Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	134.86 -98.68	14.52
12 59	16 00-0112	EA	Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	154.70 -113.20	16.58
12 59	16 00-0113	EA	Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU <i>For Owner Furnished Material, Deduct</i>	180.50 -132.07	19.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0114	EA		Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790.....	28.25	3.08
			<i>For Owner Furnished Material, Deduct</i>	-20.67	
12 59 16 00-0115	EA		Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24.....	324.40	34.77
			<i>For Owner Furnished Material, Deduct</i>	-237.35	
12 59 16 00-0116	EA		Drawer Pedestal Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24.....	336.10	36.10
			<i>For Owner Furnished Material, Deduct</i>	-245.93	
12 59 16 00-0117	EA		Stationary Divider Herman Miller, G5911.19.....	73.39	7.85
			<i>For Owner Furnished Material, Deduct</i>	-53.70	
12 59 16 00-0118	EA		Utility Tray, Herman Miller, G5912.....	9.42	1.02
			<i>For Owner Furnished Material, Deduct</i>	-6.89	
12 59 16 00-0119	EA		File Converter Herman Miller, G5913.....	15.86	1.68
			<i>For Owner Furnished Material, Deduct</i>	-11.61	
12 59 16 00-0120	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT.....	228.03	24.50
			<i>For Owner Furnished Material, Deduct</i>	-166.86	
12 59 16 00-0121	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT.....	228.03	24.50
			<i>For Owner Furnished Material, Deduct</i>	-166.86	
12 59 16 00-0122	EA		Task Light Herman Miller, G6130.24M-LN.....	79.33	8.51
			<i>For Owner Furnished Material, Deduct</i>	-58.05	
12 59 16 00-0123	EA		48" Round With Steel X Base Herman Miller.....	613.60	65.88
			<i>For Owner Furnished Material, Deduct</i>	-448.96	
12 59 16 00-0124	EA		Double Sided Name Plate Herman Miller, MISCPAO375OBKO.....	31.24	3.37
			<i>For Owner Furnished Material, Deduct</i>	-22.86	
12 59 16 00-0125	EA		Single Sided Name Plate Herman Miller, MISCPAO376OBKO.....	13.65	1.46
			<i>For Owner Furnished Material, Deduct</i>	-9.99	
12 59 16 00-0126 Disassemble And Store (12 59 16 00-0032)					
12 59 16 00-0127	EA		Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827.....	25.20	
12 59 16 00-0128	EA		Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827.....	28.01	
12 59 16 00-0129	EA		Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827.....	29.96	
12 59 16 00-0130	EA		Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827.....	33.57	
12 59 16 00-0131	EA		Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827.....	25.61	
12 59 16 00-0132	EA		Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827.....	28.96	
12 59 16 00-0133	EA		Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827.....	32.44	
12 59 16 00-0134	EA		Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827.....	38.11	
12 59 16 00-0135	EA		Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827.....	24.67	
12 59 16 00-0136	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850.....	24.67	
12 59 16 00-0137	EA		Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827.....	30.36	
12 59 16 00-0138	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850.....	30.36	
12 59 16 00-0139	EA		Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827.....	37.98	
12 59 16 00-0140	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850.....	37.98	
12 59 16 00-0141	EA		Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827.....	45.48	
12 59 16 00-0142	EA		Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34.....	1.37	
12 59 16 00-0143	EA		Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42.....	1.37	
12 59 16 00-0144	EA		Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62.....	1.46	
12 59 16 00-0145	EA		Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN.....	6.33	
12 59 16 00-0146	EA		Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN.....	7.34	
12 59 16 00-0147	EA		Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN.....	8.45	
12 59 16 00-0148	EA		Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN.....	9.82	
12 59 16 00-0149	EA		Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN.....	11.38	
12 59 16 00-0150	EA		Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN.....	13.22	
12 59 16 00-0151	EA		Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN.....	12.39	
12 59 16 00-0152	EA		Disassemble And Store Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN.....	14.50	
12 59 16 00-0153	EA		Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN.....	17.44	
12 59 16 00-0154	EA		Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN.....	2.11	
12 59 16 00-0155	EA		Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN.....	2.39	
12 59 16 00-0156	EA		Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN.....	2.57	
12 59 16 00-0157	EA		Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN.....	2.33	
12 59 16 00-0158	EA		Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT.....	1.19	
12 59 16 00-0159	EA		Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT.....	1.26	
12 59 16 00-0160	EA		Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT.....	1.46	
12 59 16 00-0161	EA		Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT.....	1.19	
12 59 16 00-0162	EA		Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT.....	2.47	
12 59 16 00-0163	EA		Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT.....	2.80	
12 59 16 00-0164	EA		Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT.....	2.86	
12 59 16 00-0165	EA		Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT.....	3.19	
12 59 16 00-0166	EA		Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT.....	3.59	
12 59 16 00-0167	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT.....	19.33	
12 59 16 00-0168	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT.....	19.33	
12 59 16 00-0169	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT.....	23.81	
12 59 16 00-0170	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT.....	23.81	
12 59 16 00-0171	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT.....	22.47	
12 59 16 00-0172	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT.....	22.47	
12 59 16 00-0173	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT.....	28.08	
12 59 16 00-0174	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT.....	28.08	
12 59 16 00-0175	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT.....	28.35	
12 59 16 00-0176	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT.....	28.35	
12 59 16 00-0177	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT.....	35.71	
12 59 16 00-0178	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT.....	35.71	
12 59 16 00-0179	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT.....	34.44	
12 59 16 00-0180	EA		Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT.....	34.44	
12 59 16 00-0181	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT.....	43.27	
12 59 16 00-0182	EA		Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT.....	43.27	
12 59 16 00-0183	EA		Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT.....	66.82	
12 59 16 00-0184	EA		Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT.....	76.86	
12 59 16 00-0185	EA		Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT.....	73.01	

12 Furnishings**12 50 Furniture****12 59 Systems Furniture**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	83.97
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	9.23
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	9.23
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	10.50
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	10.50
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	11.76
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	11.76
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	14.64
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	14.64
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	17.58
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	17.58
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	30.76
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	30.76
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.40
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	8.99
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	9.78
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	10.45
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	15.51
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	18.10
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	20.76
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	24.22
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	3.79
12 59 16 00-0208	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	43.53
12 59 16 00-0209	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	45.10
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	9.85
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.26
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	2.13
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	30.61
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	30.61
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	10.65
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	82.34
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.19
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.84

12 59 16 00-0219**Reconfigure** (12 59 16 00-0032)

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	29.63
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	32.94
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	35.20
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	39.46
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	30.09
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	34.03
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	38.11
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	44.80
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	29.00
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	29.00
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	35.69
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	35.69
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	44.65
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	44.65
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	53.44
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.62
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.62
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	1.72
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	7.44
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	8.63
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	9.93
12 59 16 00-0241	EA	Reconfigure Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	11.54
12 59 16 00-0242	EA	Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	13.38
12 59 16 00-0243	EA	Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	15.53
12 59 16 00-0244	EA	Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	14.57
12 59 16 00-0245	EA	Reconfigure Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	17.06
12 59 16 00-0246	EA	Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	20.50
12 59 16 00-0247	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	2.48
12 59 16 00-0248	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	2.81
12 59 16 00-0249	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	3.03
12 59 16 00-0250	EA	Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.75
12 59 16 00-0251	EA	Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	1.40
12 59 16 00-0252	EA	Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	1.48
12 59 16 00-0253	EA	Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	1.72
12 59 16 00-0254	EA	Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	1.40
12 59 16 00-0255	EA	Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.90
12 59 16 00-0256	EA	Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	3.28
12 59 16 00-0257	EA	Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.36
12 59 16 00-0258	EA	Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.75
12 59 16 00-0259	EA	Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	4.22
12 59 16 00-0260	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	22.70
12 59 16 00-0261	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	22.70
12 59 16 00-0262	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	27.99
12 59 16 00-0263	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	27.99
12 59 16 00-0264	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	26.39
12 59 16 00-0265	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	26.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0266	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	33.00	
12 59 16 00-0267	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT.....	33.00	
12 59 16 00-0268	EA			Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	33.32	
12 59 16 00-0269	EA			Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT.....	33.32	
12 59 16 00-0270	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	41.96	
12 59 16 00-0271	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT.....	41.96	
12 59 16 00-0272	EA			Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	40.48	
12 59 16 00-0273	EA			Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT.....	40.48	
12 59 16 00-0274	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	50.85	
12 59 16 00-0275	EA			Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT.....	50.85	
12 59 16 00-0276	EA			Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	78.51	
12 59 16 00-0277	EA			Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	90.33	
12 59 16 00-0278	EA			Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	85.80	
12 59 16 00-0279	EA			Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	98.71	
12 59 16 00-0280	EA			Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT.....	10.84	
12 59 16 00-0281	EA			Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT.....	10.84	
12 59 16 00-0282	EA			Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT.....	12.33	
12 59 16 00-0283	EA			Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT.....	12.33	
12 59 16 00-0284	EA			Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT.....	13.84	
12 59 16 00-0285	EA			Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT.....	13.84	
12 59 16 00-0286	EA			Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT.....	17.22	
12 59 16 00-0287	EA			Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT.....	17.22	
12 59 16 00-0288	EA			Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT.....	20.68	
12 59 16 00-0289	EA			Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT.....	20.68	
12 59 16 00-0290	EA			Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	36.16	
12 59 16 00-0291	EA			Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	36.16	
12 59 16 00-0292	EA			Reconfigure Pencil Drawer Herman Miller, AO480.DT	2.82	
12 59 16 00-0293	EA			Reconfigure Shelf 24" Herman Miller, AO520.1324-LN	10.57	
12 59 16 00-0294	EA			Reconfigure Shelf 36" Herman Miller, AO520.1336-LN	11.50	
12 59 16 00-0295	EA			Reconfigure Shelf 48" Herman Miller, AO520.1348-LN.....	12.28	
12 59 16 00-0296	EA			Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	18.22	
12 59 16 00-0297	EA			Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	21.27	
12 59 16 00-0298	EA			Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	24.40	
12 59 16 00-0299	EA			Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU.....	28.48	
12 59 16 00-0300	EA			Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	4.45	
12 59 16 00-0301	EA			Reconfigure Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24.....	51.17	
12 59 16 00-0302	EA			Reconfigure Drawer Pedestal Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24	53.00	
12 59 16 00-0303	EA			Reconfigure Stationary Divider Herman Miller, G5911.19	11.57	
12 59 16 00-0304	EA			Reconfigure Utility Tray Herman Miller, G5912.....	1.48	
12 59 16 00-0305	EA			Reconfigure File Converter Herman Miller, G5913.....	2.50	
12 59 16 00-0306	EA			Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	35.96	
12 59 16 00-0307	EA			Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	35.96	
12 59 16 00-0308	EA			Reconfigure Task Light Herman Miller, G6130.24M-LN	12.51	
12 59 16 00-0309	EA			Reconfigure 48" Round With Steel X Base Herman Miller.....	96.77	
12 59 16 00-0310	EA			Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.93	
12 59 16 00-0311	EA			Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO.....	2.16	

END OF SECTION 12

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 Special Construction

13 20 Special Purpose Rooms ⁽¹³⁾

13 21 Controlled Environment Rooms ^(13 20)

13 21 26 Cold Storage Rooms ^(13 21)

13 21 26 13 Walk-in Coolers ^(13 21 26)

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 40 Integrated Construction ⁽¹³⁾

13 47 Facility Protection ^(13 40)

13 47 13 Cathodic Protection ^(13 47)

13 47 13 13 Cathodic Protection for Underground and Submerged Piping ^(13 47 13)

13 47 13 13-0001 Anodes ^(13 47 13 13)

13 47 13 13-0002 Magnesium Type, Conventional ^(13 47 13 13-0001)

13 47 13 13-0003	EA	9 LB Magnesium Type Anodes.....	326.85	144.64
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes.....	483.81	209.06
13 47 13 13-0005	EA	32 LB Magnesium Type Anode.....	657.27	268.95
13 47 13 13-0006	EA	48 LB Magnesium Type Anode.....	934.61	376.31

13 47 13 13-0007 Graphite Type ^(13 47 13 13-0001)

Note: Includes epoxy cap.

13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	505.76	212.89
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	779.57	297.27
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	577.05	186.04
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	874.97	248.37

13 47 13 13-0012 Rectifiers ^(13 47 13 13)

13 47 13 13-0013 Air Cooled, Silicon Type ^(13 47 13 13-0012)

13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type	1,487.28	302.35
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type	1,597.44	302.35

13 47 13 13-0016 Oil Immersed, Silicon Type ^(13 47 13 13-0012)

13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type.....	2,193.63	349.60
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type.....	2,311.66	349.60

13 47 13 13-0019 Anode Backfill ^(13 47 13 13)

13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	1.00	0.38
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13 47 13 13-0021 Cathodic Protection Cable ^(13 47 13 13)

13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	1,829.28	744.15
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	1,980.25	744.15
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	2,206.71	744.15
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	2,584.15	744.15
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	3,146.66	819.91
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	3,429.74	819.91
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	3,901.53	819.91
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	5,180.88	893.75

13 47 13 13-0030 Cathodic Test Stations ^(13 47 13 13)

13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box ^(13 47 13 13-0030)

13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	254.48	87.13
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13 47 13 16 Cathodic Protection For Underground Storage Tanks ^(13 47 13)

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, And Seismic Control ^(13 40)

13 48 63 Fabricated Seismic Control Assemblies ^(13 48)

13 48 63 00-0001 Seismic Bracing Assembly ^(13 48 63)

13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace.....	134.55	
Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.				
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener	127.69	
Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.				
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener	191.22	
Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.				

13 Special Construction

13 40 Integrated Construction

13 48 Sound, Vibration, And Seismic Control

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13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener.....	247.09	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener.....	221.06	
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener.....	327.44	
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener.....	433.83	
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener	159.37	
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener	234.90	
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener	310.45	
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		

13 48 63 00-0012 Seismic Restraints (13 48 63)

13 48 63 00-0013	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole.....	3.79	1.01
		Note: Adhesive applied.		
13 48 63 00-0014	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied.....	2.77	0.50
13 48 63 00-0015	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole.....	4.91	1.27
		Note: Adhesive applied.		
13 48 63 00-0016	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied.....	3.53	0.63
13 48 63 00-0017	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied.....	4.44	0.73
13 48 63 00-0018	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied.....	7.23	0.89
13 48 63 00-0019	LF	3/4" Wide Seismic Strap, Gray.....	3.30	0.76
13 48 63 00-0020	LF	1" Wide Seismic Strap, Gray.....	4.64	0.76
13 48 63 00-0021	EA	3/4" Wide x 4" Long Seismic Strap, Gray.....	1.67	0.50
13 48 63 00-0022	EA	3/4" Wide x 12" Long Seismic Strap, Gray.....	7.10	1.52
13 48 63 00-0023	LF	Seismic Chord, Black.....	2.16	0.76
13 48 63 00-0024	LF	SAFELOK Seismic Fastener, Black.....	2.72	0.76

13 48 63 00-0025 Seismic Brace Components (13 48 63)

13 48 63 00-0026	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1.....	23.60	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0027	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2.....	31.21	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0028	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3.....	40.35	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0029	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4.....	54.03	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0030	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1	22.36	
		Note: To be used with angle or channel.		
13 48 63 00-0031	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2	29.06	
		Note: To be used with angle or channel.		
13 48 63 00-0032	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3	37.19	
		Note: To be used with angle or channel.		
13 48 63 00-0033	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4	49.15	
		Note: To be used with angle or channel.		
13 48 63 00-0034	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1	26.43	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0035	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2.....	33.84	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0036	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3	45.80	
		Note: To be used with 7x19 stranded cable.		
13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1.....	43.89	
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2.....	60.40	
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3.....	81.21	
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0040	EA	Seismic Rod Clamp; Mason SRC-1	19.15	
		Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.		
13 48 63 00-0041	EA	Seismic Rod Clamp; Mason SRC-1 1/2	22.98	
		Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.		
13 48 63 00-0042	EA	Seismic Rod Clamp; Mason SRC-2.....	28.24	
		Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.		

13 49 Radiation Protection (13 40)

13 49 13 Integrated X-Ray Shielding Assemblies (13 49)

13 49 13 00-0001 Lead Shielding (13 49 13)

		See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 13 00-0002	SF	1/16" Sheet Lead Shielding.....	36.16	6.08
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding.....	61.18	6.58
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding.....	108.59	7.10
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding.....	207.01	9.12

13 49 16 Modular X-Ray Shielding Rooms (13 49)

13 49 16 00-0001 X-Ray Barriers, Modular (13 49 16)

Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 49 16 00-0002			36" Wide x 84" High, 1-Section Barrier, Modular X-Ray Barriers (13 49 16 00-0001)		
13 49 16 00-0003	EA		0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	5,596.98	129.55
13 49 16 00-0004	EA		0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	5,939.15	129.55
13 49 16 00-0005	EA		1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	6,127.84	155.46
13 49 16 00-0006	EA		1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	6,538.45	155.46
13 49 16 00-0007			72" Wide x 84" High, 2-Section Barrier, Modular X-Ray Barriers (13 49 16 00-0001)		
13 49 16 00-0008	EA		0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	11,979.99	207.28
13 49 16 00-0009	EA		0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	12,459.03	207.28
13 49 16 00-0010	EA		1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	12,853.06	233.19
13 49 16 00-0011	EA		1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	13,862.92	259.09
13 49 16 00-0012			108" Wide x 84" High, 3-Section Barrier, Modular X-Ray Barriers (13 49 16 00-0001)		
13 49 16 00-0013	EA		0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	18,174.29	259.09
13 49 16 00-0014	EA		0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	19,063.94	259.09
13 49 16 00-0015	EA		1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	19,509.75	310.91
13 49 16 00-0016	EA		1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	20,930.17	336.83
13 49 16 00-0017			X-Ray Barriers, Mobile (13 49 16)		
			Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018			30" Wide x 75" High, Mobile X-Ray Barriers (13 49 16 00-0017)		
			Note: Includes Framework		
13 49 16 00-0019	EA		24" H Upper With 0.5mm LE, 48" H Lower With 0.8mm LE Mobile X-Ray Barriers.....	3,814.58	25.33
13 49 16 00-0020			48" Wide x 75" High, Mobile X-Ray Barriers (13 49 16 00-0017)		
			Note: Includes Framework		
13 49 16 00-0021	EA		36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	6,757.26	25.33
13 49 16 00-0022	EA		36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	8,125.95	25.33
13 49 16 00-0023			72" Wide x 75" High, Mobile X-Ray Barriers (13 49 16 00-0017)		
			Note: Includes Framework		
13 49 16 00-0024	EA		36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	7,989.08	25.33
13 49 16 00-0025	EA		36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	10,110.55	25.33
13 49 19			Lead-Lined Materials (13 49)		
13 49 19 16			Lead-Lined Drywall (13 49 19)		
13 49 19 16-0001			Lead Lined Drywall (13 49 19 16)		
			See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 19 16-0002	SF		1/32" Lead Lined 5/8" Fire Rated Drywall.....	18.12	1.33
13 49 19 16-0003	SF		1/16" Lead Lined 5/8" Fire Rated Drywall.....	32.46	1.59
13 49 19 16-0004	SF		1/8" Lead Lined 5/8" Fire Rated Drywall.....	60.69	1.92

END OF SECTION 13

13 Special Construction

13 40 Integrated Construction

13 49 Radiation Protection



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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		Conveying Equipment	14
		Operation And Maintenance Of Conveying Equipment	14 01
		Operation And Maintenance Of Elevators	14 01 20
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	

14 Conveying Equipment

14 01 Operation And Maintenance Of Conveying Equipment ^(14 01)

14 01 20 Operation And Maintenance Of Elevators ^(14 01 20)

14 01 20 71 Elevator Rehabilitation ^(14 01 20 71)

14 01 20 71-0001 Elevator Maintenance ^(14 01 20 71)

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	351.54	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	527.31	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	351.54	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	351.54	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	351.54	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	168.00	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	336.01	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,240.70	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,240.70	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	1,240.70	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,240.70	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	930.53	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,481.40	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,481.40	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,481.40	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,481.40	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,861.05	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	1,928.03	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	1,928.03	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	1,928.03	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	1,928.03	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	1,928.03	

14 01 20 71-0024 Elevator Modernization ^(14 01 20 71)

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	25,601.10	7,572.77
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	6,317.05	
		Note: Includes Pump.		
		For An Additional Stop, Add	7,441.09	
		Note: Includes Removal.		
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	28,957.09	9,150.43
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	6,371.27	
		Note: Includes Pump.		
		For An Additional Stop, Add	7,824.09	
		Note: Includes Removal.		
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	38,045.00	12,621.28
		Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.		
		For Union-Guard Cathodic Protection, Add	7,238.79	
		Note: Includes Pump.		
		For An Additional Stop, Add	9,687.09	
		Note: Includes Removal.		
14 01 20 71-0028	EA	Removal And Replacement Of Multi-Port Controller Valve	4,235.38	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	34.43	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	341.31	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four	3,014.46	631.07
		Note: Includes cover plate.		
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four	2,663.11	631.07
		Note: Includes cover plate.		
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish	6,271.72	
		Note: Excludes buildback.		
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish	6,705.48	
		Note: Excludes buildback.		
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish	6,550.41	
		Note: Excludes buildback.		
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish	6,984.17	
		Note: Excludes buildback.		
14 01 20 71-0037	SF	Cab Flooring, Epoxy Aggregate	70.37	18.03
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0038	SF	Cab Flooring, Aluminum Diamond Plate	62.67	18.03
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0039	EA	Solid State Starting (Soft Start)	4,604.19	631.07
14 01 20 71-0040	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	17,056.77	3,155.32
14 01 20 71-0041	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL)	2,031.99	631.07
14 01 20 71-0042	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL)	397.94	315.53
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	364.33	315.53
14 01 20 71-0044	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL)	471.68	315.53
14 01 20 71-0045	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL)	2,202.24	631.07
14 01 20 71-0046	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL)	480.36	315.53
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	364.33	315.53
14 01 20 71-0048	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL)	548.68	315.53
14 01 20 71-0049	EA	Fire Service Key Switch Controller	2,879.99	631.07
14 01 20 71-0050	EA	ADA Telephone (Rath Microtech)	1,385.78	315.53
14 01 20 71-0051	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL)	6,356.41	1,262.12

14 Conveying Equipment
14 01 Operation And Maintenance Of Conveying Equipment
14 01 20 Operation And Maintenance Of Elevators

MINOR	CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL)	6,497.38	1,262.12
14 01 20 71-0053	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	1,430.24	315.53
14 01 20 71-0054	EA	Car Operating Panel (ADA, Fire, Position, Chime)	6,388.94	1,262.12
14 01 20 71-0055	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	1,759.90	315.53
14 01 20 71-0056	EA	Car Traveling Lanterns With Audible Signal	1,271.92	315.53
14 01 20 71-0057	EA	Hoistway Door Jamb Floor Tags (Braille)	196.80	157.76
14 01 20 71-0058	EA	Lobby Vandal Resistant Call Station	1,217.70	315.53
14 01 20 71-0059	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0060 for Removal and Replacement of Traveling Cable.	12.54	
14 01 20 71-0060	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0059 for Traveling Cable material.	5,048.52	2,524.26
14 01 20 71-0061	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	0.98	
14 01 20 71-0062	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	4,061.99	631.07
14 01 20 71-0063	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	6,013.91	631.07
14 01 20 71-0064	EA	Removal And Replacement Of Governor	3,866.80	631.07
14 01 20 71-0065	EA	Removal And Replacement Of Car Station	6,388.94	1,262.12
14 01 20 71-0066	EA	Removal And Replacement Of Telephone	1,385.78	315.53
14 01 20 71-0067	EA	Removal And Replacement Of Lanterns (Hall)	1,326.14	315.53
14 01 20 71-0068	EA	Hall Call Buttons, Vandal Resistant	1,163.48	315.53
14 01 20 71-0069	EA	Hall Traveling Lanterns With Audible Signal	1,326.14	315.53
14 01 20 71-0070	EA	Add Raised Character (Braille) Signage To Control Panel	170.45	157.76
14 01 20 71-0071	EA	New Microprocessor Based Controller (Non-Proprietary)	28,176.37	5,048.52
14 01 20 71-0072	EA	New Steel Shell And Canopy (Plastic Panels Not Included), For 5' x 7' Cab	18,416.77	5,048.52
14 01 20 71-0073	EA	New Steel Shell, Canopy And Platform (Plastic Laminate Not Included), For 5' x 7' Cab	28,887.28	5,048.52
14 01 20 71-0074	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	2,543.83	
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	2,652.27	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	2,771.55	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel	2,901.68	
14 01 20 71-0078	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	1,488.80	315.53
14 01 20 71-0079	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	35,749.14	5,048.52
14 01 20 71-0080	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	127.19	
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	127.57	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	127.91	
14 01 20 71-0083	EA	Hydraulic Leak Detector And Alarm In Elevator Pit (Stancor Oil Minder - 0.5 HP)	6,261.15	631.07
14 01 20 71-0084	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,869.15	631.07
14 01 20 71-0085	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,923.37	631.07
14 01 20 71-0086	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,977.59	631.07
14 01 20 71-0087	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,042.65	631.07
14 01 20 71-0088	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	5,688.59	631.07
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	5,688.59	631.07
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	7,857.39	631.07
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	8,941.79	631.07
14 01 20 71-0092	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,181.55	159.70
14 01 20 71-0093	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,346.01	191.63
14 01 20 71-0094	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,442.31	223.58
14 01 20 71-0095	EA	Aluminum Handrail Spacers With Set Screw	180.28	157.76
14 01 20 71-0096	EA	Bronze Handrail Spacers With Set Screw	183.29	157.76
14 01 20 71-0097	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	113.83	37.12
14 01 20 71-0098	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	110.30	37.12
14 01 20 71-0099	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	126.82	37.12
14 01 20 71-0100	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	138.01	37.12
14 01 20 71-0101	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	154.67	37.12
14 01 20 71-0102	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	128.90	37.12
14 01 20 71-0103	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	143.61	37.12
14 01 20 71-0104	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	211.08	37.12
14 01 20 71-0105	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	234.42	37.12
14 01 20 71-0106	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	109.73	37.12
14 01 20 71-0107	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	110.63	37.12
14 01 20 71-0108	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	135.06	37.12
14 01 20 71-0109	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	127.86	37.12
14 01 20 71-0110	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	135.54	37.12
14 01 20 71-0111	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	164.18	37.12
14 01 20 71-0112	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	131.51	37.12
14 01 20 71-0113	LF	3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	133.98	37.12
14 01 20 71-0114	LF	3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	209.32	37.12
14 01 20 71-0115	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	145.04	37.12
14 01 20 71-0116	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	209.80	37.12
14 01 20 71-0117	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	234.42	37.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 01 30 Operation And Maintenance Of Escalators And Moving Walks

14 01 30 71 Escalators and Moving Walks Rehabilitation (14 01 30)

14 01 30 71-0001 Maintenance <small>(14 01 30 71)</small>		
14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit) 713.74
14 01 30 71-0003	HR	Escalator Servicing, Labor Only..... 168.00
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks 3,925.51
14 01 30 71-0005 Modernization <small>(14 01 30 71)</small>		
14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread 1,748.49
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread 1,873.82
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread 1,965.93
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread 2,120.39
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail 164.02

14 20 Elevators (14)

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators (14 20)

14 21 13 Electric Traction Freight Elevators (14 21)

14 21 13 00-0001 Electric Traction Freight Elevators (14 21 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM 352,566.92
		<i>For Each Opening With Bonderized Steel Door, Add</i> 200.00
		<i>For Each Opening With Stainless Steel Doors, Add</i> 500.00
		<i>For Each Opening With Two Speed Doors, Add</i> 500.00
		<i>For Custom Plastic Laminated Cab Interiors, Add</i> 4,000.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i> 6,000.00
		<i>For Stainless Steel Cab Interior, Add</i> 8,000.00
		<i>For Elevator With Manual Door, Deduct</i> -10,000.00
		<i>For Class "C-2" Loading, Add</i> 2,000.00
		<i>For Removal Of Existing Stop, Add</i> 7,877.45
		<i>For Each Additional Stop, Add</i> 33,709.75
		<i>For Each Floor < 6 Stops, Deduct</i> -28,770.21
		<i>For Each Additional 50 FPM, Add</i> 6,000.00
		<i>For Removal Of Existing Elevator, Add</i> 39,387.25
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM 397,571.69
		<i>For Elevator With Manual Door, Deduct</i> -10,000.00
		<i>For Class "C-2" Loading, Add</i> 4,000.00
		<i>For Custom Plastic Laminated Cab Interiors, Add</i> 5,000.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i> 7,000.00
		<i>For Stainless Steel Cab Interior, Add</i> 9,000.00
		<i>For Removal Of Existing Stop, Add</i> 7,877.45
		<i>For Each Additional Stop, Add</i> 34,693.63
		<i>For Each Additional 50 FPM, Add</i> 6,000.00
		<i>For Each Opening With Bonderized Steel Door, Add</i> 300.00
		<i>For Each Opening With Stainless Steel Doors, Add</i> 600.00
		<i>For Each Opening With Two Speed Doors, Add</i> 700.00
		<i>For Removal Of Existing Elevator, Add</i> 39,387.25
		<i>For Each Floor < 6 Stops, Deduct</i> -29,770.21
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM 422,846.32
		<i>For Elevator With Manual Door, Deduct</i> -10,000.00
		<i>For Each Additional 50 FPM, Add</i> 10,000.00
		<i>For Class "C-2" Loading, Add</i> 8,000.00
		<i>For Removal Of Existing Stop, Add</i> 7,877.45
		<i>For Each Additional Stop, Add</i> 34,693.63
		<i>For Each Opening With Bonderized Steel Door, Add</i> 400.00
		<i>For Each Opening With Stainless Steel Doors, Add</i> 700.00
		<i>For Each Opening With Two Speed Doors, Add</i> 800.00
		<i>For Custom Plastic Laminated Cab Interiors, Add</i> 6,000.00
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i> 8,000.00
		<i>For Stainless Steel Cab Interior, Add</i> 10,000.00
		<i>For Removal Of Existing Elevator, Add</i> 39,387.25
		<i>For Each Floor < 6 Stops, Deduct</i> -29,770.21

14 21 23 Electric Traction Passenger Elevators (14 21)

14 21 23 13 Machine Room Electric Traction Passenger Elevators (14 21 23)

14 21 23 13-0001 Electric Traction Passenger Elevators (14 21 23 13)

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 Conveying Equipment**14 20 Elevators****14 21 Electric Traction Elevators**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM	285,487.65	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Each Additional 50 FPM, Add</i>	1,000.00	
		<i>For Removal Of Existing Stop, Add</i>	3,941.95	
		<i>For Each Additional Stop, Add</i>	33,709.75	
		<i>For Each Floor < 6 Stops, Deduct</i>	-19,854.85	
		<i>For Removal Of Existing Elevator, Add</i>	29,564.62	
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 3,000 LB x 200 FPM	287,091.48	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Each Additional 50 FPM, Add</i>	1,000.00	
		<i>For Removal Of Existing Stop, Add</i>	3,941.95	
		<i>For Each Additional Stop, Add</i>	33,709.75	
		<i>For Each Floor < 6 Stops, Deduct</i>	-19,854.85	
		<i>For Removal Of Existing Elevator, Add</i>	29,564.62	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,500 LB x 200 FPM	288,650.84	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Each Additional 50 FPM, Add</i>	1,000.00	
		<i>For Removal Of Existing Stop, Add</i>	3,941.95	
		<i>For Each Additional Stop, Add</i>	33,709.75	
		<i>For Each Floor < 6 Stops, Deduct</i>	-19,854.85	
		<i>For Removal Of Existing Elevator, Add</i>	29,564.62	

14 24 Hydraulic Elevators (14 20)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators (14 24)**14 24 13 00-0001 Hydraulic Freight Elevators** (14 24 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

14 24 13 00-0002	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM	186,191.34	
		<i>For Each Additional Stop, Add</i>	17,933.25	
		<i>For < 3 Stops, Deduct</i>	-14,000.00	
		<i>Note: Would be holeless hydraulic at 2 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Each Additional 50 FPM, Add</i>	2,000.00	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-2" Loading, Add</i>	2,000.00	
		<i>For Well Hole Drilling (12" Diameter Hole), Add</i>	170.00	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" Steel Liner, Add</i>	90.00	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	7,877.45	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM	190,528.94	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Each Additional 50 FPM, Add</i>	2,000.00	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional Stop, Add</i>	18,933.25	
		<i>For < 3 Stops, Deduct</i>	-15,000.00	
		<i>Note: Would be holeless hydraulic at 2 stops.</i>		
		<i>For Class "C-2" Loading, Add</i>	4,000.00	
		<i>For Well Hole Drilling (12" Diameter Hole), Add</i>	170.00	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" Steel Liner, Add</i>	90.00	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	7,877.45	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
14 24 13 00-0004	EA Hydraulic Freight Elevator, 6,000 LB x 50 FPM		201,175.04	
	For Each Opening With Bonderized Steel Door, Add		200.00	
	For Each Opening With Stainless Steel Doors, Add		500.00	
	For Each Opening With Two Speed Doors, Add		500.00	
	For Custom Plastic Laminated Cab Interiors, Add		4,000.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add		6,000.00	
	For Stainless Steel Cab Interior, Add		8,000.00	
	For Elevator With Manual Door, Deduct		-10,000.00	
	For Each Additional Stop, Add		18,933.25	
	For < 3 Stops, Deduct		-15,000.00	
	Note: Would be holeless hydraulic at 2 stops.			
	For Each Additional 50 FPM, Add		10,000.00	
	For Class "C-2" Loading, Add		8,000.00	
	For Well Hole Drilling (12" Diameter Hole), Add		170.00	
	Note: Includes Labor and Equipment.			
	For 12" Steel Liner, Add		90.00	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.			
	For Removal Of Existing Stop, Add		7,877.45	
14 24 13 00-0005	EA Hydraulic Freight Elevator, 8,000 LB x 50 FPM		213,989.93	
	For Each Opening With Bonderized Steel Door, Add		200.00	
	For Each Opening With Stainless Steel Doors, Add		500.00	
	For Each Opening With Two Speed Doors, Add		500.00	
	For Elevator With Manual Door, Deduct		-10,000.00	
	For Each Additional Stop, Add		18,933.25	
	For < 3 Stops, Deduct		-15,000.00	
	Note: Would be holeless hydraulic at 2 stops.			
	For Custom Plastic Laminated Cab Interiors, Add		5,000.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add		7,000.00	
	For Stainless Steel Cab Interior, Add		9,000.00	
	For Each Additional 50 FPM, Add		11,000.00	
	For Class "C-2" Loading, Add		10,000.00	
	For Well Hole Drilling (12" Diameter Hole), Add		170.00	
	Note: Includes Labor and Equipment.			
	For 12" Steel Liner, Add		90.00	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.			
	For Removal Of Existing Stop, Add		7,877.45	
14 24 13 00-0006	Hydraulic Elevators Piston Drilling ^(14 24 13)			
14 24 13 00-0007	VLF Up To 6" Diameter Piston Drilling		74.03	
	Note: Includes casing.			
14 24 13 00-0008	VLF 8" To 10" Diameter Piston Drilling.....		87.80	
	Note: Includes casing.			
14 24 23	Hydraulic Passenger Elevators ^(14 24)			
14 24 23 00-0001	Hydraulic Passenger Elevators ^(14 24 23)			
	Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.			
14 24 23 00-0002	EA Hydraulic Passenger Elevator, 2,100 LB x 100 FPM		121,832.28	
	For Each Additional Stop, Add		17,933.25	
	For Each Opening With Bonderized Steel Door, Add		200.00	
	For Each Opening With Stainless Steel Doors, Add		500.00	
	For Custom Plastic Laminated Cab Interiors, Add		4,000.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add		6,000.00	
	For Stainless Steel Cab Interior, Add		8,000.00	
	For Well Hole Drilling (12" Diameter Hole), Add		170.00	
	Note: Includes Labor and Equipment.			
	For 12" Steel Liner, Add		90.00	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.			
	For Each Additional 50 FPM, Add		1,000.00	
	For Removal Of Existing Elevator, Add		19,673.60	
	For Removal Of Existing Stop, Add		3,941.95	
	For < 3 Stops, Deduct		-10,000.00	
	Note: Would be holeless hydraulic at 2 stops.			
14 24 23 00-0003	EA Hydraulic Passenger Elevator, 2,500 LB x 100 FPM		124,001.08	
	For Each Additional Stop, Add		17,933.25	
	For Each Opening With Bonderized Steel Door, Add		200.00	
	For Each Opening With Stainless Steel Doors, Add		500.00	
	For Custom Plastic Laminated Cab Interiors, Add		4,000.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add		6,000.00	
	For Stainless Steel Cab Interior, Add		8,000.00	
	For Well Hole Drilling (12" Diameter Hole), Add		170.00	
	Note: Includes Labor and Equipment.			
	For 12" Steel Liner, Add		90.00	
	Note: Liner for Hydraulic Elevator Well Hole if necessary.			
	For Each Additional 50 FPM, Add		1,000.00	
	For Removal Of Existing Elevator, Add		19,673.60	
	For Removal Of Existing Stop, Add		3,941.95	
	For < 3 Stops, Deduct		-10,000.00	
	Note: Would be holeless hydraulic at 2 stops.			

14 Conveying Equipment**14 20 Elevators****14 24 Hydraulic Elevators**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,500 LB x 100 FPM.....	131,393.96	
		<i>For Each Additional Stop, Add</i>	17,933.25	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Well Hole Drilling (12" Diameter Hole), Add</i>	170.00	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" Steel Liner, Add</i>	90.00	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Each Additional 50 FPM, Add</i>	1,000.00	
		<i>For Removal Of Existing Elevator, Add</i>	19,673.60	
		<i>For Removal Of Existing Stop, Add</i>	3,941.95	
		<i>For < 3 Stops, Deduct</i>	-10,000.00	
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 5,000 LB x 100 FPM.....	134,941.98	
		<i>For Each Additional Stop, Add</i>	17,933.25	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	200.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	500.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	500.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,000.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,000.00	
		<i>For Stainless Steel Cab Interior, Add</i>	8,000.00	
		<i>For Well Hole Drilling (12" Diameter Hole), Add</i>	170.00	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" Steel Liner, Add</i>	90.00	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Each Additional 50 FPM, Add</i>	1,000.00	
		<i>For Removal Of Existing Elevator, Add</i>	19,673.60	
		<i>For Removal Of Existing Stop, Add</i>	3,941.95	
		<i>For < 3 Stops, Deduct</i>	-10,000.00	
		<i>Note: Would be holeless hydraulic at 2 stops.</i>		
14 24 23 00-0006		Twin Jack Holeless Hydraulic Passenger Elevator <small>(14 24 23)</small>		
		Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.		
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings.....	66,723.57	8,972.42
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings.....	50,804.67	7,666.00

14 26 Limited-Use/Limited-Application Elevators (14 20)**14 26 00 00-0001 Small Elevators (LULA)** (14 26)

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM.....	62,097.44	
		Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.		
		<i>For Each Additional Stop, Add</i>	16,908.08	
		<i>For Removal Of Existing Elevator, Add</i>	5,908.08	

14 30 Escalators And Moving Walks (14)**14 31 Escalators** (14 30)**14 31 00 00-0001 Stainless Steel Escalator Construction** (14 31)

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height.....	134,186.47	11,711.95
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height.....	148,705.15	13,841.39
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height.....	161,959.48	15,970.85
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height.....	179,090.15	19,165.01
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height.....	197,735.07	21,294.46
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height.....	141,893.95	12,457.26
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height.....	157,544.23	14,906.11
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height.....	170,786.23	17,035.57
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height.....	192,532.67	21,400.93
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height.....	207,432.44	22,998.01
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height.....	149,950.74	13,202.56
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height.....	167,004.92	15,970.85
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height.....	179,921.79	18,100.29
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height.....	206,905.37	22,572.13
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height.....	219,591.72	24,701.57
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link.....	19,752.68	425.89

14 40 Lifts (14)**14 42 Wheelchair Lifts** (14 40)**14 42 13 Inclined Wheelchair Lifts** (14 42)**14 42 13 00-0001 Chair Lift-Stair Climber** (14 42 13)

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity.....	4,328.27	535.30
		Note: Includes top and bottom call button, safety chair, track, and power unit.		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 42 16 Vertical Wheelchair Lifts (14 42)

14 42 16 00-0001 Wheelchair Lift (Shorty) (14 42 16)

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift	7,986.76	356.87
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For Accordion Safety Skirt, Add	998.00	
		For Removable Handrails, Add	100.00	
		For Power Operated Ramp, Add	885.00	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift	8,462.58	475.82
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	600.00	
		For 3,000 LB Capacity, Add	1,000.00	
		For 4,000 LB Capacity, Add	1,500.00	
		For Accordion Safety Skirt, Add	998.00	
		For Removable Handrails, Add	100.00	
		For Power Operated Ramp, Add	885.00	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift	11,376.80	594.78
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	600.00	
		For 3,000 LB Capacity, Add	1,000.00	
		For 4,000 LB Capacity, Add	1,500.00	
		For Accordion Safety Skirt, Add	998.00	
		For Removable Handrails, Add	100.00	
		For Power Operated Ramp, Add	885.00	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift	12,596.00	594.78
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	600.00	
		For 3,000 LB Capacity, Add	1,000.00	
		For 4,000 LB Capacity, Add	1,500.00	
		For Accordion Safety Skirt, Add	998.00	
		For Removable Handrails, Add	100.00	
		For Power Operated Ramp, Add	885.00	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift	14,443.08	594.78
		Note: 500 LB capacity, interior installation.		

14 90 Other Conveying Equipment (14)

14 91 Facility Chutes (14 90)

14 91 82 Trash Chutes (14 91)

14 91 82 00-0001 Trash Chutes (14 91 82)

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	24.21	4.03
		For Aluminum, Add	1.65	
		For Stainless Steel, Add	5.78	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	30.70	4.03
		For Aluminum, Add	2.23	
		For Stainless Steel, Add	7.82	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	33.82	5.04
		For Aluminum, Add	2.48	
		For Stainless Steel, Add	8.67	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	50.60	5.04
		For Aluminum, Add	4.08	
		For Stainless Steel, Add	14.27	
14 91 82 00-0006	EA	Trash Chutes, Hopper	463.75	28.21
		For Aluminum, Add	40.70	
		For Stainless Steel, Add	142.44	
14 91 82 00-0007	EA	Trash Chutes, Skylight	252.64	55.41
		For Aluminum, Add	14.16	
		For Stainless Steel, Add	49.55	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	189.67	60.44
		For Aluminum, Add	6.19	
		For Stainless Steel, Add	21.68	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	53.20	21.15
		For Aluminum, Add	1.06	
		For Stainless Steel, Add	3.72	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	421.56	75.56
		For Aluminum, Add	26.19	
		For Stainless Steel, Add	91.66	
14 91 82 00-0011	EA	Hopper Doors	902.14	60.61

14 92 Pneumatic Tube Systems (14 90)

14 92 00 00-0001 Pneumatic Tube Station; Swisslog (14 92)

14 92 00 00-0002	LF	4" Pneumatic Tube	62.10	19.56
14 92 00 00-0003	LF	6" Pneumatic Tube	77.51	24.44
14 92 00 00-0004	EA	4" 90 Degree Bend	256.66	42.78
14 92 00 00-0005	EA	6" 90 Degree Bend	350.42	48.89
14 92 00 00-0006	EA	4" PRV Bend	318.97	64.17
14 92 00 00-0007	EA	6" PRV Bend	436.05	73.34
14 92 00 00-0008	EA	Vacuum Bypass Valve	1,889.36	305.58
14 92 00 00-0009	EA	Blower Assembly For 4" Tube	15,942.62	611.16
14 92 00 00-0010	EA	Blower Assembly For 6" Tube	19,335.62	733.39
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube	10,834.67	916.74

14 Conveying Equipment
14 90 Other Conveying Equipment
14 92 Pneumatic Tube Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 92 00 00-0012	EA		Recessed Receiving Station For 6" Tube	12,358.10	1,100.08
14 92 00 00-0013	EA		Wall Mount Receiving Station For 4" Tube	9,324.15	611.16
14 92 00 00-0014	EA		Wall Mount Receiving Station For 6" Tube	10,363.11	733.39
14 92 00 00-0015	EA		2 Out Transfer Unit For 4" Tube.....	7,401.74	672.27
14 92 00 00-0016	EA		2 Out Transfer Unit For 6" Tube.....	7,953.95	733.39
14 92 00 00-0017	EA		4 Out Transfer Unit For 4" Tube.....	8,956.04	916.74
14 92 00 00-0018	EA		4 Out Transfer Unit For 6" Tube.....	9,410.64	977.85
14 92 00 00-0019	EA		6 Out Transfer Unit For 4" Tube.....	11,060.26	1,222.30
14 92 00 00-0020	EA		6 Out Transfer Unit For 6" Tube.....	11,648.06	1,283.42
14 92 00 00-0021	EA		T.E.U. Assembly For 4" Tube	3,032.04	152.79
14 92 00 00-0022	EA		T.E.U. Assembly For 6" Tube	3,476.31	244.46
14 92 00 00-0023	EA		Security Door	1,053.51	
14 92 00 00-0024	EA		SB-101 Control Panel	3,066.75	366.69
14 92 00 00-0025	LF		Pneumatic Tube Hanging Material.....	10.24	2.45

END OF SECTION 14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression ⁽²¹⁾

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems ^(21 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration ^(21 01 10)

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping ^(21 01 10 91)	
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0002 EA	Relocate Existing Sprinkler Head And Branch Piping, 1 Head 476.29
21 01 10 91-0003 EA	Relocate Existing Sprinkler Head And Branch Piping, 2 To 4 Heads 317.53
21 01 10 91-0004 EA	Relocate Existing Sprinkler Head And Branch Piping, >4 To 10 Heads 158.76
21 01 10 91-0005 EA	Relocate Existing Sprinkler Head And Branch Piping, > 10 Heads 47.64
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	

21 01 10 91-0006 Sprinkler Upgrades ^(21 01 10 91)

21 01 10 91-0007 LF	Purging Existing Lines Of Water 0.51
21 01 10 91-0008 LF	Refill Existing Lines With Water 0.62

21 01 30 Operation and Maintenance of Fire-Suppression Equipment ^(21 01)

21 01 30 91 Fire-Suppression Equipment Restoration ^(21 01 30)

21 01 30 91-0001 Inspection And Recharge ^(21 01 30 91)	
21 01 30 91-0002 EA	Inspection, CO2, Carbon Dioxide 170.67
21 01 30 91-0003 LB	Refill/Recharge, CO2, Carbon Dioxide 1.68
21 01 30 91-0004 EA	Inspection, Halon 1301 170.67
21 01 30 91-0005 LB	Refill/Recharge, Halon 1301 40.21
21 01 30 91-0006 EA	Inspection, WC, Wet Chemical 103.19
21 01 30 91-0007 GAL	Refill/Recharge, WC, Wet Chemical 37.70
21 01 30 91-0008 EA	Inspection, DC, Dry Chemical 103.19
21 01 30 91-0009 LB	Refill/Recharge, DC, Dry Chemical 3.35
21 01 30 91-0010 EA	Hydrostatic Testing, All Sizes, All Agents 31.75
See CSI section 23 05 93 00-0046 for testing existing piping systems.	
21 01 30 91-0011 EA	Disarm/Arm System 55.57

21 05 Common Work Results for Fire Suppression ⁽²¹⁾

21 05 13 Common Motor Requirements For Fire-Suppression

Equipment ^(21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping ^(21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping ^(21 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters And Gages For Fire-Suppression Systems ^(21 05)

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge ^(21 05 19)

21 05 19 00-0002 EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge 33.25	10.06
Note: For fire sprinkler systems		
21 05 19 00-0003 EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge 34.33	10.06
Note: For fire sprinkler systems		
21 05 19 00-0004 EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge 39.36	10.06
Note: For fire sprinkler systems		
21 05 19 00-0005 EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge 41.43	10.06
Note: For fire sprinkler systems		
21 05 19 00-0006 EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge 43.50	10.06
Note: For fire sprinkler systems		

21 05 19 00-0007 Fire Service Meter Cast Iron Housing ^(21 05 19)

21 05 19 00-0008 EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing 3,901.56	160.10
For >10 To 25, Deduct		
-195.08		
-565.20		
21 05 19 00-0009 EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing 7,940.11	268.40
For >10 To 25, Deduct		
-397.01		
-1,157.38		
21 05 19 00-0010 EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing 10,745.44	370.67
For >10 To 25, Deduct		
-537.27		
-1,565.32		

21	21 Fire Suppression
	21 05 Common Work Results for Fire Suppression
	21 05 19 Meters And Gages For Fire-Suppression Systems



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
21 05 19 00-0011 EA 8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	14,010.83	473.65
<i>For >10 To 25, Deduct</i>	-700.54	
<i>For >25, Deduct</i>	-2,042.79	
21 05 19 00-0012 EA 10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	19,715.52	576.61
<i>For >10 To 25, Deduct</i>	-985.78	
<i>For >25, Deduct</i>	-2,885.25	

21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping

(21 05)
See CSI section 23 05 23 00-0000 for valves.

21 05 23 00-0001 TESTanDRAIN® Valve <small>(21 05 23)</small>		
21 05 23 00-0002 EA 1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600).....	146.09	11.58
21 05 23 00-0003 EA 1" Threaded TESTanDRAIN® Valve (AGF 1000).....	165.70	14.00
21 05 23 00-0004 EA 1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000).....	203.05	17.70
21 05 23 00-0005 EA 1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000).....	311.66	20.44
21 05 23 00-0006 EA 2" Threaded TESTanDRAIN® Valve (AGF 1000).....	329.55	24.13
21 05 23 00-0007 EA 1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011).....	228.75	14.00
21 05 23 00-0008 EA 1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011).....	265.49	17.70
21 05 23 00-0009 EA 1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011).....	376.00	20.44
21 05 23 00-0010 EA 2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011).....	395.61	24.13

21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment

(21 05)
See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping and Equipment

21 05 48 13 Vibration Controls For Fire-Suppression Piping And Equipment

(21 05 48)
See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification For Fire-Suppression Piping And Equipment

(21 05)
See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation

21 07 16 Fire-Suppression Equipment Insulation

(21 07)
See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation

(21 07)
See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems

(21)
See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0259 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping

21 11 19 Fire-Department Connections

21 11 19 00-0001 Fire Department Connections

21 11 19 00-0002 EA 4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass.....	722.31	259.09
<i>For Polished Chrome, Add</i>	41.23	
21 11 19 00-0003 EA 6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass.....	995.67	323.86
<i>For Polished Chrome, Add</i>	63.10	
21 11 19 00-0004 EA 4" x 3" x 3" Siamese Connection, Polished Brass.....	1,032.08	259.09
<i>For Polished Chrome, Add</i>	79.93	
21 11 19 00-0005 EA 6" x 3" x 3" Siamese Connection, Polished Brass.....	1,359.15	323.86
<i>For Polished Chrome, Add</i>	108.54	
21 11 19 00-0006 EA 6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass.....	1,448.00	323.86
<i>For Polished Chrome, Add</i>	119.64	
21 11 19 00-0007 EA Sidewalk Type Connection With Plug And Chain, Polished Brass.....	1,257.28	342.76
<i>For Polished Chrome, Add</i>	92.27	
21 11 19 00-0008 EA Wall Type Connection With Plug And Chain, Polished Brass.....	816.03	259.09
<i>For Polished Chrome, Add</i>	52.94	
21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated		
<small>(21 11 19)</small> See CSI section 33 14 19 00-0210 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010 EA Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773).....	1,326.47	268.40

21 12 Fire-Suppression Standpipes

21 12 13 Fire-Suppression Hoses And Nozzles

21 12 13 00-0001 Fire Hose

21 12 13 00-0002 Fire Hose Without Couplings

21 12 13 00-0003 LF 1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.06	1.59
21 12 13 00-0004 LF 2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.40	1.59
21 12 13 00-0005 LF 2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.18	1.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 13 00-0006	LF		3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.57	1.59
21 12 13 00-0007	LF		1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings.....	2.33	1.59
21 12 13 00-0008	LF		2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings.....	2.89	1.59
21 12 13 00-0009	LF		1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings.....	2.41	1.59
21 12 13 00-0010	LF		2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings.....	3.06	1.59
21 12 13 00-0011			Fire Hose With Aluminum Couplings <small>(21 12 13 00-0001)</small>		
21 12 13 00-0012	LF		1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	5.13	0.88
21 12 13 00-0013	LF		2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	6.42	1.03
21 12 13 00-0014	LF		3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	10.92	1.03
21 12 13 00-0015			Fire Hose Accessories <small>(21 12 13 00-0001)</small>		
21 12 13 00-0016	EA		Hose Coupling With 1-1/2" Pin Lug.....	91.53	26.19
21 12 13 00-0017	EA		Hose Coupling With 2-1/2" Pin Lug.....	133.64	29.37
21 12 13 00-0018	EA		1-1/2" x 10" Brass Straight Nozzle.....	61.79	20.64
21 12 13 00-0019	EA		2-1/2" x 12" Brass Straight Nozzle.....	118.35	20.64
21 12 13 00-0020	EA		1-1/2" Brass Fog Type Nozzle.....	94.63	20.64
21 12 13 00-0021	EA		2-1/2" Brass Fog Type Nozzle.....	134.42	20.64
21 12 13 00-0022	EA		1-1/2" Brass 100' Hose Rack.....	216.15	87.32
21 12 13 00-0023	EA		2-1/2" Brass 100' Hose Rack.....	293.01	87.32
21 12 23			Fire-Suppression Hose Valves <small>(21 12)</small>		
21 12 23 00-0001			Standpipe Valves <small>(21 12 23)</small>		
21 12 23 00-0002	EA		2-1/2" Fire Department Valve, Polished Brass With Plug And Chain..... <i>For Polished Chrome, Add</i>	496.82 35.59	171.39
21 12 23 00-0003	EA		2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	777.68 77.72	171.31
21 12 23 00-0004	EA		2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	995.46 107.19	185.30
21 12 23 00-0005	EA		3" x 3" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,182.40 138.43	171.31
21 12 23 00-0006	EA		3" x 3" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,385.52 165.70	185.30
21 12 23 00-0007	EA		2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	734.66 71.27	171.31
21 12 23 00-0008	EA		2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,062.91 117.31	185.30
21 12 23 00-0009	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,384.20 129.63	176.86
21 12 23 00-0010	EA		2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,918.11 194.44	196.49
21 12 23 00-0011	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,444.98 141.24	176.86
21 12 23 00-0012	EA		2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	2,063.93 211.94	196.49
21 12 23 00-0013	EA		2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Square, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	3,490.03 313.27	235.75
21 12 23 00-0014			Fire Hose Angle Valves <small>(21 12 23)</small>		
21 12 23 00-0015	EA		1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve.....	142.10	21.44
21 12 23 00-0016	EA		1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve.....	168.06	21.44
21 12 23 00-0017	EA		1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve.....	158.62	21.44
21 12 23 00-0018	EA		1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve.....	184.59	21.44
21 12 23 00-0019	EA		2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve.....	251.76	35.72
21 12 23 00-0020	EA		2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve.....	289.53	35.72
21 12 23 00-0021	EA		2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve.....	292.68	35.72
21 12 23 00-0022	EA		2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve.....	330.44	35.72
21 12 23 00-0023			Fire Hose Valve Cap And Chain <small>(21 12 23)</small>		
21 12 23 00-0024	EA		1-1/2" Cast Brass, Fire Hose Valve Cap And Chain.....	29.48	8.05
21 12 23 00-0025	EA		1-1/2" Polished Brass, Fire Hose Valve Cap And Chain.....	44.42	8.05
21 12 23 00-0026	EA		1-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain.....	39.70	8.05
21 12 23 00-0027	EA		1-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain.....	51.51	8.05
21 12 23 00-0028	EA		1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	21.40	8.05
21 12 23 00-0029	EA		2-1/2" Cast Brass, Fire Hose Valve Cap And Chain.....	45.30	10.06
21 12 23 00-0030	EA		2-1/2" Polished Brass, Fire Hose Valve Cap And Chain.....	58.67	10.06
21 12 23 00-0031	EA		2-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain.....	56.31	10.06
21 12 23 00-0032	EA		2-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain.....	69.69	10.06
21 12 23 00-0033	EA		2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	28.09	10.06
21 12 23 00-0034	EA		3" Cast Brass, Fire Hose Valve Cap And Chain.....	68.94	10.86
21 12 23 00-0035	EA		3" Polished Brass, Fire Hose Valve Cap And Chain.....	86.25	10.86
21 12 23 00-0036	EA		3" Rough Chrome Plated, Fire Hose Valve Cap And Chain.....	80.74	10.86
21 12 23 00-0037	EA		3" Polished Chrome Plated, Fire Hose Valve Cap And Chain.....	98.84	10.86
21 12 29			Fire-Suppression Fire Hose Equipment <small>(21 12)</small>		
21 12 29 00-0001			Standpipe And Fire Hose Equipment <small>(21 12 29)</small>		
21 12 29 00-0002	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass.....	1,496.05	424.84
21 12 29 00-0003	EA		Water Motor Gong.....	509.78	121.38

21	21 Fire Suppression
	21 10 Water-Based Fire-Suppression Systems
	21 12 Fire-Suppression Standpipes

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 12 29 00-0004	EA		Water Motor Gong With Retard Chamber Assembly	997.93	148.65
21 12 29 00-0005	EA		Fire Riser Flow Switch (National Fire Protection Association 13)	384.20	14.12
21 12 29 00-0006	EA		Water Flow Supervisory (Tamper) Switch Mounted On Valve	152.90	24.15
21 12 29 00-0007	EA		Spare Sprinkler Head Box For 3 Heads.....	27.78	9.29
			Note: Excludes spare sprinkler heads.		
21 12 29 00-0008	EA		Spare Sprinkler Head Box For 6 Heads.....	27.92	9.29
			Note: Excludes spare sprinkler heads.		
21 12 29 00-0009	EA		Spare Sprinkler Head Box For 12 Heads.....	29.51	9.29
			Note: Excludes spare sprinkler heads.		

21 12 29 00-0010			Water Flow Detector ^(21 12 29)		
21 12 29 00-0011			Pressure-Type Wazter Flow Detector ^(21 12 29 00-0010)		
21 12 29 00-0012	EA		Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	255.07	74.33
21 12 29 00-0013	EA		Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	368.05	98.49
21 12 29 00-0014	EA		Pressure-Type Water Flow Detector For >4" To 8" Pipe.....	557.24	111.49

21 12 29 00-0015			Vane-Type Water Flow Detector ^(21 12 29 00-0010)		
21 12 29 00-0016	EA		Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	312.65	74.33
21 12 29 00-0017	EA		Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	438.59	98.49
21 12 29 00-0018	EA		Vane-Type Water Flow Detector For >4" To 8" Pipe.....	669.07	111.49

21 13 Fire-Suppression Sprinkler Systems ^(21 10)

21 13 13 Wet-Pipe Sprinkler Systems ^(21 13)

21 13 13 00-0001			Complete Wet Pipe Sprinkler Systems ^(21 13 13)		
<p>Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components.</p>					

21 13 13 00-0002			Light Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)		
21 13 13 00-0003	EA		Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	324.14	
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads.</p>					
			<i>For Copper Pipe, Add</i>	38.44	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-54.65	
			<i>For Up To 5, Add</i>	150.02	
			<i>For >5 To 10, Add</i>	95.37	
			<i>For >10 To 20, Add</i>	62.96	
			<i>For >20 To 40, Add</i>	26.39	
			<i>For >100 To 150, Deduct</i>	-32.41	
			<i>For >150, Deduct</i>	-64.83	
21 13 13 00-0004	EA		Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	430.19	
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.</p>					
			<i>For Copper Pipe, Add</i>	49.54	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-71.05	
			<i>For Up To 5, Add</i>	202.06	
			<i>For >5 To 10, Add</i>	131.01	
			<i>For >10 To 20, Add</i>	87.99	
			<i>For >20 To 40, Add</i>	36.50	
			<i>For >100 To 150, Deduct</i>	-43.02	
			<i>For >150, Deduct</i>	-86.04	

21 13 13 00-0005			Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)		
21 13 13 00-0006	EA		Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	322.80	
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads.</p>					
			<i>For Copper Pipe, Add</i>	38.36	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-54.50	
			<i>For Up To 5, Add</i>	149.24	
			<i>For >5 To 10, Add</i>	94.73	
			<i>For >10 To 20, Add</i>	62.45	
			<i>For >20 To 40, Add</i>	26.20	
			<i>For >100 To 150, Deduct</i>	-32.28	
			<i>For >150, Deduct</i>	-64.56	
21 13 13 00-0007	EA		Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	426.31	
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.</p>					
			<i>For Copper Pipe, Add</i>	49.15	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-70.47	
			<i>For Up To 5, Add</i>	200.11	
			<i>For >5 To 10, Add</i>	129.64	
			<i>For >10 To 20, Add</i>	87.01	
			<i>For >20 To 40, Add</i>	36.11	
			<i>For >100 To 150, Deduct</i>	-42.63	
			<i>For >150, Deduct</i>	-85.26	

21 13 13 00-0008			Extra Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)		
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-009 EA Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	298.76	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Copper Pipe, Add	35.45	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-50.39	
For Up To 5, Add	138.24	
For >5 To 10, Add	87.85	
For >10 To 20, Add	57.98	
For >20 To 40, Add	24.31	
For >100 To 150, Deduct	-29.88	
For >150, Deduct	-59.75	
21 13 13 00-010 EA Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	395.30	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Copper Pipe, Add	45.51	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-65.28	
For Up To 5, Add	185.68	
For >5 To 10, Add	120.40	
For >10 To 20, Add	80.87	
For >20 To 40, Add	33.55	
For >100 To 150, Deduct	-39.53	
For >150, Deduct	-79.06	
21 13 13 00-0011 Wet Pipe Sprinkler Components (21 13 13)		
Note: Excludes hydraulic calculations.		
21 13 13 00-0012 Wet Pipe Alarm Check Valves (21 13 13 00-0011)		
Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013 EA 2-1/2" Wet Pipe Alarm Check Valve	1,044.40	102.20
21 13 13 00-0014 EA 3" Wet Pipe Alarm Check Valve.....	1,074.13	117.06
21 13 13 00-0015 EA 4" Wet Pipe Alarm Check Valve.....	1,237.65	198.82
21 13 13 00-0016 EA 6" Wet Pipe Alarm Check Valve.....	1,225.86	250.85
21 13 13 00-0017 EA 8" Wet Pipe Alarm Check Valve.....	2,120.99	317.75
21 13 13 00-0018 Wet Pipe Valve Trim (21 13 13 00-0011)		
Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019 EA 2-1/2" Wet Pipe Valve Trim.....	960.48	216.29
21 13 13 00-0020 EA 3" Wet Pipe Valve Trim.....	1,009.48	216.29
21 13 13 00-0021 EA 4" Wet Pipe Valve Trim.....	1,231.78	296.56
21 13 13 00-0022 EA 6" Wet Pipe Valve Trim.....	1,474.02	412.52
21 13 13 00-0023 EA 8" Wet Pipe Valve Trim.....	1,637.55	510.62
21 13 13 00-0024 Wet Pipe Sprinkler Heads (21 13 13 00-0011)		
21 13 13 00-0025 Upright Wet Pipe Sprinkler Heads (21 13 13 00-0024)		
21 13 13 00-0026 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head.....	53.75	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.47	
For >100 To 500, Deduct	-7.61	
For >500 To 1,000, Deduct	-15.75	
For >1,000, Deduct	-22.89	
21 13 13 00-0027 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head.....	55.59	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.57	
For >100 To 500, Deduct	-7.84	
For >500 To 1,000, Deduct	-16.08	
For >1,000, Deduct	-23.22	
21 13 13 00-0028 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	56.76	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.62	
For >100 To 500, Deduct	-7.99	
For >500 To 1,000, Deduct	-16.29	
For >1,000, Deduct	-23.43	
21 13 13 00-0029 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	54.67	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.52	
For >100 To 500, Deduct	-7.73	
For >500 To 1,000, Deduct	-15.91	
For >1,000, Deduct	-23.06	
21 13 13 00-0030 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	56.58	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.62	
For >100 To 500, Deduct	-7.97	
For >500 To 1,000, Deduct	-16.26	
For >1,000, Deduct	-23.40	
21 13 13 00-0031 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	57.80	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.68	
For >100 To 500, Deduct	-8.12	
For >500 To 1,000, Deduct	-16.48	
For >1,000, Deduct	-23.62	
21 13 13 00-0032 EA 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	66.70	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-5.12	
For >100 To 500, Deduct	-9.23	
For >500 To 1,000, Deduct	-18.08	
For >1,000, Deduct	-25.22	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 13 00-0033	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	71.62	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-5.37	
		For >100 To 500, Deduct	-9.85	
		For >500 To 1,000, Deduct	-18.96	
		For >1,000, Deduct	-26.11	
21 13 13 00-0034	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	66.70	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-5.12	
		For >100 To 500, Deduct	-9.23	
		For >500 To 1,000, Deduct	-18.08	
		For >1,000, Deduct	-25.22	
21 13 13 00-0035	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	71.62	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-5.37	
		For >100 To 500, Deduct	-9.85	
		For >500 To 1,000, Deduct	-18.96	
		For >1,000, Deduct	-26.11	
21 13 13 00-0036	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	60.33	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.80	
		For >100 To 500, Deduct	-8.43	
		For >500 To 1,000, Deduct	-16.93	
		For >1,000, Deduct	-24.08	
21 13 13 00-0037	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	62.73	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.92	
		For >100 To 500, Deduct	-8.73	
		For >500 To 1,000, Deduct	-17.36	
		For >1,000, Deduct	-24.51	
21 13 13 00-0038	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	61.62	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.07	
		For >100 To 500, Deduct	-8.69	
		For >500 To 1,000, Deduct	-17.84	
		For >1,000, Deduct	-25.78	
21 13 13 00-0039	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	64.43	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.21	
		For >100 To 500, Deduct	-9.05	
		For >500 To 1,000, Deduct	-18.34	
		For >1,000, Deduct	-26.28	
21 13 13 00-0040	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	65.00	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.23	
		For >100 To 500, Deduct	-9.12	
		For >500 To 1,000, Deduct	-18.45	
		For >1,000, Deduct	-26.39	
21 13 13 00-0041	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	61.62	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.07	
		For >100 To 500, Deduct	-8.69	
		For >500 To 1,000, Deduct	-17.84	
		For >1,000, Deduct	-25.78	
21 13 13 00-0042	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	64.43	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.21	
		For >100 To 500, Deduct	-9.05	
		For >500 To 1,000, Deduct	-18.34	
		For >1,000, Deduct	-26.28	
21 13 13 00-0043	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	65.00	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.23	
		For >100 To 500, Deduct	-9.12	
		For >500 To 1,000, Deduct	-18.45	
		For >1,000, Deduct	-26.39	
21 13 13 00-0044	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	59.06	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.74	
		For >100 To 500, Deduct	-8.28	
		For >500 To 1,000, Deduct	-16.70	
		For >1,000, Deduct	-23.85	
21 13 13 00-0045	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head.....	60.89	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.83	
		For >100 To 500, Deduct	-8.50	
		For >500 To 1,000, Deduct	-17.03	
		For >1,000, Deduct	-24.18	
21 13 13 00-0046	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	61.25	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.85	
		For >100 To 500, Deduct	-8.55	
		For >500 To 1,000, Deduct	-17.10	
		For >1,000, Deduct	-24.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0047	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	59.06	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.74	
			<i>For >100 To 500, Deduct</i>	-8.28	
			<i>For >500 To 1,000, Deduct</i>	-16.70	
			<i>For >1,000, Deduct</i>	-23.85	
21 13 13 00-0048	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head.....	60.89	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.83	
			<i>For >100 To 500, Deduct</i>	-8.50	
			<i>For >500 To 1,000, Deduct</i>	-17.03	
			<i>For >1,000, Deduct</i>	-24.18	
21 13 13 00-0049	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	61.25	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 500, Deduct</i>	-8.55	
			<i>For >500 To 1,000, Deduct</i>	-17.10	
			<i>For >1,000, Deduct</i>	-24.24	
21 13 13 00-0050	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	61.24	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 500, Deduct</i>	-8.55	
			<i>For >500 To 1,000, Deduct</i>	-17.10	
			<i>For >1,000, Deduct</i>	-24.24	
21 13 13 00-0051	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	81.32	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-6.05	
			<i>For >100 To 500, Deduct</i>	-11.16	
			<i>For >500 To 1,000, Deduct</i>	-21.38	
			<i>For >1,000, Deduct</i>	-29.32	
21 13 13 00-0052	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	83.43	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 500, Deduct</i>	-11.42	
			<i>For >500 To 1,000, Deduct</i>	-21.76	
			<i>For >1,000, Deduct</i>	-29.70	
21 13 13 00-0053	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	83.43	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 500, Deduct</i>	-11.42	
			<i>For >500 To 1,000, Deduct</i>	-21.76	
			<i>For >1,000, Deduct</i>	-29.70	
21 13 13 00-0054	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	67.07	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 500, Deduct</i>	-9.38	
			<i>For >500 To 1,000, Deduct</i>	-18.82	
			<i>For >1,000, Deduct</i>	-26.76	
21 13 13 00-0055	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	68.52	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.41	
			<i>For >100 To 500, Deduct</i>	-9.56	
			<i>For >500 To 1,000, Deduct</i>	-19.08	
			<i>For >1,000, Deduct</i>	-27.02	
21 13 13 00-0056	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	68.52	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.41	
			<i>For >100 To 500, Deduct</i>	-9.56	
			<i>For >500 To 1,000, Deduct</i>	-19.08	
			<i>For >1,000, Deduct</i>	-27.02	
21 13 13 00-0057	EA		1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	186.20	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-11.10	
			<i>For >100 To 500, Deduct</i>	-24.17	
			<i>For >500 To 1,000, Deduct</i>	-39.59	
			<i>For >1,000, Deduct</i>	-46.73	
21 13 13 00-0058	EA		3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	205.08	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-12.24	
			<i>For >100 To 500, Deduct</i>	-26.63	
			<i>For >500 To 1,000, Deduct</i>	-43.66	
			<i>For >1,000, Deduct</i>	-51.60	
21 13 13 00-0059	EA		1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	101.61	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-6.87	
			<i>For >100 To 500, Deduct</i>	-13.59	
			<i>For >500 To 1,000, Deduct</i>	-24.36	
			<i>For >1,000, Deduct</i>	-31.51	
21 13 13 00-0060	EA		1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	123.65	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-7.97	
			<i>For >100 To 500, Deduct</i>	-16.35	
			<i>For >500 To 1,000, Deduct</i>	-28.33	
			<i>For >1,000, Deduct</i>	-35.47	
21 13 13 00-0061	EA		1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	215.80	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-12.58	
			<i>For >100 To 500, Deduct</i>	-27.87	
			<i>For >500 To 1,000, Deduct</i>	-44.92	
			<i>For >1,000, Deduct</i>	-52.06	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0062	EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head.....	273.24	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-15.45	
	For >100 To 500, Deduct	-35.05	
	For >500 To 1,000, Deduct	-55.26	
	For >1,000, Deduct	-62.40	
21 13 13 00-0063	EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head.....	127.62	9.92
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-8.37	
	For >100 To 500, Deduct	-16.94	
	For >500 To 1,000, Deduct	-29.72	
	For >1,000, Deduct	-37.66	
21 13 13 00-0064	EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head.....	128.29	9.92
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-8.40	
	For >100 To 500, Deduct	-17.03	
	For >500 To 1,000, Deduct	-29.84	
	For >1,000, Deduct	-37.78	
21 13 13 00-0065	Conventional Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0066	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head.....	53.75	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.47	
	For >100 To 500, Deduct	-7.61	
	For >500 To 1,000, Deduct	-15.75	
	For >1,000, Deduct	-22.89	
21 13 13 00-0067	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head.....	55.59	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.57	
	For >100 To 500, Deduct	-7.84	
	For >500 To 1,000, Deduct	-16.08	
	For >1,000, Deduct	-23.22	
21 13 13 00-0068	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head.....	56.76	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.62	
	For >100 To 500, Deduct	-7.99	
	For >500 To 1,000, Deduct	-16.29	
	For >1,000, Deduct	-23.43	
21 13 13 00-0069	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head.....	62.28	9.92
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-5.10	
	For >100 To 500, Deduct	-8.78	
	For >500 To 1,000, Deduct	-17.96	
	For >1,000, Deduct	-25.90	
21 13 13 00-0070	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head.....	64.43	9.92
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-5.21	
	For >100 To 500, Deduct	-9.05	
	For >500 To 1,000, Deduct	-18.34	
	For >1,000, Deduct	-26.28	
21 13 13 00-0071	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head.....	64.76	9.92
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-5.22	
	For >100 To 500, Deduct	-9.09	
	For >500 To 1,000, Deduct	-18.40	
	For >1,000, Deduct	-26.34	
21 13 13 00-0072	EA 1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head.....	186.20	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-11.10	
	For >100 To 500, Deduct	-24.17	
	For >500 To 1,000, Deduct	-39.59	
	For >1,000, Deduct	-46.73	
21 13 13 00-0073	Pendant Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
	See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.		
21 13 13 00-0074	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head.....	53.75	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.47	
	For >100 To 500, Deduct	-7.61	
	For >500 To 1,000, Deduct	-15.75	
	For >1,000, Deduct	-22.89	
21 13 13 00-0075	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head.....	55.59	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.57	
	For >100 To 500, Deduct	-7.84	
	For >500 To 1,000, Deduct	-16.08	
	For >1,000, Deduct	-23.22	
21 13 13 00-0076	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	56.76	8.94
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-4.62	
	For >100 To 500, Deduct	-7.99	
	For >500 To 1,000, Deduct	-16.29	
	For >1,000, Deduct	-23.43	

		Fire Suppression	21
		Water-Based Fire-Suppression Systems	21 10
		Fire-Suppression Sprinkler Systems	21 13

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0077	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Brass Wet Pipe Sprinkler Head	61.62	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.07	
		For >100 To 500, Deduct	-8.69	
		For >500 To 1,000, Deduct	-17.84	
		For >1,000, Deduct	-25.78	
21 13 13 00-0078	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Chrome Wet Pipe Sprinkler Head.....	64.43	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.21	
		For >100 To 500, Deduct	-9.05	
		For >500 To 1,000, Deduct	-18.34	
		For >1,000, Deduct	-26.28	
21 13 13 00-0079	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	65.00	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.23	
		For >100 To 500, Deduct	-9.12	
		For >500 To 1,000, Deduct	-18.45	
		For >1,000, Deduct	-26.39	
21 13 13 00-0080	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Brass Wet Pipe Sprinkler Head	59.06	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.74	
		For >100 To 500, Deduct	-8.28	
		For >500 To 1,000, Deduct	-16.70	
		For >1,000, Deduct	-23.85	
21 13 13 00-0081	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Chrome Wet Pipe Sprinkler Head.....	60.89	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.83	
		For >100 To 500, Deduct	-8.50	
		For >500 To 1,000, Deduct	-17.03	
		For >1,000, Deduct	-24.18	
21 13 13 00-0082	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant White Polyester Coated Wet Pipe Sprinkler Head	61.25	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.85	
		For >100 To 500, Deduct	-8.55	
		For >500 To 1,000, Deduct	-17.10	
		For >1,000, Deduct	-24.24	
21 13 13 00-0083	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Brass Wet Pipe Sprinkler Head	59.06	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.74	
		For >100 To 500, Deduct	-8.28	
		For >500 To 1,000, Deduct	-16.70	
		For >1,000, Deduct	-23.85	
21 13 13 00-0084	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Chrome Wet Pipe Sprinkler Head.....	60.89	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.83	
		For >100 To 500, Deduct	-8.50	
		For >500 To 1,000, Deduct	-17.03	
		For >1,000, Deduct	-24.18	
21 13 13 00-0085	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	61.25	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.85	
		For >100 To 500, Deduct	-8.55	
		For >500 To 1,000, Deduct	-17.10	
		For >1,000, Deduct	-24.24	
21 13 13 00-0086	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Brass Wet Pipe Sprinkler Head, Low Lead.....	59.06	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.74	
		For >100 To 500, Deduct	-8.28	
		For >500 To 1,000, Deduct	-16.70	
		For >1,000, Deduct	-23.85	
21 13 13 00-0087	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Chrome Wet Pipe Sprinkler Head, Low Lead	60.89	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.83	
		For >100 To 500, Deduct	-8.50	
		For >500 To 1,000, Deduct	-17.03	
		For >1,000, Deduct	-24.18	
21 13 13 00-0088	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	61.25	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.85	
		For >100 To 500, Deduct	-8.55	
		For >500 To 1,000, Deduct	-17.10	
		For >1,000, Deduct	-24.24	
21 13 13 00-0089	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Brass Wet Pipe Sprinkler Head, Low Lead.....	53.75	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.47	
		For >100 To 500, Deduct	-7.61	
		For >500 To 1,000, Deduct	-15.75	
		For >1,000, Deduct	-22.89	
21 13 13 00-0090	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Chrome Wet Pipe Sprinkler Head, Low Lead	55.59	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.57	
		For >100 To 500, Deduct	-7.84	
		For >500 To 1,000, Deduct	-16.08	
		For >1,000, Deduct	-23.22	
21 13 13 00-0091	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	56.76	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.62	
		For >100 To 500, Deduct	-7.99	
		For >500 To 1,000, Deduct	-16.29	
		For >1,000, Deduct	-23.43	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0092	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	54.68	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.52	
			<i>For >100 To 500, Deduct</i>	-7.73	
			<i>For >500 To 1,000, Deduct</i>	-15.91	
			<i>For >1,000, Deduct</i>	-23.06	
21 13 13 00-0093	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	55.98	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.59	
			<i>For >100 To 500, Deduct</i>	-7.89	
			<i>For >500 To 1,000, Deduct</i>	-16.15	
			<i>For >1,000, Deduct</i>	-23.29	
21 13 13 00-0094	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	57.16	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.64	
			<i>For >100 To 500, Deduct</i>	-8.04	
			<i>For >500 To 1,000, Deduct</i>	-16.36	
			<i>For >1,000, Deduct</i>	-23.51	
21 13 13 00-0095	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	63.36	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.15	
			<i>For >100 To 500, Deduct</i>	-8.91	
			<i>For >500 To 1,000, Deduct</i>	-18.15	
			<i>For >1,000, Deduct</i>	-26.09	
21 13 13 00-0096	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	65.74	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.27	
			<i>For >100 To 500, Deduct</i>	-9.21	
			<i>For >500 To 1,000, Deduct</i>	-18.58	
			<i>For >1,000, Deduct</i>	-26.52	
21 13 13 00-0097	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	65.74	9.92
			<i>For >25 To 50, Deduct</i>	-1.98	
			<i>For >50 To 100, Deduct</i>	-5.27	
			<i>For >100 To 500, Deduct</i>	-9.21	
			<i>For >500 To 1,000, Deduct</i>	-18.58	
			<i>For >1,000, Deduct</i>	-26.52	
21 13 13 00-0098	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	60.33	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.80	
			<i>For >100 To 500, Deduct</i>	-8.43	
			<i>For >500 To 1,000, Deduct</i>	-16.93	
			<i>For >1,000, Deduct</i>	-24.08	
21 13 13 00-0099	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	62.73	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.92	
			<i>For >100 To 500, Deduct</i>	-8.73	
			<i>For >500 To 1,000, Deduct</i>	-17.36	
			<i>For >1,000, Deduct</i>	-24.51	
21 13 13 00-0100	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	66.33	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-5.10	
			<i>For >100 To 500, Deduct</i>	-9.18	
			<i>For >500 To 1,000, Deduct</i>	-18.01	
			<i>For >1,000, Deduct</i>	-25.16	
21 13 13 00-0101	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	70.27	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-5.30	
			<i>For >100 To 500, Deduct</i>	-9.68	
			<i>For >500 To 1,000, Deduct</i>	-18.72	
			<i>For >1,000, Deduct</i>	-25.87	
21 13 13 00-0102	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	66.33	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-5.10	
			<i>For >100 To 500, Deduct</i>	-9.18	
			<i>For >500 To 1,000, Deduct</i>	-18.01	
			<i>For >1,000, Deduct</i>	-25.16	
21 13 13 00-0103	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	70.27	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-5.30	
			<i>For >100 To 500, Deduct</i>	-9.68	
			<i>For >500 To 1,000, Deduct</i>	-18.72	
			<i>For >1,000, Deduct</i>	-25.87	
21 13 13 00-0104	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	57.22	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.65	
			<i>For >100 To 500, Deduct</i>	-8.05	
			<i>For >500 To 1,000, Deduct</i>	-16.37	
			<i>For >1,000, Deduct</i>	-23.52	
21 13 13 00-0105	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	59.28	8.94
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.75	
			<i>For >100 To 500, Deduct</i>	-8.30	
			<i>For >500 To 1,000, Deduct</i>	-16.74	
			<i>For >1,000, Deduct</i>	-23.89	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	60.37	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.80	
		For >100 To 500, Deduct	-8.44	
		For >500 To 1,000, Deduct	-16.94	
		For >1,000, Deduct	-24.08	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	62.49	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.11	
		For >100 To 500, Deduct	-8.80	
		For >500 To 1,000, Deduct	-18.00	
		For >1,000, Deduct	-25.93	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	64.53	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.21	
		For >100 To 500, Deduct	-9.06	
		For >500 To 1,000, Deduct	-18.36	
		For >1,000, Deduct	-26.30	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	66.51	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.31	
		For >100 To 500, Deduct	-9.31	
		For >500 To 1,000, Deduct	-18.72	
		For >1,000, Deduct	-26.66	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	58.39	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.71	
		For >100 To 500, Deduct	-8.19	
		For >500 To 1,000, Deduct	-16.58	
		For >1,000, Deduct	-23.73	
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	60.41	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.81	
		For >100 To 500, Deduct	-8.44	
		For >500 To 1,000, Deduct	-16.95	
		For >1,000, Deduct	-24.09	
21 13 13 00-0112	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	61.52	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-4.86	
		For >100 To 500, Deduct	-8.58	
		For >500 To 1,000, Deduct	-17.15	
		For >1,000, Deduct	-24.29	
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	63.36	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.15	
		For >100 To 500, Deduct	-8.91	
		For >500 To 1,000, Deduct	-18.15	
		For >1,000, Deduct	-26.09	
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	65.49	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.26	
		For >100 To 500, Deduct	-9.18	
		For >500 To 1,000, Deduct	-18.54	
		For >1,000, Deduct	-26.47	
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	67.54	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.36	
		For >100 To 500, Deduct	-9.43	
		For >500 To 1,000, Deduct	-18.90	
		For >1,000, Deduct	-26.84	
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendant Chrome Wet Pipe Sprinkler Head.....	90.58	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-6.32	
		For >100 To 500, Deduct	-12.22	
		For >500 To 1,000, Deduct	-22.38	
		For >1,000, Deduct	-29.52	
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	90.58	8.94
		For >25 To 50, Deduct	-1.79	
		For >50 To 100, Deduct	-6.32	
		For >100 To 500, Deduct	-12.22	
		For >500 To 1,000, Deduct	-22.38	
		For >1,000, Deduct	-29.52	
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	69.18	9.92
		For >25 To 50, Deduct	-1.98	
		For >50 To 100, Deduct	-5.44	
		For >100 To 500, Deduct	-9.64	
		For >500 To 1,000, Deduct	-19.20	
		For >1,000, Deduct	-27.14	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various sprinkler head specifications and their associated costs.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0135	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	57.97	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.68	
				<i>For >100 To 500, Deduct</i>	-8.14	
				<i>For >500 To 1,000, Deduct</i>	-16.51	
				<i>For >1,000, Deduct</i>	-23.65	
21 13 13 00-0136	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head.....	60.30	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.80	
				<i>For >100 To 500, Deduct</i>	-8.43	
				<i>For >500 To 1,000, Deduct</i>	-16.93	
				<i>For >1,000, Deduct</i>	-24.07	
21 13 13 00-0137	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	57.33	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.65	
				<i>For >100 To 500, Deduct</i>	-8.06	
				<i>For >500 To 1,000, Deduct</i>	-16.39	
				<i>For >1,000, Deduct</i>	-23.54	
21 13 13 00-0138	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	58.83	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.73	
				<i>For >100 To 500, Deduct</i>	-8.25	
				<i>For >500 To 1,000, Deduct</i>	-16.66	
				<i>For >1,000, Deduct</i>	-23.81	
21 13 13 00-0139	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	61.20	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.85	
				<i>For >100 To 500, Deduct</i>	-8.54	
				<i>For >500 To 1,000, Deduct</i>	-17.09	
				<i>For >1,000, Deduct</i>	-24.23	
21 13 13 00-0140	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	62.73	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.92	
				<i>For >100 To 500, Deduct</i>	-8.73	
				<i>For >500 To 1,000, Deduct</i>	-17.36	
				<i>For >1,000, Deduct</i>	-24.51	
21 13 13 00-0141	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	65.13	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-5.04	
				<i>For >100 To 500, Deduct</i>	-9.03	
				<i>For >500 To 1,000, Deduct</i>	-17.80	
				<i>For >1,000, Deduct</i>	-24.94	
21 13 13 00-0142	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	67.92	9.92
				<i>For >25 To 50, Deduct</i>	-1.98	
				<i>For >50 To 100, Deduct</i>	-5.38	
				<i>For >100 To 500, Deduct</i>	-9.48	
				<i>For >500 To 1,000, Deduct</i>	-18.97	
				<i>For >1,000, Deduct</i>	-26.91	
21 13 13 00-0143	EA			3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	71.50	9.92
				<i>For >25 To 50, Deduct</i>	-1.98	
				<i>For >50 To 100, Deduct</i>	-5.56	
				<i>For >100 To 500, Deduct</i>	-9.93	
				<i>For >500 To 1,000, Deduct</i>	-19.62	
				<i>For >1,000, Deduct</i>	-27.56	
21 13 13 00-0144	EA			1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	67.89	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-5.18	
				<i>For >100 To 500, Deduct</i>	-9.38	
				<i>For >500 To 1,000, Deduct</i>	-18.29	
				<i>For >1,000, Deduct</i>	-25.44	
21 13 13 00-0145	EA			1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	70.27	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-5.30	
				<i>For >100 To 500, Deduct</i>	-9.68	
				<i>For >500 To 1,000, Deduct</i>	-18.72	
				<i>For >1,000, Deduct</i>	-25.87	
21 13 13 00-0146	EA			1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	67.89	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-5.18	
				<i>For >100 To 500, Deduct</i>	-9.38	
				<i>For >500 To 1,000, Deduct</i>	-18.29	
				<i>For >1,000, Deduct</i>	-25.44	
21 13 13 00-0147	EA			1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	70.27	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-5.30	
				<i>For >100 To 500, Deduct</i>	-9.68	
				<i>For >500 To 1,000, Deduct</i>	-18.72	
				<i>For >1,000, Deduct</i>	-25.87	
21 13 13 00-0148	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	55.25	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.55	
				<i>For >100 To 500, Deduct</i>	-7.80	
				<i>For >500 To 1,000, Deduct</i>	-16.02	
				<i>For >1,000, Deduct</i>	-23.16	
21 13 13 00-0149	EA			1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	56.46	8.94
				<i>For >25 To 50, Deduct</i>	-1.79	
				<i>For >50 To 100, Deduct</i>	-4.61	
				<i>For >100 To 500, Deduct</i>	-7.95	
				<i>For >500 To 1,000, Deduct</i>	-16.24	
				<i>For >1,000, Deduct</i>	-23.38	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0150	EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	57.98	8.94
	<i>For >25 To 50, Deduct</i>	-1.79	
	<i>For >50 To 100, Deduct</i>	-4.69	
	<i>For >100 To 500, Deduct</i>	-8.14	
	<i>For >500 To 1,000, Deduct</i>	-16.51	
	<i>For >1,000, Deduct</i>	-23.65	
21 13 13 00-0151	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	60.64	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.02	
	<i>For >100 To 500, Deduct</i>	-8.57	
	<i>For >500 To 1,000, Deduct</i>	-17.66	
	<i>For >1,000, Deduct</i>	-25.60	
21 13 13 00-0152	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	61.95	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.08	
	<i>For >100 To 500, Deduct</i>	-8.74	
	<i>For >500 To 1,000, Deduct</i>	-17.90	
	<i>For >1,000, Deduct</i>	-25.84	
21 13 13 00-0153	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	63.35	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.15	
	<i>For >100 To 500, Deduct</i>	-8.91	
	<i>For >500 To 1,000, Deduct</i>	-18.15	
	<i>For >1,000, Deduct</i>	-26.09	
21 13 13 00-0154	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	61.67	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.07	
	<i>For >100 To 500, Deduct</i>	-8.70	
	<i>For >500 To 1,000, Deduct</i>	-17.85	
	<i>For >1,000, Deduct</i>	-25.79	
21 13 13 00-0155	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	63.03	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.14	
	<i>For >100 To 500, Deduct</i>	-8.87	
	<i>For >500 To 1,000, Deduct</i>	-18.09	
	<i>For >1,000, Deduct</i>	-26.03	
21 13 13 00-0156	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	64.49	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.21	
	<i>For >100 To 500, Deduct</i>	-9.05	
	<i>For >500 To 1,000, Deduct</i>	-18.36	
	<i>For >1,000, Deduct</i>	-26.29	
21 13 13 00-0157	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	64.51	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.21	
	<i>For >100 To 500, Deduct</i>	-9.06	
	<i>For >500 To 1,000, Deduct</i>	-18.36	
	<i>For >1,000, Deduct</i>	-26.30	
21 13 13 00-0158	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	66.51	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.31	
	<i>For >100 To 500, Deduct</i>	-9.31	
	<i>For >500 To 1,000, Deduct</i>	-18.72	
	<i>For >1,000, Deduct</i>	-26.66	
21 13 13 00-0159	EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	66.51	9.92
	<i>For >25 To 50, Deduct</i>	-1.98	
	<i>For >50 To 100, Deduct</i>	-5.31	
	<i>For >100 To 500, Deduct</i>	-9.31	
	<i>For >500 To 1,000, Deduct</i>	-18.72	
	<i>For >1,000, Deduct</i>	-26.66	
21 13 13 00-0160	EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	103.83	8.94
	<i>For >25 To 50, Deduct</i>	-1.79	
	<i>For >50 To 100, Deduct</i>	-6.98	
	<i>For >100 To 500, Deduct</i>	-13.87	
	<i>For >500 To 1,000, Deduct</i>	-24.76	
	<i>For >1,000, Deduct</i>	-31.91	
21 13 13 00-0161	EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head.....	103.83	8.94
	<i>For >25 To 50, Deduct</i>	-1.79	
	<i>For >50 To 100, Deduct</i>	-6.98	
	<i>For >100 To 500, Deduct</i>	-13.87	
	<i>For >500 To 1,000, Deduct</i>	-24.76	
	<i>For >1,000, Deduct</i>	-31.91	
21 13 13 00-0162	EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	55.75	8.94
	<i>For >25 To 50, Deduct</i>	-1.79	
	<i>For >50 To 100, Deduct</i>	-4.57	
	<i>For >100 To 500, Deduct</i>	-7.86	
	<i>For >500 To 1,000, Deduct</i>	-16.11	
	<i>For >1,000, Deduct</i>	-23.25	
21 13 13 00-0163	EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	55.75	8.94
	<i>For >25 To 50, Deduct</i>	-1.79	
	<i>For >50 To 100, Deduct</i>	-4.57	
	<i>For >100 To 500, Deduct</i>	-7.86	
	<i>For >500 To 1,000, Deduct</i>	-16.11	
	<i>For >1,000, Deduct</i>	-23.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0164 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	55.75	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.57	
For >100 To 500, Deduct	-7.86	
For >500 To 1,000, Deduct	-16.11	
For >1,000, Deduct	-23.25	
21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads (21 13 13 00-0132)		
21 13 13 00-0166 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head.....	58.41	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.71	
For >100 To 500, Deduct	-8.19	
For >500 To 1,000, Deduct	-16.59	
For >1,000, Deduct	-23.73	
21 13 13 00-0167 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head.....	60.24	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.80	
For >100 To 500, Deduct	-8.42	
For >500 To 1,000, Deduct	-16.92	
For >1,000, Deduct	-24.06	
21 13 13 00-0168 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head.....	61.03	8.94
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-4.84	
For >100 To 500, Deduct	-8.52	
For >500 To 1,000, Deduct	-17.06	
For >1,000, Deduct	-24.20	
21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads (21 13 13 00-0024)		
21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads (21 13 13 00-0169)		
21 13 13 00-0171 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	83.71	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-6.57	
For >100 To 500, Deduct	-11.65	
For >500 To 1,000, Deduct	-23.16	
For >1,000, Deduct	-32.69	
21 13 13 00-0172 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head	62.17	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-5.49	
For >100 To 500, Deduct	-8.96	
For >500 To 1,000, Deduct	-19.29	
For >1,000, Deduct	-28.81	
21 13 13 00-0173 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head	62.96	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-5.53	
For >100 To 500, Deduct	-9.06	
For >500 To 1,000, Deduct	-19.43	
For >1,000, Deduct	-28.96	
21 13 13 00-0174 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head	77.61	12.90
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.58	
For >50 To 100, Deduct	-6.46	
For >100 To 500, Deduct	-10.99	
For >500 To 1,000, Deduct	-22.74	
For >1,000, Deduct	-33.06	
21 13 13 00-0175 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head	73.64	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-6.06	
For >100 To 500, Deduct	-10.40	
For >500 To 1,000, Deduct	-21.35	
For >1,000, Deduct	-30.88	
21 13 13 00-0176 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head	73.64	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-6.06	
For >100 To 500, Deduct	-10.40	
For >500 To 1,000, Deduct	-21.35	
For >1,000, Deduct	-30.88	
21 13 13 00-0177 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	77.61	12.90
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.58	
For >50 To 100, Deduct	-6.46	
For >100 To 500, Deduct	-10.99	
For >500 To 1,000, Deduct	-22.74	
For >1,000, Deduct	-33.06	
21 13 13 00-0178 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	68.60	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-5.81	
For >100 To 500, Deduct	-9.77	
For >500 To 1,000, Deduct	-20.45	
For >1,000, Deduct	-29.97	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0179	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 73.64	73.64	11.91
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-6.06	
			For >100 To 500, Deduct	-10.40	
			For >500 To 1,000, Deduct	-21.35	
			For >1,000, Deduct	-30.88	
21 13 13 00-0180	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 73.64	73.64	11.91
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-6.06	
			For >100 To 500, Deduct	-10.40	
			For >500 To 1,000, Deduct	-21.35	
			For >1,000, Deduct	-30.88	
21 13 13 00-0181	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 69.79	69.79	11.91
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-5.87	
			For >100 To 500, Deduct	-9.91	
			For >500 To 1,000, Deduct	-20.66	
			For >1,000, Deduct	-30.19	
21 13 13 00-0182	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head 111.61	111.61	13.89
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.78	
			For >50 To 100, Deduct	-8.36	
			For >100 To 500, Deduct	-15.34	
			For >500 To 1,000, Deduct	-29.54	
			For >1,000, Deduct	-40.65	
21 13 13 00-0183	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 66.09	66.09	11.91
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-5.69	
			For >100 To 500, Deduct	-9.45	
			For >500 To 1,000, Deduct	-19.99	
			For >1,000, Deduct	-29.52	
21 13 13 00-0184	EA		3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 69.73	69.73	12.90
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.58	
			For >50 To 100, Deduct	-6.07	
			For >100 To 500, Deduct	-10.01	
			For >500 To 1,000, Deduct	-21.32	
			For >1,000, Deduct	-31.64	
21 13 13 00-0185	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 66.80	66.80	11.91
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-5.72	
			For >100 To 500, Deduct	-9.54	
			For >500 To 1,000, Deduct	-20.12	
			For >1,000, Deduct	-29.65	
21 13 13 00-0186	EA		3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 70.77	70.77	12.90
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.58	
			For >50 To 100, Deduct	-6.12	
			For >100 To 500, Deduct	-10.14	
			For >500 To 1,000, Deduct	-21.51	
			For >1,000, Deduct	-31.83	
21 13 13 00-0187	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 77.94	77.94	12.90
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.58	
			For >50 To 100, Deduct	-6.48	
			For >100 To 500, Deduct	-11.03	
			For >500 To 1,000, Deduct	-22.80	
			For >1,000, Deduct	-33.12	
21 13 13 00-0188	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate 127.95	127.95	13.89
			For >25 To 50, Deduct	-2.78	
			For >50 To 100, Deduct	-9.18	
			For >100 To 500, Deduct	-17.38	
			For >500 To 1,000, Deduct	-32.48	
			For >1,000, Deduct	-43.59	
21 13 13 00-0189	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate 127.95	127.95	13.89
			For >25 To 50, Deduct	-2.78	
			For >50 To 100, Deduct	-9.18	
			For >100 To 500, Deduct	-17.38	
			For >500 To 1,000, Deduct	-32.48	
			For >1,000, Deduct	-43.59	

21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads (21 13 13 00-0189)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0191 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	89.70	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-6.87	
For >100 To 500, Deduct	-12.40	
For >500 To 1,000, Deduct	-24.24	
For >1,000, Deduct	-33.77	
21 13 13 00-0192 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	100.68	12.90
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.58	
For >50 To 100, Deduct	-7.61	
For >100 To 500, Deduct	-13.88	
For >500 To 1,000, Deduct	-26.89	
For >1,000, Deduct	-37.21	
21 13 13 00-0193 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	72.19	11.91
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.38	
For >50 To 100, Deduct	-5.99	
For >100 To 500, Deduct	-10.21	
For >500 To 1,000, Deduct	-21.09	
For >1,000, Deduct	-30.62	
21 13 13 00-0194 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	73.49	12.90
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.58	
For >50 To 100, Deduct	-6.25	
For >100 To 500, Deduct	-10.48	
For >500 To 1,000, Deduct	-22.00	
For >1,000, Deduct	-32.32	
21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0196 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head.....	202.63	9.92
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
For >25 To 50, Deduct	-1.98	
For >50 To 100, Deduct	-12.12	
For >100 To 500, Deduct	-26.32	
For >500 To 1,000, Deduct	-43.22	
For >1,000, Deduct	-51.16	
21 13 13 00-0197 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	197.93	9.92
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
For >25 To 50, Deduct	-1.98	
For >50 To 100, Deduct	-11.88	
For >100 To 500, Deduct	-25.73	
For >500 To 1,000, Deduct	-42.37	
For >1,000, Deduct	-50.31	
21 13 13 00-0198 EA 1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head.....	89.51	9.92
For >25 To 50, Deduct	-1.98	
For >50 To 100, Deduct	-6.46	
For >100 To 500, Deduct	-12.18	
For >500 To 1,000, Deduct	-22.86	
For >1,000, Deduct	-30.80	
21 13 13 00-0199 EA 1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	99.28	9.92
For >25 To 50, Deduct	-1.98	
For >50 To 100, Deduct	-6.95	
For >100 To 500, Deduct	-13.40	
For >500 To 1,000, Deduct	-24.62	
For >1,000, Deduct	-32.56	
21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories <small>(21 13 13 00-0011)</small>		
21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple <small>(21 13 13 00-0200)</small>		
21 13 13 00-0202 EA 1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150).....	35.89	10.26
For >25 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-2.65	
For >100 To 500, Deduct	-4.91	
For >500 To 1,000, Deduct	-9.37	
For >1,000, Deduct	-12.78	
21 13 13 00-0203 EA 1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150).....	35.89	10.26
For >25 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-2.65	
For >100 To 500, Deduct	-4.91	
For >500 To 1,000, Deduct	-9.37	
For >1,000, Deduct	-12.78	
21 13 13 00-0204 EA 1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150).....	36.27	10.26
For >25 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-2.67	
For >100 To 500, Deduct	-4.96	
For >500 To 1,000, Deduct	-9.43	
For >1,000, Deduct	-12.85	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150).....	32.32	10.26
		<i>For >25 To 50, Deduct</i>	-0.85	
		<i>For >50 To 100, Deduct</i>	-2.47	
		<i>For >100 To 500, Deduct</i>	-4.47	
		<i>For >500 To 1,000, Deduct</i>	-8.72	
		<i>For >1,000, Deduct</i>	-12.14	
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150).....	32.32	10.26
		<i>For >25 To 50, Deduct</i>	-0.85	
		<i>For >50 To 100, Deduct</i>	-2.47	
		<i>For >100 To 500, Deduct</i>	-4.47	
		<i>For >500 To 1,000, Deduct</i>	-8.72	
		<i>For >1,000, Deduct</i>	-12.14	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150).....	32.32	10.26
		<i>For >25 To 50, Deduct</i>	-0.85	
		<i>For >50 To 100, Deduct</i>	-2.47	
		<i>For >100 To 500, Deduct</i>	-4.47	
		<i>For >500 To 1,000, Deduct</i>	-8.72	
		<i>For >1,000, Deduct</i>	-12.14	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175).....	36.03	11.15
		<i>For >25 To 50, Deduct</i>	-0.93	
		<i>For >50 To 100, Deduct</i>	-2.73	
		<i>For >100 To 500, Deduct</i>	-4.97	
		<i>For >500 To 1,000, Deduct</i>	-9.65	
		<i>For >1,000, Deduct</i>	-13.36	
21 13 13 00-0209		Sprinkler Head Escutcheon <small>(21 13 13 00-0200)</small>		
21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	13.66	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.98	
		<i>For >100 To 500, Deduct</i>	-1.86	
		<i>For >500 To 1,000, Deduct</i>	-3.47	
		<i>For >1,000, Deduct</i>	-4.66	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	13.66	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.98	
		<i>For >100 To 500, Deduct</i>	-1.86	
		<i>For >500 To 1,000, Deduct</i>	-3.47	
		<i>For >1,000, Deduct</i>	-4.66	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	12.95	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 500, Deduct</i>	-1.77	
		<i>For >500 To 1,000, Deduct</i>	-3.34	
		<i>For >1,000, Deduct</i>	-4.53	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	9.77	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-3.96	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	12.95	3.58
		<i>For >25 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 500, Deduct</i>	-1.77	
		<i>For >500 To 1,000, Deduct</i>	-3.34	
		<i>For >1,000, Deduct</i>	-4.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0220	EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	9.77	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-0.79	
	For >100 To 500, Deduct	-1.37	
	For >500 To 1,000, Deduct	-2.77	
	For >1,000, Deduct	-3.96	
21 13 13 00-0221	EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	9.77	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-0.79	
	For >100 To 500, Deduct	-1.37	
	For >500 To 1,000, Deduct	-2.77	
	For >1,000, Deduct	-3.96	
21 13 13 00-0222	EA 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	13.30	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-0.96	
	For >100 To 500, Deduct	-1.81	
	For >500 To 1,000, Deduct	-3.41	
	For >1,000, Deduct	-4.60	
21 13 13 00-0223	EA 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	13.30	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-0.96	
	For >100 To 500, Deduct	-1.81	
	For >500 To 1,000, Deduct	-3.41	
	For >1,000, Deduct	-4.60	
21 13 13 00-0224	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	5.53	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.48	
	For >100 To 500, Deduct	-0.79	
	For >500 To 1,000, Deduct	-1.67	
	For >1,000, Deduct	-2.46	
21 13 13 00-0225	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	5.04	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.45	
	For >100 To 500, Deduct	-0.73	
	For >500 To 1,000, Deduct	-1.58	
	For >1,000, Deduct	-2.38	
21 13 13 00-0226	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	5.17	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.46	
	For >100 To 500, Deduct	-0.75	
	For >500 To 1,000, Deduct	-1.61	
	For >1,000, Deduct	-2.40	
21 13 13 00-0227	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	5.62	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.48	
	For >100 To 500, Deduct	-0.80	
	For >500 To 1,000, Deduct	-1.69	
	For >1,000, Deduct	-2.48	
21 13 13 00-0228	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	5.13	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.46	
	For >100 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.60	
	For >1,000, Deduct	-2.39	
21 13 13 00-0229	EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	5.13	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.46	
	For >100 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.60	
	For >1,000, Deduct	-2.39	
21 13 13 00-0230	EA 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	6.12	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.50	
	For >100 To 500, Deduct	-0.86	
	For >500 To 1,000, Deduct	-1.78	
	For >1,000, Deduct	-2.57	
21 13 13 00-0231	EA 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	5.11	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.45	
	For >100 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.59	
	For >1,000, Deduct	-2.39	
21 13 13 00-0232	EA 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	5.11	2.62
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.45	
	For >100 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.59	
	For >1,000, Deduct	-2.39	
21 13 13 00-0233	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	8.28	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.69	
	For >100 To 500, Deduct	-1.17	
	For >500 To 1,000, Deduct	-2.44	
	For >1,000, Deduct	-3.55	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0234	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	8.01	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.68	
	For >100 To 500, Deduct	-1.14	
	For >500 To 1,000, Deduct	-2.39	
	For >1,000, Deduct	-3.50	
21 13 13 00-0235	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon.....	8.10	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.68	
	For >100 To 500, Deduct	-1.15	
	For >500 To 1,000, Deduct	-2.40	
	For >1,000, Deduct	-3.52	
21 13 13 00-0236	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon.....	8.36	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.70	
	For >100 To 500, Deduct	-1.18	
	For >500 To 1,000, Deduct	-2.45	
	For >1,000, Deduct	-3.56	
21 13 13 00-0237	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	8.10	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.68	
	For >100 To 500, Deduct	-1.15	
	For >500 To 1,000, Deduct	-2.40	
	For >1,000, Deduct	-3.52	
21 13 13 00-0238	EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon.....	8.28	3.67
	For >25 To 50, Deduct	-0.28	
	For >50 To 100, Deduct	-0.69	
	For >100 To 500, Deduct	-1.17	
	For >500 To 1,000, Deduct	-2.44	
	For >1,000, Deduct	-3.55	
21 13 13 00-0239	EA Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0240	EA Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0241	EA Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0242	EA Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0243	EA Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0244	EA White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head.....	16.51	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.12	
	For >100 To 500, Deduct	-2.21	
	For >500 To 1,000, Deduct	-3.98	
	For >1,000, Deduct	-5.17	
21 13 13 00-0245	EA 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	18.92	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.24	
	For >100 To 500, Deduct	-2.51	
	For >500 To 1,000, Deduct	-4.42	
	For >1,000, Deduct	-5.61	
21 13 13 00-0246	EA 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	19.48	3.58
	For >25 To 50, Deduct	-0.30	
	For >50 To 100, Deduct	-1.27	
	For >100 To 500, Deduct	-2.58	
	For >500 To 1,000, Deduct	-4.52	
	For >1,000, Deduct	-5.71	

21 13 13 00-0247 Coverplate For Sprinkler Heads (21 13 13 00-0200)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0248	EA Chrome Coverplate For Concealed Pendent Sprinkler Head	38.14	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-2.24	
	For >100 To 500, Deduct	-4.94	
	For >500 To 1,000, Deduct	-8.01	
	For >1,000, Deduct	-9.36	
21 13 13 00-0249	EA White Coverplate For Concealed Pendent Sprinkler Head.....	18.98	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.29	
	For >100 To 500, Deduct	-2.54	
	For >500 To 1,000, Deduct	-4.56	
	For >1,000, Deduct	-5.91	
21 13 13 00-0250	EA Specialty Coverplate For Concealed Pendent Sprinkler Head	27.29	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.70	
	For >100 To 500, Deduct	-3.58	
	For >500 To 1,000, Deduct	-6.06	
	For >1,000, Deduct	-7.41	
21 13 13 00-0251	EA Brass Coverplate For Concealed Sidewall Sprinkler Head.....	25.14	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.59	
	For >100 To 500, Deduct	-3.31	
	For >500 To 1,000, Deduct	-5.67	
	For >1,000, Deduct	-7.02	
21 13 13 00-0252	EA Chrome Coverplate For Concealed Sidewall Sprinkler Head	20.25	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.35	
	For >100 To 500, Deduct	-2.70	
	For >500 To 1,000, Deduct	-4.79	
	For >1,000, Deduct	-6.14	
21 13 13 00-0253	EA White Coverplate For Concealed Sidewall Sprinkler Head.....	20.25	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.35	
	For >100 To 500, Deduct	-2.70	
	For >500 To 1,000, Deduct	-4.79	
	For >1,000, Deduct	-6.14	
21 13 13 00-0254	EA Off-White Coverplate For Concealed Sidewall Sprinkler Head.....	25.14	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.59	
	For >100 To 500, Deduct	-3.31	
	For >500 To 1,000, Deduct	-5.67	
	For >1,000, Deduct	-7.02	
21 13 13 00-0255	EA Black Painted Coverplate For Concealed Sidewall Sprinkler Head.....	25.14	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.59	
	For >100 To 500, Deduct	-3.31	
	For >500 To 1,000, Deduct	-5.67	
	For >1,000, Deduct	-7.02	
21 13 13 00-0256	EA Black Plated Coverplate For Concealed Sidewall Sprinkler Head	29.01	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.79	
	For >100 To 500, Deduct	-3.80	
	For >500 To 1,000, Deduct	-6.37	
	For >1,000, Deduct	-7.72	
21 13 13 00-0257	EA Bright Brass Coverplate For Concealed Sidewall Sprinkler Head.....	29.01	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.79	
	For >100 To 500, Deduct	-3.80	
	For >500 To 1,000, Deduct	-6.37	
	For >1,000, Deduct	-7.72	
21 13 13 00-0258	EA Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head.....	29.01	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.79	
	For >100 To 500, Deduct	-3.80	
	For >500 To 1,000, Deduct	-6.37	
	For >1,000, Deduct	-7.72	
21 13 13 00-0259	EA Specialty Coverplate For Concealed Sidewall Sprinkler Head.....	25.16	4.05
	For >25 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-1.60	
	For >100 To 500, Deduct	-3.31	
	For >500 To 1,000, Deduct	-5.68	
	For >1,000, Deduct	-7.03	
21 13 13 00-0260	EA White Coverplate For Quick Release Concealed Sidewall Sprinkler Head.....	42.47	4.76
	For >25 To 50, Deduct	-0.40	
	For >50 To 100, Deduct	-2.52	
	For >100 To 500, Deduct	-5.51	
	For >500 To 1,000, Deduct	-8.99	
	For >1,000, Deduct	-10.58	
21 13 13 00-0261	Sprinkler Escutcheon Extension Tube <small>(21 13 13 00-0260)</small>		
21 13 13 00-0262	EA 2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube	10.04	2.38
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.20	
	For >50 To 100, Deduct	-0.70	
	For >100 To 500, Deduct	-1.35	
	For >500 To 1,000, Deduct	-2.48	
	For >1,000, Deduct	-3.28	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0263	EA 2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	12.94	2.50
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.21	
	For >50 To 100, Deduct	-0.86	
	For >100 To 500, Deduct	-1.72	
	For >500 To 1,000, Deduct	-3.04	
	For >1,000, Deduct	-3.87	
21 13 13 00-0264	EA 2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	16.16	2.62
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.22	
	For >50 To 100, Deduct	-1.03	
	For >100 To 500, Deduct	-2.13	
	For >500 To 1,000, Deduct	-3.65	
	For >1,000, Deduct	-4.52	
21 13 13 00-0265	EA 2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	19.06	2.74
	Note: For use with 2 piece escutcheons		
	For >25 To 50, Deduct	-0.23	
	For >50 To 100, Deduct	-1.18	
	For >100 To 500, Deduct	-2.50	
	For >500 To 1,000, Deduct	-4.21	
	For >1,000, Deduct	-5.12	
21 13 13 00-0266	Sprinkler Head Guards <small>(21 13 13 00-0200)</small>		
21 13 13 00-0267	EA Universal Sprinkler Head Guard, C-1.....	15.77	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.38	
	For >100 To 500, Deduct	-2.27	
	For >500 To 1,000, Deduct	-4.86	
	For >1,000, Deduct	-7.25	
21 13 13 00-0268	EA Dry Pendent Sprinkler Head Guard, C-2.....	17.27	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.46	
	For >100 To 500, Deduct	-2.46	
	For >500 To 1,000, Deduct	-5.13	
	For >1,000, Deduct	-7.52	
21 13 13 00-0269	EA Upright Sprinkler Head Guard With Water Shield, C-3.....	19.82	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.59	
	For >100 To 500, Deduct	-2.78	
	For >500 To 1,000, Deduct	-5.59	
	For >1,000, Deduct	-7.97	
21 13 13 00-0270	EA Pendent Sprinkler Head Guard With Water Shield, C-5.....	22.97	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.74	
	For >100 To 500, Deduct	-3.17	
	For >500 To 1,000, Deduct	-6.16	
	For >1,000, Deduct	-8.54	
21 13 13 00-0271	EA Universal Sprinkler Head Guard, D-1.....	17.21	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.46	
	For >100 To 500, Deduct	-2.45	
	For >500 To 1,000, Deduct	-5.12	
	For >1,000, Deduct	-7.50	
21 13 13 00-0272	EA Upright Sprinkler Head Guard With Water Shield, D-3.....	18.18	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.50	
	For >100 To 500, Deduct	-2.57	
	For >500 To 1,000, Deduct	-5.30	
	For >1,000, Deduct	-7.68	
21 13 13 00-0273	EA Pendent Sprinkler Head Guard With Large Water Shield, D-4.....	25.40	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.87	
	For >100 To 500, Deduct	-3.47	
	For >500 To 1,000, Deduct	-6.60	
	For >1,000, Deduct	-8.98	
21 13 13 00-0274	EA Pendent Sprinkler Head Guard With Small Water Shield, D-5.....	23.95	7.14
	For >25 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.79	
	For >100 To 500, Deduct	-3.29	
	For >500 To 1,000, Deduct	-6.34	
	For >1,000, Deduct	-8.72	
21 13 13 00-0275	Flexible Sprinkler Piping <small>(21 13 13 00-0011)</small>		
	Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0276	EA 2' Long Stainless Steel Flexible Sprinkler Piping.....	48.75	12.30
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.24	
	For >50 To 100, Deduct	-3.68	
	For >100 To 500, Deduct	-6.71	
	For >500 To 1,000, Deduct	-12.99	
	For >1,000, Deduct	-17.95	
21 13 13 00-0277	EA 3' Long Stainless Steel Flexible Sprinkler Piping.....	53.70	12.70
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-3.99	
	For >100 To 500, Deduct	-7.37	
	For >500 To 1,000, Deduct	-14.10	
	For >1,000, Deduct	-19.33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 13 00-0278	EA	4' Long Stainless Steel Flexible Sprinkler Piping	58.78	13.50
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	-1.38	
		For >50 To 100, Deduct	-4.32	
		For >100 To 500, Deduct	-8.04	
		For >500 To 1,000, Deduct	-15.27	
		For >1,000, Deduct	-20.78	
21 13 13 00-0279	EA	5' Long Stainless Steel Flexible Sprinkler Piping	64.05	14.28
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	-1.46	
		For >50 To 100, Deduct	-4.66	
		For >100 To 500, Deduct	-8.74	
		For >500 To 1,000, Deduct	-16.49	
		For >1,000, Deduct	-22.33	
21 13 13 00-0280	EA	6' Long Stainless Steel Flexible Sprinkler Piping	69.52	15.88
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	-1.55	
		For >50 To 100, Deduct	-5.03	
		For >100 To 500, Deduct	-9.47	
		For >500 To 1,000, Deduct	-17.79	
		For >1,000, Deduct	-23.99	

21 13 13 00-0281 Sprinkler Emergency Cabinets (21 13 13 00-0011)

21 13 13 00-0282	EA	3 Capacity Emergency Sprinkler Cabinet, A4	66.87	
21 13 13 00-0283	EA	6 Capacity Emergency Sprinkler Cabinet, A4	70.84	
21 13 13 00-0284	EA	12 Capacity Emergency Sprinkler Cabinet, A4	72.70	
21 13 13 00-0285	EA	12 Capacity Emergency Sprinkler Cabinet, A3	206.55	
21 13 13 00-0286	EA	Sprinkler Wrench, RC1	89.89	
21 13 13 00-0287	EA	Sprinkler Wrench, FC	89.54	
21 13 13 00-0288	EA	Sprinkler Wrench, W2	29.73	

21 13 16 Dry-Pipe Sprinkler Systems (21 13)

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems (21 13 16)

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head.....	351.64	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	162.95	
		For >5 To 10, Add	90.89	
		For >10 To 20, Add	68.60	
		For >20 To 40, Add	28.73	
		For >100 To 150, Deduct	-35.16	
		For >150, Deduct	-70.33	
		For Copper Pipe, Add	41.60	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-59.18	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head	442.64	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	207.29	
		For >5 To 10, Add	119.86	
		For >10 To 20, Add	89.62	
		For >20 To 40, Add	37.25	
		For >100 To 150, Deduct	-44.26	
		For >150, Deduct	-88.53	
		For Copper Pipe, Add	51.28	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-73.41	

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head.....	356.40	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	164.57	
		For >5 To 10, Add	90.67	
		For >10 To 20, Add	68.66	
		For >20 To 40, Add	28.83	
		For >100 To 150, Deduct	-35.64	
		For >150, Deduct	-71.28	
		For Copper Pipe, Add	42.45	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-60.27	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head	445.21	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	207.96	
		For >5 To 10, Add	119.20	
		For >10 To 20, Add	89.33	
		For >20 To 40, Add	37.20	
		For >100 To 150, Deduct	-44.52	
		For >150, Deduct	-89.04	
		For Copper Pipe, Add	51.85	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	-74.11	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0008			Extra Hazard, Dry-Pipe Sprinkler Systems <small>(21 13 16 00-0001)</small>		
21 13 16 00-0009	EA		Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head	334.24	
			Note: Includes branch pipe and fittings, supports and sprinkler heads.		
			For Up To 5, Add	154.21	
			For >5 To 10, Add	84.70	
			For >10 To 20, Add	64.19	
			For >20 To 40, Add	26.97	
			For >100 To 150, Deduct	-33.42	
			For >150, Deduct	-66.85	
			For Copper Pipe, Add	39.88	
			For Polyvinyl Chloride (PVC) Pipe, Deduct	-56.59	
21 13 16 00-0010	EA		Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head	414.47	
			Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
			For Up To 5, Add	193.61	
			For >5 To 10, Add	111.01	
			For >10 To 20, Add	83.18	
			For >20 To 40, Add	34.64	
			For >100 To 150, Deduct	-41.45	
			For >150, Deduct	-82.89	
			For Copper Pipe, Add	48.26	
			For Polyvinyl Chloride (PVC) Pipe, Deduct	-68.98	
21 13 16 00-0011			Dry-Pipe Sprinkler System Equipment <small>(21 13 16 00-0001)</small>		
21 13 16 00-0012	EA		Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	1,756.40	247.01
21 13 16 00-0013	EA		Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	1,831.77	247.01
21 13 16 00-0014	EA		Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	1,895.36	247.01
21 13 16 00-0015	EA		Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	2,142.66	247.01
21 13 16 00-0016			Dry Pipe Sprinkler System Components <small>(21 13 16)</small>		
			Note: Excludes hydraulic calculations.		
21 13 16 00-0017			Dry Pipe Valves <small>(21 13 16 00-0016)</small>		
			Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA		2-1/2" Dry Pipe Valve	2,136.90	102.20
21 13 16 00-0019	EA		3" Dry Pipe Valve	2,380.63	117.06
21 13 16 00-0020	EA		4" Dry Pipe Valve	2,685.65	198.82
21 13 16 00-0021	EA		6" Dry Pipe Valve	3,405.21	250.85
21 13 16 00-0022			Dry Pipe Valve Trim <small>(21 13 16 00-0016)</small>		
			Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0023	EA		2-1/2" Dry Pipe Valve Trim	1,099.98	216.29
21 13 16 00-0024	EA		3" Dry Pipe Valve Trim	1,099.98	216.29
21 13 16 00-0025	EA		4" Dry Pipe Valve Trim	1,287.78	296.56
21 13 16 00-0026	EA		6" Dry Pipe Valve Trim	1,481.02	412.52
21 13 16 00-0027			Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0028	EA		3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	149.89	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-9.88	
			For >100 To 500, Deduct	-19.93	
			For >500 To 1,000, Deduct	-35.08	
			For >1,000, Deduct	-44.60	
21 13 16 00-0029	EA		6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	155.78	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-10.17	
			For >100 To 500, Deduct	-20.66	
			For >500 To 1,000, Deduct	-36.14	
			For >1,000, Deduct	-45.66	
21 13 16 00-0030	EA		9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	161.68	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-10.47	
			For >100 To 500, Deduct	-21.40	
			For >500 To 1,000, Deduct	-37.20	
			For >1,000, Deduct	-46.73	
21 13 16 00-0031	EA		12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	167.59	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-10.76	
			For >100 To 500, Deduct	-22.14	
			For >500 To 1,000, Deduct	-38.26	
			For >1,000, Deduct	-47.79	
21 13 16 00-0032	EA		15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	173.48	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-11.06	
			For >100 To 500, Deduct	-22.88	
			For >500 To 1,000, Deduct	-39.32	
			For >1,000, Deduct	-48.85	
21 13 16 00-0033	EA		18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	179.37	15.72
			For >25 To 50, Deduct	-2.38	
			For >50 To 100, Deduct	-11.35	
			For >100 To 500, Deduct	-23.61	
			For >500 To 1,000, Deduct	-40.38	
			For >1,000, Deduct	-49.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 16 00-0034	EA		21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Dry Pipe Sprinkler Head	185.26	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-11.64	
			<i>For >100 To 500, Deduct</i>	-24.35	
			<i>For >500 To 1,000, Deduct</i>	-41.44	
			<i>For >1,000, Deduct</i>	-50.97	
21 13 16 00-0035	EA		24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	191.17	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-11.94	
			<i>For >100 To 500, Deduct</i>	-25.09	
			<i>For >500 To 1,000, Deduct</i>	-42.51	
			<i>For >1,000, Deduct</i>	-52.03	
21 13 16 00-0036	EA		27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Dry Pipe Sprinkler Head	197.06	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-12.23	
			<i>For >100 To 500, Deduct</i>	-25.82	
			<i>For >500 To 1,000, Deduct</i>	-43.57	
			<i>For >1,000, Deduct</i>	-53.09	
21 13 16 00-0037	EA		30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	202.96	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-12.53	
			<i>For >100 To 500, Deduct</i>	-26.56	
			<i>For >500 To 1,000, Deduct</i>	-44.63	
			<i>For >1,000, Deduct</i>	-54.16	
21 13 16 00-0038	EA		33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Dry Pipe Sprinkler Head	208.86	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-12.82	
			<i>For >100 To 500, Deduct</i>	-27.30	
			<i>For >500 To 1,000, Deduct</i>	-45.69	
			<i>For >1,000, Deduct</i>	-55.22	
21 13 16 00-0039	EA		36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	214.75	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-13.12	
			<i>For >100 To 500, Deduct</i>	-28.03	
			<i>For >500 To 1,000, Deduct</i>	-46.75	
			<i>For >1,000, Deduct</i>	-56.28	
21 13 16 00-0040	EA		39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Dry Pipe Sprinkler Head	220.66	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-13.41	
			<i>For >100 To 500, Deduct</i>	-28.77	
			<i>For >500 To 1,000, Deduct</i>	-47.82	
			<i>For >1,000, Deduct</i>	-57.34	
21 13 16 00-0041	EA		42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	226.54	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-13.71	
			<i>For >100 To 500, Deduct</i>	-29.51	
			<i>For >500 To 1,000, Deduct</i>	-48.87	
			<i>For >1,000, Deduct</i>	-58.40	
21 13 16 00-0042	EA		45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	232.45	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-14.00	
			<i>For >100 To 500, Deduct</i>	-30.25	
			<i>For >500 To 1,000, Deduct</i>	-49.94	
			<i>For >1,000, Deduct</i>	-59.46	

21 13 16 00-0043 Sidewall Dry Pipe Sprinkler Heads, Quick Response (21 13 16 00-0016)

21 13 16 00-0044	EA		3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	148.47	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-9.81	
			<i>For >100 To 500, Deduct</i>	-19.75	
			<i>For >500 To 1,000, Deduct</i>	-34.82	
			<i>For >1,000, Deduct</i>	-44.35	
21 13 16 00-0045	EA		6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	154.38	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-10.10	
			<i>For >100 To 500, Deduct</i>	-20.49	
			<i>For >500 To 1,000, Deduct</i>	-35.89	
			<i>For >1,000, Deduct</i>	-45.41	
21 13 16 00-0046	EA		9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	160.28	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-10.40	
			<i>For >100 To 500, Deduct</i>	-21.23	
			<i>For >500 To 1,000, Deduct</i>	-36.95	
			<i>For >1,000, Deduct</i>	-46.47	
21 13 16 00-0047	EA		12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	166.16	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-10.69	
			<i>For >100 To 500, Deduct</i>	-21.96	
			<i>For >500 To 1,000, Deduct</i>	-38.01	
			<i>For >1,000, Deduct</i>	-47.53	
21 13 16 00-0048	EA		15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	172.06	15.72
			<i>For >25 To 50, Deduct</i>	-2.38	
			<i>For >50 To 100, Deduct</i>	-10.98	
			<i>For >100 To 500, Deduct</i>	-22.70	
			<i>For >500 To 1,000, Deduct</i>	-39.07	
			<i>For >1,000, Deduct</i>	-48.59	

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 16 00-0049	EA 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	177.95	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-11.28	
	For >100 To 500, Deduct	-23.43	
	For >500 To 1,000, Deduct	-40.13	
	For >1,000, Deduct	-49.65	
21 13 16 00-0050	EA 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	183.87	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-11.58	
	For >100 To 500, Deduct	-24.17	
	For >500 To 1,000, Deduct	-41.19	
	For >1,000, Deduct	-50.72	
21 13 16 00-0051	EA 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	189.76	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-11.87	
	For >100 To 500, Deduct	-24.91	
	For >500 To 1,000, Deduct	-42.25	
	For >1,000, Deduct	-51.78	
21 13 16 00-0052	EA 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	195.64	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-12.16	
	For >100 To 500, Deduct	-25.65	
	For >500 To 1,000, Deduct	-43.31	
	For >1,000, Deduct	-52.84	
21 13 16 00-0053	EA 30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	201.54	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-12.46	
	For >100 To 500, Deduct	-26.38	
	For >500 To 1,000, Deduct	-44.37	
	For >1,000, Deduct	-53.90	
21 13 16 00-0054	EA 33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	207.44	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-12.75	
	For >100 To 500, Deduct	-27.12	
	For >500 To 1,000, Deduct	-45.44	
	For >1,000, Deduct	-54.96	
21 13 16 00-0055	EA 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	213.33	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-13.05	
	For >100 To 500, Deduct	-27.86	
	For >500 To 1,000, Deduct	-46.50	
	For >1,000, Deduct	-56.02	
21 13 16 00-0056	EA 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	231.03	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-13.93	
	For >100 To 500, Deduct	-30.07	
	For >500 To 1,000, Deduct	-49.68	
	For >1,000, Deduct	-59.21	
21 13 16 00-0057	EA 42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	236.93	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-14.23	
	For >100 To 500, Deduct	-30.81	
	For >500 To 1,000, Deduct	-50.74	
	For >1,000, Deduct	-60.27	
21 13 16 00-0058	EA 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	239.28	15.72
	For >25 To 50, Deduct	-2.38	
	For >50 To 100, Deduct	-14.35	
	For >100 To 500, Deduct	-31.10	
	For >500 To 1,000, Deduct	-51.17	
	For >1,000, Deduct	-60.69	

21 13 19 Preaction Sprinkler Systems (21 13)

21 13 19 00-0001	Complete Preaction Sprinkler Systems (21 13 19) Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
21 13 19 00-0002	Ordinary Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)		
21 13 19 00-0003	EA Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head.....	337.40	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	156.97	
	For >5 To 10, Add	100.50	
	For >10 To 20, Add	66.76	
	For >20 To 40, Add	27.88	
	For >100 To 150, Deduct	-33.74	
	For >150, Deduct	-67.48	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head.....	314.15
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Up To 5, Add	146.17
		For >5 To 10, Add	93.60
		For >10 To 20, Add	62.18
		For >20 To 40, Add	25.96
		For >100 To 150, Deduct	-31.42
		For >150, Deduct	-62.83

21 13 26 Deluge Fire-Suppression Sprinkler Systems (21 13)

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment (21 13 26)
 See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Deluge Valves With Required Trim And Release Equipment (21 13 26 00-0001)

21 13 26 00-0003	EA	3" Deluge Valve With Trim And Release Equipment	5,403.70	441.05
21 13 26 00-0004	EA	4" Deluge Valve With Trim And Release Equipment	6,197.89	496.14
21 13 26 00-0005	EA	6" Deluge Valve With Trim And Release Equipment	7,665.69	721.66

21 13 39 Foam-Water Systems (21 13)

21 13 39 00-0001 Foam Control Valves And Monitors (21 13 39)

21 13 39 00-0002 Control Valves (21 13 39 00-0001)

21 13 39 00-0003	EA	3" Foam Control Valve.....	2,522.63	441.05
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21 13 39 00-0004 Supply Valves (21 13 39 00-0001)

21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	2,268.31	496.14
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21 13 39 00-0006 Proportioners (21 13 39 00-0001)

21 13 39 00-0007	EA	8" Foam Proportioner.....	1,851.24	721.66
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21 13 39 00-0008 Monitors (21 13 39 00-0001)

21 13 39 00-0009	EA	Oscillating Foam Monitor	2,641.97	99.23
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21 13 41 Fire-Suppression Sprinkler Piping (21 13)

See CSI section 23 21 13 23-0000 for black steel piping.

21 13 41 00-0001 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41)

Note: SDR 13.5

21 13 41 00-0002 Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41 00-0001)

21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	4.39	1.27
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	5.28	1.35
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.67	1.51
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	8.20	1.66
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	10.57	1.82
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	14.53	2.07
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	20.36	2.46

21 13 41 00-0010 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)

21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	20.64	7.62
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	27.34	9.53
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	34.21	11.91
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	39.19	13.18
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	44.52	14.77
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	56.69	16.75
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	69.62	19.85

21 13 41 00-0018 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)

21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	21.20	7.62
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	26.44	9.53
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	33.53	11.91
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	38.11	13.18
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	43.17	14.77
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	53.29	16.75
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	65.89	19.85

21 13 41 00-0026 Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping (21 13 41 00-0001)

21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	30.73	11.43
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	40.12	14.37
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	51.16	17.94
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	58.93	19.85
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	69.18	22.07

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	85.50	25.16
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	101.00	29.69
21 13 41 00-0034		Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	37.04	13.42
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	48.38	16.75
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	54.23	18.50
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	64.39	20.64
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	76.25	23.50
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	89.69	27.70
21 13 41 00-0041		Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	41.50	15.24
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	52.03	19.13
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	65.58	23.89
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	74.07	26.43
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	86.90	29.46
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	112.67	33.49
21 13 41 00-0048		Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	14.22	5.08
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	19.04	6.83
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	25.27	8.97
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	28.89	9.92
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	33.21	11.03
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	39.99	12.54
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	48.30	14.85
21 13 41 00-0056		Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	7.26	2.54
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	11.54	4.13
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	13.29	4.44
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	15.27	4.93
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	18.17	5.56
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	22.01	6.28
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	28.77	7.46
21 13 41 00-0064		Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	20.00	7.55
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	26.54	9.84
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	29.33	10.88
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	33.46	12.15
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	39.87	13.81
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	48.81	16.35
21 13 41 00-0071		Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	17.92	5.56
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	23.01	7.55
21 13 41 00-0074		Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	17.92	5.56
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	23.01	7.55
21 13 41 00-0077		Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	20.83	6.83
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	26.67	8.57
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	27.81	8.57
21 13 41 00-0081		Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0082 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	34.17	11.43
21 13 41 00-0083 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	41.93	14.37
21 13 41 00-0084 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	54.84	17.94
21 13 41 00-0085 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	62.83	19.85
21 13 41 00-0086 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	73.92	22.07

21 20 Fire-Extinguishing Systems ⁽²¹⁾

21 21 Carbon-Dioxide Fire-Extinguishing Systems ^(21 20)

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment ^(21 21)

21 21 16 00-0001 Carbon Dioxide Cylinders ^(21 21 16)

21 21 16 00-0002 EA Carbon Dioxide Simplex Cylinder, 75 LB.....	1,439.16	207.19
21 21 16 00-0003 EA Carbon Dioxide Duplex Cylinder, 75 LB (Each).....	2,878.32	414.37
21 21 16 00-0004 EA Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket.....	252.05	111.43
21 21 16 00-0005 EA Carbon Dioxide Cylinder, Dispersion Nozzle.....	105.21	37.85
21 21 16 00-0006 LF Carbon Dioxide Cylinder, 1/2" Rubber Tubing.....	29.86	15.35

21 22 Clean-Agent Fire-Extinguishing Systems ^(21 20)

21 22 16 Clean-Agent Fire-Extinguishing Equipment ^(21 22)

21 22 16 00-0001 Ansul Fire Control Systems ^(21 22 16)

21 22 16 00-0002 Sapphire® Fire Suppression Systems ^(21 22 16 00-0001)

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems ^(21 22 16 00-0002)

21 22 16 00-0004 EA 20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635).....	1,462.25	70.64
Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0005 EA 40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636).....	1,668.20	70.64
Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0006 EA 80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637).....	1,695.28	70.64
Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0007 EA 140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638).....	2,406.99	94.17
Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0008 EA 280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639).....	2,543.13	94.17
Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0009 EA 390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640).....	2,716.70	117.72
Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0010 EA 450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641).....	2,882.70	117.72
Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0011 EA 850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586).....	4,351.79	141.26
Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0012 LB Sapphire Agent, Fire Protection Fluid, Factory Filled (Novec 1230).....	36.78	141.26
Note: Add to empty tank cost.		

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems ^(21 22 16 00-0002)

21 22 16 00-0014 EA 1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515).....	139.49	11.77
21 22 16 00-0015 EA 3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516).....	143.00	11.77
21 22 16 00-0016 EA 1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517).....	151.79	11.77
21 22 16 00-0017 EA 1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518).....	157.94	11.77
21 22 16 00-0018 EA 1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519).....	166.72	11.77
21 22 16 00-0019 EA 2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520).....	193.06	11.77
21 22 16 00-0020 EA 1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602).....	139.49	11.77
21 22 16 00-0021 EA 3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603).....	143.00	11.77
21 22 16 00-0022 EA 1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604).....	151.79	11.77
21 22 16 00-0023 EA 1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605).....	157.94	11.77
21 22 16 00-0024 EA 1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606).....	166.72	11.77
21 22 16 00-0025 EA 2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607).....	193.06	11.77

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System ^(21 22 16 00-0002)

21 22 16 00-0027 EA 7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	12.48	3.53
21 22 16 00-0028 EA 7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811).....	13.99	3.53
21 22 16 00-0029 EA 1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	18.95	8.24
21 22 16 00-0030 EA 16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597).....	44.95	10.55
21 22 16 00-0031 EA 32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142).....	66.76	10.55
21 22 16 00-0032 EA 42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815).....	80.66	10.55
21 22 16 00-0033 EA 24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	39.93	10.55
21 22 16 00-0034 EA Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	277.06	94.17
21 22 16 00-0035 EA Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549).....	267.73	70.64
21 22 16 00-0036 EA Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	603.80	94.17

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems ^(21 22 16 00-0002)

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	44.63		11.77
21 22 16 00-0039	EA	Warning Plate For Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	48.59		11.77
21 22 16 00-0040		Cylinder Bracketing, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	137.40		35.31
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	145.30		35.31
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	155.40		35.31
21 22 16 00-0044		Check Valves, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	373.14		37.49
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	524.00		64.32
21 22 16 00-0047		Discharge Hose, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	116.48		23.55
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	439.71		23.55
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	370.31		23.55
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,618.26		94.17
21 22 16 00-0052		Swivel Adaptors, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	41.65		16.48
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	74.49		16.48
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	208.00		11.77
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	268.67		11.77
21 22 16 00-0057		Pressure Switches, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	152.58		47.09
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	154.62		19.77
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	474.85		82.40
21 22 16 00-0061		Level Indicators, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	558.19		16.48
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	584.55		16.48
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	625.90		23.55
21 22 16 00-0065		Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	42.30		14.13
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	53.07		16.48
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	176.57		70.64
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	206.69		70.64
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	231.72		70.64
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	312.53		70.64
21 22 16 00-0072		Replacement Parts, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	50.31		18.84
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	83.71		11.77
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	112.54		23.55
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	295.51		94.17
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	449.21		94.17
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,526.90		94.17
21 22 16 00-0079		Inergen® Fire Suppression System (21 22 16 00-0001)			
21 22 16 00-0080		Actuation Attachments, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	163.48		23.32
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	190.17		25.06
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	340.22		45.37
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	683.65		103.33
21 22 16 00-0085		Check Valves, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,654.08		136.37
21 22 16 00-0087		Components, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	48.55		7.15
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	571.36		76.62
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,778.56		239.75
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,694.44		244.26
21 22 16 00-0092		Cylinders, Inergen® Fire Suppression System (21 22 16 00-0079)			
Note: Includes CV98 valve. Factory filled with Inergen agent.					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,482.29	219.43
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,681.48	248.60
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,407.57	322.16
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,408.02	393.66
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,738.43	277.19
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,464.94	350.85
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,541.60	423.03
21 22 16 00-0100		Inspection/Maintenance Devices, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	55.96	7.98
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	55.96	7.98
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	67.52	8.86
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,066.27	152.26
21 22 16 00-0105		Multiple Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502)	17.97	2.33
		Note: For single row 435 cubic foot cylinders.		
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503)	25.49	3.33
		Note: For double row 435 cubic foot cylinders.		
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	19.81	2.60
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	18.30	2.60
21 22 16 00-0111		Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	79.58	11.23
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	83.49	11.77
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	97.01	13.59
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	108.13	15.35
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	124.03	17.65
21 22 16 00-0117		Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	121.86	17.39
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	126.42	17.90
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	116.62	16.57
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	119.40	17.90
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	138.65	19.69
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	148.23	20.97
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	159.58	22.51
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	274.65	39.38
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	363.15	51.66
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	395.87	56.78
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	141.90	20.45
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	167.40	23.94
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	137.76	19.69
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	147.16	20.87
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	148.44	20.97
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	179.19	25.47
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	193.12	27.62
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	296.45	42.38
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	346.14	49.62
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	379.28	54.22
21 22 16 00-0138		Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	159.58	22.51
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	195.76	28.03
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	210.56	30.18
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	296.45	42.38
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	323.91	46.44
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	380.57	54.22
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	442.48	63.58
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	523.11	75.20
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	667.34	148.34
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	859.71	173.92
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,097.89	291.56
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	650.64	148.34
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	720.17	103.61
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,097.89	291.56
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	664.70	148.34
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	748.49	107.67
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,076.81	291.56
21 22 16 00-0156		Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	749.21	113.04

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 22 16 00-0158		Releasing Device Equipment, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,228.89		175.38
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,749.78		233.70
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,855.40		237.73
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310).....	86.77		12.09
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373).....	103.66		16.01
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	993.90		125.12
21 22 16 00-0165		Replacement Orifice Plates, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	108.74		11.88
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	113.97		12.51
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	119.67		12.72
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	128.43		13.14
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	133.64		14.42
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	134.23		15.59
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	294.26		41.78
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	296.88		42.20
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	380.57		54.08
21 22 16 00-0175		Single Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	138.65		19.69
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705).....	189.60		45.02
		Note: Includes saddle, padding and fasteners.			
21 22 16 00-0178		Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856)	361.75		29.11
		Note: Includes gasket and fasteners.			
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857)	303.86		43.46
		Note: Includes gasket and fasteners.			
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858)	611.34		291.56
		Note: Includes gasket and fasteners.			
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859)	190.52		27.18
		Note: Includes gasket and fasteners.			
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860).....	223.64		31.71
		Note: Includes gasket and fasteners.			
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861).....	606.90		291.56
		Note: Includes gasket and fasteners.			
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862)	198.34		28.47
		Note: Includes gasket and fasteners.			
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863)	232.38		33.18
		Note: Includes gasket and fasteners.			
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864)	628.86		291.56
		Note: Includes gasket and fasteners.			
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)	38.91		2.16
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)	39.35		2.37
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)	42.37		2.82
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0191		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	24.28		3.46
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	199.76		26.30
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592)	148.84		26.30
		Note: Includes upright, left, right and center.			
21 22 16 00-0195		Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0001)</small>			
21 22 16 00-0196		Accessory Switches, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>			
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	156.48		22.69
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494).....	177.85		25.88
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497).....	226.22		32.87
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496).....	243.65		35.41
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	305.09		44.53

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	21 22 16 00-0202	EA Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	324.72	47.29
	21 22 16 00-0203	EA Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956).....	622.40	91.19
	21 22 16 00-0204	EA Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	50.13	6.79
	21 22 16 00-0205	Alarm Devices, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0206	EA Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	135.56	19.72
	21 22 16 00-0207	EA Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	198.77	28.84
	21 22 16 00-0208	EA Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702).....	18.14	2.62
	21 22 16 00-0209	Annunciators, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0210	EA 80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,561.83	228.82
	21 22 16 00-0211	EA 16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,309.29	191.71
	21 22 16 00-0212	EA 16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,016.38	148.87
	21 22 16 00-0213	EA 32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	885.21	129.58
	21 22 16 00-0214	EA Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	885.21	129.58
	21 22 16 00-0215	EA Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	709.12	103.70
	21 22 16 00-0216	EA Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,309.29	191.71
	21 22 16 00-0217	EA 24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	266.30	38.81
	21 22 16 00-0218	EA 48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	333.85	48.78
	21 22 16 00-0219	EA 8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	669.46	97.98
	21 22 16 00-0220	EA Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	113.11	16.43
	21 22 16 00-0221	EA Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)..... Note: For up to 4 LDM modules.	153.83	22.69
	21 22 16 00-0222	EA Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657).....	266.32	38.81
	21 22 16 00-0223	Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0224	EA CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	206.96	31.60
	21 22 16 00-0225	EA REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	12.79	2.16
	21 22 16 00-0226	EA REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	89.64	2.62
	21 22 16 00-0227	EA REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	13.83	2.62
	21 22 16 00-0228	Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0229	EA Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	460.07	70.83
	21 22 16 00-0230	EA Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	275.80	42.20
	21 22 16 00-0231	Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0232	EA 7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	203.29	27.14
	21 22 16 00-0233	EA 12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	425.16	57.47
	21 22 16 00-0234	EA 18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	479.78	65.10
	21 22 16 00-0235	EA 25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	627.08	79.31
	21 22 16 00-0236	EA 55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,010.98	137.63
	21 22 16 00-0237	EA BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578).....	151.26	21.84
	21 22 16 00-0238	EA BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079)..... Note: Holds six XP5 modules or 25AH battery pack.	270.23	39.44
	21 22 16 00-0239	EA BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410)..... Note: For mounting in BB-55 battery box.	549.61	80.38
	21 22 16 00-0240	EA Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207)	1,597.79	234.12
	21 22 16 00-0241	EA 120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,168.49	171.14
	21 22 16 00-0242	Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
	21 22 16 00-0243	EA Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	123.12	18.13
	21 22 16 00-0244	EA Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	115.01	18.02
	21 22 16 00-0245	EA Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	155.88	25.88

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	231.45		33.72
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	179.95		27.36
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	169.03		26.30
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	26.93		4.20
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	99.36		14.84
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	99.38		14.42
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	35.33		11.88
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138)	9.15		1.32
		Note: Converts BX501 to low profile base.			
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	95.66		13.89
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	56.03		8.19
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	151.69		21.63
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	79.33		11.45
21 22 16 00-0258		Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	22.84		3.08
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	14.16		1.70
21 22 16 00-0261		Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)			
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470)	198.77		28.84
		Note: Includes municipal box and remote station connection.			
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	597.78		82.92
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,141.05		167.11
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	30.43		4.32
21 22 16 00-0266		Vesda® Aspirating Smoke Detection System (21 22 16 00-0001)			
21 22 16 00-0267		Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)			
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	154.71		20.36
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	375.17		30.69
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	860.30		118.75
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	860.30		118.75
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376)	1,292.62		178.13
		Note: Includes housing and battery cab.			
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377)	1,292.62		178.13
		Note: Includes housing and battery cab.			
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,889.20		226.91
21 22 16 00-0275		Blank Plates, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)			
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	27.74		3.82
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	41.89		3.82
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	60.75		7.21
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	94.72		8.06
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	118.93		16.12
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	220.59		20.36
21 22 16 00-0282		Detectors, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)			
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350)	6,494.57		996.71
		Note: Includes 3 blank plates.			
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354)	8,287.47		1,229.98
		Note: Includes centrally mounted LCD programmer module and standard display.			
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356)	7,493.43		1,123.95
		Note: Includes centrally mounted LCD programmer.			
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	10,421.57		1,484.46
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	10,971.98		1,569.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0288 EA 7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359).....	10,536.11	1,505.67
Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
21 22 16 00-0289 EA 12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360).....	11,127.42	1,590.50
Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
21 22 16 00-0290 EA 7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361).....	11,444.91	1,654.11
Note: Includes 2 blank plates and scan display module at far right.		
21 22 16 00-0291 EA 12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363).....	11,941.17	1,738.94
Note: Includes 2 blank plates and scanner display.		
21 22 16 00-0292 EA 7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365).....	12,551.34	1,823.76
Note: Includes centrally mounted programmer module.		
21 22 16 00-0293 EA 12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367).....	13,087.12	1,908.59
Note: Includes centrally mounted LCD programmer module and scanner display module.		
21 22 16 00-0294 EA 12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369).....	12,300.71	1,738.94
Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0295	Displays, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>	
21 22 16 00-0296 EA VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381).....	1,977.35	233.27
Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0297 EA VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385).....	1,987.02	233.27
Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0298 EA VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383).....	1,790.71	212.06
Note: Includes a remote termination card without relays.		
21 22 16 00-0299 EA VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387).....	1,801.95	212.06
Note: Includes a remote termination card.		
21 22 16 00-0300 EA VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389).....	2,227.50	254.47
Note: Includes a remote termination card and 12 relays.		
21 22 16 00-0301 EA VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	1,892.83	220.55
21 22 16 00-0302 EA VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	2,071.84	247.70
21 22 16 00-0303	Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>	
21 22 16 00-0304 EA LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370).....	4,970.12	699.81
21 22 16 00-0305 EA LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372).....	4,093.59	559.86
21 22 16 00-0306 EA Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380).....	1,447.07	212.06
21 22 16 00-0307 EA VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395).....	1,042.04	137.84
21 22 16 00-0308 EA System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399).....	1,451.96	185.77
21 22 16 00-0309 EA PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442).....	1,760.53	229.03
Note: Interface connects PC and LaserPLUS system.		
21 22 16 00-0310 EA Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443).....	273.89	34.36
21 22 16 00-0311 EA Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444).....	1,831.80	212.06
21 22 16 00-0312 EA Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460).....	1,307.94	176.02
21 22 16 00-0313 EA VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463).....	1,027.28	135.72
21 22 16 00-0314 EA Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461).....	1,310.05	176.02
21 22 16 00-0315 EA Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464).....	1,307.94	176.02
21 22 16 00-0316 EA Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487).....	1,293.44	165.41
21 22 16 00-0317 EA Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466).....	154.08	14.84
21 22 16 00-0318 EA Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467).....	6,249.16	814.33
21 22 16 00-0319 EA Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470).....	10,889.10	1,425.08
21 22 16 00-0320 EA Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475).....	851.01	106.03
21 22 16 00-0321 EA Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477).....	19.37	2.12
21 22 16 00-0322 EA Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	10.94	0.42
21 22 16 00-0323 EA US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481).....	468.77	61.50
21 22 16 00-0324 EA Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	567.91	74.64
21 22 16 00-0325 EA Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486).....	819.81	108.15
21 22 16 00-0326 EA RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	120.78	16.12
21 22 16 00-0327 EA Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	18.85	3.39
21 22 16 00-0328	Labels And Decals, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>	
21 22 16 00-0329 EA Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	17.14	2.54
21 22 16 00-0330 EA Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	17.99	2.97
21 22 16 00-0331 EA Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	27.74	3.82
21 22 16 00-0332 EA Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	27.78	3.82
21 22 16 00-0333 EA Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	100.72	14.42
21 22 16 00-0334	Mounting Hardware, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>	
21 22 16 00-0335 EA Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456).....	248.77	30.53
21 22 16 00-0336 EA Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472).....	335.19	40.72

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	342.89		44.53
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	834.47		63.62
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,227.72		139.96
21 22 16 00-0340		Pipe And Fittings, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>			
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	4.47		1.27
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	7.43		2.54
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	20.12		7.62
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	20.91		7.62
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	14.51		5.08
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	23.67		7.62
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	31.06		11.43
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	39.34		13.42
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.49		1.54
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	17.97		4.67
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	21.94		3.39
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	31.47		4.67
21 22 16 00-0353		Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>			
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396)	1,436.26		162.86
		Note: Remote box includes 7 relays for VLP/VLC.			
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,463.97		187.46
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	886.12		114.52
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,012.52		129.36
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397)	1,436.26		162.86
		Note: Remote box includes 7 relays for VLS.			
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398)	1,733.20		187.46
		Note: Remote box includes 12 relays for VLS.			
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	491.64		57.68
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	739.48		88.22
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,392.69		182.38
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,043.11		267.21
21 22 16 00-0364		Preferred® Low Pressure CO2 System <small>(21 22 16 00-0001)</small>			
21 22 16 00-0365		Manual Pull Stations, Preferred® Low Pressure CO2 System <small>(21 22 16 00-0364)</small>			
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658)	110.29		14.84
		Note: Excludes FMM-101.			
21 22 16 00-0367	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	82.51		11.02
21 22 16 00-0368		Industrial Fire Control System <small>(21 22 16 00-0001)</small>			
21 22 16 00-0369		Alarm Devices, Industrial Fire Control System <small>(21 22 16 00-0368)</small>			
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,669.52		391.26
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	81.66		8.99
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	80.64		11.67
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	48.03		7.00
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	19.62		2.85
21 22 16 00-0375		Manual Pull Stations, Industrial Fire Control System <small>(21 22 16 00-0368)</small>			
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	91.14		12.30
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	128.50		17.39
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,003.24		136.58
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	29.17		3.94
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	13.07		1.76
21 22 16 00-0381		Marine Fire Control System <small>(21 22 16 00-0001)</small>			
21 22 16 00-0382		Alarm Devices, Marine Fire Control System <small>(21 22 16 00-0381)</small>			
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	52.86		7.12
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	97.40		13.79
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	97.40		13.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 22 16 00-0386	FM200 System Equipment <small>(21 22 16)</small>		
21 22 16 00-0387	EA 26 LB Cylinder, Filled, For FM200 Fire Protection system.....	2,156.07	102.30
21 22 16 00-0388	EA 44 LB Cylinder, Filled, For FM200 Fire Protection system.....	3,072.75	117.13
21 22 16 00-0389	EA 63 LB Cylinder, Filled, For FM200 Fire Protection system.....	3,646.91	138.11
21 22 16 00-0390	EA 101 LB Cylinder, Filled, For FM200 Fire Protection system.....	4,821.64	163.69
21 22 16 00-0391	EA 196 LB Cylinder, Filled, For FM200 Fire Protection system.....	7,505.45	204.61
21 22 16 00-0392	EA Electro/Mechanical Release, For FM200 Fire Protection system	586.63	204.61
21 22 16 00-0393	EA Manual Pull Station, For FM200 Fire Protection system	202.57	68.04
21 22 16 00-0394	EA Pneumatic Damper Release, For FM200 Fire Protection system.....	227.96	51.15
21 22 16 00-0395	LB FM200 Gas	17.30	
21 22 16 00-0396	EA Master Cylinder, For FM200 Fire Protection system.....	3,449.91	55.04
21 22 16 00-0397	EA Shuttle Check Valve, For FM200 Fire Protection system	537.65	76.94
21 22 16 00-0398	EA Flex Head Cylinder, For FM200 Fire Protection system	539.40	82.46
21 22 16 00-0399	EA Nozzles, For FM200 Fire Protection system.....	139.64	29.16
21 22 16 00-0400	EA Cylinder Support, For FM200 Fire Protection system.....	176.35	55.04
21 22 16 00-0401	EA Solenoid Valve, For FM200 Fire Protection system.....	683.94	82.46
21 22 16 00-0402	EA Battery Back-Up, For FM200 Fire Protection system.....	610.31	217.50
21 22 16 00-0403	EA Control Panel, Single Zone, For FM200 Fire Protection system.....	2,739.03	408.61
21 22 16 00-0404	EA Control Panel, Multi Zone, For FM200 Fire Protection system	4,533.98	818.13
21 22 16 00-0405	EA Smoke Or Heat Detector, For FM200 Fire Protection system.....	250.52	82.46
21 22 16 00-0406	EA Annunciator, For FM200 Fire Protection system.....	2,205.17	309.68
21 22 16 00-0407	EA Pressure Switch, For FM200 Fire Protection system.....	267.57	82.46
21 22 16 00-0408	EA Alarm Horn, For FM200 Fire Protection system.....	248.88	82.46
21 22 16 00-0409	EA Testing, For FM200 Fire Protection system.....	1,044.93	
21 22 16 00-0410	EA Abort Switch, For FM200 Fire Protection system.....	160.60	38.37

21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)

21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)

21 23 16 00-0001	Kidde Fire Systems <small>(21 23 16)</small>		
	Note: Kidde or equal.		
21 23 16 00-0002	Cylinders And Hardware <small>(21 23 16 00-0001)</small>		
21 23 16 00-0003	EA 125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent.....	704.74	84.76
21 23 16 00-0004	EA 260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	812.78	105.57
21 23 16 00-0005	EA 400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	996.31	130.25
21 23 16 00-0006	EA 600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent.....	1,176.77	154.54
21 23 16 00-0007	EA Discharge Adapter Kit (One Required Per Cylinder).....	39.38	4.43
21 23 16 00-0008	EA System Valve Actuator	142.11	17.61
21 23 16 00-0009	EA Vent Plug	26.75	3.58
21 23 16 00-0010	EA Gauge Shield.....	60.61	9.41
21 23 16 00-0011	EA 125 Cylinder Wall Mounting Bracket.....	73.36	9.41
21 23 16 00-0012	EA 260 Cylinder Wall Mounting Bracket.....	77.76	9.99
21 23 16 00-0013	EA 400S And M Cylinder Wall Mounting Bracket.....	147.76	18.84
21 23 16 00-0014	EA 600 And 400M Cylinder Shelf Bracket.....	146.30	21.37
21 23 16 00-0015	EA 600 And 400M Cylinder Floor Mounting Kit.....	175.32	21.42
21 23 16 00-0016	EA 125 And 260 Cylinder Replacement Bracket Strap.....	24.92	
21 23 16 00-0017	EA 400 And 600 Cylinder Replacement Bracket Strap.....	26.12	

21 23 16 00-0018	Nozzles And Accessories <small>(21 23 16 00-0001)</small>		
21 23 16 00-0019	EA ADP, F, GRW Or R Nozzle	65.85	8.66
21 23 16 00-0020	EA LPF Or DM Nozzle.....	71.30	8.66
21 23 16 00-0021	EA LPR Nozzle.....	82.53	8.66
21 23 16 00-0022	EA 3/8" Swivel Adapter For Nozzles.....	49.27	6.13
21 23 16 00-0023	EA Removal And Replacement Of Nozzle Seals.....	7.78	
21 23 16 00-0024	EA Chrome Nozzle Disc Cap.....	4.79	0.56
21 23 16 00-0025	EA LPR Nozzle Disc Cap	26.79	8.62

21 23 16 00-0026	Control Systems <small>(21 23 16 00-0001)</small>		
21 23 16 00-0027	EA XV Control System	722.84	56.50
	Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.		
21 23 16 00-0028	EA 7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	64.19	9.41
21 23 16 00-0029	EA 24" High Pressure Hose	74.93	9.41
21 23 16 00-0030	EA 60" High Pressure Hose	98.80	9.41
21 23 16 00-0031	EA XV Solenoid Kit (Electric Actuator), 24 Volt DC	146.27	18.84
21 23 16 00-0032	EA XV Microswitch Kit, SPDT.....	49.92	8.85
21 23 16 00-0033	EA XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	53.50	8.85
21 23 16 00-0034	EA EMT Connector Kit (EMT Connector And O-Ring)	23.68	7.06
21 23 16 00-0035	EA KRS-50 Control Box Assembly	409.53	36.49
	Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.		
21 23 16 00-0036	EA SPDT Microswitch For KRS-50.....	68.92	8.85
21 23 16 00-0037	EA DPDT Microswitch For KRS-50	124.47	15.35
21 23 16 00-0038	EA SPDT Pressure Switch (Fire Department Tie-In).....	382.93	49.25

21 23 16 00-0039	Mechanical Actuation Components <small>(21 23 16 00-0001)</small>		
21 23 16 00-0040	EA Universal Detector Link Housing Kit, Mechanical Actuation Systems.....	46.78	14.13
	Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.		

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0041	EA		XV Low Profile Link Detector Housing Kit.....	59.28	14.13
			Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.		
21 23 16 00-0042	EA		XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	142.95	9.41
21 23 16 00-0043	EA		XV Remote Manual Release, Pull-To-Trip.....	110.73	9.41
21 23 16 00-0044	EA		Corner Pulley, Mechanical Actuation Systems.....	19.25	2.54
21 23 16 00-0045	EA		Double Tee Pulley, Mechanical Actuation Systems.....	258.83	15.54
21 23 16 00-0046	EA		In-Line Tee Pulley, Mechanical Actuation Systems.....	32.21	4.14
21 23 16 00-0047	EA		Corner Pulley / Quik-Seal Adapter Combination.....	58.34	4.71
21 23 16 00-0048	LF		1/16" Cable, Mechanical Actuation Systems.....	2.22	0.95
21 23 16 00-0049	EA		Cable Clamp.....	8.11	0.47
21 23 16 00-0050	EA		Cable Crimp Sleeve, Mechanical Actuation Systems.....	1.35	0.37
21 23 16 00-0051	EA		"S" Hook, Mechanical Actuation Systems.....	1.30	0.37
21 23 16 00-0052	EA		1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	68.70	8.76
21 23 16 00-0053			Mechanical Detection Links (21 23 16 00-0001)		
21 23 16 00-0054	EA		KGS Standard Response Link.....	15.73	4.71
21 23 16 00-0055	EA		KGS Rapid Response Link.....	22.05	4.71
21 23 16 00-0056	EA		KFA Type "A" Fusible Link.....	19.22	4.71
21 23 16 00-0057	EA		KML Type "ML" Fusible Link.....	17.76	4.71
21 23 16 00-0058	EA		500 Degree, KML Type "ML" Fusible Link.....	24.92	4.71
21 23 16 00-0059			Gas Valves (21 23 16 00-0001)		
21 23 16 00-0060	EA		3/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	303.35	20.34
21 23 16 00-0061	EA		1" NPT Mechanical Cable Operated Gas Shut-off Valve.....	331.34	25.05
21 23 16 00-0062	EA		1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	381.63	31.64
21 23 16 00-0063	EA		1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	419.43	36.45
21 23 16 00-0064	EA		2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	454.47	43.04
21 23 16 00-0065	EA		2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	750.34	62.91
21 23 16 00-0066	EA		3" NPT Mechanical Cable Operated Gas Shut-off Valve.....	838.87	72.80
21 23 16 00-0067	EA		Pneumatic Release (Single Unit).....	344.52	22.98
21 23 16 00-0068	EA		Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve.....	40.38	
21 23 16 00-0069	EA		1/2" Electric Solenoid Gas Shut-off Valve.....	315.78	18.93
21 23 16 00-0070	EA		3/4" Electric Solenoid Gas Shut-off Valve.....	318.61	20.34
21 23 16 00-0071	EA		1" Electric Solenoid Gas Shut-off Valve.....	489.39	25.05
21 23 16 00-0072	EA		1-1/4" Electric Solenoid Gas Shut-off Valve.....	520.06	31.64
21 23 16 00-0073	EA		1-1/2" Electric Solenoid Gas Shut-off Valve.....	597.10	36.45
21 23 16 00-0074	EA		2" Electric Solenoid Gas Shut-off Valve.....	766.21	43.04
21 23 16 00-0075	EA		2-1/2" Electric Solenoid Gas Shut-off Valve.....	1,263.73	62.91
21 23 16 00-0076	EA		3" Electric Solenoid Gas Shut-off Valve.....	1,585.52	72.80
21 23 16 00-0077	EA		Manual Reset Relay.....	456.37	94.64
21 23 16 00-0078			Liquid Tight Sealing Adapters (21 23 16 00-0001)		
21 23 16 00-0079	EA		3/8" Tubing, Compression Seal Adapter.....	35.15	3.95
21 23 16 00-0080	EA		1/2" Tubing, 1/4" Pipe, Compression Seal Adapter.....	34.76	4.33
21 23 16 00-0081	EA		5/8" Tubing, 3/8" Pipe, Compression Seal Adapter.....	40.85	5.18
21 23 16 00-0082	EA		3/4" Tubing, 1/2" Pipe, Compression Seal Adapter.....	47.00	5.55
21 23 16 00-0083	EA		1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter.....	40.85	5.18
21 23 16 00-0084	EA		3/8" NPT Female, Quik-Seal Adapter.....	34.76	4.33
21 23 16 00-0085	EA		1/2" NPT Female, Quik-Seal Adapter.....	34.76	4.33
21 23 16 00-0086	EA		3/4" NPT Female, Quik-Seal Adapter.....	57.17	7.34
21 23 16 00-0087	EA		1" NPT Female, Quik-Seal Adapter.....	76.10	9.70
21 23 16 00-0088	EA		Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	34.76	
21 23 16 00-0089			Pressure Operated Releasing Systems (21 23 16 00-0001)		
21 23 16 00-0090	EA		KRS-100 Nitrogen Cylinder.....	251.96	28.44
21 23 16 00-0091	EA		KRS-100 Actuator Assembly.....	226.94	29.01
21 23 16 00-0092	EA		KRS-100 Mounting Bracket.....	173.37	7.16
21 23 16 00-0093	EA		KRS-700S Nitrogen Cylinder.....	651.24	82.03
21 23 16 00-0094	EA		KRS-700 Mounting Bracket.....	138.65	17.52
21 23 16 00-0095	EA		KRS-700S Discharge Adapter Kit.....	207.16	17.52
21 23 16 00-0096	EA		Check Valve, Pressure Operated Releasing Systems.....	203.59	12.43
21 23 16 00-0097	EA		Vent Check, Pressure Operated Releasing Systems.....	63.86	7.92
21 23 16 00-0098	EA		Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly.....	8.38	
21 23 16 00-0099	EA		3 Pole, Double Throw Pressure Switch.....	522.07	65.92
21 23 16 00-0100			Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)		
21 23 16 00-0101			Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0102	EA		3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194).....	564.14	66.86
21 23 16 00-0103	EA		4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193).....	812.64	96.34
21 23 16 00-0104	EA		6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196).....	1,070.33	131.75
21 23 16 00-0105	EA		Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053).....	116.81	15.73
21 23 16 00-0106	EA		Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208).....	768.77	102.84
21 23 16 00-0107	EA		Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	469.37	62.72
21 23 16 00-0108			Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0109	EA		165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522).....	15.15	2.07
21 23 16 00-0110	EA		212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	15.15	2.07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0111 EA 280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	15.49	2.07
21 23 16 00-0112 EA 360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	15.15	2.07
21 23 16 00-0113 EA 450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	15.15	2.07
21 23 16 00-0114 EA 500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	16.37	2.07
21 23 16 00-0115 EA Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131).....	26.26	3.48
21 23 16 00-0116 EA Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132).....	34.11	4.62
21 23 16 00-0117 EA Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876).....	52.81	23.83
21 23 16 00-0118 EA 225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6).....	333.48	53.02
21 23 16 00-0119 Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0120 EA 3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593).....	263.97	20.34
21 23 16 00-0121 EA 1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594).....	301.84	25.05
21 23 16 00-0122 EA 1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595).....	328.60	31.64
21 23 16 00-0123 EA 1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596).....	362.41	36.35
21 23 16 00-0124 EA 2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049).....	417.59	42.95
21 23 16 00-0125 EA 2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185).....	950.03	62.81
21 23 16 00-0126 EA 3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186).....	1,017.22	72.71
21 23 16 00-0127 EA 3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	209.81	20.34
21 23 16 00-0128 EA 1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359).....	351.94	25.05
21 23 16 00-0129 EA 1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360).....	370.56	31.64
21 23 16 00-0130 EA 1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361).....	421.97	36.35
21 23 16 00-0131 EA 2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362).....	580.05	42.95
21 23 16 00-0132 EA 2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363).....	1,109.76	62.81
21 23 16 00-0133 EA 3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643).....	1,174.27	72.71
21 23 16 00-0134 Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0135 EA Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	54.17	6.97
21 23 16 00-0136 EA Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	76.28	8.85
21 23 16 00-0137 EA Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	279.29	8.85
21 23 16 00-0138 Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0139 EA Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	20.08	2.74
21 23 16 00-0140 EA PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104).....	657.52	88.43
21 23 16 00-0141 EA PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690).....	838.08	113.10
21 23 16 00-0142 Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0143 EA 24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303).....	429.85	57.91
21 23 16 00-0144 EA 120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302).....	518.63	69.78
21 23 16 00-0145 Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0146 EA Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	474.24	63.85
21 23 16 00-0147 EA Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200).....	495.09	66.77
21 23 16 00-0148 EA 24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201).....	644.79	86.83
21 23 16 00-0149 EA 120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202).....	739.80	99.82
21 23 16 00-0150 EA Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	60.09	8.10
21 23 16 00-0151 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0152 EA Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	14.63	1.32
21 23 16 00-0153 EA Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250).....	15.22	1.70
21 23 16 00-0154 EA Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	48.17	6.50
21 23 16 00-0155 EA Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	0.65	
21 23 16 00-0156 Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0157 EA SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	52.38	7.06
21 23 16 00-0158 EA DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	104.89	14.03
21 23 16 00-0159 EA Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	221.98	29.76
21 23 16 00-0160 Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0161 LF 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	1.13	0.28
21 23 16 00-0162 EA Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	0.74	0.28
21 23 16 00-0163 EA High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	2.59	0.37
21 23 16 00-0164 EA "S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.50	
21 23 16 00-0165 Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0166 EA Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	49.81	6.78
21 23 16 00-0167 EA Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	51.98	7.06
21 23 16 00-0168 EA Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	6.08	0.84
21 23 16 00-0169 EA 225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	71.21	9.23
21 23 16 00-0170 EA Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	10.02	1.32
21 23 16 00-0171 EA Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	13.95	1.88
21 23 16 00-0172 EA Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	6.08	0.84

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	8.58	1.13
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	8.39	1.13
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	2.40	0.28
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	4.06	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	77.69	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	523.31	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	682.22	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	789.42	

21 23 16 00-0181 Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)

21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	24.36	3.20
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	25.23	3.39
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	48.58	6.50
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	68.77	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	147.79	

21 23 16 00-0187 Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)

21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074).....	98.25	13.28
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166).....	107.73	18.65
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088).....	26.26	3.48
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661).....	3.93	1.23

21 23 16 00-0192 Asco Gas Valve Control Panels (21 23 16)

21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	1,594.91	207.19
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	1,643.92	207.19
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	522.89	47.09
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19).....	490.87	47.09

21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)**21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)****21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems (21 24 16)**

Note: Amerex or equal.

21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	448.01	73.08
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	620.21	92.14
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon).....	147.29	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon).....	258.93	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet.....	103.10	15.34
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder.....	60.07	8.90
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit.....	26.05	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder.....	103.10	15.34
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure).....	258.93	38.46
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure.....	138.00	20.45
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure.....	166.34	20.45
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet.....	410.89	61.06
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose.....	31.01	4.60
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder.....	138.00	20.45
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check.....	24.81	3.68
21 24 16 00-0017	EA	Detector.....	18.61	2.76
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link.....	6.97	1.03
21 24 16 00-0019	EA	Test Link.....	2.56	
21 24 16 00-0020	EA	Corner Pulley.....	9.62	1.43
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable.....	155.05	23.01
21 24 16 00-0022	EA	Pulley Tee.....	69.77	10.33
21 24 16 00-0023	EA	Manual Pull Station (Standard).....	62.02	9.21
21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station).....	29.10	4.29
21 24 16 00-0025	EA	Manual Pull Station (Oversized).....	69.15	10.22
21 24 16 00-0026	EA	Conduit Offset.....	13.80	2.04
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal).....	19.01	2.87
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal).....	15.50	2.35
21 24 16 00-0029	EA	3/8" Pipe Compression Seal.....	25.89	3.89
21 24 16 00-0030	EA	1/2" Pipe Compression Seal.....	25.89	3.89
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard).....	8.02	2.65
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature).....	17.29	2.65
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle.....	31.01	4.60
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle.....	31.01	4.60
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each.....	31.01	4.60
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle.....	31.01	4.60
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle.....	31.01	4.60
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle.....	44.60	6.65
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve.....	242.77	27.11
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve.....	289.12	39.37
21 24 16 00-0041	EA	2" Mechanical Gas Valve.....	359.03	46.53
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve).....	390.72	57.99
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads.....	20.56	3.07
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve.....	33.18	4.91
21 24 16 00-0045	EA	Gas Valve Trip Assembly.....	69.77	10.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 24 16 00-0046

Range Guard Fire Suppression Systems (2124 16)

Note: Range Guard or equal.

21 24 16 00-0047	EA		1-1/4 Gallon Charged Cylinder With Valve	476.26	79.01
21 24 16 00-0048	EA		2-1/2 Gallon Charged Cylinder With Valve	594.50	98.60
21 24 16 00-0049	EA		4 Gallon Charged Cylinder With Valve	733.95	121.77
21 24 16 00-0050	EA		6 Gallon Charged Cylinder With Valve	871.76	144.56
21 24 16 00-0051	EA		Vent Plug	20.01	3.30
21 24 16 00-0052	EA		Discharge Adapter Kit.....	25.77	
21 24 16 00-0053	EA		1-1/4 Gallon Wall Bracket.....	53.00	8.76
21 24 16 00-0054	EA		2-1/2 Gallon Wall Bracket.....	56.11	9.32
21 24 16 00-0055	EA		4 Gallon Wall Bracket	105.96	17.61
21 24 16 00-0056	EA		6 Gallon Wall Bracket.....	117.43	19.49
21 24 16 00-0057	EA		Mechanical Control Head, No Microswitch	414.28	68.74
21 24 16 00-0058	EA		Mechanical Control Head, 1 Microswitch.....	432.21	71.67
21 24 16 00-0059	EA		Mechanical Control Head, 2 Microswitches.....	495.82	82.21
21 24 16 00-0060	EA		Tandem Control Head.....	376.77	62.53
21 24 16 00-0061	EA		Electric Control Head, 120 Volt AC / 24 Volt DC.....	637.72	105.76
21 24 16 00-0062	EA		Mechanical Control Box.....	283.79	47.09
21 24 16 00-0063	EA		Tandem Control Box.....	283.79	47.09
21 24 16 00-0064	EA		Mechanical Control Box Adapter	83.18	13.84
21 24 16 00-0065	EA		A+ Control head With 1 Pressure Operated Actuator.....	249.98	41.44
21 24 16 00-0066	EA		Pressure Operated Actuator	102.76	17.05
21 24 16 00-0067	EA		BMCS-1 Nitrogen Cylinder.....	166.37	27.59
21 24 16 00-0068	EA		BMCS-1 Actuator Assembly	169.62	28.16
21 24 16 00-0069	EA		BMCS-1 Mounting Bracket	41.60	6.88
21 24 16 00-0070	EA		BMCS-7 Nitrogen Cylinder.....	480.02	79.58
21 24 16 00-0071	EA		BMCS-7 Mounting Bracket	102.76	17.05
21 24 16 00-0072	EA		BMCS-7 Discharge Adapter Kit	102.76	17.05
21 24 16 00-0073	EA		Check Valve.....	88.92	20.25
21 24 16 00-0074	EA		Vent Check For Use With BMCS Systems	46.48	7.72
21 24 16 00-0075	EA		Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator.....	20.23	3.36
21 24 16 00-0076	EA		Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	5.33	
21 24 16 00-0077	EA		Pneumatic Control Head For Slave Cylinders.....	106.01	17.61
21 24 16 00-0078	EA		Nozzles; ADP, F, R And GRW	48.60	8.10
21 24 16 00-0079	EA		Nozzles; DM And LPF	54.15	8.95
21 24 16 00-0080	EA		Swivel Adapter.....	34.26	5.65
21 24 16 00-0081	EA		Corner Pulley.....	14.68	2.44
21 24 16 00-0082	LF		1/16" Stainless Steel Cable	0.71	0.28
21 24 16 00-0083	EA		Cable Crimp Sleeve.....	0.85	0.28
21 24 16 00-0084	EA		"S" Hook	0.64	0.19
21 24 16 00-0085	EA		Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	50.54	8.38
21 24 16 00-0086	EA		Cable Clamp	4.51	0.75
21 24 16 00-0087	EA		Nico Sleeves - 1/16" Cable.....	0.64	0.19
21 24 16 00-0088	EA		3/8" Cable Anchor.....	53.41	8.85
21 24 16 00-0089	EA		1/2" Cable Anchor.....	53.41	8.85
21 24 16 00-0090	EA		Mechanical Remote Manual Release (Pull Cable).....	86.39	14.31
21 24 16 00-0091	EA		Tee Pulley, Use For Mechanical Pull And Gas Valve	92.21	15.26
21 24 16 00-0092	EA		Surface Remote Manual Release, End-of-line.....	108.02	17.89
21 24 16 00-0093	EA		Surface Remote Manual Release, In line Conservation Kit	33.85	5.65
21 24 16 00-0094	EA		Surface Remote Manual Release, In line And End Of Line	141.81	23.44
21 24 16 00-0095	EA		Recessed Remote Manual Release, End-of-line.....	108.02	17.89
21 24 16 00-0096	EA		Recessed Remote Manual Release, In Line Kit.....	128.76	21.37
21 24 16 00-0097	EA		Pulley Tee, Remote In Line Only	23.14	3.86
21 24 16 00-0098	EA		Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve.....	25.70	4.23
21 24 16 00-0099	EA		Fusible Link 165F To 360F.....	8.42	1.41
21 24 16 00-0100	EA		Fusible Link 500F.....	12.95	1.41
21 24 16 00-0101	EA		Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves.....	25.70	4.23
21 24 16 00-0102	EA		Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve.....	19.43	4.23
21 24 16 00-0103	EA		Quartzoid Link 400 F	138.54	22.98
21 24 16 00-0104	EA		Quartzoid Link 500 F	138.54	22.98
21 24 16 00-0105	EA		SPDT Micro Switch For Use With A Plus Control Box.....	49.65	8.20
21 24 16 00-0106	EA		DPDT Micro Switch For Use With A Plus Control Box.....	86.38	14.31
21 24 16 00-0107	EA		SPDT Micro Switch For Use With A Mechanical Control Box.....	51.35	8.48
21 24 16 00-0108	EA		DPDT Micro Switch For Use With A Mechanical Control Box.....	88.98	14.78
21 24 16 00-0109	EA		SPDT Micro Switch For Use With PRCB.....	65.20	10.83
21 24 16 00-0110	EA		DPDT Micro Switch For Use With PRCB.....	94.05	15.54
21 24 16 00-0111	EA		Pressure Switch, SPDT (Fire Dept. Tie In)	275.46	45.67
21 24 16 00-0112	EA		Circuit Monitor 12 Or 24 Volt DC	123.88	20.53
21 24 16 00-0113	EA		Circuit Monitor 120 Volt AC.....	123.88	20.53
21 24 16 00-0114	EA		Electric Manual Pull Station	90.47	14.98
21 24 16 00-0115	EA		6", 24 Volt DC, Motor Bell	50.53	8.38
21 24 16 00-0116	EA		10", 115 Volt AC Motor Bell	71.72	11.87
21 24 16 00-0117	EA		Fuse, 1.2 For ECH.....	5.81	0.95
21 24 16 00-0118	EA		Indicator Lamp 12 Or 24 Volt DC.....	25.70	4.23
21 24 16 00-0119	EA		Indicator Lamp 120 Volt AC.....	25.70	4.23
21 24 16 00-0120	EA		B-10 Manual Station Dual Action, SPDT	94.54	15.63
21 24 16 00-0121	EA		B-11 Manual Station Dual Action, DPDT	104.32	17.33
21 24 16 00-0122	EA		Break Rods For B10/B11 Manual Pull Station	3.08	1.23
21 24 16 00-0123	EA		Spare Key For B10/B11 Manual Stations	13.04	2.16
21 24 16 00-0124	EA		MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	140.18	23.26
21 24 16 00-0125	EA		Suppression Abort Station.....	148.33	24.58
21 24 16 00-0126	EA		Suppression Abort Station With Surface Mount Back Box.....	172.78	28.62
21 24 16 00-0127	EA		Surface Mount Back Box.....	57.05	9.41

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0128	EA		Single Hazard Control Unit, 120 Volt AC IP	1,059.47	175.45
21 24 16 00-0129	EA		Single Hazard Control Unit, 240 Volt AC IP	1,059.47	175.45
21 24 16 00-0130	EA		1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	88.02	14.59
21 24 16 00-0131	EA		Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	3.44	0.66
21 24 16 00-0132	EA		Spare Scorpio Circuit Board	766.03	
21 24 16 00-0133	EA		Extra Scorpio Key	13.03	
21 24 16 00-0134	EA		Extra Scorpio Manual.....	8.15	
21 24 16 00-0135	EA		Compression Seal Adapter 3/8" Pipe.....	22.16	3.67
21 24 16 00-0136	EA		Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe.....	24.07	3.95
21 24 16 00-0137	EA		Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe.....	28.96	4.81
21 24 16 00-0138	EA		Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe.....	30.97	5.09
21 24 16 00-0139	EA		Quik Seal Adapter 3/8" NPT Female	24.07	3.95
21 24 16 00-0140	EA		Quik Seal Adapter 1/2" NPT Female	24.07	3.95
21 24 16 00-0141	EA		Quik Seal Adapter 3/4" NPT Female	41.18	6.88
21 24 16 00-0142	EA		Quik Seal Adapter 1" NPT Female	54.60	9.04
21 24 16 00-0143	EA		Quik Patch (Up To 1-1/8" Diameter)	24.07	3.95
21 24 16 00-0144	EA		1-1/4 Gallon Karbaloy Charge	53.57	
21 24 16 00-0145	EA		2-1/2 Gallon Karbaloy Charge	92.09	
21 24 16 00-0146	EA		4 Gallon Karbaloy Charge.....	139.19	
21 24 16 00-0147	EA		6 Gallon Karbaloy Charge.....	203.68	
21 24 16 00-0148	EA		Inlet Flushing Adapter.....	39.93	6.59
21 24 16 00-0149	EA		1/2" Flushing Adapter (Outlet).....	39.93	6.59
21 24 16 00-0150	EA		1/8" Flushing Adapter (Outlet).....	39.93	6.59
21 24 16 00-0151	EA		1/4" Flushing Adapter (Outlet).....	39.93	6.59
21 24 16 00-0152	EA		3/8" Flushing Adapter (Outlet).....	39.93	6.59
21 24 16 00-0153	EA		Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	55.42	
21 24 16 00-0154	EA		Instruction Label (In Case Of Fire) - MCB.....	4.50	
21 24 16 00-0155	EA		Caution Sign (Turn On Fan).....	5.32	
21 24 16 00-0156	EA		Inspection Label (Authorized installers only).....	3.85	
21 24 16 00-0157	EA		Label, Warning, A+ Control Box.....	2.87	
21 24 16 00-0158	EA		Wet Chemical System Kits, RG-1.25G Kit; #23315	700.84	116.12
21 24 16 00-0159	EA		Wet Chemical System Kits, RG-2.5G Kit; #23316	818.21	135.52
21 24 16 00-0160	EA		Wet Chemical System Kits, RG-4GS Kit; #23317	1,018.70	168.76
21 24 16 00-0161	EA		Wet Chemical System Kits, RG-4GT Kit; #23318	1,018.70	168.76
21 24 16 00-0162	EA		Wet Chemical System Kits, RG-6G Kit; #23319	1,281.10	212.18
21 24 16 00-0163	EA		Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	607.12	100.58
21 24 16 00-0164	EA		Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	570.45	94.46
21 24 16 00-0165	EA		Wet Chemical System Kits, A Plus Control Box Kit; #23322.....	461.25	76.38
21 24 16 00-0166	EA		Wet Chemical System Kits, Valve Rebuild Kit; #23210.....	798.64	132.32
21 24 16 00-0167	EA		Wet Chemical System Kits, BMCS-1 Package; #23208	731.80	121.21

21 30 Fire Pumps ⁽²¹⁾**21 31 Centrifugal Fire Pumps** ^(21 30)**21 31 13 Electric-Drive, Centrifugal Fire Pumps** ^(21 31)**21 31 13 00-0001 Electric-Drive Fire Pumps** ^(21 31 13)

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA		20 HP Electric Fire Pump.....	35,446.25	1,609.22
			<i>For Duplex Pumping System, Add</i>	<i>33,837.03</i>	
21 31 13 00-0003	EA		30 HP Electric Fire Pump.....	41,285.76	1,810.38
			<i>For Duplex Pumping System, Add</i>	<i>39,609.48</i>	
21 31 13 00-0004	EA		40 HP Electric Fire Pump.....	56,153.06	2,011.54
			<i>For Duplex Pumping System, Add</i>	<i>54,290.53</i>	
21 31 13 00-0005	EA		50 HP Electric Fire Pump.....	69,085.27	2,160.63
			<i>For Duplex Pumping System, Add</i>	<i>66,924.64</i>	
21 31 13 00-0006	EA		75 HP Electric Fire Pump.....	77,111.02	2,357.06
			<i>For Duplex Pumping System, Add</i>	<i>74,753.96</i>	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps ^(21 31)**21 31 16 00-0001 Diesel-Drive Fire Pumps** ^(21 31 16)

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA		30 HP Diesel Driven Fire Pump, NFPA-20 Specific	51,887.58	1,767.80
21 31 16 00-0003	EA		40 HP Diesel Driven Fire Pump, NFPA-20 Specific	58,690.62	1,964.22
21 31 16 00-0004	EA		50 HP Diesel Driven Fire Pump, NFPA-20 Specific	61,682.55	2,160.63
21 31 16 00-0005	EA		75 HP Diesel Driven Fire Pump, NFPA-20 Specific	70,177.27	2,357.06
21 31 16 00-0006	EA		150 HP Diesel Driven Fire Pump, NFPA-20 Specific	74,527.84	2,749.90
21 31 16 00-0007	EA		175 HP Diesel Driven Fire Pump, NFPA-20 Specific	80,312.13	3,535.59
21 31 16 00-0008	EA		200 HP Diesel Driven Fire Pump, NFPA-20 Specific	87,190.42	3,928.43
21 31 16 00-0009	EA		250 HP Diesel Driven Fire Pump, NFPA-20 Specific	99,697.90	4,478.41
21 31 16 00-0010	EA		300 HP Diesel Driven Fire Pump, NFPA-20 Specific	119,331.02	4,831.97
21 31 16 00-0011	EA		350 HP Diesel Driven Fire Pump , NFPA-20 Specific	139,981.29	5,499.80
21 31 16 00-0012	EA		400 HP Diesel Driven Fire Pump , NFPA-20 Specific	166,044.99	5,892.65
21 31 16 00-0013	EA		500 HP Diesel Driven Fire Pump , NFPA-20 Specific	186,923.33	6,285.49

21 34 Fire Pump Accessories ^(21 30)**21 34 13 Pressure Maintenance Pumps** ^(21 34)**21 34 13 00-0001 Jockey Pumps** ^(21 34 13)

Note: Includes pump and controller.

		Fire Suppression	21	21
		Fire Pumps	21 30	
		Fire Pump Accessories	21 34	
MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 34	13 00-0002	EA	Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller	3,653.55	392.84
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END OF SECTION 21

21	21	Fire Suppression
	21 30	Fire Pumps
	21 34	Fire Pump Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing ⁽²²⁾

22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps ^(22 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs ^(22 01 10)

22 01 10 61-0001 Pipe Repair Clamps ^(22 01 10 61)

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	30.14
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	31.67
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	34.88
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	37.36
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	40.74
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	52.22
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	67.80
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	79.73
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	91.67
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	46.70
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	49.57
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	54.89
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	60.34
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	66.75
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	86.43
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	107.34
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	123.88
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	141.09
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	65.53
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	68.71
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	75.97
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	83.34
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	94.17
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	116.08
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	139.89
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	169.39
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	207.16
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	213.32
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	228.29

22 01 40 Operation and Maintenance of Plumbing Fixtures ^(22 01)

22 01 40 81 Plumbing Fixtures Replacement ^(22 01 40)

22 01 40 81-0001 Fixture And/Or Trim Replacement ^(22 01 40 81)

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube.....	53.61
22 01 40 81-0003	EA	3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory Replacement.....	17.95
22 01 40 81-0004	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair	26.21
22 01 40 81-0005	EA	Single Bowl Sink/Lavatory Drain Line Replacement	36.44
22 01 40 81-0006	EA	Double Bowl Sink/Lavatory Drain Line Replacement.....	56.76
22 01 40 81-0007	EA	Shower Head, Polished Chrome, Replacement.....	37.91
22 01 40 81-0008	EA	Shower Arm Replacement	33.31
22 01 40 81-0009	EA	Shower Head Replacement	38.06

22 Plumbing**22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 01 40 81-0010	EA	Shower Knob Replacement	31.23
22 01 40 81-0011	EA	Shower and Tub Control Trim Replacement	85.20
		Note: Excludes balancing valve.	
22 01 40 81-0012	EA	Sink Basket Strainer Replacement	21.05
22 01 40 81-0013	EA	1-1/2" Replacement Sink Drain Without Stopper	12.18
22 01 40 81-0014	EA	4-1/2" Replacement Sink Drain Without Stopper	12.70
22 01 40 81-0015	EA	1-1/2" Replacement Sink Drain With Stopper	12.18
22 01 40 81-0016	EA	1" Sink Rubber Stopper Replacement	8.04
22 01 40 81-0017	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement	22.62
22 01 40 81-0018	EA	Sink Trap, Adjustable, 1-1/2" Replacement	35.10
22 01 40 81-0019	EA	Lavatory Pop-Up Rod Replacement	24.39
22 01 40 81-0020	EA	Lavatory Pop-up Drain Stopper Replacement	27.55
22 01 40 81-0021	EA	Faucet Handle Replacement	30.83
22 01 40 81-0022	EA	Faucet O-Ring Replacement	23.56
22 01 40 81-0023	EA	1-1/2" Faucet Hole Cover.....	15.45
22 01 40 81-0024	EA	Toilet Ballcock Replacement.....	34.64
22 01 40 81-0025	EA	Toilet Bowl Ring, Flat Wax, Replacement.....	6.60
		Note: Excludes removal of toilet.	
22 01 40 81-0026	EA	Toilet Tank Replacement.....	139.40
22 01 40 81-0027	EA	10" Toilet Bowl Replacement.....	172.65
22 01 40 81-0028	EA	10", Low-Flush Watersaver, Toilet Bowl Replacement	186.47
22 01 40 81-0029	EA	12" Toilet Bowl Replacement.....	199.81
22 01 40 81-0030	EA	18", Elongated, Toilet Bowl Replacement.....	177.30
22 01 40 81-0031	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement	21.01
22 01 40 81-0032	EA	Toilet Flapper With Chain Replacement	16.02
22 01 40 81-0033	EA	Toilet Flush Tank Lever Replacement	17.12
22 01 40 81-0034	EA	Elongated Toilet Seat With Lid Replacement.....	93.69
22 01 40 81-0035	EA	Elongated Toilet Seat Without Lid Replacement.....	79.48
22 01 40 81-0036	EA	Handicap Toilet Seat Replacement, Complete With Rails	137.59
22 01 40 81-0037	EA	Diverter Tub Spout Replacement.....	46.99
22 01 40 81-0038	EA	Tub Spout Replacement	34.25
22 01 40 81-0039	EA	2" Tub Stopper, Replacement.....	9.65
22 01 40 81-0040	EA	Tub Waste/Overflow Replacement	67.36
22 01 40 81-0041	EA	Tub Stem Bonnet Assembly Replacement	33.97
22 01 40 81-0042	EA	Faucet Bonnet Replacement	37.74
22 01 40 81-0043	EA	Faucet Diverter Stem Replacement.....	23.58
22 01 40 81-0044	EA	Faucet Diverter Stem And Bonnet Replacement	31.43
22 01 40 81-0045	EA	Faucet Spout Replacement	35.99
22 01 40 81-0046	EA	Faucet Stem Replacement	26.31
22 01 40 81-0047	EA	Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement.....	160.70
22 01 40 81-0048	EA	Brass, Chrome Plated Drinking Fountain Bubbler Valve Replacement.....	199.71
22 01 40 81-0049	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	124.84

22 05 Common Work Results for Plumbing ⁽²²⁾**22 05 13 Common Motor Requirements For Plumbing Equipment** ^(22 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings And Loops For Plumbing Piping ^(22 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping ^(22 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters And Gages For Plumbing Piping ^(22 05)

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves For Plumbing Piping ^(22 05)

See CSI section 23 05 23 00-0000 for valves.

22 05 29 Hangers And Supports For Plumbing Piping And Equipment ^(22 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing For Plumbing Piping ^(22 05)

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment ^(22 05)**22 05 48 13 Vibration Controls For Plumbing Piping And Equipment** ^(22 05 48)

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification For Plumbing Piping And Equipment ^(22 05)

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts ^(22 05)**22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover** ^(22 05 76)

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover ^(22 05 76 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0003 EA 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	537.75	54.41
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0004 EA 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	583.13	68.22
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0005 EA 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	727.55	82.43
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0006 EA 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,038.50	92.25
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0007 EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,275.33	99.92
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover (22 05 76 00-0001)		
22 05 76 00-0009 EA 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	617.94	54.41
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0010 EA 3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	664.52	68.12
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0011 EA 4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	809.01	82.43
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0012 EA 5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,120.01	92.25
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0013 EA 6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	1,356.76	99.92
For Vandal Proof, Add	19.50	
For Galvanized Ferrule, Add	45.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Wide Flange, Add	97.00	
22 05 76 00-0014 Wall Cover For Cleanout (22 05 76)		
Note: Cover and screw only.		
22 05 76 00-0015 Round Access Cover, Bronze Polished Top (22 05 76 00-0014)		
Note: Cover and screw only.		
22 05 76 00-0016 EA 4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	82.46	17.08
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0017 EA 5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	89.28	20.45
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0018 EA 7" Diameter Wall Cover For Cleanout, Screwed.....	113.49	23.01
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0019 EA 9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	189.87	25.57
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0020 EA 11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	284.09	28.12
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014)		
Note: Cover and screw only.		

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 05 76 00-0022	EA 7" x 7" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	420.24 19.50 22.50	17.08
22 05 76 00-0023	EA 9" x 9" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	604.29 19.50 22.50	17.90
22 05 76 00-0024	EA 10" x 10" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	645.68 19.50 22.50	18.92
22 05 76 00-0025	EA 14" x 14" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	722.29 19.50 22.50	21.48
22 05 76 00-0026	Secured Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014) Note: Cover and screw only.		
22 05 76 00-0027	EA 6" x 6" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	419.70 19.50 22.50	17.08
22 05 76 00-0028	EA 8" x 8" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	603.50 19.50 22.50	17.90
22 05 76 00-0029	EA 10" x 10" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	644.82 19.50 22.50	18.92
22 05 76 00-0030	EA 12" x 12" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	721.35 19.50 22.50	21.48
22 05 76 00-0031	Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated (22 05 76 00-0014) Note: Cover and screw only.		
22 05 76 00-0032	EA 6" x 6" Bronze Secured Hinged Access Panel, Scoriated <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	407.21 19.50 22.50	17.08
22 05 76 00-0033	EA 8" x 8" Bronze Secured Hinged Access Panel, Scoriated <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	562.44 19.50 22.50	17.90
22 05 76 00-0034	EA 10" x 10" Bronze Secured Hinged Access Panel, Scoriated <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	796.57 19.50 22.50	18.92
22 05 76 00-0035	EA 12" x 12" Bronze Secured Hinged Access Panel, Scoriated <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	964.14 19.50 22.50	21.48
22 05 76 00-0036	Cast Iron Cleanout Tee (22 05 76)		
22 05 76 00-0037	Cast Iron Cleanout Tee And Round Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0038	EA 2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	393.54 19.50 42.71 88.80	54.41
22 05 76 00-0039	EA 3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	450.71 19.50 47.16 88.80	68.12
22 05 76 00-0040	EA 4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	587.33 19.50 63.36 88.80	82.43
22 05 76 00-0041	EA 6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,385.93 19.50 177.93 88.80	99.92
22 05 76 00-0042	Cast Iron Cleanout Tee And Square Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0043	EA 2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	678.27 19.50 85.42 88.80	54.41
22 05 76 00-0044	EA 3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	735.45 19.50 89.87 88.80	68.12
22 05 76 00-0045	EA 4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	853.17 19.50 103.23 88.80	82.43
22 05 76 00-0046	EA 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,770.52 19.50 235.62 88.80	99.92
22 05 76 00-0047	Cast Iron Cleanout Tee With Brass Plug (22 05 76 00-0036)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	322.47	44.49
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	360.34	48.58
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	480.11	63.92
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	718.21	75.69
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,218.20	89.49

22 05 76 00-0053 Removable Cleanout Plug (22 05 76)

22 05 76 00-0054 Threaded Bronze Plugs (22 05 76 00-0053)

22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	61.19	12.79
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	72.93	13.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	122.79	15.34
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	137.60	17.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	155.64	20.45
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	217.29	23.01
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	317.67	25.57
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	532.65	28.12
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	763.85	30.68
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	

22 05 76 00-0064 Threaded Brass Plugs (22 05 76 00-0063)

22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	29.00	12.78
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	29.59	12.78
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	32.34	13.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	36.69	15.34
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	43.42	17.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	51.24	20.45
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	55.12	21.54
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	59.40	23.01
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	78.98	25.57
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	28.53	12.78
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	29.19	12.78
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	33.63	13.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	36.88	15.34
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	42.86	17.90
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	50.36	20.45
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	58.92	23.01
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	71.21	25.57
		<i>For Plug Tapped For Center Screw, Add</i>	9.50	

22 07 Plumbing Insulation (22)

22 07 16 Plumbing Equipment Insulation (22 07)

22 07 16 00-0001 Lavatory Insulation (22 07 16)

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	225.61	22.58
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22 07 19 Plumbing Piping Insulation (22 07)

22 07 19 00-0001 Fiberglass Pipe Insulation (22 07 19)

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.52	2.21
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.69	2.21

22 Plumbing
22 07 Plumbing Insulation
22 07 19 Plumbing Piping Insulation



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.17	2.31
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.49	2.41
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.72	2.41
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.24	2.51
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.70	2.60
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.25	2.70
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.67	2.91
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.79	3.41

22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.09	3.01
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.36	3.01
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.52	3.01
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.93	3.11
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.22	3.11
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.70	3.21
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.35	3.41
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.00	3.51
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.75	3.71
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.07	4.31
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.17	4.82
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.88	5.72
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.55	6.53
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.86	7.13

22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.34	3.10
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.50	3.10
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.21	3.28
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.69	3.35
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.10	3.41
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.04	3.59
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.73	3.65
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.24	3.78
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.93	4.09
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.75	4.78
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.39	5.04
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.61	6.03
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.41	7.03
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.32	7.69

22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.31	3.41
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.51	3.41
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.04	3.51
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.53	3.51
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.04	3.61
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.69	3.71
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.62	3.81
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.60	4.01
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.47	4.21
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.38	4.95
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.88	5.23
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.57	6.25
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	39.68	7.50
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	50.37	8.17
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	53.33	9.58
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	59.35	10.07
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	67.23	11.50
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	78.01	13.90

22 07 19 00-0062 2-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.06	4.01
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.34	4.01
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.12	4.01
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.70	4.11
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.33	4.11
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.20	4.31
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.47	4.41
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.63	4.62
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.30	4.82
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.31	5.12
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	42.09	6.12
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	50.33	7.03
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	57.02	8.73
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	64.57	9.63
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.75	12.25
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	81.54	12.84
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	92.52	14.65
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	108.72	17.70

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0081			3" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0082	LF		1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.01	4.43
22 07 19 00-0083	LF		3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.32	4.43
22 07 19 00-0084	LF		1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.12	4.47
22 07 19 00-0085	LF		1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.76	4.50
22 07 19 00-0086	LF		1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.47	4.55
22 07 19 00-0087	LF		2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.38	4.73
22 07 19 00-0088	LF		2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.77	4.89
22 07 19 00-0089	LF		3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.05	5.07
22 07 19 00-0090	LF		4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.00	5.35
22 07 19 00-0091	LF		6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.40	6.07
22 07 19 00-0092	LF		8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	46.22	6.77
22 07 19 00-0093	LF		10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	55.29	7.80
22 07 19 00-0094	LF		12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	62.65	9.70
22 07 19 00-0095	LF		14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	70.93	10.60
22 07 19 00-0096	LF		16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	83.22	13.53
22 07 19 00-0097	LF		18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	89.58	14.22
22 07 19 00-0098	LF		20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	101.65	16.26
22 07 19 00-0099	LF		24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	119.43	19.63

22 07 19 00-0100			3-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0101	LF		1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.63	4.82
22 07 19 00-0102	LF		3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.99	4.82
22 07 19 00-0103	LF		1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.16	4.82
22 07 19 00-0104	LF		1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.84	4.92
22 07 19 00-0105	LF		1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.65	4.92
22 07 19 00-0106	LF		2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.61	5.12
22 07 19 00-0107	LF		2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.14	5.32
22 07 19 00-0108	LF		3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.43	5.52
22 07 19 00-0109	LF		4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.78	5.82
22 07 19 00-0110	LF		6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	37.55	6.63
22 07 19 00-0111	LF		8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	50.47	7.33
22 07 19 00-0112	LF		10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.40	8.43
22 07 19 00-0113	LF		12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	68.42	10.54
22 07 19 00-0114	LF		14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	77.49	11.54
22 07 19 00-0115	LF		16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	90.93	14.65
22 07 19 00-0116	LF		18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	97.85	15.45
22 07 19 00-0117	LF		20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	111.07	17.66
22 07 19 00-0118	LF		24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	130.46	21.28

22 07 19 00-0119			4" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0120	LF		1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.68	5.42
22 07 19 00-0121	LF		3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.07	5.42
22 07 19 00-0122	LF		1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.13	5.42
22 07 19 00-0123	LF		1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.00	5.52
22 07 19 00-0124	LF		1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.19	5.72
22 07 19 00-0125	LF		2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.25	5.92
22 07 19 00-0126	LF		2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.64	5.92
22 07 19 00-0127	LF		3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.25	6.22
22 07 19 00-0128	LF		4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	36.85	6.53
22 07 19 00-0129	LF		6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.24	7.43
22 07 19 00-0130	LF		8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	56.79	8.02
22 07 19 00-0131	LF		10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	67.95	9.53
22 07 19 00-0132	LF		12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	77.00	11.84
22 07 19 00-0133	LF		14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	87.20	12.94
22 07 19 00-0134	LF		16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	102.33	16.56
22 07 19 00-0135	LF		18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	110.04	17.36
22 07 19 00-0136	LF		20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	123.31	19.87
22 07 19 00-0137	LF		24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	146.79	23.98

22 07 19 00-0138 **Foamglas Pipe Insulation, Rigid, Closed Cell (22 07 19)**
 Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0139			1" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0140	LF		1/2" Diameter Pipe, 1" Thick Foamglas Insulation.....	17.14	4.90
			<i>For Work In Restricted Working Space, Add</i>	4.45	
22 07 19 00-0141	LF		3/4" Diameter Pipe, 1" Thick Foamglas Insulation.....	17.72	4.90
			<i>For Work In Restricted Working Space, Add</i>	4.45	
22 07 19 00-0142	LF		1" Diameter Pipe, 1" Thick Foamglas Insulation.....	18.53	4.97
			<i>For Work In Restricted Working Space, Add</i>	4.51	
22 07 19 00-0143	LF		1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation.....	18.94	5.04
			<i>For Work In Restricted Working Space, Add</i>	4.58	
22 07 19 00-0144	LF		1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation.....	19.56	5.11
			<i>For Work In Restricted Working Space, Add</i>	4.64	
22 07 19 00-0145	LF		2" Diameter Pipe, 1" Thick Foamglas Insulation.....	20.74	5.25
			<i>For Work In Restricted Working Space, Add</i>	4.78	
22 07 19 00-0146	LF		2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation.....	22.23	5.47
			<i>For Work In Restricted Working Space, Add</i>	4.97	

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0147	LF 3" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.81 5.10	5.61
22 07 19 00-0148	LF 4" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	27.26 5.48	6.03
22 07 19 00-0149	LF 6" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	34.20 6.19	6.81
22 07 19 00-0150	1-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0151	LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	20.00 4.78	5.43
22 07 19 00-0152	LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	20.37 4.78	5.43
22 07 19 00-0153	LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	20.95 4.84	5.50
22 07 19 00-0154	LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	21.43 4.90	5.57
22 07 19 00-0155	LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	21.88 4.97	5.65
22 07 19 00-0156	LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.56 5.13	5.83
22 07 19 00-0157	LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.38 5.33	6.05
22 07 19 00-0158	LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	28.88 5.48	6.23
22 07 19 00-0159	LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.49 5.84	6.64
22 07 19 00-0160	LF 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	38.09 6.61	7.52
22 07 19 00-0161	LF 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	42.58 7.37	8.38
22 07 19 00-0162	LF 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	51.38 8.50	9.66
22 07 19 00-0163	LF 12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	61.26 10.56	12.02
22 07 19 00-0164	LF 14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	67.92 11.48	12.63
22 07 19 00-0165	LF 16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	74.87 12.83	14.11
22 07 19 00-0166	LF 18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	85.26 15.17	16.69
22 07 19 00-0167	LF 20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	95.16 16.80	18.47
22 07 19 00-0168	LF 24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation <i>For Work In Restricted Working Space, Add</i>	117.37 18.61	20.47
22 07 19 00-0169	2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0170	LF 1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	22.32 5.10	5.61
22 07 19 00-0171	LF 3/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	22.90 5.10	5.61
22 07 19 00-0172	LF 1" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.66 5.16	5.67
22 07 19 00-0173	LF 1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	24.79 5.23	5.75
22 07 19 00-0174	LF 1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	25.91 5.29	5.82
22 07 19 00-0175	LF 2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	28.71 5.48	6.03
22 07 19 00-0176	LF 2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	30.06 5.68	6.25
22 07 19 00-0177	LF 3" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.13 5.87	6.46
22 07 19 00-0178	LF 4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.93 6.19	6.82
22 07 19 00-0179	LF 6" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	42.75 7.03	7.73
22 07 19 00-0180	LF 8" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	47.60 7.84	8.63
22 07 19 00-0181	LF 10" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	57.63 9.04	9.94
22 07 19 00-0182	LF 12" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	71.41 11.24	12.37
22 07 19 00-0183	LF 14" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	76.45 12.27	13.49
22 07 19 00-0184	LF 16" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	91.08 15.68	17.25
22 07 19 00-0185	LF 18" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	98.92 16.46	18.11
22 07 19 00-0186	LF 20" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	109.79 18.82	20.70
22 07 19 00-0187	LF 24" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	137.20 22.74	25.01
22 07 19 00-0188	2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0189 LF 1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	26.70 5.53	6.08
22 07 19 00-0190 LF 3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	27.67 5.52	6.07
22 07 19 00-0191 LF 1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	28.97 5.61	6.17
22 07 19 00-0192 LF 1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	30.08 5.65	6.22
22 07 19 00-0193 LF 1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	31.22 5.70	6.27
22 07 19 00-0194 LF 2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	33.36 5.93	6.53
22 07 19 00-0195 LF 2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	35.40 6.14	6.76
22 07 19 00-0196 LF 3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	38.27 6.35	6.99
22 07 19 00-0197 LF 4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	42.65 6.70	7.37
22 07 19 00-0198 LF 6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.77 7.62	8.38
22 07 19 00-0199 LF 8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	56.56 8.49	9.34
22 07 19 00-0200 LF 10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	64.60 9.79	10.77
22 07 19 00-0201 LF 12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	80.43 12.17	13.38
22 07 19 00-0202 LF 14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	84.20 13.28	14.61
22 07 19 00-0203 LF 16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	100.03 16.98	18.67
22 07 19 00-0204 LF 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	108.41 17.83	19.61
22 07 19 00-0205 LF 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	124.57 20.37	22.41
22 07 19 00-0206 LF 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	155.52 24.62	27.09
22 07 19 00-0207 3" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0208 LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	31.83 5.88	6.47
22 07 19 00-0209 LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	32.41 5.88	6.47
22 07 19 00-0210 LF 1" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	33.32 5.97	6.58
22 07 19 00-0211 LF 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	34.04 6.02	6.62
22 07 19 00-0212 LF 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	34.81 6.06	6.68
22 07 19 00-0213 LF 2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	37.30 6.32	6.95
22 07 19 00-0214 LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	39.67 6.53	7.19
22 07 19 00-0215 LF 3" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	44.70 6.76	7.44
22 07 19 00-0216 LF 4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.69 7.13	7.83
22 07 19 00-0217 LF 6" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	55.68 8.10	8.91
22 07 19 00-0218 LF 8" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	62.81 9.03	9.93
22 07 19 00-0219 LF 10" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	74.75 10.42	11.46
22 07 19 00-0220 LF 12" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	87.28 12.95	14.24
22 07 19 00-0221 LF 14" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	93.60 14.13	15.54
22 07 19 00-0222 LF 16" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	112.38 18.06	19.87
22 07 19 00-0223 LF 18" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	120.11 18.97	20.86
22 07 19 00-0224 LF 20" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	140.46 21.68	23.84
22 07 19 00-0225 LF 24" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	171.55 26.19	28.81
22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0227 LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	38.35 7.13	7.83
22 07 19 00-0228 LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	39.08 7.13	7.83
22 07 19 00-0229 LF 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	39.98 7.17	7.88
22 07 19 00-0230 LF 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	40.87 7.22	7.93
22 07 19 00-0231 LF 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	41.91 7.31	8.03

22 Plumbing
22 07 Plumbing Insulation
22 07 19 Plumbing Piping Insulation

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0232	LF		2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	45.87	8.32
			<i>For Work In Restricted Working Space, Add</i>	7.56	
22 07 19 00-0233	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	49.86	8.61
			<i>For Work In Restricted Working Space, Add</i>	7.82	
22 07 19 00-0234	LF		3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	52.59	8.91
			<i>For Work In Restricted Working Space, Add</i>	8.10	
22 07 19 00-0235	LF		4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	56.25	9.42
			<i>For Work In Restricted Working Space, Add</i>	8.56	
22 07 19 00-0236	LF		6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	64.69	10.70
			<i>For Work In Restricted Working Space, Add</i>	9.72	
22 07 19 00-0237	LF		8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	73.45	11.92
			<i>For Work In Restricted Working Space, Add</i>	10.83	
22 07 19 00-0238	LF		10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	87.61	13.75
			<i>For Work In Restricted Working Space, Add</i>	12.50	
22 07 19 00-0239	LF		12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	103.91	17.09
			<i>For Work In Restricted Working Space, Add</i>	15.53	
22 07 19 00-0240	LF		14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	108.78	18.65
			<i>For Work In Restricted Working Space, Add</i>	16.96	
22 07 19 00-0241	LF		16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	131.09	23.84
			<i>For Work In Restricted Working Space, Add</i>	21.68	
22 07 19 00-0242	LF		18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	143.54	25.04
			<i>For Work In Restricted Working Space, Add</i>	22.76	
22 07 19 00-0243	LF		20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	163.48	28.63
			<i>For Work In Restricted Working Space, Add</i>	26.03	
22 07 19 00-0244	LF		24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	200.48	34.57
			<i>For Work In Restricted Working Space, Add</i>	31.43	
22 07 19 00-0245			4" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0246	LF		1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	46.73	9.63
			<i>For Work In Restricted Working Space, Add</i>	8.75	
22 07 19 00-0247	LF		3/4" Diameter Pipe, 4" Thick Foamglas Insulation.....	47.68	9.63
			<i>For Work In Restricted Working Space, Add</i>	8.75	
22 07 19 00-0248	LF		1" Diameter Pipe, 4" Thick Foamglas Insulation.....	49.14	9.79
			<i>For Work In Restricted Working Space, Add</i>	8.91	
22 07 19 00-0249	LF		1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation.....	50.43	9.91
			<i>For Work In Restricted Working Space, Add</i>	9.01	
22 07 19 00-0250	LF		1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	52.34	10.23
			<i>For Work In Restricted Working Space, Add</i>	9.29	
22 07 19 00-0251	LF		2" Diameter Pipe, 4" Thick Foamglas Insulation.....	56.31	10.54
			<i>For Work In Restricted Working Space, Add</i>	9.58	
22 07 19 00-0252	LF		2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	59.81	10.71
			<i>For Work In Restricted Working Space, Add</i>	9.73	
22 07 19 00-0253	LF		3" Diameter Pipe, 4" Thick Foamglas Insulation.....	62.72	11.10
			<i>For Work In Restricted Working Space, Add</i>	10.09	
22 07 19 00-0254	LF		4" Diameter Pipe, 4" Thick Foamglas Insulation.....	68.67	12.38
			<i>For Work In Restricted Working Space, Add</i>	11.25	
22 07 19 00-0255	LF		6" Diameter Pipe, 4" Thick Foamglas Insulation.....	78.96	13.28
			<i>For Work In Restricted Working Space, Add</i>	12.08	
22 07 19 00-0256	LF		8" Diameter Pipe, 4" Thick Foamglas Insulation.....	88.89	14.41
			<i>For Work In Restricted Working Space, Add</i>	13.10	
22 07 19 00-0257	LF		10" Diameter Pipe, 4" Thick Foamglas Insulation.....	102.08	17.12
			<i>For Work In Restricted Working Space, Add</i>	15.56	
22 07 19 00-0258	LF		12" Diameter Pipe, 4" Thick Foamglas Insulation.....	119.82	21.27
			<i>For Work In Restricted Working Space, Add</i>	19.33	
22 07 19 00-0259	LF		14" Diameter Pipe, 4" Thick Foamglas Insulation.....	130.34	23.22
			<i>For Work In Restricted Working Space, Add</i>	21.11	
22 07 19 00-0260	LF		16" Diameter Pipe, 4" Thick Foamglas Insulation.....	155.67	29.69
			<i>For Work In Restricted Working Space, Add</i>	26.99	
22 07 19 00-0261	LF		18" Diameter Pipe, 4" Thick Foamglas Insulation.....	172.34	31.12
			<i>For Work In Restricted Working Space, Add</i>	28.29	
22 07 19 00-0262	LF		20" Diameter Pipe, 4" Thick Foamglas Insulation.....	193.51	35.61
			<i>For Work In Restricted Working Space, Add</i>	32.38	
22 07 19 00-0263	LF		24" Diameter Pipe, 4" Thick Foamglas Insulation.....	244.48	43.03
			<i>For Work In Restricted Working Space, Add</i>	39.11	
22 07 19 00-0264			Polyisocyanurate Pipe Insulation (22 07 19)		
			Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0265			1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0266	LF		1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	7.81	2.31
22 07 19 00-0267	LF		3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	8.47	2.41
22 07 19 00-0268	LF		1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	8.89	2.60
22 07 19 00-0269	LF		1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	9.33	2.70
22 07 19 00-0270	LF		1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	9.56	2.70
22 07 19 00-0271	LF		2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	10.00	2.81
22 07 19 00-0272	LF		2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	10.66	2.91
22 07 19 00-0273	LF		3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	11.31	3.11
22 07 19 00-0274	LF		4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	13.36	3.71
22 07 19 00-0275	LF		6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	15.73	4.21
22 07 19 00-0276	LF		8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	18.53	4.92
22 07 19 00-0277	LF		10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	20.68	5.32
22 07 19 00-0278	LF		12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	24.84	6.53

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0279		1" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	8.79	2.41
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	9.64	2.60
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	10.14	2.70
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	10.66	2.81
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	11.06	2.91
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	11.60	2.91
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	12.38	3.11
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	13.26	3.31
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	15.76	3.91
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	19.83	4.92
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	23.84	5.82
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	27.04	6.53
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	30.50	7.33

22 07 19 00-0293		1-1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	10.61	2.70
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	11.17	2.81
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	11.83	2.91
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	12.28	3.01
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	12.91	3.11
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	13.90	3.31
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	14.89	3.41
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	17.75	4.21
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	22.66	5.32
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	27.66	6.53
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	31.60	7.33
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	34.52	7.82

22 07 19 00-0306		2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	12.82	2.81
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	13.59	2.91
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	14.31	3.11
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	14.83	3.11
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	15.38	3.31
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	16.70	3.51
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	17.47	3.71
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	21.00	4.51
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	26.05	5.82
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	33.65	7.33
22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	36.56	8.43
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	39.65	9.03

22 07 19 00-0319		Flexible Polyethylene Tubing Closed Cell Foam Insulation (22 07 19)		
Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.				

22 07 19 00-0320		3/8" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0321	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.36	3.00
22 07 19 00-0322	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.37	3.00
22 07 19 00-0323	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.63	3.11
22 07 19 00-0324	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.90	3.21
22 07 19 00-0325	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.14	3.27
22 07 19 00-0326	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.41	3.32
22 07 19 00-0327	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.52	3.32
22 07 19 00-0328	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.82	3.32
22 07 19 00-0329	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.43	3.42
22 07 19 00-0330	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.69	3.48

22 07 19 00-0331		1/2" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0332	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.06	3.27
22 07 19 00-0333	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.13	3.27
22 07 19 00-0334	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.25	3.32
22 07 19 00-0335	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.38	3.34
22 07 19 00-0336	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.73	3.42
22 07 19 00-0337	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.02	3.48
22 07 19 00-0338	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.35	3.53
22 07 19 00-0339	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.74	3.58
22 07 19 00-0340	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.44	3.69
22 07 19 00-0341	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.15	3.74
22 07 19 00-0342	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.81	3.79
22 07 19 00-0343	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.22	3.84

22 07 19 00-0344		3/4" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0345	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.83	3.53
22 07 19 00-0346	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.93	3.58
22 07 19 00-0347	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.41	3.69
22 07 19 00-0348	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.63	3.74
22 07 19 00-0349	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.21	3.84

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0350	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.80	3.90
22 07 19 00-0351	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.07	3.92
22 07 19 00-0352	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.13	3.95
22 07 19 00-0353	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	12.62	4.05
22 07 19 00-0354	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	12.72	4.11
22 07 19 00-0355	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.79	4.16
22 07 19 00-0356	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	14.24	4.21

22 07 19 00-0357 1" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)

22 07 19 00-0358	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.88	3.90
22 07 19 00-0359	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.09	3.95
22 07 19 00-0360	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.77	4.05
22 07 19 00-0361	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	9.98	4.11
22 07 19 00-0362	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.98	4.21
22 07 19 00-0363	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.49	4.32
22 07 19 00-0364	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.70	4.37
22 07 19 00-0365	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	12.65	4.42
22 07 19 00-0366	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.35	4.53
22 07 19 00-0367	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.95	4.59

22 07 19 00-0368 Flexible Elastomeric Tubing Closed Cell Foam Insulation (22 07 19)

Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0369 3/8" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)

22 07 19 00-0370	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	6.69	3.00
22 07 19 00-0371	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	6.81	3.00
22 07 19 00-0372	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.08	3.11
22 07 19 00-0373	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.25	3.16
22 07 19 00-0374	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.43	3.21
22 07 19 00-0375	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.67	3.27
22 07 19 00-0376	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.87	3.32
22 07 19 00-0377	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.09	3.32
22 07 19 00-0378	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.27	3.32
22 07 19 00-0379	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.46	3.37
		<i>For Work In Restricted Working Space, Add</i>	2.03	
22 07 19 00-0380	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.73	3.42
22 07 19 00-0381	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.97	3.42
22 07 19 00-0382	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.14	3.48
22 07 19 00-0383	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.37	3.48
22 07 19 00-0384	LF	1-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.90	3.53
22 07 19 00-0385	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.51	3.58
22 07 19 00-0386	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.20	3.60

22 07 19 00-0387 1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)

22 07 19 00-0388	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.58	3.27
22 07 19 00-0389	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.69	3.27
22 07 19 00-0390	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.81	3.32
22 07 19 00-0391	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.98	3.32
		<i>For Work In Restricted Working Space, Add</i>	2.00	
22 07 19 00-0392	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.11	3.32
22 07 19 00-0393	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.44	3.42
22 07 19 00-0394	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.76	3.48
22 07 19 00-0395	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.04	3.53
22 07 19 00-0396	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.32	3.56
		<i>For Work In Restricted Working Space, Add</i>	2.14	
22 07 19 00-0397	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.55	3.58
22 07 19 00-0398	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.43	3.64
		<i>For Work In Restricted Working Space, Add</i>	2.18	
22 07 19 00-0399	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.96	3.69
22 07 19 00-0400	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.36	3.72
		<i>For Work In Restricted Working Space, Add</i>	2.23	
22 07 19 00-0401	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.70	3.74
22 07 19 00-0402	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.94	3.77
		<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-0403	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.14	3.79
22 07 19 00-0404	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.16	3.84
22 07 19 00-0405	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.39	3.87
		<i>For Work In Restricted Working Space, Add</i>	2.32	
22 07 19 00-0406	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	14.38	3.90
22 07 19 00-0407	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.55	4.00
		<i>For Work In Restricted Working Space, Add</i>	2.40	
22 07 19 00-0408	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	16.85	4.11
		<i>For Work In Restricted Working Space, Add</i>	2.46	

22 07 19 00-0409 3/4" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)

22 07 19 00-0410	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.73	3.53
22 07 19 00-0411	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.98	3.58
22 07 19 00-0412	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.35	3.69
22 07 19 00-0413	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.57	3.72
		<i>For Work In Restricted Working Space, Add</i>	2.23	
22 07 19 00-0414	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.67	3.74
22 07 19 00-0415	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.21	3.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0416	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.65	3.90
22 07 19 00-0417	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.08	3.95
22 07 19 00-0418	LF		1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.20	3.95
			<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-0419	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.37	3.98
22 07 19 00-0420	LF		2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.89	4.00
			<i>For Work In Restricted Working Space, Add</i>	2.40	
22 07 19 00-0421	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.16	4.05
22 07 19 00-0422	LF		2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.76	4.08
			<i>For Work In Restricted Working Space, Add</i>	2.45	
22 07 19 00-0423	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.16	4.11
22 07 19 00-0424	LF		3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.79	4.14
			<i>For Work In Restricted Working Space, Add</i>	2.48	
22 07 19 00-0425	LF		3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.03	4.16
22 07 19 00-0426	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.97	4.21
22 07 19 00-0427	LF		4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.72	4.24
			<i>For Work In Restricted Working Space, Add</i>	2.54	
22 07 19 00-0428	LF		5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.98	4.26
22 07 19 00-0429	LF		6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.31	4.32
22 07 19 00-0430	LF		8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.92	4.42
			<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-0431			1" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0432	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.23	3.89
			<i>For Work In Restricted Working Space, Add</i>	2.34	
22 07 19 00-0433	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.54	3.95
			<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-0434	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.93	4.05
22 07 19 00-0435	LF		5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.27	4.08
			<i>For Work In Restricted Working Space, Add</i>	2.45	
22 07 19 00-0436	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.55	4.11
22 07 19 00-0437	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.07	4.21
22 07 19 00-0438	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.85	4.32
22 07 19 00-0439	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.25	4.32
22 07 19 00-0440	LF		1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.79	4.37
			<i>For Work In Restricted Working Space, Add</i>	2.64	
22 07 19 00-0441	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.99	4.42
22 07 19 00-0442	LF		2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.14	4.48
			<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-0443	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	16.05	4.53
22 07 19 00-0444	LF		2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.19	4.56
			<i>For Work In Restricted Working Space, Add</i>	2.74	
22 07 19 00-0445	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.52	4.59
			<i>For Work In Restricted Working Space, Add</i>	2.75	
22 07 19 00-0446	LF		3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.12	4.62
			<i>For Work In Restricted Working Space, Add</i>	2.77	
22 07 19 00-0447	LF		3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.42	4.64
			<i>For Work In Restricted Working Space, Add</i>	2.78	
22 07 19 00-0448	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.61	4.75
			<i>For Work In Restricted Working Space, Add</i>	2.84	
22 07 19 00-0449	LF		4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.08	4.80
			<i>For Work In Restricted Working Space, Add</i>	2.88	
22 07 19 00-0450	LF		5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.27	4.85
			<i>For Work In Restricted Working Space, Add</i>	2.91	
22 07 19 00-0451	LF		6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.58	4.96
			<i>For Work In Restricted Working Space, Add</i>	2.97	
22 07 19 00-0452			1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0453	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.66	4.36
			<i>For Work In Restricted Working Space, Add</i>	2.62	
22 07 19 00-0454	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.07	4.45
			<i>For Work In Restricted Working Space, Add</i>	2.68	
22 07 19 00-0455	LF		5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.40	4.48
			<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-0456	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.74	4.52
			<i>For Work In Restricted Working Space, Add</i>	2.71	
22 07 19 00-0457	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.21	4.63
			<i>For Work In Restricted Working Space, Add</i>	2.77	
22 07 19 00-0458	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.98	4.80
			<i>For Work In Restricted Working Space, Add</i>	2.87	
22 07 19 00-0459	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.06	4.73
			<i>For Work In Restricted Working Space, Add</i>	2.90	
22 07 19 00-0460	LF		1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	20.00	4.84
			<i>For Work In Restricted Working Space, Add</i>	2.93	
22 07 19 00-0461	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.58	4.96
			<i>For Work In Restricted Working Space, Add</i>	2.97	
22 07 19 00-0462	LF		2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	22.39	5.02
			<i>For Work In Restricted Working Space, Add</i>	3.00	
22 07 19 00-0463	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.10	5.08
			<i>For Work In Restricted Working Space, Add</i>	3.04	
22 07 19 00-0464	LF		2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	24.90	5.10
			<i>For Work In Restricted Working Space, Add</i>	3.05	
22 07 19 00-0465	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.70	5.11
			<i>For Work In Restricted Working Space, Add</i>	3.07	
22 07 19 00-0466	LF		3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	26.64	5.14
			<i>For Work In Restricted Working Space, Add</i>	3.08	

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0467	LF		3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....27.23 <i>For Work In Restricted Working Space, Add</i> 3.10	27.23	5.16
22 07 19 00-0468	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....30.42 <i>For Work In Restricted Working Space, Add</i> 3.20	30.42	5.35
22 07 19 00-0469	LF		4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....32.13 <i>For Work In Restricted Working Space, Add</i> 3.25	32.13	5.43
22 07 19 00-0470	LF		5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....36.27 <i>For Work In Restricted Working Space, Add</i> 3.31	36.27	5.51
22 07 19 00-0471	LF		6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....40.39 <i>For Work In Restricted Working Space, Add</i> 3.41	40.39	5.68
22 07 19 00-0472			2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0368)		
22 07 19 00-0473	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....22.70 <i>For Work In Restricted Working Space, Add</i> 2.89	22.70	4.82
22 07 19 00-0474	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....23.60 <i>For Work In Restricted Working Space, Add</i> 2.95	23.60	4.89
22 07 19 00-0475	LF		5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....25.14 <i>For Work In Restricted Working Space, Add</i> 2.96	25.14	4.93
22 07 19 00-0476	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....25.67 <i>For Work In Restricted Working Space, Add</i> 2.97	25.67	4.97
22 07 19 00-0477	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....26.99 <i>For Work In Restricted Working Space, Add</i> 3.04	26.99	5.07
22 07 19 00-0478	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....28.59 <i>For Work In Restricted Working Space, Add</i> 3.18	28.59	5.31
22 07 19 00-0479	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....29.54 <i>For Work In Restricted Working Space, Add</i> 3.20	29.54	5.18
22 07 19 00-0480	LF		1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....31.22 <i>For Work In Restricted Working Space, Add</i> 3.26	31.22	5.36
22 07 19 00-0481	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....32.84 <i>For Work In Restricted Working Space, Add</i> 3.33	32.84	5.54
22 07 19 00-0482	LF		2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....33.92 <i>For Work In Restricted Working Space, Add</i> 3.36	33.92	5.61
22 07 19 00-0483	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....36.15 <i>For Work In Restricted Working Space, Add</i> 3.39	36.15	5.68
22 07 19 00-0484	LF		2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....36.42 <i>For Work In Restricted Working Space, Add</i> 3.41	36.42	5.69
22 07 19 00-0485	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....38.50 <i>For Work In Restricted Working Space, Add</i> 3.43	38.50	5.70
22 07 19 00-0486	LF		3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....39.94 <i>For Work In Restricted Working Space, Add</i> 3.44	39.94	5.72
22 07 19 00-0487	LF		3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....41.48 <i>For Work In Restricted Working Space, Add</i> 3.45	41.48	5.75
22 07 19 00-0488	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....46.62 <i>For Work In Restricted Working Space, Add</i> 3.60	46.62	6.02
22 07 19 00-0489	LF		4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....49.59 <i>For Work In Restricted Working Space, Add</i> 3.68	49.59	6.14
22 07 19 00-0490	LF		5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....50.47 <i>For Work In Restricted Working Space, Add</i> 3.76	50.47	6.26
22 07 19 00-0491	LF		6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....56.65 <i>For Work In Restricted Working Space, Add</i> 3.90	56.65	6.52
22 07 19 00-0492			Flexible Polyolefin Tubing Closed Cell Foam Insulation (22 07 19) Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0493			3/8" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)		
22 07 19 00-0494	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....6.49	6.49	3.00
22 07 19 00-0495	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....6.57	6.57	3.00
22 07 19 00-0496	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....6.81	6.81	3.11
22 07 19 00-0497	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.12	7.12	3.21
22 07 19 00-0498	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.31	7.31	3.27
22 07 19 00-0499	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.64	7.64	3.32
22 07 19 00-0500	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.89	7.89	3.32
22 07 19 00-0501	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....8.07	8.07	3.42
22 07 19 00-0502	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....8.89	8.89	3.42
22 07 19 00-0503	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....9.61	9.61	3.48
22 07 19 00-0504	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....11.46	11.46	3.58
22 07 19 00-0505			1/2" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)		
22 07 19 00-0506	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.29	7.29	3.27
22 07 19 00-0507	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.36	7.36	3.27
22 07 19 00-0508	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.51	7.51	3.32
22 07 19 00-0509	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.71	7.71	3.32
22 07 19 00-0510	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....7.96	7.96	3.42
22 07 19 00-0511	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....8.32	8.32	3.48
22 07 19 00-0512	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....8.72	8.72	3.53
22 07 19 00-0513	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....9.11	9.11	3.58
22 07 19 00-0514	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....9.98	9.98	3.69
22 07 19 00-0515	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....10.75	10.75	3.74
22 07 19 00-0516	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....12.20	12.20	3.84
22 07 19 00-0517			3/4" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)		
22 07 19 00-0518	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....8.19	8.19	3.53

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0519	LF			3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.47	3.58
22 07 19 00-0520	LF			1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.81	3.69
22 07 19 00-0521	LF			3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.34	3.74
22 07 19 00-0522	LF			1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.82	3.84
22 07 19 00-0523	LF			1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.67	3.90
22 07 19 00-0524	LF			1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.23	3.90
22 07 19 00-0525	LF			2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.86	3.95
22 07 19 00-0526	LF			2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.08	4.05
22 07 19 00-0527	LF			3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	14.19	4.11
22 07 19 00-0528	LF			4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	16.33	4.21

22 07 19 00-0529 1" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0492)

22 07 19 00-0530	LF			1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.75	3.90
22 07 19 00-0531	LF			3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.90	3.95
22 07 19 00-0532	LF			1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	10.24	4.05
22 07 19 00-0533	LF			3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.00	4.11
22 07 19 00-0534	LF			1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.64	4.21
22 07 19 00-0535	LF			1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.29	4.32
22 07 19 00-0536	LF			1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.92	4.32
22 07 19 00-0537	LF			2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	14.33	4.42
22 07 19 00-0538	LF			2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.21	4.53
22 07 19 00-0539	LF			3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	17.55	4.59

22 07 19 00-0540 Flexible Elastomeric Unicellular Insulation (22 07 19)

Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0541	LF			1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.26	3.32
				<i>For Work In Restricted Working Space, Add</i>	2.00	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.62	
				<i>For 3/4" Thick Covering, Add</i>	1.12	
				<i>For 1" Thick Covering, Add</i>	2.15	
22 07 19 00-0542	LF			3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.41	3.32
				<i>For Work In Restricted Working Space, Add</i>	2.01	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.65	
				<i>For 3/4" Thick Covering, Add</i>	1.20	
				<i>For 1" Thick Covering, Add</i>	2.30	
22 07 19 00-0543	LF			1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.63	3.42
				<i>For Work In Restricted Working Space, Add</i>	2.06	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.67	
				<i>For 3/4" Thick Covering, Add</i>	1.26	
				<i>For 1" Thick Covering, Add</i>	2.41	
22 07 19 00-0544	LF			1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.93	3.48
				<i>For Work In Restricted Working Space, Add</i>	2.09	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.73	
				<i>For 3/4" Thick Covering, Add</i>	1.42	
				<i>For 1" Thick Covering, Add</i>	2.70	
22 07 19 00-0545	LF			1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.22	3.53
				<i>For Work In Restricted Working Space, Add</i>	2.12	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.78	
				<i>For 3/4" Thick Covering, Add</i>	1.57	
				<i>For 1" Thick Covering, Add</i>	2.97	
22 07 19 00-0546	LF			2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.53	3.58
				<i>For Work In Restricted Working Space, Add</i>	2.15	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.84	
				<i>For 3/4" Thick Covering, Add</i>	1.74	
				<i>For 1" Thick Covering, Add</i>	3.27	
22 07 19 00-0547	LF			2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.21	3.69
				<i>For Work In Restricted Working Space, Add</i>	2.21	
				<i>For 3/8" Thick Covering, Deduct</i>	-0.97	
				<i>For 3/4" Thick Covering, Add</i>	2.11	
				<i>For 1" Thick Covering, Add</i>	3.95	
22 07 19 00-0548	LF			3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.77	3.74
				<i>For Work In Restricted Working Space, Add</i>	2.25	
				<i>For 3/8" Thick Covering, Deduct</i>	-1.09	
				<i>For 3/4" Thick Covering, Add</i>	2.46	
				<i>For 1" Thick Covering, Add</i>	4.58	
22 07 19 00-0549	LF			3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	10.31	3.79
				<i>For Work In Restricted Working Space, Add</i>	2.27	
				<i>For 3/8" Thick Covering, Deduct</i>	-1.21	
				<i>For 3/4" Thick Covering, Add</i>	2.81	
				<i>For 1" Thick Covering, Add</i>	5.20	
22 07 19 00-0550	LF			4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	10.86	3.84
				<i>For Work In Restricted Working Space, Add</i>	2.31	
				<i>For 3/8" Thick Covering, Deduct</i>	-1.33	
				<i>For 3/4" Thick Covering, Add</i>	3.15	
				<i>For 1" Thick Covering, Add</i>	5.82	

22 07 19 00-0551 Insulation Foam Rubber (22 07 19)

22 07 19 00-0552 Covering 4x6 Sheet (22 07 19 00-0551)

22 07 19 00-0553	SF			1" Thick Foam Rubber Sheet Insulation	18.77	7.13
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22 07 19 00-0554 Insulation Protective Jacketing (22 07 19)

Note: Jacketing only and must be added to insulation prices.

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
22 07 19 00-0555		Aluminum Insulation Protective Jacketing With Bands (22 07 19 00-0554)			
22 07 19 00-0556		Aluminum Roll, Insulation Protective Jacketing With Bands (22 07 19 00-0555)			
22 07 19 00-0557	SF	0.006" Aluminum Insulation Jacket With Bands.....	14.93		6.43
22 07 19 00-0558	SF	0.016" Aluminum Insulation Jacket With Bands.....	15.31		6.43
22 07 19 00-0559		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0556)			
22 07 19 00-0560	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing.....	7.60		1.82
		For Stucco Embossed, Add	0.00		
		For Corrugated, Add	0.01		
22 07 19 00-0561	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing.....	7.86		1.87
		For Stucco Embossed, Add	0.00		
		For Corrugated, Add	0.01		
22 07 19 00-0562	LF	1" ID, 0.016" Aluminum Insulation Jacketing.....	8.12		1.91
		For Stucco Embossed, Add	0.00		
		For Corrugated, Add	0.01		
22 07 19 00-0563	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	8.40		1.96
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.01		
22 07 19 00-0564	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	8.61		1.99
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.02		
22 07 19 00-0565	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing.....	8.81		2.02
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.02		
22 07 19 00-0566	LF	2" ID, 0.016" Aluminum Insulation Jacketing.....	9.07		2.06
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.02		
22 07 19 00-0567	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	9.34		2.10
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.02		
22 07 19 00-0568	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	9.62		2.14
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.03		
22 07 19 00-0569	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing.....	9.85		2.18
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.03		
22 07 19 00-0570	LF	3" ID, 0.016" Aluminum Insulation Jacketing.....	10.15		2.23
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.03		
22 07 19 00-0571	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	10.44		2.28
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.03		
22 07 19 00-0572	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	10.73		2.33
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.04		
22 07 19 00-0573	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing.....	10.99		2.37
		For Stucco Embossed, Add	0.01		
		For Corrugated, Add	0.04		
22 07 19 00-0574	LF	4" ID, 0.016" Aluminum Insulation Jacketing.....	11.31		2.43
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.04		
22 07 19 00-0575	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	11.64		2.49
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.04		
22 07 19 00-0576	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	12.01		2.55
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.04		
22 07 19 00-0577	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing.....	12.30		2.60
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.05		
22 07 19 00-0578	LF	5" ID, 0.016" Aluminum Insulation Jacketing.....	12.67		2.67
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.05		
22 07 19 00-0579	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	13.05		2.75
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.05		
22 07 19 00-0580	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	13.37		2.81
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.05		
22 07 19 00-0581	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing.....	13.79		2.89
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.06		
22 07 19 00-0582	LF	6" ID, 0.016" Aluminum Insulation Jacketing.....	14.22		2.98
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.06		
22 07 19 00-0583	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing.....	14.50		3.02
		For Stucco Embossed, Add	0.02		
		For Corrugated, Add	0.06		
22 07 19 00-0584	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing.....	14.77		3.07
		For Stucco Embossed, Add	0.03		
		For Corrugated, Add	0.06		
22 07 19 00-0585	LF	7" ID, 0.016" Aluminum Insulation Jacketing.....	15.23		3.14
		For Stucco Embossed, Add	0.03		
		For Corrugated, Add	0.07		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0586 LF 7-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.60 0.03 0.07	3.21
22 07 19 00-0587 LF 7-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.91 0.03 0.07	3.27
22 07 19 00-0588 LF 8" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.31 0.03 0.08	3.32
22 07 19 00-0589 LF 8-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.70 0.03 0.08	3.37
22 07 19 00-0590 LF 9" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.24 0.03 0.08	3.46
22 07 19 00-0591 LF 9-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.68 0.04 0.09	3.52
22 07 19 00-0592 LF 10" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.11 0.04 0.09	3.58
22 07 19 00-0593 LF 10-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.55 0.04 0.10	3.65
22 07 19 00-0594 LF 11" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.13 0.04 0.10	3.75
22 07 19 00-0595 LF 11-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.61 0.04 0.11	3.82
22 07 19 00-0596 LF 12" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.09 0.05 0.11	3.90
22 07 19 00-0597 LF 12-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.74 0.05 0.12	4.01
22 07 19 00-0598 LF 13" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.08 0.05 0.12	4.05
22 07 19 00-0599 LF 14" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.61 0.05 0.13	4.09
22 07 19 00-0600 LF 15" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.31 0.06 0.14	4.18
22 07 19 00-0601 LF 16" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.86 0.06 0.15	4.22
22 07 19 00-0602 LF 17" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.58 0.06 0.16	4.31
22 07 19 00-0603 LF 18" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.02 0.07 0.16	4.36
22 07 19 00-0604 LF 19" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.89 0.07 0.18	4.46
22 07 19 00-0605 LF 20" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.46 0.07 0.19	4.51
22 07 19 00-0606 LF 21" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.23 0.08 0.19	4.62
22 07 19 00-0607 LF 22" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.81 0.08 0.20	4.67
22 07 19 00-0608 LF 23" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.62 0.09 0.21	4.78
22 07 19 00-0609 LF 24" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.22 0.09 0.22	4.84
22 07 19 00-0610 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0555)		
22 07 19 00-0611 LF 1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	8.41 0.00 0.01	2.01
22 07 19 00-0612 LF 3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	8.71 0.01 0.01	2.05
22 07 19 00-0613 LF 1" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.02 0.01 0.02	2.10
22 07 19 00-0614 LF 1-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.35 0.01 0.02	2.15

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0615	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	9.59	2.18
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0616	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	9.84	2.22
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0617	LF	2" ID, 0.020" Aluminum Insulation Jacketing	10.13	2.26
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0618	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.43	2.31
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0619	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	10.75	2.36
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0620	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	11.03	2.40
		<i>For Stucco Embossed, Add</i>	0.01	
		<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0621	LF	3" ID, 0.020" Aluminum Insulation Jacketing	11.37	2.45
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0622	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.70	2.51
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0623	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	12.05	2.56
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0624	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.35	2.61
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0625	LF	4" ID, 0.020" Aluminum Insulation Jacketing	12.72	2.67
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0626	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.10	2.75
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0627	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.51	2.82
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0628	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	13.84	2.87
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0629	LF	5" ID, 0.020" Aluminum Insulation Jacketing	14.25	2.95
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0630	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	14.70	3.03
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0631	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	15.06	3.09
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0632	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	15.55	3.18
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0633	LF	6" ID, 0.020" Aluminum Insulation Jacketing	16.03	3.27
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0634	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	16.35	3.32
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0635	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.66	3.37
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0636	LF	7" ID, 0.020" Aluminum Insulation Jacketing	17.20	3.45
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0637	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.64	3.53
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0638	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	17.99	3.59
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0639	LF	8" ID, 0.020" Aluminum Insulation Jacketing	18.46	3.65
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0640	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.92	3.71
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0641	LF	9" ID, 0.020" Aluminum Insulation Jacketing	19.53	3.81
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0642	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.04	3.87
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0643	LF	10" ID, 0.020" Aluminum Insulation Jacketing	20.55	3.94
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0644	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	21.07	4.01
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0645	LF		11" ID, 0.0106 Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.75 0.05 0.13	4.12
22 07 19 00-0646	LF		11-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.30 0.05 0.14	4.20
22 07 19 00-0647	LF		12" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.85 0.06 0.14	4.28
22 07 19 00-0648	LF		12-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.60 0.06 0.15	4.41
22 07 19 00-0649	LF		13" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.01 0.06 0.15	4.46
22 07 19 00-0650	LF		14" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.66 0.07 0.17	4.50
22 07 19 00-0651	LF		15" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.49 0.07 0.18	4.60
22 07 19 00-0652	LF		16" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.16 0.08 0.19	4.65
22 07 19 00-0653	LF		17" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.01 0.08 0.20	4.75
22 07 19 00-0654	LF		18" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.53 0.08 0.21	4.80
22 07 19 00-0655	LF		19" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.58 0.09 0.22	4.91
22 07 19 00-0656	LF		20" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.27 0.09 0.24	4.96
22 07 19 00-0657	LF		21" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.18 0.10 0.25	5.08
22 07 19 00-0658	LF		22" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.87 0.10 0.26	5.14
22 07 19 00-0659	LF		23" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.83 0.11 0.27	5.26
22 07 19 00-0660	LF		24" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.54 0.11 0.28	5.32
22 07 19 00-0661			24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0555)		
22 07 19 00-0662	LF		1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.22 0.00 0.01	2.19
22 07 19 00-0663	LF		3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.56 0.01 0.02	2.24
22 07 19 00-0664	LF		1" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.90 0.01 0.02	2.29
22 07 19 00-0665	LF		1-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.27 0.01 0.02	2.35
22 07 19 00-0666	LF		1-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.55 0.01 0.03	2.38
22 07 19 00-0667	LF		1-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.82 0.01 0.03	2.42
22 07 19 00-0668	LF		2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.16 0.01 0.03	2.47
22 07 19 00-0669	LF		2-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.51 0.01 0.04	2.52
22 07 19 00-0670	LF		2-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.88 0.02 0.04	2.57
22 07 19 00-0671	LF		2-3/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.18 0.02 0.04	2.61
22 07 19 00-0672	LF		3" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.57 0.02 0.05	2.67
22 07 19 00-0673	LF		3-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.95 0.02 0.05	2.74

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0674	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.34	2.80
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0675	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.67	2.85
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0676	LF	4" ID, 0.024" Aluminum Insulation Jacketing	14.08	2.92
		<i>For Stucco Embossed, Add</i>	0.02	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0677	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	14.52	3.00
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0678	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	14.97	3.07
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0679	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	15.35	3.13
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0680	LF	5" ID, 0.024" Aluminum Insulation Jacketing	15.81	3.21
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0681	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	16.30	3.30
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0682	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	16.72	3.37
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0683	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	17.27	3.47
		<i>For Stucco Embossed, Add</i>	0.03	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0684	LF	6" ID, 0.024" Aluminum Insulation Jacketing	17.81	3.57
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0685	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	18.16	3.62
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0686	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	18.52	3.68
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0687	LF	7" ID, 0.024" Aluminum Insulation Jacketing	19.12	3.76
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0688	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	19.61	3.85
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0689	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.01	3.91
		<i>For Stucco Embossed, Add</i>	0.04	
		<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0690	LF	8" ID, 0.024" Aluminum Insulation Jacketing	20.55	3.98
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0691	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	21.08	4.05
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0692	LF	9" ID, 0.024" Aluminum Insulation Jacketing	21.77	4.15
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0693	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.35	4.22
		<i>For Stucco Embossed, Add</i>	0.05	
		<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0694	LF	10" ID, 0.024" Aluminum Insulation Jacketing	22.92	4.30
		<i>For Stucco Embossed, Add</i>	0.06	
		<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0695	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.52	4.37
		<i>For Stucco Embossed, Add</i>	0.06	
		<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0696	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	24.28	4.50
		<i>For Stucco Embossed, Add</i>	0.06	
		<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0697	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	24.91	4.59
		<i>For Stucco Embossed, Add</i>	0.07	
		<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0698	LF	12" ID, 0.024" Aluminum Insulation Jacketing	25.53	4.68
		<i>For Stucco Embossed, Add</i>	0.07	
		<i>For Corrugated, Add</i>	0.17	
22 07 19 00-0699	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	26.38	4.82
		<i>For Stucco Embossed, Add</i>	0.07	
		<i>For Corrugated, Add</i>	0.18	
22 07 19 00-0700	LF	13" ID, 0.024" Aluminum Insulation Jacketing	26.85	4.87
		<i>For Stucco Embossed, Add</i>	0.07	
		<i>For Corrugated, Add</i>	0.18	
22 07 19 00-0701	LF	14" ID, 0.024" Aluminum Insulation Jacketing	27.60	4.92
		<i>For Stucco Embossed, Add</i>	0.08	
		<i>For Corrugated, Add</i>	0.20	
22 07 19 00-0702	LF	15" ID, 0.024" Aluminum Insulation Jacketing	28.56	5.02
		<i>For Stucco Embossed, Add</i>	0.08	
		<i>For Corrugated, Add</i>	0.21	
22 07 19 00-0703	LF	16" ID, 0.024" Aluminum Insulation Jacketing	29.33	5.07
		<i>For Stucco Embossed, Add</i>	0.09	
		<i>For Corrugated, Add</i>	0.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0704 LF 17" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.31 0.10 0.24	5.18
22 07 19 00-0705 LF 18" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.92 0.10 0.25	5.24
22 07 19 00-0706 LF 19" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.12 0.11 0.27	5.35
22 07 19 00-0707 LF 20" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.93 0.11 0.28	5.41
22 07 19 00-0708 LF 21" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.97 0.12 0.30	5.54
22 07 19 00-0709 LF 22" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.77 0.12 0.31	5.60
22 07 19 00-0710 LF 23" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.87 0.13 0.32	5.73
22 07 19 00-0711 LF 24" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.70 0.13 0.34	5.80
22 07 19 00-0712 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0555)		
22 07 19 00-0713 LF 1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.32 0.01 0.02	2.42
22 07 19 00-0714 LF 3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.73 0.01 0.02	2.48
22 07 19 00-0715 LF 1" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.16 0.01 0.02	2.54
22 07 19 00-0716 LF 1-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.59 0.01 0.03	2.60
22 07 19 00-0717 LF 1-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.92 0.01 0.03	2.64
22 07 19 00-0718 LF 1-3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.27 0.02 0.04	2.68
22 07 19 00-0719 LF 2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.67 0.02 0.04	2.74
22 07 19 00-0720 LF 2-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.08 0.02 0.05	2.80
22 07 19 00-0721 LF 2-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.53 0.02 0.05	2.86
22 07 19 00-0722 LF 2-3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.89 0.02 0.06	2.91
22 07 19 00-0723 LF 3" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.36 0.03 0.06	2.97
22 07 19 00-0724 LF 3-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.82 0.03 0.07	3.04
22 07 19 00-0725 LF 3-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.29 0.03 0.07	3.11
22 07 19 00-0726 LF 3-3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.69 0.03 0.08	3.16
22 07 19 00-0727 LF 4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.17 0.03 0.08	3.24
22 07 19 00-0728 LF 4-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.68 0.03 0.09	3.32
22 07 19 00-0729 LF 4-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.22 0.04 0.09	3.40
22 07 19 00-0730 LF 4-3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.68 0.04 0.10	3.47
22 07 19 00-0731 LF 5" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.23 0.04 0.10	3.56
22 07 19 00-0732 LF 5-1/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.80 0.04 0.10	3.66

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0733	LF		5-1/2" ID, 0.032" Aluminum Insulation Jacketing	19.29	3.73
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0734	LF		5-3/4" ID, 0.032" Aluminum Insulation Jacketing	19.92	3.84
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0735	LF		6" ID, 0.032" Aluminum Insulation Jacketing	20.57	3.95
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0736	LF		6-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.99	4.01
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0737	LF		6-1/2" ID, 0.032" Aluminum Insulation Jacketing	21.41	4.07
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0738	LF		7" ID, 0.032" Aluminum Insulation Jacketing	22.14	4.17
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0739	LF		7-1/4" ID, 0.032" Aluminum Insulation Jacketing	22.72	4.27
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0740	LF		7-1/2" ID, 0.032" Aluminum Insulation Jacketing	23.18	4.34
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0741	LF		8" ID, 0.032" Aluminum Insulation Jacketing	23.85	4.41
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0742	LF		8-1/2" ID, 0.032" Aluminum Insulation Jacketing	24.51	4.48
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0743	LF		9" ID, 0.032" Aluminum Insulation Jacketing	25.33	4.61
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.17	
22 07 19 00-0744	LF		9-1/2" ID, 0.032" Aluminum Insulation Jacketing	26.04	4.69
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.18	
22 07 19 00-0745	LF		10" ID, 0.032" Aluminum Insulation Jacketing	26.74	4.77
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.19	
22 07 19 00-0746	LF		10-1/2" ID, 0.032" Aluminum Insulation Jacketing	27.47	4.86
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.20	
22 07 19 00-0747	LF		11" ID, 0.0106 Aluminum Insulation Jacketing	28.38	4.99
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.21	
22 07 19 00-0748	LF		11-1/2" ID, 0.032" Aluminum Insulation Jacketing	29.14	5.09
			<i>For Stucco Embossed, Add</i>	0.09	
			<i>For Corrugated, Add</i>	0.22	
22 07 19 00-0749	LF		12" ID, 0.032" Aluminum Insulation Jacketing	29.90	5.18
			<i>For Stucco Embossed, Add</i>	0.09	
			<i>For Corrugated, Add</i>	0.23	
22 07 19 00-0750	LF		12-1/2" ID, 0.032" Aluminum Insulation Jacketing	30.90	5.34
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.24	
22 07 19 00-0751	LF		13" ID, 0.032" Aluminum Insulation Jacketing	31.48	5.39
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.25	
22 07 19 00-0752	LF		14" ID, 0.032" Aluminum Insulation Jacketing	32.45	5.45
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.27	
22 07 19 00-0753	LF		15" ID, 0.032" Aluminum Insulation Jacketing	33.64	5.56
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.29	
22 07 19 00-0754	LF		16" ID, 0.032" Aluminum Insulation Jacketing	34.63	5.62
			<i>For Stucco Embossed, Add</i>	0.12	
			<i>For Corrugated, Add</i>	0.30	
22 07 19 00-0755	LF		17" ID, 0.032" Aluminum Insulation Jacketing	35.86	5.74
			<i>For Stucco Embossed, Add</i>	0.13	
			<i>For Corrugated, Add</i>	0.32	
22 07 19 00-0756	LF		18" ID, 0.032" Aluminum Insulation Jacketing	36.60	5.80
			<i>For Stucco Embossed, Add</i>	0.13	
			<i>For Corrugated, Add</i>	0.33	
22 07 19 00-0757	LF		19" ID, 0.032" Aluminum Insulation Jacketing	38.11	5.93
			<i>For Stucco Embossed, Add</i>	0.14	
			<i>For Corrugated, Add</i>	0.36	
22 07 19 00-0758	LF		20" ID, 0.032" Aluminum Insulation Jacketing	39.12	6.00
			<i>For Stucco Embossed, Add</i>	0.15	
			<i>For Corrugated, Add</i>	0.38	
22 07 19 00-0759	LF		21" ID, 0.032" Aluminum Insulation Jacketing	40.41	6.13
			<i>For Stucco Embossed, Add</i>	0.16	
			<i>For Corrugated, Add</i>	0.40	
22 07 19 00-0760	LF		22" ID, 0.032" Aluminum Insulation Jacketing	41.44	6.20
			<i>For Stucco Embossed, Add</i>	0.17	
			<i>For Corrugated, Add</i>	0.42	
22 07 19 00-0761	LF		23" ID, 0.032" Aluminum Insulation Jacketing	42.78	6.35
			<i>For Stucco Embossed, Add</i>	0.17	
			<i>For Corrugated, Add</i>	0.43	
22 07 19 00-0762	LF		24" ID, 0.032" Aluminum Insulation Jacketing	43.82	6.44
			<i>For Stucco Embossed, Add</i>	0.18	
			<i>For Corrugated, Add</i>	0.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0763 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0555)</small>		
22 07 19 00-0764 LF 1/2" ID, 0.040" Aluminum Insulation Jacketing	11.95	2.80
For Stucco Embossed, Add	0.01	
For Corrugated, Add	0.02	
22 07 19 00-0765 LF 3/4" ID, 0.040" Aluminum Insulation Jacketing	12.43	2.86
For Stucco Embossed, Add	0.01	
For Corrugated, Add	0.03	
22 07 19 00-0766 LF 1" ID, 0.040" Aluminum Insulation Jacketing	12.93	2.93
For Stucco Embossed, Add	0.01	
For Corrugated, Add	0.03	
22 07 19 00-0767 LF 1-1/4" ID, 0.040" Aluminum Insulation Jacketing	13.46	3.00
For Stucco Embossed, Add	0.01	
For Corrugated, Add	0.04	
22 07 19 00-0768 LF 1-1/2" ID, 0.040" Aluminum Insulation Jacketing	13.86	3.04
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.04	
22 07 19 00-0769 LF 1-3/4" ID, 0.040" Aluminum Insulation Jacketing	14.28	3.09
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.05	
22 07 19 00-0770 LF 2" ID, 0.040" Aluminum Insulation Jacketing	14.76	3.15
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.05	
22 07 19 00-0771 LF 2-1/4" ID, 0.040" Aluminum Insulation Jacketing	15.25	3.22
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.06	
22 07 19 00-0772 LF 2-1/2" ID, 0.040" Aluminum Insulation Jacketing	15.78	3.29
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.07	
22 07 19 00-0773 LF 2-3/4" ID, 0.040" Aluminum Insulation Jacketing	16.23	3.34
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.07	
22 07 19 00-0774 LF 3" ID, 0.040" Aluminum Insulation Jacketing	16.78	3.41
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.08	
22 07 19 00-0775 LF 3-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.33	3.49
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.08	
22 07 19 00-0776 LF 3-1/2" ID, 0.040" Aluminum Insulation Jacketing	17.88	3.57
For Stucco Embossed, Add	0.04	
For Corrugated, Add	0.09	
22 07 19 00-0777 LF 3-3/4" ID, 0.040" Aluminum Insulation Jacketing	18.37	3.63
For Stucco Embossed, Add	0.04	
For Corrugated, Add	0.10	
22 07 19 00-0778 LF 4" ID, 0.040" Aluminum Insulation Jacketing	18.95	3.72
For Stucco Embossed, Add	0.04	
For Corrugated, Add	0.10	
22 07 19 00-0779 LF 4-1/4" ID, 0.040" Aluminum Insulation Jacketing	19.54	3.81
For Stucco Embossed, Add	0.04	
For Corrugated, Add	0.11	
22 07 19 00-0780 LF 4-1/2" ID, 0.040" Aluminum Insulation Jacketing	20.20	3.91
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.11	
22 07 19 00-0781 LF 4-3/4" ID, 0.040" Aluminum Insulation Jacketing	20.73	3.99
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.12	
22 07 19 00-0782 LF 5" ID, 0.040" Aluminum Insulation Jacketing	21.39	4.09
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.13	
22 07 19 00-0783 LF 5-1/4" ID, 0.040" Aluminum Insulation Jacketing	22.06	4.20
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.13	
22 07 19 00-0784 LF 5-1/2" ID, 0.040" Aluminum Insulation Jacketing	22.64	4.29
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.14	
22 07 19 00-0785 LF 5-3/4" ID, 0.040" Aluminum Insulation Jacketing	23.41	4.41
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.14	
22 07 19 00-0786 LF 6" ID, 0.040" Aluminum Insulation Jacketing	24.16	4.54
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.15	
22 07 19 00-0787 LF 6-1/4" ID, 0.040" Aluminum Insulation Jacketing	24.66	4.62
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.15	
22 07 19 00-0788 LF 6-1/2" ID, 0.040" Aluminum Insulation Jacketing	25.17	4.69
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.16	
22 07 19 00-0789 LF 7" ID, 0.040" Aluminum Insulation Jacketing	26.04	4.80
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.17	
22 07 19 00-0790 LF 7-1/4" ID, 0.040" Aluminum Insulation Jacketing	26.73	4.92
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.18	
22 07 19 00-0791 LF 7-1/2" ID, 0.040" Aluminum Insulation Jacketing	27.28	5.00
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.18	

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0792	LF	8" ID, 0.040" Aluminum Insulation Jacketing.....	28.09	5.08
		<i>For Stucco Embossed, Add</i>	0.08	
		<i>For Corrugated, Add</i>	0.19	
22 07 19 00-0793	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	28.87	5.16
		<i>For Stucco Embossed, Add</i>	0.08	
		<i>For Corrugated, Add</i>	0.21	
22 07 19 00-0794	LF	9" ID, 0.040" Aluminum Insulation Jacketing.....	29.87	5.30
		<i>For Stucco Embossed, Add</i>	0.09	
		<i>For Corrugated, Add</i>	0.22	
22 07 19 00-0795	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	30.73	5.39
		<i>For Stucco Embossed, Add</i>	0.09	
		<i>For Corrugated, Add</i>	0.23	
22 07 19 00-0796	LF	10" ID, 0.040" Aluminum Insulation Jacketing.....	31.57	5.48
		<i>For Stucco Embossed, Add</i>	0.10	
		<i>For Corrugated, Add</i>	0.24	
22 07 19 00-0797	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	32.43	5.58
		<i>For Stucco Embossed, Add</i>	0.10	
		<i>For Corrugated, Add</i>	0.25	
22 07 19 00-0798	LF	11" ID, 0.0106 Aluminum Insulation Jacketing.....	33.52	5.74
		<i>For Stucco Embossed, Add</i>	0.11	
		<i>For Corrugated, Add</i>	0.26	
22 07 19 00-0799	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	34.45	5.85
		<i>For Stucco Embossed, Add</i>	0.11	
		<i>For Corrugated, Add</i>	0.28	
22 07 19 00-0800	LF	12" ID, 0.040" Aluminum Insulation Jacketing.....	35.36	5.96
		<i>For Stucco Embossed, Add</i>	0.12	
		<i>For Corrugated, Add</i>	0.29	
22 07 19 00-0801	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	36.53	6.14
		<i>For Stucco Embossed, Add</i>	0.12	
		<i>For Corrugated, Add</i>	0.30	
22 07 19 00-0802	LF	13" ID, 0.040" Aluminum Insulation Jacketing.....	37.25	6.20
		<i>For Stucco Embossed, Add</i>	0.12	
		<i>For Corrugated, Add</i>	0.31	
22 07 19 00-0803	LF	14" ID, 0.040" Aluminum Insulation Jacketing.....	38.45	6.26
		<i>For Stucco Embossed, Add</i>	0.13	
		<i>For Corrugated, Add</i>	0.33	
22 07 19 00-0804	LF	15" ID, 0.040" Aluminum Insulation Jacketing.....	39.89	6.40
		<i>For Stucco Embossed, Add</i>	0.14	
		<i>For Corrugated, Add</i>	0.36	
22 07 19 00-0805	LF	16" ID, 0.040" Aluminum Insulation Jacketing.....	41.11	6.47
		<i>For Stucco Embossed, Add</i>	0.15	
		<i>For Corrugated, Add</i>	0.38	
22 07 19 00-0806	LF	17" ID, 0.040" Aluminum Insulation Jacketing.....	42.58	6.61
		<i>For Stucco Embossed, Add</i>	0.16	
		<i>For Corrugated, Add</i>	0.40	
22 07 19 00-0807	LF	18" ID, 0.040" Aluminum Insulation Jacketing.....	43.51	6.68
		<i>For Stucco Embossed, Add</i>	0.17	
		<i>For Corrugated, Add</i>	0.42	
22 07 19 00-0808	LF	19" ID, 0.040" Aluminum Insulation Jacketing.....	45.34	6.83
		<i>For Stucco Embossed, Add</i>	0.18	
		<i>For Corrugated, Add</i>	0.45	
22 07 19 00-0809	LF	20" ID, 0.040" Aluminum Insulation Jacketing.....	46.59	6.90
		<i>For Stucco Embossed, Add</i>	0.19	
		<i>For Corrugated, Add</i>	0.47	
22 07 19 00-0810	LF	21" ID, 0.040" Aluminum Insulation Jacketing.....	48.14	7.06
		<i>For Stucco Embossed, Add</i>	0.20	
		<i>For Corrugated, Add</i>	0.50	
22 07 19 00-0811	LF	22" ID, 0.040" Aluminum Insulation Jacketing.....	49.40	7.14
		<i>For Stucco Embossed, Add</i>	0.21	
		<i>For Corrugated, Add</i>	0.52	
22 07 19 00-0812	LF	23" ID, 0.040" Aluminum Insulation Jacketing.....	51.03	7.31
		<i>For Stucco Embossed, Add</i>	0.22	
		<i>For Corrugated, Add</i>	0.54	
22 07 19 00-0813	LF	24" ID, 0.040" Aluminum Insulation Jacketing.....	52.29	7.40
		<i>For Stucco Embossed, Add</i>	0.23	
		<i>For Corrugated, Add</i>	0.57	

22 07 19 00-0814 Aluminum Insulation Protective Jacketing For Fittings (22 07 19 00-0555)

22 07 19 00-0815	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	16.03	2.87
22 07 19 00-0816	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	16.45	2.98
22 07 19 00-0817	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	18.09	3.09
22 07 19 00-0818	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	18.29	3.14
22 07 19 00-0819	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	18.48	3.19
22 07 19 00-0820	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	18.79	3.27
22 07 19 00-0821	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	19.61	3.35
22 07 19 00-0822	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	19.96	3.43
22 07 19 00-0823	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	21.33	3.49
22 07 19 00-0824	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	21.76	3.55
22 07 19 00-0825	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	22.50	3.65
22 07 19 00-0826	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	23.00	3.72
22 07 19 00-0827	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	23.27	3.79
22 07 19 00-0828	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	23.56	3.86
22 07 19 00-0829	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	24.90	3.93
22 07 19 00-0830	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	26.63	4.01
22 07 19 00-0831	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	29.71	4.14
22 07 19 00-0832	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	30.06	4.22
22 07 19 00-0833	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	28.69	4.36
22 07 19 00-0834	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	29.07	4.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0835	EA		6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.97	4.62
22 07 19 00-0836	EA		7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	35.30	4.73
22 07 19 00-0837	EA		7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.52	4.78
22 07 19 00-0838	EA		7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	43.48	4.84
22 07 19 00-0839	EA		8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	37.58	4.90
22 07 19 00-0840	EA		8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	53.32	5.02
22 07 19 00-0841	EA		9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	53.83	5.15
22 07 19 00-0842	EA		9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.31	5.21
22 07 19 00-0843	EA		10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	45.59	5.28
22 07 19 00-0844	EA		10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	46.40	5.35
22 07 19 00-0845	EA		11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	46.69	5.42
22 07 19 00-0846	EA		11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	50.70	5.57
22 07 19 00-0847	EA		12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	51.01	5.65
22 07 19 00-0848	EA		12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	73.83	5.82
22 07 19 00-0849	EA		13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	74.17	5.90
22 07 19 00-0850	EA		14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	92.12	6.08
22 07 19 00-0851	EA		15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	95.97	6.27
22 07 19 00-0852	EA		16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	102.81	6.37
22 07 19 00-0853	EA		2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	17.48	3.19
22 07 19 00-0854	EA		2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	17.79	3.27
22 07 19 00-0855	EA		3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.74	3.35
22 07 19 00-0856	EA		3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	19.09	3.43
22 07 19 00-0857	EA		3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	20.08	3.49
22 07 19 00-0858	EA		3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	20.32	3.55
22 07 19 00-0859	EA		4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.82	3.65
22 07 19 00-0860	EA		4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	21.96	3.72
22 07 19 00-0861	EA		4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	22.23	3.79
22 07 19 00-0862	EA		4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	22.52	3.86
22 07 19 00-0863	EA		5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	24.07	3.93
22 07 19 00-0864	EA		5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	24.39	4.01
22 07 19 00-0865	EA		5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	25.28	4.14
22 07 19 00-0866	EA		6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.19	4.36
22 07 19 00-0867	EA		6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	30.51	4.62
22 07 19 00-0868	EA		7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.95	4.73
22 07 19 00-0869	EA		7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	31.52	4.84
22 07 19 00-0870	EA		8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.75	4.90
22 07 19 00-0871	EA		8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	35.21	5.02
22 07 19 00-0872	EA		9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.72	5.15
22 07 19 00-0873	EA		9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	41.87	5.21
22 07 19 00-0874	EA		10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	42.15	5.28
22 07 19 00-0875	EA		10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	41.07	5.35
22 07 19 00-0876	EA		11" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	41.36	5.42
22 07 19 00-0877	EA		11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	45.92	5.57
22 07 19 00-0878	EA		12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	46.23	5.65
22 07 19 00-0879	EA		13" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	51.33	5.90
22 07 19 00-0880	EA		14" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	58.33	6.08
22 07 19 00-0881	EA		15" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	77.49	6.27
22 07 19 00-0882	EA		16" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	82.30	6.37
22 07 19 00-0883	EA		17" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	81.36	6.48
22 07 19 00-0884	EA		18" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	89.59	6.58
22 07 19 00-0885	EA		19" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	104.05	6.69
22 07 19 00-0886	EA		20" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	101.96	6.81
22 07 19 00-0887	EA		21" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	108.37	6.92
22 07 19 00-0888	EA		2-1/2" ID, Aluminum Tee Insulation Jacketing.....	50.82	4.56
22 07 19 00-0889	EA		2-3/4" ID, Aluminum Tee Insulation Jacketing	51.24	4.67
22 07 19 00-0890	EA		3" ID, Aluminum Tee Insulation Jacketing	55.91	4.78
22 07 19 00-0891	EA		3-1/4" ID, Aluminum Tee Insulation Jacketing.....	56.38	4.90
22 07 19 00-0892	EA		3-1/2" ID Aluminum Tee Insulation Jacketing	58.63	5.02
22 07 19 00-0893	EA		4" ID, Aluminum Tee Insulation Jacketing	59.56	5.15
22 07 19 00-0894	EA		4-1/4" ID, Aluminum Tee Insulation Jacketing	62.36	5.28
22 07 19 00-0895	EA		4-1/2" ID, Aluminum Tee Insulation Jacketing.....	62.59	5.42
22 07 19 00-0896	EA		4-3/4" ID, Aluminum Tee Insulation Jacketing.....	63.19	5.57
22 07 19 00-0897	EA		5" ID, Aluminum Tee Insulation Jacketing	65.36	5.73
22 07 19 00-0898	EA		5-1/4" ID, Aluminum Tee Insulation Jacketing.....	66.03	5.90
22 07 19 00-0899	EA		5-1/2" ID, Aluminum Tee Insulation Jacketing.....	68.62	6.08
22 07 19 00-0900	EA		6" ID, Aluminum Tee Insulation Jacketing	69.39	6.27
22 07 19 00-0901	EA		6-1/2" ID, Aluminum Tee Insulation Jacketing.....	75.42	6.69
22 07 19 00-0902	EA		7" ID, Aluminum Tee Insulation Jacketing	76.34	6.92
22 07 19 00-0903	EA		7-1/2" ID, Aluminum Tee Insulation Jacketing.....	82.78	7.17
22 07 19 00-0904	EA		8" ID, Aluminum Tee Insulation Jacketing	83.84	7.43
22 07 19 00-0905	EA		8-1/2" ID, Aluminum Tee Insulation Jacketing.....	86.42	7.72
22 07 19 00-0906	EA		9" ID, Aluminum Tee Insulation Jacketing	87.66	8.02
22 07 19 00-0907	EA		9-1/2" ID, Aluminum Tee Insulation Jacketing.....	73.99	8.19
22 07 19 00-0908	EA		10" ID, Aluminum Tee Insulation Jacketing	74.67	8.37
22 07 19 00-0909	EA		10-1/2" ID, Aluminum Tee Insulation Jacketing.....	78.07	8.54
22 07 19 00-0910	EA		11" ID, Aluminum Tee Insulation Jacketing	78.80	8.73
22 07 19 00-0911	EA		11-1/2" ID, Aluminum Tee Insulation Jacketing.....	81.98	8.92
22 07 19 00-0912	EA		12" ID, Aluminum Tee Insulation Jacketing	82.79	9.12
22 07 19 00-0913	EA		13" ID, Aluminum Tee Insulation Jacketing.....	85.93	9.33
22 07 19 00-0914	EA		14" ID, Aluminum Tee Insulation Jacketing	89.21	9.55
22 07 19 00-0915	EA		15" ID, Aluminum Tee Insulation Jacketing.....	94.30	9.79
22 07 19 00-0916	EA		16" ID, Aluminum Tee Insulation Jacketing.....	96.67	10.03
22 07 19 00-0917	EA		17" ID, Aluminum Tee Insulation Jacketing.....	106.15	10.30
22 07 19 00-0918	EA		18" ID, Aluminum Tee Insulation Jacketing.....	109.77	10.57
22 07 19 00-0919	EA		19" ID, Aluminum Tee Insulation Jacketing.....	118.07	10.85

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-0920	EA	20" ID, Aluminum Tee Insulation Jacketing.....	120.90	11.15
22 07 19 00-0921	EA	22" ID, Aluminum Tee Insulation Jacketing.....	142.93	11.47
22 07 19 00-0922	EA	23" ID, Aluminum Tee Insulation Jacketing.....	146.98	11.80
22 07 19 00-0923	EA	24" ID, Aluminum Tee Insulation Jacketing.....	154.14	12.95

22 07 19 00-0924 Stainless Steel Insulation Protective Jacketing With Bands (22 07 19 00-0554)**22 07 19 00-0925 Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands (22**

22 07 19 00-0926	SF	0.010" Stainless Steel Insulation Jacket With Bands.....	18.65	7.52
22 07 19 00-0927	SF	0.016" Stainless Steel Insulation Jacket With Bands.....	22.87	9.03

22 07 19 00-0928 10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With**Moisture Barrier And Bands (22 07 19 00-0924)**

22 07 19 00-0929	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	9.61	1.61
22 07 19 00-0930	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	10.02	1.64
22 07 19 00-0931	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing.....	10.43	1.67
22 07 19 00-0932	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	10.88	1.71
22 07 19 00-0933	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	11.30	1.75
22 07 19 00-0934	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	11.74	1.78
22 07 19 00-0935	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing.....	12.18	1.82
22 07 19 00-0936	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	12.63	1.87
22 07 19 00-0937	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	13.08	1.91
22 07 19 00-0938	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing.....	14.03	2.01
22 07 19 00-0939	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	15.03	2.11
22 07 19 00-0940	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing.....	16.06	2.23
22 07 19 00-0941	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	16.87	2.29
22 07 19 00-0942	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing.....	17.71	2.36
22 07 19 00-0943	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	18.62	2.44
22 07 19 00-0944	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing.....	19.37	2.49
22 07 19 00-0945	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	20.13	2.54
22 07 19 00-0946	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing.....	20.89	2.59
22 07 19 00-0947	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	21.65	2.64
22 07 19 00-0948	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing.....	22.44	2.69
22 07 19 00-0949	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	23.23	2.75
22 07 19 00-0950	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing.....	24.02	2.81
22 07 19 00-0951	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing.....	25.64	2.93
22 07 19 00-0952	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing.....	27.22	3.04
22 07 19 00-0953	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing.....	28.52	3.09

22 07 19 00-0954 16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With**Moisture Barrier And Bands (22 07 19 00-0924)**

22 07 19 00-0955	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	13.16	2.13
22 07 19 00-0956	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	13.74	2.18
22 07 19 00-0957	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing.....	14.33	2.22
22 07 19 00-0958	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	14.94	2.27
22 07 19 00-0959	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	15.54	2.32
22 07 19 00-0960	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	16.16	2.37
22 07 19 00-0961	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing.....	16.77	2.42
22 07 19 00-0962	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	17.41	2.48
22 07 19 00-0963	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	18.06	2.54
22 07 19 00-0964	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing.....	19.40	2.66
22 07 19 00-0965	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	20.77	2.81
22 07 19 00-0966	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing.....	22.21	2.97
22 07 19 00-0967	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	23.37	3.05
22 07 19 00-0968	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing.....	24.56	3.14
22 07 19 00-0969	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	25.83	3.26
22 07 19 00-0970	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing.....	26.89	3.32
22 07 19 00-0971	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	27.95	3.38
22 07 19 00-0972	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing.....	29.05	3.45
22 07 19 00-0973	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	30.14	3.51
22 07 19 00-0974	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing.....	31.23	3.58
22 07 19 00-0975	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	32.36	3.66
22 07 19 00-0976	LF	11" ID, 0.016" Stainless Steel Insulation Jacketing.....	33.48	3.73
22 07 19 00-0977	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing.....	35.77	3.90
22 07 19 00-0978	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing.....	38.00	4.04
22 07 19 00-0979	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing.....	39.88	4.10

22 07 19 00-0980 Type 316 Stainless Steel Insulation Protective Jacketing For Fittings (22 07 19 00-**0924)**

22 07 19 00-0981	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	26.79	3.19
22 07 19 00-0982	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	27.10	3.27
22 07 19 00-0983	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	28.07	3.35
22 07 19 00-0984	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	28.42	3.43
22 07 19 00-0985	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	29.40	3.49
22 07 19 00-0986	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	30.52	3.55
22 07 19 00-0987	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	32.53	3.65
22 07 19 00-0988	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	38.70	3.72
22 07 19 00-0989	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	38.97	3.79
22 07 19 00-0990	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	40.12	3.93
22 07 19 00-0991	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	52.89	4.14

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 07 19 00-0992	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	57.35	4.36
22 07 19 00-0993	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	73.36	4.62
22 07 19 00-0994	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	73.80	4.73
22 07 19 00-0995	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	83.46	4.84
22 07 19 00-0996	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	84.18	5.02
22 07 19 00-0997	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	86.36	5.02
22 07 19 00-0998	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	121.41	5.15
22 07 19 00-0999	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	119.93	5.21
22 07 19 00-1000	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	120.21	5.28
22 07 19 00-1001	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	139.96	5.35
22 07 19 00-1002	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	134.86	5.42
22 07 19 00-1003	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	151.08	5.65
22 07 19 00-1004	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	201.61	5.90
22 07 19 00-1005	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	203.52	6.08
22 07 19 00-1006	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	24.45	3.19
22 07 19 00-1007	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	24.76	3.27
22 07 19 00-1008	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	25.98	3.35
22 07 19 00-1009	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	26.33	3.43
22 07 19 00-1010	EA	3-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	26.73	3.49
22 07 19 00-1011	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	26.97	3.55
22 07 19 00-1012	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	31.00	3.65
22 07 19 00-1013	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	37.89	3.72
22 07 19 00-1014	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	38.16	3.79
22 07 19 00-1015	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	38.45	3.86
22 07 19 00-1016	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	39.15	3.93
22 07 19 00-1017	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	39.96	4.14
22 07 19 00-1018	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	45.23	4.36
22 07 19 00-1019	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	46.22	4.62
22 07 19 00-1020	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	65.88	4.73
22 07 19 00-1021	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	67.31	4.84
22 07 19 00-1022	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	67.54	4.90
22 07 19 00-1023	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	76.19	5.02
22 07 19 00-1024	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	76.70	5.15
22 07 19 00-1025	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	86.74	5.21
22 07 19 00-1026	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	87.02	5.28
22 07 19 00-1027	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	100.60	5.35
22 07 19 00-1028	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	100.89	5.42
22 07 19 00-1029	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	108.61	5.65
22 07 19 00-1030	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	124.80	5.90

22 07 19 00-1031

Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0554)

22 07 19 00-1032

20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-1031)

22 07 19 00-1033	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.21	1.49
22 07 19 00-1034	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.53	1.55
22 07 19 00-1035	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.86	1.61
22 07 19 00-1036	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.21	1.67
22 07 19 00-1037	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.56	1.75
22 07 19 00-1038	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.96	1.82
22 07 19 00-1039	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.38	1.91
22 07 19 00-1040	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.83	2.01
22 07 19 00-1041	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.34	2.11
22 07 19 00-1042	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.89	2.23
22 07 19 00-1043	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.22	2.29
22 07 19 00-1044	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.55	2.36
22 07 19 00-1045	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.99	2.44
22 07 19 00-1046	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.24	2.49
22 07 19 00-1047	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.52	2.54
22 07 19 00-1048	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.79	2.59
22 07 19 00-1049	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.07	2.64
22 07 19 00-1050	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.35	2.69
22 07 19 00-1051	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.65	2.75
22 07 19 00-1052	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.96	2.81
22 07 19 00-1053	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	13.28	2.87
22 07 19 00-1054	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	13.60	2.93
22 07 19 00-1055	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	13.96	3.00
22 07 19 00-1056	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.20	3.04
22 07 19 00-1057	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.28	3.04
22 07 19 00-1058	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.54	3.09
22 07 19 00-1059	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.90	3.14
22 07 19 00-1060	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	15.24	3.19
22 07 19 00-1061	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	15.60	3.24
22 07 19 00-1062	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	15.97	3.29
22 07 19 00-1063	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	16.34	3.35
22 07 19 00-1064	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	16.71	3.40
22 07 19 00-1065	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	17.11	3.46
22 07 19 00-1066	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	17.51	3.52
22 07 19 00-1067	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	17.90	3.58
22 07 19 00-1068	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	18.32	3.65
22 07 19 00-1069	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	18.75	3.72
22 07 19 00-1070	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	19.16	3.79
22 07 19 00-1071	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	19.61	3.86
22 07 19 00-1072	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	20.07	3.93
22 07 19 00-1073	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	20.54	4.01
22 07 19 00-1074	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	21.02	4.09

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-1075		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-1031)	
22 07 19 00-1076	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.70 1.55
22 07 19 00-1077	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.07 1.61
22 07 19 00-1078	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.45 1.67
22 07 19 00-1079	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.85 1.75
22 07 19 00-1080	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.28 1.82
22 07 19 00-1081	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.73 1.91
22 07 19 00-1082	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.22 2.01
22 07 19 00-1083	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.77 2.11
22 07 19 00-1084	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.35 2.23
22 07 19 00-1085	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.71 2.29
22 07 19 00-1086	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.09 2.36
22 07 19 00-1087	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.57 2.44
22 07 19 00-1088	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.86 2.49
22 07 19 00-1089	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.17 2.54
22 07 19 00-1090	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.47 2.59
22 07 19 00-1091	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.79 2.64
22 07 19 00-1092	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.12 2.69
22 07 19 00-1093	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.45 2.75
22 07 19 00-1094	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.79 2.81
22 07 19 00-1095	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.15 2.87
22 07 19 00-1096	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.51 2.93
22 07 19 00-1097	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.90 3.00
22 07 19 00-1098	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.19 3.04
22 07 19 00-1099	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.31 3.04
22 07 19 00-1100	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.60 3.09
22 07 19 00-1101	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.02 3.14
22 07 19 00-1102	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.44 3.19
22 07 19 00-1103	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.87 3.24
22 07 19 00-1104	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.32 3.29
22 07 19 00-1105	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.76 3.35
22 07 19 00-1106	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.21 3.40
22 07 19 00-1107	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.68 3.46
22 07 19 00-1108	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.15 3.52
22 07 19 00-1109	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.62 3.58
22 07 19 00-1110	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.11 3.65
22 07 19 00-1111	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.61 3.72
22 07 19 00-1112	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.11 3.79
22 07 19 00-1113	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.62 3.86
22 07 19 00-1114	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.16 3.93
22 07 19 00-1115	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.70 4.01
22 07 19 00-1116	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.25 4.09

22 07 19 00-1117		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-1031)	
22 07 19 00-1118	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.51 2.98
22 07 19 00-1119	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.11 3.09
22 07 19 00-1120	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.40 3.14
22 07 19 00-1121	EA	2-1/2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.68 3.19
22 07 19 00-1122	EA	2-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.07 3.27
22 07 19 00-1123	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.46 3.35
22 07 19 00-1124	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.08 3.46
22 07 19 00-1125	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.58 3.55
22 07 19 00-1126	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.33 3.65
22 07 19 00-1127	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.38 3.82
22 07 19 00-1128	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.50 4.01
22 07 19 00-1129	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.11 4.22
22 07 19 00-1130	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.20 4.46
22 07 19 00-1131	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.09 4.62
22 07 19 00-1132	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	25.96 4.73
22 07 19 00-1133	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	26.77 4.84
22 07 19 00-1134	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.61 5.02
22 07 19 00-1135	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	33.60 5.21
22 07 19 00-1136	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	35.93 5.42
22 07 19 00-1137	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	38.92 5.65
22 07 19 00-1138	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	44.20 5.90
22 07 19 00-1139	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	47.86 6.08
22 07 19 00-1140	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	50.38 6.27
22 07 19 00-1141	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	53.10 6.37
22 07 19 00-1142	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	56.52 6.48
22 07 19 00-1143	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	65.83 6.58
22 07 19 00-1144	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	80.40 6.69
22 07 19 00-1145	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	96.14 6.81
22 07 19 00-1146	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.51 2.98
22 07 19 00-1147	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.11 3.09
22 07 19 00-1148	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.40 3.14
22 07 19 00-1149	EA	2-1/2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.68 3.19
22 07 19 00-1150	EA	2-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.07 3.27
22 07 19 00-1151	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.46 3.35
22 07 19 00-1152	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.08 3.46
22 07 19 00-1153	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.58 3.55
22 07 19 00-1154	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.33 3.65
22 07 19 00-1155	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.38 3.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1156	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	18.50	4.01	
22 07 19 00-1157	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	20.11	4.22	
22 07 19 00-1158	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	23.20	4.46	
22 07 19 00-1159	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	24.09	4.62	
22 07 19 00-1160	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	25.96	4.73	
22 07 19 00-1161	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	26.77	4.84	
22 07 19 00-1162	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	29.61	5.02	
22 07 19 00-1163	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	33.60	5.21	
22 07 19 00-1164	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	35.92	5.42	
22 07 19 00-1165	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	38.29	5.65	
22 07 19 00-1166	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	41.11	5.90	
22 07 19 00-1167	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	44.32	6.08	
22 07 19 00-1168	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	46.55	6.27	
22 07 19 00-1169	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	49.99	6.37	
22 07 19 00-1170	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	53.48	6.48	
22 07 19 00-1171	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	60.04	6.58	
22 07 19 00-1172	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	72.75	6.69	
22 07 19 00-1173	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	79.31	6.81	
22 07 19 00-1174	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	17.89	4.18	
22 07 19 00-1175	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	18.41	4.27	
22 07 19 00-1176	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	19.09	4.41	
22 07 19 00-1177	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	19.82	4.56	
22 07 19 00-1178	EA	2-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	20.62	4.73	
22 07 19 00-1179	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	21.46	4.90	
22 07 19 00-1180	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	22.48	5.08	
22 07 19 00-1181	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	23.58	5.28	
22 07 19 00-1182	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	24.89	5.50	
22 07 19 00-1183	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	26.55	5.73	
22 07 19 00-1184	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	28.30	5.99	
22 07 19 00-1185	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	31.26	6.37	
22 07 19 00-1186	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	34.34	6.69	
22 07 19 00-1187	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	36.58	6.81	
22 07 19 00-1188	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	43.31	7.04	
22 07 19 00-1189	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	46.34	7.43	
22 07 19 00-1190	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	51.09	7.72	
22 07 19 00-1191	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	55.95	8.02	
22 07 19 00-1192	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	57.56	8.37	
22 07 19 00-1193	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	60.95	8.54	
22 07 19 00-1194	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	64.36	8.73	
22 07 19 00-1195	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	67.84	8.92	
22 07 19 00-1196	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	71.31	9.12	
22 07 19 00-1197	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	74.84	9.33	
22 07 19 00-1198	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	78.39	9.55	
22 07 19 00-1199	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	83.37	9.79	
22 07 19 00-1200	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	88.37	10.03	
22 07 19 00-1201	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	94.30	10.30	
22 07 19 00-1202	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	16.36	2.87	
22 07 19 00-1203	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	16.36	2.87	
22 07 19 00-1204	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	18.08	2.98	
22 07 19 00-1205	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	18.08	2.98	
22 07 19 00-1206	EA	2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	22.12	3.09	
22 07 19 00-1207	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	23.69	3.21	
22 07 19 00-1208	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	25.53	3.35	
22 07 19 00-1209	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	28.03	3.49	
22 07 19 00-1210	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	30.27	3.65	
22 07 19 00-1211	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	35.54	4.01	
22 07 19 00-1212	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	46.61	4.46	
22 07 19 00-1213	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	51.41	5.02	
22 07 19 00-1214	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	61.50	5.35	
22 07 19 00-1215	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	81.27	5.90	
22 07 19 00-1216	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	82.47	6.17	
22 07 19 00-1217	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	104.05	6.37	
22 07 19 00-1218	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	134.36	6.58	
22 07 19 00-1219	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	15.82	2.87	
22 07 19 00-1220	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	15.82	2.87	
22 07 19 00-1221	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	17.43	2.98	
22 07 19 00-1222	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	17.43	2.98	
22 07 19 00-1223	EA	2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	21.05	3.09	
22 07 19 00-1224	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	22.50	3.21	
22 07 19 00-1225	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	24.23	3.35	
22 07 19 00-1226	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	25.41	3.49	
22 07 19 00-1227	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	28.54	3.65	
22 07 19 00-1228	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	33.39	4.01	
22 07 19 00-1229	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	43.46	4.46	
22 07 19 00-1230	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	47.95	5.02	
22 07 19 00-1231	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	57.10	5.35	
22 07 19 00-1232	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	74.97	5.90	
22 07 19 00-1233	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	91.51	6.17	
22 07 19 00-1234	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	106.42	6.37	
22 07 19 00-1235	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	121.84	6.58	
22 07 19 00-1236	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	23.63	4.31	
22 07 19 00-1237	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	23.63	4.31	
22 07 19 00-1238	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	25.89	4.46	
22 07 19 00-1239	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	25.89	4.46	
22 07 19 00-1240	EA	2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	31.14	4.62	

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 07 19 00-1241	EA	2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	33.23	4.78
22 07 19 00-1242	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	35.86	5.02
22 07 19 00-1243	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	37.59	5.21
22 07 19 00-1244	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	42.42	5.50
22 07 19 00-1245	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	46.47	5.99
22 07 19 00-1246	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	60.06	6.69
22 07 19 00-1247	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	65.83	7.43
22 07 19 00-1248	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	84.25	8.02
22 07 19 00-1249	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	109.84	8.73
22 07 19 00-1250	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	127.85	9.33
22 07 19 00-1251	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	146.81	9.55
22 07 19 00-1252	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	158.78	9.79

22 10 Plumbing Piping ⁽²²⁾

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution ^(22 10)

22 11 16 Domestic Water Piping ^(22 11)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies ^(22 11 16)

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	15.40	3.77
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.44	
		<i>For Work In Restricted Working Space, Add</i>	3.75	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.81	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	16.68	4.05
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.52	
		<i>For Work In Restricted Working Space, Add</i>	3.97	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	4.20	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	18.51	4.43
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.66	
		<i>For Work In Restricted Working Space, Add</i>	4.24	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	4.80	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	21.34	4.62
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.95	
		<i>For Work In Restricted Working Space, Add</i>	4.50	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	5.85	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	22.75	5.46
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-1.07	
		<i>For Work In Restricted Working Space, Add</i>	4.70	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	6.33	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	27.09	6.59
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-1.39	
		<i>For Work In Restricted Working Space, Add</i>	5.34	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	7.74	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	38.64	7.81
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-2.67	
		<i>For Work In Restricted Working Space, Add</i>	6.26	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	12.17	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	47.08	10.45
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-3.27	
		<i>For Work In Restricted Working Space, Add</i>	7.59	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	14.86	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	71.19	11.74
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-6.56	
		<i>For Work In Restricted Working Space, Add</i>	8.23	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	25.18	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	139.00	15.01
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-15.88	
		<i>For Work In Restricted Working Space, Add</i>	9.94	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	54.27	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	154.98		17.75
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		For ASTM 120, Deduct	-17.60		
		For Work In Restricted Working Space, Add	11.30		
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	60.33		
22 11 16 00-0013		Galvanized Steel Pipe And Threaded Fittings <small>(22 11 16)</small>			
		Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.			
22 11 16 00-0014		Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>			
		Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.			
22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	6.85		3.77
		For ASTM 120, Deduct	-0.17		
		For Work In Restricted Working Space, Add	1.71		
		For Schedule 80 Pipe, Add	1.12		
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	7.59		4.05
		For ASTM 120, Deduct	-0.23		
		For Work In Restricted Working Space, Add	1.82		
		For Schedule 80 Pipe, Add	1.34		
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	8.84		4.43
		For ASTM 120, Deduct	-0.34		
		For Work In Restricted Working Space, Add	1.98		
		For Schedule 80 Pipe, Add	1.74		
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	10.03		4.62
		For ASTM 120, Deduct	-0.46		
		For Work In Restricted Working Space, Add	2.09		
		For Schedule 80 Pipe, Add	2.16		
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.84		5.46
		For ASTM 120, Deduct	-0.55		
		For Work In Restricted Working Space, Add	2.46		
		For Schedule 80 Pipe, Add	2.57		
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	14.82		6.59
		For ASTM 120, Deduct	-0.74		
		For Work In Restricted Working Space, Add	2.98		
		For Schedule 80 Pipe, Add	3.34		
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	19.54		7.81
		For ASTM 120, Deduct	-1.17		
		For Work In Restricted Working Space, Add	3.53		
		For Schedule 80 Pipe, Add	4.91		
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	25.87		10.45
		For ASTM 120, Deduct	-1.53		
		For Work In Restricted Working Space, Add	4.71		
		For Schedule 80 Pipe, Add	6.45		
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	32.13		11.74
		For ASTM 120, Deduct	-2.17		
		For Work In Restricted Working Space, Add	5.30		
		For Schedule 80 Pipe, Add	8.71		
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	41.88		15.01
		For ASTM 120, Deduct	-2.91		
		For Work In Restricted Working Space, Add	6.74		
		For Schedule 80 Pipe, Add	11.56		
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	51.76		17.75
		For ASTM 120, Deduct	-3.78		
		For Work In Restricted Working Space, Add	7.97		
		For Schedule 80 Pipe, Add	14.74		
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	59.30		21.45
		For ASTM 120, Deduct	-4.08		
		For Work In Restricted Working Space, Add	9.63		
		For Schedule 80 Pipe, Add	16.27		
22 11 16 00-0027		Seamless, Threaded And Coupled, Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>			
		Note: ASTM A-53. Includes coupling.			
22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	9.67		3.77
		For ASTM 120, Deduct	-0.60		
		For Work In Restricted Working Space, Add	1.71		
		For Schedule 80 Pipe, Add	2.48		
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	10.83		4.05
		For ASTM 120, Deduct	-0.71		
		For Work In Restricted Working Space, Add	1.82		
		For Schedule 80 Pipe, Add	2.89		
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	12.12		4.43
		For ASTM 120, Deduct	-0.83		
		For Work In Restricted Working Space, Add	1.98		
		For Schedule 80 Pipe, Add	3.31		
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	13.93		4.62
		For ASTM 120, Deduct	-1.04		
		For Work In Restricted Working Space, Add	2.09		
		For Schedule 80 Pipe, Add	4.03		
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	16.13		5.46
		For ASTM 120, Deduct	-1.19		
		For Work In Restricted Working Space, Add	2.46		
		For Schedule 80 Pipe, Add	4.63		
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	18.96		6.59
		For ASTM 120, Deduct	-1.36		
		For Work In Restricted Working Space, Add	2.98		
		For Schedule 80 Pipe, Add	5.33		

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22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0034	LF		2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	26.90	7.81
			For ASTM 120, Deduct	-2.27	
			For Work In Restricted Working Space, Add	3.53	
			For Schedule 80 Pipe, Add	8.44	
22 11 16 00-0035	LF		3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe.....	34.20	10.45
			For ASTM 120, Deduct	-2.78	
			For Work In Restricted Working Space, Add	4.71	
			For Schedule 80 Pipe, Add	10.45	
22 11 16 00-0036	LF		4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe.....	44.11	11.74
			For ASTM 120, Deduct	-3.97	
			For Work In Restricted Working Space, Add	5.30	
			For Schedule 80 Pipe, Add	14.46	
22 11 16 00-0037	LF		5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe.....	56.99	15.01
			For ASTM 120, Deduct	-5.18	
			For Work In Restricted Working Space, Add	6.74	
			For Schedule 80 Pipe, Add	18.82	
22 11 16 00-0038	LF		6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe.....	70.74	17.75
			For ASTM 120, Deduct	-6.62	
			For Work In Restricted Working Space, Add	7.97	
			For Schedule 80 Pipe, Add	23.85	
22 11 16 00-0039			Galvanized Malleable Iron 90 Degree Elbows (22 11 16 00-0013)		
22 11 16 00-0040	EA		1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	29.84	16.77
			For ASTM 120, Deduct	-0.71	
			For Work In Restricted Working Space, Add	7.53	
			For 300 LB Rating, Add	17.59	
22 11 16 00-0041	EA		3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	33.92	18.74
			For ASTM 120, Deduct	-0.87	
			For Work In Restricted Working Space, Add	8.43	
			For 300 LB Rating, Add	21.44	
22 11 16 00-0042	EA		1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	42.15	20.91
			For ASTM 120, Deduct	-1.61	
			For Work In Restricted Working Space, Add	9.42	
			For 300 LB Rating, Add	38.47	
22 11 16 00-0043	EA		1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	52.54	23.74
			For ASTM 120, Deduct	-2.55	
			For Work In Restricted Working Space, Add	10.66	
			For 300 LB Rating, Add	59.97	
22 11 16 00-0044	EA		1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	62.27	26.74
			For ASTM 120, Deduct	-3.33	
			For Work In Restricted Working Space, Add	12.02	
			For 300 LB Rating, Add	77.88	
22 11 16 00-0045	EA		2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	87.26	34.00
			For ASTM 120, Deduct	-5.45	
			For Work In Restricted Working Space, Add	15.27	
			For 300 LB Rating, Add	126.68	
22 11 16 00-0046	EA		2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	170.47	50.29
			For ASTM 120, Deduct	-14.27	
			For Work In Restricted Working Space, Add	22.60	
			For 300 LB Rating, Add	327.96	
22 11 16 00-0047	EA		3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	255.98	66.11
			For ASTM 120, Deduct	-23.53	
			For Work In Restricted Working Space, Add	29.74	
			For 300 LB Rating, Add	539.24	
22 11 16 00-0048	EA		4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	379.63	68.68
			For ASTM 120, Deduct	-41.50	
			For Work In Restricted Working Space, Add	30.90	
			For 300 LB Rating, Add	946.76	
22 11 16 00-0049	EA		5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	1,302.16	71.68
			For ASTM 120, Deduct	-179.20	
			For Work In Restricted Working Space, Add	32.24	
			For 300 LB Rating, Add	4,068.39	
22 11 16 00-0050	EA		6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	1,213.72	74.94
			For ASTM 120, Deduct	-165.21	
			For Work In Restricted Working Space, Add	33.71	
			For 300 LB Rating, Add	3,751.40	
22 11 16 00-0051	EA		8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow.....	1,446.13	78.31
			For ASTM 120, Deduct	-199.31	
			For Work In Restricted Working Space, Add	35.22	
			For 300 LB Rating, Add	4,524.73	
22 11 16 00-0052			Galvanized Malleable Iron Reducing 90 Degree Elbows (22 11 16 00-0013)		
22 11 16 00-0053	EA		3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	36.71	17.70
			For ASTM 120, Deduct	-1.52	
			For Work In Restricted Working Space, Add	7.98	
22 11 16 00-0054	EA		1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	42.71	19.87
			For ASTM 120, Deduct	-1.94	
			For Work In Restricted Working Space, Add	8.93	
22 11 16 00-0055	EA		1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	42.00	18.84
			For ASTM 120, Deduct	-2.06	
			For Work In Restricted Working Space, Add	8.48	
22 11 16 00-0056	EA		1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.21	22.32
			For ASTM 120, Deduct	-3.26	
			For Work In Restricted Working Space, Add	10.04	
22 11 16 00-0057	EA		1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	57.94	21.19
			For ASTM 120, Deduct	-3.92	
			For Work In Restricted Working Space, Add	9.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA		1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	58.00	20.25
			<i>For ASTM 120, Deduct</i>	-4.15	
			<i>For Work In Restricted Working Space, Add</i>	9.10	
22 11 16 00-0059	EA		1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	72.55	25.23
			<i>For ASTM 120, Deduct</i>	-5.21	
			<i>For Work In Restricted Working Space, Add</i>	11.34	
22 11 16 00-0060	EA		1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	70.47	23.83
			<i>For ASTM 120, Deduct</i>	-5.21	
			<i>For Work In Restricted Working Space, Add</i>	10.72	
22 11 16 00-0061	EA		1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	68.85	22.70
			<i>For ASTM 120, Deduct</i>	-5.21	
			<i>For Work In Restricted Working Space, Add</i>	10.23	
22 11 16 00-0062	EA		2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	86.09	30.32
			<i>For ASTM 120, Deduct</i>	-6.09	
			<i>For Work In Restricted Working Space, Add</i>	13.65	
22 11 16 00-0063	EA		2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	89.76	28.82
			<i>For ASTM 120, Deduct</i>	-6.98	
			<i>For Work In Restricted Working Space, Add</i>	12.97	
22 11 16 00-0064	EA		2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	89.44	27.41
			<i>For ASTM 120, Deduct</i>	-7.24	
			<i>For Work In Restricted Working Space, Add</i>	12.35	
22 11 16 00-0065	EA		2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	76.14	26.37
			<i>For ASTM 120, Deduct</i>	-5.49	
			<i>For Work In Restricted Working Space, Add</i>	11.85	
22 11 16 00-0066	EA		2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	200.72	42.09
			<i>For ASTM 120, Deduct</i>	-20.64	
			<i>For Work In Restricted Working Space, Add</i>	18.94	
22 11 16 00-0067	EA		2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	211.02	38.52
			<i>For ASTM 120, Deduct</i>	-23.00	
			<i>For Work In Restricted Working Space, Add</i>	17.31	
22 11 16 00-0068	EA		3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	337.33	58.20
			<i>For ASTM 120, Deduct</i>	-37.52	
			<i>For Work In Restricted Working Space, Add</i>	26.17	
22 11 16 00-0069	EA		3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	292.24	50.01
			<i>For ASTM 120, Deduct</i>	-32.58	
			<i>For Work In Restricted Working Space, Add</i>	22.51	
22 11 16 00-0070	EA		4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	663.91	65.32
			<i>For ASTM 120, Deduct</i>	-84.89	
			<i>For Work In Restricted Working Space, Add</i>	29.39	
22 11 16 00-0071			Galvanized Malleable Iron 45 Degree Elbow <small>(22 11 16 00-0013)</small>		
22 11 16 00-0072	EA		1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	30.68	16.77
			<i>For ASTM 120, Deduct</i>	-0.84	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For 300 LB Rating, Add</i>	20.44	
22 11 16 00-0073	EA		3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	36.12	18.74
			<i>For ASTM 120, Deduct</i>	-1.20	
			<i>For Work In Restricted Working Space, Add</i>	8.43	
			<i>For 300 LB Rating, Add</i>	28.92	
22 11 16 00-0074	EA		1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	40.43	20.91
			<i>For ASTM 120, Deduct</i>	-1.36	
			<i>For Work In Restricted Working Space, Add</i>	9.42	
			<i>For 300 LB Rating, Add</i>	32.62	
22 11 16 00-0075	EA		1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	52.42	23.74
			<i>For ASTM 120, Deduct</i>	-2.53	
			<i>For Work In Restricted Working Space, Add</i>	10.66	
			<i>For 300 LB Rating, Add</i>	59.56	
22 11 16 00-0076	EA		1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	59.92	26.74
			<i>For ASTM 120, Deduct</i>	-2.98	
			<i>For Work In Restricted Working Space, Add</i>	12.02	
			<i>For 300 LB Rating, Add</i>	69.89	
22 11 16 00-0077	EA		2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	80.27	34.00
			<i>For ASTM 120, Deduct</i>	-4.41	
			<i>For Work In Restricted Working Space, Add</i>	15.27	
			<i>For 300 LB Rating, Add</i>	102.91	
22 11 16 00-0078	EA		2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	177.51	50.29
			<i>For ASTM 120, Deduct</i>	-15.33	
			<i>For Work In Restricted Working Space, Add</i>	22.60	
			<i>For 300 LB Rating, Add</i>	351.90	
22 11 16 00-0079	EA		3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	247.73	66.11
			<i>For ASTM 120, Deduct</i>	-22.29	
			<i>For Work In Restricted Working Space, Add</i>	29.74	
			<i>For 300 LB Rating, Add</i>	511.19	
22 11 16 00-0080	EA		4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	352.11	68.68
			<i>For ASTM 120, Deduct</i>	-37.37	
			<i>For Work In Restricted Working Space, Add</i>	30.90	
			<i>For 300 LB Rating, Add</i>	853.19	
22 11 16 00-0081	EA		5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,114.11	71.68
			<i>For ASTM 120, Deduct</i>	-151.00	
			<i>For Work In Restricted Working Space, Add</i>	32.24	
			<i>For 300 LB Rating, Add</i>	3,429.02	
22 11 16 00-0082	EA		6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,326.12	74.94
			<i>For ASTM 120, Deduct</i>	-182.07	
			<i>For Work In Restricted Working Space, Add</i>	33.71	
			<i>For 300 LB Rating, Add</i>	4,133.56	
22 11 16 00-0083	EA		8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,579.64	78.31
			<i>For ASTM 120, Deduct</i>	-219.34	
			<i>For Work In Restricted Working Space, Add</i>	35.22	
			<i>For 300 LB Rating, Add</i>	4,978.66	

22	Plumbing
22 10	Plumbing Piping
22 11	Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0084			Galvanized Malleable Iron Tees (22 11 16 00-0013)		
22 11 16 00-0085	EA		1/2", 150 LB, Galvanized Malleable Iron Tee.....	35.70	20.91
			For ASTM 120, Deduct	-0.65	
			For Work In Restricted Working Space, Add	9.42	
			For 300 LB Rating, Add	16.54	
22 11 16 00-0086	EA		3/4", 150 LB, Galvanized Malleable Iron Tee.....	43.33	24.20
			For ASTM 120, Deduct	-1.07	
			For Work In Restricted Working Space, Add	10.87	
			For 300 LB Rating, Add	26.35	
22 11 16 00-0087	EA		1", 150 LB, Galvanized Malleable Iron Tee.....	54.30	28.53
			For ASTM 120, Deduct	-1.72	
			For Work In Restricted Working Space, Add	12.84	
			For 300 LB Rating, Add	41.63	
22 11 16 00-0088	EA		1-1/4", 150 LB, Galvanized Malleable Iron Tee.....	69.14	34.00
			For ASTM 120, Deduct	-2.74	
			For Work In Restricted Working Space, Add	15.27	
			For 300 LB Rating, Add	65.07	
22 11 16 00-0089	EA		1-1/2", 150 LB, Galvanized Malleable Iron Tee.....	83.43	40.49
			For ASTM 120, Deduct	-3.40	
			For Work In Restricted Working Space, Add	18.23	
			For 300 LB Rating, Add	80.72	
22 11 16 00-0090	EA		2", 150 LB, Galvanized Malleable Iron Tee.....	112.20	50.29
			For ASTM 120, Deduct	-5.53	
			For Work In Restricted Working Space, Add	22.60	
			For 300 LB Rating, Add	129.84	
22 11 16 00-0091	EA		2-1/2", 150 LB, Galvanized Malleable Iron Tee.....	185.66	54.62
			For ASTM 120, Deduct	-15.57	
			For Work In Restricted Working Space, Add	24.57	
			For 300 LB Rating, Add	357.73	
22 11 16 00-0092	EA		3", 150 LB, Galvanized Malleable Iron Tee.....	220.82	66.11
			For ASTM 120, Deduct	-18.25	
			For Work In Restricted Working Space, Add	29.74	
			For 300 LB Rating, Add	419.69	
22 11 16 00-0093	EA		4", 150 LB, Galvanized Malleable Iron Tee.....	417.96	86.77
			For ASTM 120, Deduct	-43.18	
			For Work In Restricted Working Space, Add	39.03	
			For 300 LB Rating, Add	986.56	
22 11 16 00-0094	EA		5", 150 LB, Galvanized Malleable Iron Tee.....	1,059.37	103.02
			For ASTM 120, Deduct	-135.73	
			For Work In Restricted Working Space, Add	46.34	
			For 300 LB Rating, Add	3,085.89	
22 11 16 00-0095	EA		6", 150 LB, Galvanized Malleable Iron Tee.....	1,202.91	117.76
			For ASTM 120, Deduct	-153.95	
			For Work In Restricted Working Space, Add	52.97	
			For 300 LB Rating, Add	3,500.22	
22 11 16 00-0096	EA		8", 150 LB, Galvanized Malleable Iron Tee.....	1,431.37	139.83
			For ASTM 120, Deduct	-182.93	
			For Work In Restricted Working Space, Add	63.56	
			For 300 LB Rating, Add	4,159.01	
22 11 16 00-0097			Galvanized Malleable Iron Reducing Tee (22 11 16 00-0013)		
22 11 16 00-0098	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	41.41	20.91
			For ASTM 120, Deduct	-1.50	
			For Work In Restricted Working Space, Add	9.42	
			For 300 LB Rating, Add	35.95	
22 11 16 00-0099	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	46.10	24.20
			For ASTM 120, Deduct	-1.48	
			For Work In Restricted Working Space, Add	10.87	
			For 300 LB Rating, Add	35.77	
22 11 16 00-0100	EA		1", 150 LB, Galvanized Malleable Iron Reducing Tee.....	56.70	28.53
			For ASTM 120, Deduct	-2.08	
			For Work In Restricted Working Space, Add	12.84	
			For 300 LB Rating, Add	49.79	
22 11 16 00-0101	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	72.43	34.00
			For ASTM 120, Deduct	-3.23	
			For Work In Restricted Working Space, Add	15.27	
			For 300 LB Rating, Add	76.26	
22 11 16 00-0102	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	87.36	40.49
			For ASTM 120, Deduct	-3.99	
			For Work In Restricted Working Space, Add	18.23	
			For 300 LB Rating, Add	94.09	
22 11 16 00-0103	EA		2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	114.17	50.29
			For ASTM 120, Deduct	-5.82	
			For Work In Restricted Working Space, Add	22.60	
			For 300 LB Rating, Add	136.54	
22 11 16 00-0104	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	219.30	54.81
			For ASTM 120, Deduct	-20.57	
			For Work In Restricted Working Space, Add	24.65	
			For 300 LB Rating, Add	471.24	
22 11 16 00-0105	EA		3", 150 LB, Galvanized Malleable Iron Reducing Tee.....	278.57	67.15
			For ASTM 120, Deduct	-26.68	
			For Work In Restricted Working Space, Add	30.21	
			For 300 LB Rating, Add	610.80	
22 11 16 00-0106	EA		4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	645.72	86.77
			For ASTM 120, Deduct	-77.34	
			For Work In Restricted Working Space, Add	39.03	
			For 300 LB Rating, Add	1,760.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0107	EA		5", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,854.00 -254.93 46.34 5,787.64	103.02
22 11 16 00-0108	EA		6", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,533.08 -203.48 52.97 4,622.80	117.76
22 11 16 00-0109	EA		8", 150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,838.66 -245.34 60.91 5,573.29	135.22
22 11 16 00-0110 Galvanized Malleable Iron Couplings (22 11 16 00-0013)					
22 11 16 00-0111	EA		1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	29.27 -0.62 7.53 15.65	16.77
22 11 16 00-0112	EA		3/4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	32.90 -0.72 8.43 17.97	18.74
22 11 16 00-0113	EA		1", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	39.24 -1.18 9.42 28.57	20.91
22 11 16 00-0114	EA		1-1/4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	46.61 -1.66 10.66 39.80	23.74
22 11 16 00-0115	EA		1-1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	52.66 -1.89 12.02 45.21	26.74
22 11 16 00-0116	EA		2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	69.31 -2.76 15.27 65.65	34.00
22 11 16 00-0117	EA		2-1/2", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	131.70 -8.45 22.60 196.14	50.29
22 11 16 00-0118	EA		3", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	174.46 -11.30 29.74 262.07	66.11
22 11 16 00-0119	EA		4", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	262.97 -24.00 30.90 550.11	68.68
22 11 16 00-0120	EA		5", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	557.94 -67.57 32.24 1,538.05	71.68
22 11 16 00-0121	EA		6", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	625.55 -76.98 33.71 1,751.62	74.94
22 11 16 00-0122	EA		8", 150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	735.92 -92.78 35.22 2,110.01	78.31
22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings (22 11 16 00-0013)					
22 11 16 00-0124	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	30.16 -0.76 7.53 18.68	16.77
22 11 16 00-0125	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	33.50 -0.81 8.43 20.01	18.74
22 11 16 00-0126	EA		1", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	40.38 -1.35 9.42 32.45	20.91
22 11 16 00-0127	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	47.16 -1.74 10.66 41.67	23.74
22 11 16 00-0128	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	55.07 -2.25 12.02 53.40	26.74
22 11 16 00-0129	EA		2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	71.35 -3.07 15.27 72.58	34.00

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0130	EA 2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	132.41 -8.56 22.60 198.56	50.29
22 11 16 00-0131	EA 3", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	172.32 -10.98 29.74 254.79	66.11
22 11 16 00-0132	EA 4", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	267.09 -24.62 30.90 564.12	68.68
22 11 16 00-0133	EA 5", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	581.65 -71.13 32.24 1,618.66	71.68
22 11 16 00-0134	EA 6", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	652.56 -81.03 33.71 1,843.46	74.94
22 11 16 00-0135	EA 8", 150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	768.71 -97.70 35.22 2,221.50	78.31
22 11 16 00-0136	Galvanized Malleable Iron Caps (22 11 16 00-0013)		
22 11 16 00-0137	EA 1/2", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	14.00 -0.33 3.53 8.29	7.81
22 11 16 00-0138	EA 3/4", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	15.64 -0.46 3.77 11.26	8.38
22 11 16 00-0139	EA 1", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	18.32 -0.57 4.35 13.89	9.70
22 11 16 00-0140	EA 1-1/4", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	20.23 -0.76 4.56 18.05	10.17
22 11 16 00-0141	EA 1-1/2", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	19.92 -0.71 4.56 16.99	10.17
22 11 16 00-0142	EA 2", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	30.37 -1.52 6.08 35.59	13.47
22 11 16 00-0143	EA 2-1/2", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	47.80 -3.40 7.53 78.65	16.77
22 11 16 00-0144	EA 3", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	62.68 -4.85 9.11 111.68	20.25
22 11 16 00-0145	EA 4", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	95.71 -9.06 10.59 207.48	23.57
22 11 16 00-0146	EA 5", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	244.64 -30.08 13.24 684.35	29.48
22 11 16 00-0147	EA 6", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	305.29 -37.91 15.78 862.34	35.04
22 11 16 00-0148	EA 8", 150 LB, Galvanized Malleable Iron Cap <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	386.20 -49.12 17.61 1,116.99	39.16
22 11 16 00-0149	Galvanized Malleable Iron Unions (22 11 16 00-0013)		
22 11 16 00-0150	EA 1/2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	47.72 9.42	20.91
22 11 16 00-0151	EA 3/4", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	54.98 10.87	24.20
22 11 16 00-0152	EA 1", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	67.38 12.84	28.53
22 11 16 00-0153	EA 1-1/4", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	86.42 15.27	34.00
22 11 16 00-0154	EA 1-1/2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	103.80 18.23	40.49
22 11 16 00-0155	EA 2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	124.82 22.60	50.29

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0156	EA		2-1/2", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	283.09 33.37	74.12
22 11 16 00-0157	EA		3", 150 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	386.89 43.90	97.47
22 11 16 00-0158	EA		1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	64.59 9.42	20.91
22 11 16 00-0159	EA		3/4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	66.39 10.87	24.20
22 11 16 00-0160	EA		1", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	80.21 12.84	28.53
22 11 16 00-0161	EA		1-1/4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	107.54 15.27	34.00
22 11 16 00-0162	EA		1-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	125.96 18.23	40.49
22 11 16 00-0163	EA		2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	167.42 22.60	50.29
22 11 16 00-0164	EA		2-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	353.45 33.37	74.12
22 11 16 00-0165	EA		3", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	517.99 43.90	97.47
22 11 16 00-0166	EA		4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	735.02 45.61	101.34
22 11 16 00-0167	EA		1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	69.22 9.42	20.91
22 11 16 00-0168	EA		3/4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	77.24 10.87	24.20
22 11 16 00-0169	EA		1", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	97.23 12.84	28.53
22 11 16 00-0170	EA		1-1/4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	126.78 15.27	34.00
22 11 16 00-0171	EA		1-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	152.13 18.23	40.49
22 11 16 00-0172	EA		2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	185.01 22.60	50.29
22 11 16 00-0173	EA		2-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	417.13 33.37	74.12
22 11 16 00-0174	EA		3", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	663.72 43.90	97.47
22 11 16 00-0175	EA		4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	1,449.63 45.61	101.34
22 11 16 00-0176			Galvanized Steel Nipples (22 11 16 00-0013) Note: ASTM A-53.		
22 11 16 00-0177	EA		3/8" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.16 -0.26 4.04 1.94	8.95
22 11 16 00-0178	EA		1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.84 -0.21 4.04 1.57	8.95
22 11 16 00-0179	EA		3/4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.14 -0.25 4.04 1.92	8.95
22 11 16 00-0180	EA		1" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.79 -0.35 4.35 2.62	9.70
22 11 16 00-0181	EA		1-1/4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.78 -0.46 4.71 3.51	10.45
22 11 16 00-0182	EA		1-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.32 -0.54 4.71 4.13	10.45
22 11 16 00-0183	EA		2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	25.36 -0.77 6.08 5.81	13.47
22 11 16 00-0184	EA		2-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	40.29 -2.28 7.53 17.31	16.77
22 11 16 00-0185	EA		3" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	48.56 -2.73 9.11 20.74	20.25
22 11 16 00-0186	EA		4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	62.57 -4.09 10.59 31.08	23.57
22 11 16 00-0187	EA		3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.42 -0.29 4.04 2.23	8.95

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0188	EA 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.91 -0.22 4.04 1.65	8.95
22 11 16 00-0189	EA 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.28 -0.27 4.04 2.07	8.95
22 11 16 00-0190	EA 3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.42 -0.29 4.04 2.23	8.95
22 11 16 00-0191	EA 1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.91 -0.22 4.04 1.65	8.95
22 11 16 00-0192	EA 3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.28 -0.27 4.04 2.07	8.95
22 11 16 00-0193	EA 1" x 2" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	17.20 -0.41 4.35 3.09	9.70
22 11 16 00-0194	EA 1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.01 -0.50 4.71 3.77	10.45
22 11 16 00-0195	EA 1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.58 -0.58 4.71 4.42	10.45
22 11 16 00-0196	EA 3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	16.07 -0.39 4.04 2.98	8.95
22 11 16 00-0197	EA 1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.16 -0.26 4.04 1.94	8.95
22 11 16 00-0198	EA 3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.48 -0.30 4.04 2.30	8.95
22 11 16 00-0199	EA 1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	17.43 -0.44 4.35 3.35	9.70
22 11 16 00-0200	EA 1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.33 -0.54 4.71 4.14	10.45
22 11 16 00-0201	EA 1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	20.03 -0.65 4.71 4.94	10.45
22 11 16 00-0202	EA 2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	26.00 -0.86 6.08 6.54	13.47
22 11 16 00-0203	EA 3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	16.07 -0.39 4.04 2.98	8.95
22 11 16 00-0204	EA 1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.16 -0.26 4.04 1.94	8.95
22 11 16 00-0205	EA 3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.48 -0.30 4.04 2.30	8.95
22 11 16 00-0206	EA 1" x 3" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	17.43 -0.44 4.35 3.35	9.70
22 11 16 00-0207	EA 1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.33 -0.54 4.71 4.14	10.45
22 11 16 00-0208	EA 1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	20.03 -0.65 4.71 4.94	10.45
22 11 16 00-0209	EA 2" x 3" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	26.00 -0.86 6.08 6.54	13.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0210	EA		2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	40.87 -2.36 7.53 17.97	16.77
22 11 16 00-0211	EA		3" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	51.06 -3.10 9.11 23.59	20.25
22 11 16 00-0212	EA		3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.56 -0.47 4.04 3.53	8.95
22 11 16 00-0213	EA		1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.56 -0.32 4.04 2.39	8.95
22 11 16 00-0214	EA		3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.07 -0.39 4.04 2.98	8.95
22 11 16 00-0215	EA		1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.02 -0.53 4.35 4.02	9.70
22 11 16 00-0216	EA		1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.03 -0.65 4.71 4.94	10.45
22 11 16 00-0217	EA		1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	21.17 -0.82 4.71 6.24	10.45
22 11 16 00-0218	EA		2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.23 -1.05 6.08 7.95	13.47
22 11 16 00-0219	EA		2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	43.40 -2.74 7.53 20.85	16.77
22 11 16 00-0220	EA		3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	54.65 -3.64 9.11 27.68	20.25
22 11 16 00-0221	EA		3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.56 -0.47 4.04 3.53	8.95
22 11 16 00-0222	EA		1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.56 -0.32 4.04 2.39	8.95
22 11 16 00-0223	EA		3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.56 -0.47 4.04 3.53	8.95
22 11 16 00-0224	EA		1" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.02 -0.53 4.35 4.02	9.70
22 11 16 00-0225	EA		1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.03 -0.65 4.71 4.94	10.45
22 11 16 00-0226	EA		1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	21.17 -0.82 4.71 6.24	10.45
22 11 16 00-0227	EA		2" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.29 -1.05 6.08 8.01	13.47
22 11 16 00-0228	EA		2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	43.40 -2.74 7.53 20.85	16.77
22 11 16 00-0229	EA		3" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	54.65 -3.64 9.11 27.68	20.25
22 11 16 00-0230	EA		4" x 4" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	67.91 -4.89 10.59 37.16	23.57
22 11 16 00-0231	EA		3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	17.73 -0.64 4.04 4.87	8.95

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0232	EA		1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.99	8.95
			<i>For ASTM 120, Deduct</i>	-0.38	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	2.88	
22 11 16 00-0233	EA		3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.57	8.95
			<i>For ASTM 120, Deduct</i>	-0.47	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	3.55	
22 11 16 00-0234	EA		1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.82	9.70
			<i>For ASTM 120, Deduct</i>	-0.65	
			<i>For Work In Restricted Working Space, Add</i>	4.35	
			<i>For Schedule 80 Nipples, Add</i>	4.94	
22 11 16 00-0235	EA		1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.05	10.45
			<i>For ASTM 120, Deduct</i>	-0.80	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	6.10	
22 11 16 00-0236	EA		1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.31	10.45
			<i>For ASTM 120, Deduct</i>	-0.99	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	7.54	
22 11 16 00-0237	EA		2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	29.15	13.47
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
			<i>For Schedule 80 Nipples, Add</i>	10.13	
22 11 16 00-0238	EA		2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	45.51	16.77
			<i>For ASTM 120, Deduct</i>	-3.06	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For Schedule 80 Nipples, Add</i>	23.26	
22 11 16 00-0239	EA		3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	58.67	20.25
			<i>For ASTM 120, Deduct</i>	-4.25	
			<i>For Work In Restricted Working Space, Add</i>	9.11	
			<i>For Schedule 80 Nipples, Add</i>	32.26	
22 11 16 00-0240	EA		4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	71.87	23.57
			<i>For ASTM 120, Deduct</i>	-5.48	
			<i>For Work In Restricted Working Space, Add</i>	10.59	
			<i>For Schedule 80 Nipples, Add</i>	41.68	
22 11 16 00-0241	EA		3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	17.73	8.95
			<i>For ASTM 120, Deduct</i>	-0.64	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	4.87	
22 11 16 00-0242	EA		1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	15.99	8.95
			<i>For ASTM 120, Deduct</i>	-0.38	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	2.88	
22 11 16 00-0243	EA		3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	16.57	8.95
			<i>For ASTM 120, Deduct</i>	-0.47	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	3.55	
22 11 16 00-0244	EA		1" x 5" Long, Schedule 40 Galvanized Steel Nipple	18.82	9.70
			<i>For ASTM 120, Deduct</i>	-0.65	
			<i>For Work In Restricted Working Space, Add</i>	4.35	
			<i>For Schedule 80 Nipples, Add</i>	4.94	
22 11 16 00-0245	EA		1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	21.05	10.45
			<i>For ASTM 120, Deduct</i>	-0.80	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	6.10	
22 11 16 00-0246	EA		1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	22.31	10.45
			<i>For ASTM 120, Deduct</i>	-0.99	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	7.54	
22 11 16 00-0247	EA		2" x 5" Long, Schedule 40 Galvanized Steel Nipple	29.15	13.47
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
			<i>For Schedule 80 Nipples, Add</i>	10.13	
22 11 16 00-0248	EA		2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	45.51	16.77
			<i>For ASTM 120, Deduct</i>	-3.06	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For Schedule 80 Nipples, Add</i>	23.26	
22 11 16 00-0249	EA		3" x 5" Long, Schedule 40 Galvanized Steel Nipple	58.67	20.25
			<i>For ASTM 120, Deduct</i>	-4.25	
			<i>For Work In Restricted Working Space, Add</i>	9.11	
			<i>For Schedule 80 Nipples, Add</i>	32.26	
22 11 16 00-0250	EA		4" x 5" Long, Schedule 40 Galvanized Steel Nipple	71.87	23.57
			<i>For ASTM 120, Deduct</i>	-5.48	
			<i>For Work In Restricted Working Space, Add</i>	10.59	
			<i>For Schedule 80 Nipples, Add</i>	41.68	
22 11 16 00-0251	EA		3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	18.20	8.95
			<i>For ASTM 120, Deduct</i>	-0.71	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	5.40	
22 11 16 00-0252	EA		1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	16.34	8.95
			<i>For ASTM 120, Deduct</i>	-0.43	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	3.28	
22 11 16 00-0253	EA		3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	17.20	8.95
			<i>For ASTM 120, Deduct</i>	-0.56	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	4.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0254	EA		1" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.40 -0.74 4.35 5.60	9.70
22 11 16 00-0255	EA		1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	21.91 -0.93 4.71 7.08	10.45
22 11 16 00-0256	EA		1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.14 -1.12 4.71 8.48	10.45
22 11 16 00-0257	EA		2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	30.59 -1.55 6.08 11.78	13.47
22 11 16 00-0258	EA		2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	47.52 -3.36 7.53 25.55	16.77
22 11 16 00-0259	EA		3" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	60.30 -4.49 9.11 34.12	20.25
22 11 16 00-0260	EA		4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	75.72 -6.06 10.59 46.07	23.57
22 11 16 00-0261	EA		3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	32.42 -2.84 4.04 21.61	8.95
22 11 16 00-0262	EA		1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	18.53 -0.76 4.04 5.78	8.95
22 11 16 00-0263	EA		3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.94 -0.97 4.04 7.39	8.95
22 11 16 00-0264	EA		1" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.70 -1.23 4.35 9.36	9.70
22 11 16 00-0265	EA		1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	25.77 -1.51 4.71 11.48	10.45
22 11 16 00-0266	EA		1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.25 -1.73 4.71 13.17	10.45
22 11 16 00-0267	EA		2" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	37.10 -2.53 6.08 19.20	13.47
22 11 16 00-0268	EA		2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	53.96 -4.33 7.53 32.89	16.77
22 11 16 00-0269	EA		3" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	70.69 -6.05 9.11 45.96	20.25
22 11 16 00-0270	EA		4" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	83.53 -7.23 10.59 54.97	23.57
22 11 16 00-0271	EA		3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	22.50 -1.36 4.04 10.31	8.95
22 11 16 00-0272	EA		1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.48 -0.90 4.04 6.86	8.95
22 11 16 00-0273	EA		3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.65 -1.08 4.04 8.20	8.95
22 11 16 00-0274	EA		1" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.87 -1.41 4.35 10.69	9.70
22 11 16 00-0275	EA		1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.74 -1.81 4.71 13.73	10.45

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0276	EA		1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	29.16	10.45
			<i>For ASTM 120, Deduct</i>	-2.02	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	15.34	
22 11 16 00-0277	EA		2" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	39.96	13.47
			<i>For ASTM 120, Deduct</i>	-2.96	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
			<i>For Schedule 80 Nipples, Add</i>	22.46	
22 11 16 00-0278	EA		2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	57.99	16.77
			<i>For ASTM 120, Deduct</i>	-4.93	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For Schedule 80 Nipples, Add</i>	37.48	
22 11 16 00-0279	EA		3" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	76.37	20.25
			<i>For ASTM 120, Deduct</i>	-6.90	
			<i>For Work In Restricted Working Space, Add</i>	9.11	
			<i>For Schedule 80 Nipples, Add</i>	52.44	
22 11 16 00-0280	EA		4" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	91.20	23.57
			<i>For ASTM 120, Deduct</i>	-8.38	
			<i>For Work In Restricted Working Space, Add</i>	10.59	
			<i>For Schedule 80 Nipples, Add</i>	63.71	
22 11 16 00-0281	EA		3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	23.48	8.95
			<i>For ASTM 120, Deduct</i>	-1.50	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	11.42	
22 11 16 00-0282	EA		1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	20.31	8.95
			<i>For ASTM 120, Deduct</i>	-1.03	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	7.81	
22 11 16 00-0283	EA		3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	21.52	8.95
			<i>For ASTM 120, Deduct</i>	-1.21	
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Schedule 80 Nipples, Add</i>	9.19	
22 11 16 00-0284	EA		1" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	25.42	9.70
			<i>For ASTM 120, Deduct</i>	-1.64	
			<i>For Work In Restricted Working Space, Add</i>	4.35	
			<i>For Schedule 80 Nipples, Add</i>	12.46	
22 11 16 00-0285	EA		1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	30.15	10.45
			<i>For ASTM 120, Deduct</i>	-2.17	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	16.47	
22 11 16 00-0286	EA		1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	31.10	10.45
			<i>For ASTM 120, Deduct</i>	-2.31	
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Schedule 80 Nipples, Add</i>	17.56	
22 11 16 00-0287	EA		2" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	42.87	13.47
			<i>For ASTM 120, Deduct</i>	-3.39	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
			<i>For Schedule 80 Nipples, Add</i>	25.78	
22 11 16 00-0288	EA		2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	61.90	16.77
			<i>For ASTM 120, Deduct</i>	-5.52	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For Schedule 80 Nipples, Add</i>	41.94	
22 11 16 00-0289	EA		3" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	82.09	20.25
			<i>For ASTM 120, Deduct</i>	-7.76	
			<i>For Work In Restricted Working Space, Add</i>	9.11	
			<i>For Schedule 80 Nipples, Add</i>	58.96	
22 11 16 00-0290	EA		4" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	98.94	23.57
			<i>For ASTM 120, Deduct</i>	-9.54	
			<i>For Work In Restricted Working Space, Add</i>	10.59	
			<i>For Schedule 80 Nipples, Add</i>	72.54	
22 11 16 00-0291			Galvanized Malleable Iron Square Head Plugs (22 11 16 00-0013)		
22 11 16 00-0292	EA		1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	15.23	6.69
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For 300 LB Rating, Add</i>	18.22	
22 11 16 00-0293	EA		3/4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	16.42	7.53
			<i>For Work In Restricted Working Space, Add</i>	3.37	
			<i>For 300 LB Rating, Add</i>	18.29	
22 11 16 00-0294	EA		1", 150 LB, Galvanized Malleable Iron Square Head Plug.....	18.23	8.38
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For 300 LB Rating, Add</i>	20.07	
22 11 16 00-0295	EA		1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	22.94	9.51
			<i>For Work In Restricted Working Space, Add</i>	4.26	
			<i>For 300 LB Rating, Add</i>	30.53	
22 11 16 00-0296	EA		1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	27.79	10.64
			<i>For Work In Restricted Working Space, Add</i>	4.81	
			<i>For 300 LB Rating, Add</i>	40.95	
22 11 16 00-0297	EA		2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	35.32	13.56
			<i>For Work In Restricted Working Space, Add</i>	6.11	
			<i>For 300 LB Rating, Add</i>	52.09	
22 11 16 00-0298	EA		2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	59.31	20.06
			<i>For Work In Restricted Working Space, Add</i>	9.04	
			<i>For 300 LB Rating, Add</i>	101.02	
22 11 16 00-0299	EA		3", 150 LB, Galvanized Malleable Iron Square Head Plug.....	81.05	26.46
			<i>For Work In Restricted Working Space, Add</i>	11.90	
			<i>For 300 LB Rating, Add</i>	143.11	
22 11 16 00-0300	EA		4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	127.14	27.45
			<i>For Work In Restricted Working Space, Add</i>	12.36	
			<i>For 300 LB Rating, Add</i>	294.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0301	EA		5", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	200.67 12.90 538.69	28.69
22 11 16 00-0302	EA		6", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	215.40 13.48 582.26	29.93
22 11 16 00-0303			Galvanized Malleable Iron Bushing (22 11 16 00-0013)		
22 11 16 00-0304	EA		3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	38.06 7.98	17.70
22 11 16 00-0305	EA		1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	41.95 8.48	18.84
22 11 16 00-0306	EA		1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	42.73 8.93	19.87
22 11 16 00-0307	EA		1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	49.50 9.10	20.25
22 11 16 00-0308	EA		1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	49.26 9.55	21.19
22 11 16 00-0309	EA		1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.90 10.04	22.32
22 11 16 00-0310	EA		1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	57.94 9.78	21.75
22 11 16 00-0311	EA		1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	59.44 10.23	22.70
22 11 16 00-0312	EA		1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	58.57 10.72	23.83
22 11 16 00-0313	EA		1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	58.89 11.34	25.23
22 11 16 00-0314	EA		2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.66 11.40	25.34
22 11 16 00-0315	EA		2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	68.96 11.85	26.37
22 11 16 00-0316	EA		2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.00 12.35	27.41
22 11 16 00-0317	EA		2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	71.07 12.97	28.82
22 11 16 00-0318	EA		2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.91 13.65	30.32
22 11 16 00-0319	EA		2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	97.53 15.52	34.47
22 11 16 00-0320	EA		2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	99.17 16.01	35.59
22 11 16 00-0321	EA		2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	101.24 16.63	36.91
22 11 16 00-0322	EA		2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	102.67 17.31	38.52
22 11 16 00-0323	EA		2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	102.95 18.94	42.09
22 11 16 00-0324	EA		3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	124.09 19.09	42.38
22 11 16 00-0325	EA		3" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	125.72 19.58	43.51
22 11 16 00-0326	EA		3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	127.80 20.20	44.92
22 11 16 00-0327	EA		3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	128.88 20.88	46.43
22 11 16 00-0328	EA		3" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	128.77 22.51	50.01
22 11 16 00-0329	EA		3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	144.10 26.17	58.20
22 11 16 00-0330	EA		4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	191.39 19.40	43.07
22 11 16 00-0331	EA		4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	192.93 19.86	44.14
22 11 16 00-0332	EA		4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	194.87 20.45	45.46
22 11 16 00-0333	EA		4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	196.99 21.08	46.88
22 11 16 00-0334	EA		4" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	187.16 22.61	50.23
22 11 16 00-0335	EA		4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	213.52 26.04	57.91
22 11 16 00-0336	EA		4" x 3", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	216.30 29.39	65.32
22 11 16 00-0337			Galvanized Malleable Iron Floor Flange (22 11 16 00-0013)		
22 11 16 00-0338	EA		1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	56.26	34.41
22 11 16 00-0339	EA		3/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	61.52	37.67
22 11 16 00-0340	EA		1", 150 LB, Galvanized Malleable Iron Floor Flange.....	70.37	42.56
22 11 16 00-0341	EA		1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	73.06	44.07
22 11 16 00-0342	EA		1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	79.50	47.94
22 11 16 00-0343	EA		2", 150 LB, Galvanized Malleable Iron Floor Flange.....	84.96	50.01
22 11 16 00-0344			Galvanized Cast Iron Flanges (22 11 16 00-0013)		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0345	EA	3/4"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	95.69 16.95	37.67
22 11 16 00-0346	EA	1"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	94.18 19.15	42.56
22 11 16 00-0347	EA	1-1/4"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	82.12 19.82	44.07
22 11 16 00-0348	EA	1-1/2"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	107.53 21.57	47.94
22 11 16 00-0349	EA	2"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	106.37 22.51	50.01
22 11 16 00-0350	EA	2-1/2"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	123.44 26.03	57.91
22 11 16 00-0351	EA	3"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	209.13 33.04	73.45
22 11 16 00-0352	EA	4"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	276.06 42.36	94.19
22 11 16 00-0353	EA	5"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	379.81 50.43	112.11
22 11 16 00-0354	EA	6"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	419.38 57.93	128.80
22 11 16 00-0355	EA	8"	125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	397.60 66.20	147.20
22 11 16 00-0356			Cut And Thread Existing In-Place Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>		
			Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0357	EA	1/2"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	30.68 9.20	
22 11 16 00-0358	EA	3/4"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	33.75 10.13	
22 11 16 00-0359	EA	1"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	36.82 11.05	
22 11 16 00-0360	EA	1-1/4"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	39.88 11.96	
22 11 16 00-0361	EA	1-1/2"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	41.93 12.58	
22 11 16 00-0362	EA	2"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	43.98 13.19	
22 11 16 00-0363	EA	2-1/2"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	46.03 13.81	
22 11 16 00-0364	EA	3"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	48.07 14.42	
22 11 16 00-0365	EA	4"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	50.11 15.03	
22 11 16 00-0366	EA	6"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	54.20 16.26	
22 11 16 00-0367	EA	8"	Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	58.29 17.49	
22 11 16 00-0368			Copper Pipe And Fittings <small>(22 11 16)</small>		
			Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.		
22 11 16 00-0369			Copper Tube/Pipe <small>(22 11 16 00-0369)</small>		
			Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
22 11 16 00-0370			Hard Drawn Type L Copper Tube/Pipe <small>(22 11 16 00-0369)</small>		
22 11 16 00-0371	LF	1/4"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.10 0.07 -0.13 1.04 0.05	2.30
22 11 16 00-0372	LF	3/8"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.55 0.10 -0.19 1.08 0.08	2.39
22 11 16 00-0373	LF	1/2"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.88 0.11 -0.23 1.13 0.09	2.49
22 11 16 00-0374	LF	3/4"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	5.80 0.18 -0.37 1.19 0.15	2.64
22 11 16 00-0375	LF	1"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	7.11 0.27 -0.53 1.34 0.21	2.98
22 11 16 00-0376	LF	1-1/4"	Hard Drawn Type L Copper Tube/Pipe..... <i>For <20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	10.29 0.37 -0.73 1.99 0.29	4.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0377	LF		1-1/2" Hard Drawn Type L Copper Tube/Pipe	12.10	4.94
			For <20, Add	0.47	
			For >150, Deduct	-0.94	
			For Work In Restricted Working Space, Add	2.22	
			For Medical/Oxygen Service Tubing, Add	0.38	
22 11 16 00-0378	LF		2" Hard Drawn Type L Copper Tube/Pipe	16.56	6.09
			For <20, Add	0.74	
			For >150, Deduct	-1.49	
			For Work In Restricted Working Space, Add	2.74	
			For Medical/Oxygen Service Tubing, Add	0.59	
22 11 16 00-0379	LF		2-1/2" Hard Drawn Type L Copper Tube/Pipe	32.26	7.17
			For <20, Add	1.07	
			For >150, Deduct	-2.15	
			For Work In Restricted Working Space, Add	6.46	
			For Medical/Oxygen Service Tubing, Add	0.86	
22 11 16 00-0380	LF		3" Hard Drawn Type L Copper Tube/Pipe	39.64	8.45
			For <20, Add	1.43	
			For >150, Deduct	-2.86	
			For Work In Restricted Working Space, Add	7.60	
			For Medical/Oxygen Service Tubing, Add	1.15	
22 11 16 00-0381	LF		4" Hard Drawn Type L Copper Tube/Pipe	54.09	9.53
			For <20, Add	2.55	
			For >150, Deduct	-5.10	
			For Work In Restricted Working Space, Add	8.57	
			For Medical/Oxygen Service Tubing, Add	2.04	
22 11 16 00-0382	LF		5" Hard Drawn Type L Copper Tube/Pipe	77.91	10.94
			For <20, Add	4.51	
			For >150, Deduct	-9.02	
			For Work In Restricted Working Space, Add	9.85	
			For Medical/Oxygen Service Tubing, Add	3.61	
22 11 16 00-0383	LF		6" Hard Drawn Type L Copper Tube/Pipe	110.16	16.96
			For <20, Add	5.93	
			For >150, Deduct	-11.86	
			For Work In Restricted Working Space, Add	15.26	
			For Medical/Oxygen Service Tubing, Add	4.74	
22 11 16 00-0384	LF		8" Hard Drawn Type L Copper Tube/Pipe	168.31	18.86
			For <20, Add	11.18	
			For >150, Deduct	-22.36	
			For Work In Restricted Working Space, Add	16.96	
			For Medical/Oxygen Service Tubing, Add	8.94	
22 11 16 00-0385			Hard Drawn Type K Copper Tube/Pipe (22 11 16 00-0369)		
22 11 16 00-0386	LF		1/4" Hard Drawn Type K Copper Tube/Pipe	4.44	2.47
			For <20, Add	0.07	
			For >150, Deduct	-0.15	
			For Work In Restricted Working Space, Add	1.11	
			For Medical/Oxygen Service Tubing, Add	0.06	
22 11 16 00-0387	LF		3/8" Hard Drawn Type K Copper Tube/Pipe	5.54	2.57
			For <20, Add	0.13	
			For >150, Deduct	-0.26	
			For Work In Restricted Working Space, Add	1.27	
			For Medical/Oxygen Service Tubing, Add	0.10	
22 11 16 00-0388	LF		1/2" Hard Drawn Type K Copper Tube/Pipe	5.66	2.68
			For <20, Add	0.15	
			For >150, Deduct	-0.31	
			For Work In Restricted Working Space, Add	1.24	
			For Medical/Oxygen Service Tubing, Add	0.12	
22 11 16 00-0389	LF		3/4" Hard Drawn Type K Copper Tube/Pipe	7.55	2.85
			For <20, Add	0.28	
			For >150, Deduct	-0.55	
			For Work In Restricted Working Space, Add	1.44	
			For Medical/Oxygen Service Tubing, Add	0.22	
22 11 16 00-0390	LF		1" Hard Drawn Type K Copper Tube/Pipe	8.77	3.20
			For <20, Add	0.37	
			For >150, Deduct	-0.73	
			For Work In Restricted Working Space, Add	1.53	
			For Medical/Oxygen Service Tubing, Add	0.29	
22 11 16 00-0391	LF		1-1/4" Hard Drawn Type K Copper Tube/Pipe	11.79	4.76
			For <20, Add	0.46	
			For >150, Deduct	-0.91	
			For Work In Restricted Working Space, Add	2.17	
			For Medical/Oxygen Service Tubing, Add	0.37	
22 11 16 00-0392	LF		1-1/2" Hard Drawn Type K Copper Tube/Pipe	13.96	5.31
			For <20, Add	0.59	
			For >150, Deduct	-1.17	
			For Work In Restricted Working Space, Add	2.43	
			For Medical/Oxygen Service Tubing, Add	0.47	
22 11 16 00-0393	LF		2" Hard Drawn Type K Copper Tube/Pipe	18.94	6.56
			For <20, Add	0.90	
			For >150, Deduct	-1.80	
			For Work In Restricted Working Space, Add	2.98	
			For Medical/Oxygen Service Tubing, Add	0.72	
22 11 16 00-0394	LF		2-1/2" Hard Drawn Type K Copper Tube/Pipe	35.03	7.70
			For <20, Add	1.34	
			For >150, Deduct	-2.68	
			For Work In Restricted Working Space, Add	6.49	
			For Medical/Oxygen Service Tubing, Add	1.07	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0395	LF 3" Hard Drawn Type K Copper Tube/Pipe	46.19	9.08
	For <20, Add	1.83	
	For >150, Deduct	-3.67	
	For Work In Restricted Working Space, Add	8.36	
	For Medical/Oxygen Service Tubing, Add	1.47	
22 11 16 00-0396	LF 4" Hard Drawn Type K Copper Tube/Pipe	64.24	10.25
	For <20, Add	3.27	
	For >150, Deduct	-6.53	
	For Work In Restricted Working Space, Add	9.47	
	For Medical/Oxygen Service Tubing, Add	2.61	
22 11 16 00-0397	LF 5" Hard Drawn Type K Copper Tube/Pipe	97.12	11.76
	For <20, Add	5.99	
	For >150, Deduct	-11.97	
	For Work In Restricted Working Space, Add	11.18	
	For Medical/Oxygen Service Tubing, Add	4.79	
22 11 16 00-0398	LF 6" Hard Drawn Type K Copper Tube/Pipe	145.97	18.23
	For <20, Add	8.59	
	For >150, Deduct	-17.18	
	For Work In Restricted Working Space, Add	18.02	
	For Medical/Oxygen Service Tubing, Add	6.87	
22 11 16 00-0399	LF 8" Hard Drawn Type K Copper Tube/Pipe	227.04	20.27
	For <20, Add	16.08	
	For >150, Deduct	-32.17	
	For Work In Restricted Working Space, Add	19.86	
	For Medical/Oxygen Service Tubing, Add	12.87	
22 11 16 00-0400	Hard Drawn Type M Copper Tube/Pipe (22 11 16 00-0369)		
22 11 16 00-0401	LF 3/8" Hard Drawn Type M Copper Tube/Pipe	3.86	2.16
	For <20, Add	0.07	
	For >150, Deduct	-0.15	
	For Work In Restricted Working Space, Add	0.94	
22 11 16 00-0402	LF 1/2" Hard Drawn Type M Copper Tube/Pipe	4.05	2.25
	For <20, Add	0.08	
	For >150, Deduct	-0.17	
	For Work In Restricted Working Space, Add	0.97	
22 11 16 00-0403	LF 3/4" Hard Drawn Type M Copper Tube/Pipe	4.76	2.38
	For <20, Add	0.13	
	For >150, Deduct	-0.27	
	For Work In Restricted Working Space, Add	1.03	
22 11 16 00-0404	LF 1" Hard Drawn Type M Copper Tube/Pipe	5.89	2.68
	For <20, Add	0.21	
	For >150, Deduct	-0.41	
	For Work In Restricted Working Space, Add	1.15	
22 11 16 00-0405	LF 1-1/4" Hard Drawn Type M Copper Tube/Pipe	8.88	3.99
	For <20, Add	0.30	
	For >150, Deduct	-0.60	
	For Work In Restricted Working Space, Add	1.76	
22 11 16 00-0406	LF 1-1/2" Hard Drawn Type M Copper Tube/Pipe	10.91	4.44
	For <20, Add	0.42	
	For >150, Deduct	-0.83	
	For Work In Restricted Working Space, Add	2.03	
22 11 16 00-0407	LF 2" Hard Drawn Type M Copper Tube/Pipe	14.91	5.48
	For <20, Add	0.65	
	For >150, Deduct	-1.31	
	For Work In Restricted Working Space, Add	2.51	
22 11 16 00-0408	LF 2-1/2" Hard Drawn Type M Copper Tube/Pipe	29.83	6.45
	For <20, Add	0.95	
	For >150, Deduct	-1.90	
	For Work In Restricted Working Space, Add	6.10	
22 11 16 00-0409	LF 3" Hard Drawn Type M Copper Tube/Pipe	35.47	7.60
	For <20, Add	1.26	
	For >150, Deduct	-2.52	
	For Work In Restricted Working Space, Add	6.86	
22 11 16 00-0410	LF 4" Hard Drawn Type M Copper Tube/Pipe	50.29	8.58
	For <20, Add	2.36	
	For >150, Deduct	-4.73	
	For Work In Restricted Working Space, Add	8.00	
22 11 16 00-0411	LF 5" Hard Drawn Type M Copper Tube/Pipe	76.65	9.85
	For <20, Add	4.59	
	For >150, Deduct	-9.17	
	For Work In Restricted Working Space, Add	9.23	
22 11 16 00-0412	LF 6" Hard Drawn Type M Copper Tube/Pipe	108.94	15.27
	For <20, Add	6.13	
	For >150, Deduct	-12.26	
	For Work In Restricted Working Space, Add	14.30	
22 11 16 00-0413	LF 8" Hard Drawn Type M Copper Tube/Pipe	168.56	16.97
	For <20, Add	11.61	
	For >150, Deduct	-23.23	
	For Work In Restricted Working Space, Add	15.73	
22 11 16 00-0414	Soft Drawn Type L Copper Tube (22 11 16 00-0369)		
22 11 16 00-0415	LF 1/4" Soft Drawn Type L Copper Tube	4.27	2.30
	For <20, Add	0.08	
	For >150, Deduct	-0.17	
	For Work In Restricted Working Space, Add	1.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0416 LF 3/8" Soft Drawn Type L Copper Tube.....	4.90	2.39
For <20, Add	0.13	
For >150, Deduct	-0.26	
For Work In Restricted Working Space, Add	1.08	
22 11 16 00-0417 LF 1/2" Soft Drawn Type L Copper Tube.....	5.49	2.49
For <20, Add	0.17	
For >150, Deduct	-0.35	
For Work In Restricted Working Space, Add	1.13	
22 11 16 00-0418 LF 5/8" Soft Drawn Type L Copper Tube.....	6.09	2.57
For <20, Add	0.22	
For >150, Deduct	-0.45	
For Work In Restricted Working Space, Add	1.16	
22 11 16 00-0419 LF 3/4" Soft Drawn Type L Copper Tube.....	6.63	2.64
For <20, Add	0.27	
For >150, Deduct	-0.53	
For Work In Restricted Working Space, Add	1.19	
22 11 16 00-0420 LF 1" Soft Drawn Type L Copper Tube.....	8.14	2.98
For <20, Add	0.37	
For >150, Deduct	-0.74	
For Work In Restricted Working Space, Add	1.34	
22 11 16 00-0421 LF 1-1/4" Soft Drawn Type L Copper Tube.....	11.49	4.42
For <20, Add	0.49	
For >150, Deduct	-0.97	
For Work In Restricted Working Space, Add	1.99	
22 11 16 00-0422 LF 1-1/2" Soft Drawn Type L Copper Tube.....	13.97	4.94
For <20, Add	0.66	
For >150, Deduct	-1.31	
For Work In Restricted Working Space, Add	2.22	
22 11 16 00-0423 LF 2" Soft Drawn Type L Copper Tube.....	19.58	6.09
For <20, Add	1.05	
For >150, Deduct	-2.09	
For Work In Restricted Working Space, Add	2.74	
22 11 16 00-0424 Soft Drawn Type K Copper Tube (22 11 16 00-0369)		
22 11 16 00-0425 LF 1/4" Soft Drawn Type K Copper Tube.....	4.36	2.30
For <20, Add	0.09	
For >150, Deduct	-0.18	
For Work In Restricted Working Space, Add	1.03	
22 11 16 00-0426 LF 3/8" Soft Drawn Type K Copper Tube.....	5.17	2.39
For <20, Add	0.16	
For >150, Deduct	-0.31	
For Work In Restricted Working Space, Add	1.08	
22 11 16 00-0427 LF 1/2" Soft Drawn Type K Copper Tube.....	5.71	2.49
For <20, Add	0.20	
For >150, Deduct	-0.39	
For Work In Restricted Working Space, Add	1.13	
22 11 16 00-0428 LF 5/8" Soft Drawn Type K Copper Tube.....	6.20	2.57
For <20, Add	0.23	
For >150, Deduct	-0.47	
For Work In Restricted Working Space, Add	1.16	
22 11 16 00-0429 LF 3/4" Soft Drawn Type K Copper Tube.....	7.60	2.64
For <20, Add	0.36	
For >150, Deduct	-0.73	
For Work In Restricted Working Space, Add	1.19	
22 11 16 00-0430 LF 1" Soft Drawn Type K Copper Tube.....	9.28	2.98
For <20, Add	0.48	
For >150, Deduct	-0.96	
For Work In Restricted Working Space, Add	1.34	
22 11 16 00-0431 LF 1-1/4" Soft Drawn Type K Copper Tube.....	12.32	4.42
For <20, Add	0.57	
For >150, Deduct	-1.14	
For Work In Restricted Working Space, Add	1.99	
22 11 16 00-0432 LF 1-1/2" Soft Drawn Type K Copper Tube.....	15.29	4.94
For <20, Add	0.79	
For >150, Deduct	-1.58	
For Work In Restricted Working Space, Add	2.22	
22 11 16 00-0433 LF 2" Soft Drawn Type K Copper Tube.....	21.39	6.09
For <20, Add	1.23	
For >150, Deduct	-2.45	
For Work In Restricted Working Space, Add	2.74	
22 11 16 00-0434 LF 2-1/2" Soft Drawn Type K Copper Tube.....	29.35	7.31
For <20, Add	1.84	
For >150, Deduct	-3.68	
For Work In Restricted Working Space, Add	3.29	
22 11 16 00-0435 LF 3" Soft Drawn Type K Copper Tube.....	38.52	8.63
For <20, Add	2.56	
For >150, Deduct	-5.12	
For Work In Restricted Working Space, Add	3.88	
22 11 16 00-0436 Copper And Brass Fittings (22 11 16 00-0368)		
Note: All fittings are based on 95/5 solder.		
22 11 16 00-0437 90 Degree Copper Elbows (22 11 16 00-0436)		

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 16 00-0438	EA	1/4" 90 Degree Copper Elbow	23.51	13.64
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.20	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.07	
		<i>For Street Fitting, Add</i>	1.22	
		<i>For Work In Restricted Working Space, Add</i>	6.14	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.22	
22 11 16 00-0439	EA	3/8" 90 Degree Copper Elbow	27.77	16.37
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.62	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.68	
		<i>For Street Fitting, Add</i>	1.29	
		<i>For Work In Restricted Working Space, Add</i>	7.36	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.84	
22 11 16 00-0440	EA	1/2" 90 Degree Copper Elbow	34.80	22.50
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.43	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.06	
		<i>For Street Fitting, Add</i>	0.42	
		<i>For Work In Restricted Working Space, Add</i>	10.13	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.12	
22 11 16 00-0441	EA	3/4" 90 Degree Copper Elbow	44.29	28.02
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.31	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.29	
		<i>For Street Fitting, Add</i>	0.94	
		<i>For Work In Restricted Working Space, Add</i>	12.58	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.41	
22 11 16 00-0442	EA	1" 90 Degree Copper Elbow	55.87	33.44
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.30	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.52	
		<i>For Street Fitting, Add</i>	2.30	
		<i>For Work In Restricted Working Space, Add</i>	15.03	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.80	
22 11 16 00-0443	EA	1-1/4" 90 Degree Copper Elbow	62.82	36.20
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.85	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.13	
		<i>For Street Fitting, Add</i>	3.45	
		<i>For Work In Restricted Working Space, Add</i>	16.26	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.56	
22 11 16 00-0444	EA	1-1/2" 90 Degree Copper Elbow	72.80	39.58
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.61	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.90	
		<i>For Street Fitting, Add</i>	5.39	
		<i>For Work In Restricted Working Space, Add</i>	17.80	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.57	
22 11 16 00-0445	EA	2" 90 Degree Copper Elbow	91.05	44.39
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.88	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.97	
		<i>For Street Fitting, Add</i>	9.83	
		<i>For Work In Restricted Working Space, Add</i>	19.94	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.20	
22 11 16 00-0446	EA	2-1/2" 90 Degree Copper Elbow	115.99	45.20
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.19	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.17	
		<i>For Work In Restricted Working Space, Add</i>	20.34	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.58	
22 11 16 00-0447	EA	3" 90 Degree Copper Elbow	148.94	54.06
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.50	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.15	
		<i>For Work In Restricted Working Space, Add</i>	24.30	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	15.55	
22 11 16 00-0448	EA	4" 90 Degree Copper Elbow	279.76	76.66
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-19.73	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.23	
		<i>For Work In Restricted Working Space, Add</i>	34.47	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	25.48	
22 11 16 00-0449	EA	5" 90 Degree Copper Elbow	847.95	104.91
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-50.26	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	23.59	
		<i>For Work In Restricted Working Space, Add</i>	47.18	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	58.12	
22 11 16 00-0450	EA	6" 90 Degree Copper Elbow	1,149.57	152.66
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-68.92	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	34.33	
		<i>For Work In Restricted Working Space, Add</i>	68.65	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	80.36	
22 11 16 00-0451	EA	8" 90 Degree Copper Elbow	3,711.34	203.51
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-200.82	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	45.77	
		<i>For Work In Restricted Working Space, Add</i>	91.54	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	216.08	

22 11 16 00-0452 90 Degree Brass Elbows (22 11 16 00-0436)

22 11 16 00-0453	EA	1/2" Drop Ear 90 Degree Brass Elbow	40.33	22.50
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.70	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.06	
		<i>For Work In Restricted Working Space, Add</i>	10.13	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.39	
22 11 16 00-0454	EA	3/4" Drop Ear 90 Degree Brass Elbow	61.12	28.02
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.15	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.29	
		<i>For Work In Restricted Working Space, Add</i>	12.58	
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0455 EA 1/2" Flanged Sink 90 Degree Brass Elbow	45.74	22.50
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.97	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
For Work In Restricted Working Space, Add	10.13	
For Silver Solder Instead Of 95/5 Solder, Add	5.66	
22 11 16 00-0456 EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	34.38	16.37
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.95	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.68	
For Work In Restricted Working Space, Add	7.36	
For Silver Solder Instead Of 95/5 Solder, Add	4.17	
22 11 16 00-0457 EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	40.80	22.50
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.73	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
For Work In Restricted Working Space, Add	10.13	
For Silver Solder Instead Of 95/5 Solder, Add	5.42	
22 11 16 00-0458 EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	54.33	28.02
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.81	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.29	
For Work In Restricted Working Space, Add	12.58	
For Silver Solder Instead Of 95/5 Solder, Add	6.91	
22 11 16 00-0459 EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	89.70	33.44
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.99	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.52	
For Work In Restricted Working Space, Add	15.03	
For Silver Solder Instead Of 95/5 Solder, Add	9.50	
22 11 16 00-0460 Reducing 90 Degree Copper Elbows (22 11 16 00-0436)		
22 11 16 00-0461 EA 1/2" Reducing 90 Degree Copper Elbow	42.25	22.50
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.80	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
For Work In Restricted Working Space, Add	10.13	
For Silver Solder Instead Of 95/5 Solder, Add	5.49	
22 11 16 00-0462 EA 3/4" Reducing 90 Degree Copper Elbow	47.96	28.02
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.49	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.29	
For Work In Restricted Working Space, Add	12.58	
For Silver Solder Instead Of 95/5 Solder, Add	6.59	
22 11 16 00-0463 EA 1" Reducing 90 Degree Copper Elbow	61.17	33.44
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.56	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.52	
For Work In Restricted Working Space, Add	15.03	
For Silver Solder Instead Of 95/5 Solder, Add	8.07	
22 11 16 00-0464 EA 1-1/4" Reducing 90 Degree Copper Elbow	82.38	36.20
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.83	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.13	
For Work In Restricted Working Space, Add	16.26	
For Silver Solder Instead Of 95/5 Solder, Add	9.54	
22 11 16 00-0465 EA 1-1/2" Reducing 90 Degree Copper Elbow	96.35	39.58
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.78	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.90	
For Work In Restricted Working Space, Add	17.80	
For Silver Solder Instead Of 95/5 Solder, Add	10.75	
22 11 16 00-0466 EA 2" Reducing 90 Degree Copper Elbow	116.32	44.39
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.14	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.97	
For Work In Restricted Working Space, Add	19.94	
For Silver Solder Instead Of 95/5 Solder, Add	12.46	
22 11 16 00-0467 45 Degree Copper Elbows (22 11 16 00-0436)		
22 11 16 00-0468 EA 1/4" 45 Degree Copper Elbow	26.16	13.64
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.33	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.07	
For Street Fitting, Add	2.28	
For Work In Restricted Working Space, Add	6.14	
For Silver Solder Instead Of 95/5 Solder, Add	3.35	
22 11 16 00-0469 EA 3/8" 45 Degree Copper Elbow	29.43	16.37
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.70	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.68	
For Street Fitting, Add	1.96	
For Work In Restricted Working Space, Add	7.36	
For Silver Solder Instead Of 95/5 Solder, Add	3.93	
22 11 16 00-0470 EA 1/2" 45 Degree Copper Elbow	35.67	22.50
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.47	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
For Street Fitting, Add	0.77	
For Work In Restricted Working Space, Add	10.13	
For Silver Solder Instead Of 95/5 Solder, Add	5.16	
22 11 16 00-0471 EA 3/4" 45 Degree Copper Elbow	45.22	28.02
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.36	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.29	
For Street Fitting, Add	1.32	
For Work In Restricted Working Space, Add	12.58	
For Silver Solder Instead Of 95/5 Solder, Add	6.45	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 16 00-0472	EA	1"	45 Degree Copper Elbow	58.32	33.44
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.42	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.52	
			<i>For Street Fitting, Add</i>	3.28	
			<i>For Work In Restricted Working Space, Add</i>	15.03	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.93	
22 11 16 00-0473	EA	1-1/4"	45 Degree Copper Elbow	65.32	36.20
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.13	
			<i>For Street Fitting, Add</i>	4.45	
			<i>For Work In Restricted Working Space, Add</i>	16.26	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.69	
22 11 16 00-0474	EA	1-1/2"	45 Degree Copper Elbow	72.97	39.58
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.61	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.90	
			<i>For Street Fitting, Add</i>	5.46	
			<i>For Work In Restricted Working Space, Add</i>	17.80	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.58	
22 11 16 00-0475	EA	2"	45 Degree Copper Elbow	89.25	44.39
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.79	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.97	
			<i>For Work In Restricted Working Space, Add</i>	19.94	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.11	
22 11 16 00-0476	EA	2-1/2"	45 Degree Copper Elbow	115.41	45.20
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.16	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.17	
			<i>For Work In Restricted Working Space, Add</i>	20.34	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.55	
22 11 16 00-0477	EA	3"	45 Degree Copper Elbow	151.62	54.06
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.63	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.15	
			<i>For Work In Restricted Working Space, Add</i>	24.30	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	15.68	
22 11 16 00-0478	EA	4"	45 Degree Copper Elbow	265.49	76.66
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-19.02	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.23	
			<i>For Work In Restricted Working Space, Add</i>	34.47	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	24.76	
22 11 16 00-0479	EA	5"	45 Degree Copper Elbow	740.52	104.91
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-44.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	23.59	
			<i>For Work In Restricted Working Space, Add</i>	47.18	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	52.75	
22 11 16 00-0480	EA	6"	45 Degree Copper Elbow	1,148.00	152.66
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-68.84	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	34.33	
			<i>For Work In Restricted Working Space, Add</i>	68.65	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	80.28	
22 11 16 00-0481	EA	8"	45 Degree Copper Elbow	3,428.36	203.51
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-186.67	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	45.77	
			<i>For Work In Restricted Working Space, Add</i>	91.54	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	201.93	
22 11 16 00-0482	Straight Copper And Brass Tees (22 11 16 00-0436)				
22 11 16 00-0483	EA	1/4"	Straight Copper Tee	37.08	20.45
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.39	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.60	
			<i>For Work In Restricted Working Space, Add</i>	9.20	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.92	
22 11 16 00-0484	EA	3/8"	Straight Copper Tee	41.97	24.54
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.94	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.52	
			<i>For Work In Restricted Working Space, Add</i>	11.05	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.78	
22 11 16 00-0485	EA	1/2"	Straight Copper Tee	52.93	34.16
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.20	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.67	
			<i>For Work In Restricted Working Space, Add</i>	15.34	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.76	
22 11 16 00-0486	EA	3/4"	Straight Copper Tee	67.72	42.34
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.56	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.51	
			<i>For Work In Restricted Working Space, Add</i>	19.02	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.73	
22 11 16 00-0487	EA	1"	Straight Copper Tee	88.65	50.52
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.22	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.00	
22 11 16 00-0488	EA	1-1/4"	Straight Copper Tee	99.87	54.61
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.08	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.27	
			<i>For Work In Restricted Working Space, Add</i>	24.55	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.18	
22 11 16 00-0489	EA	1-1/2"	Straight Copper Tee	116.29	59.32
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.26	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.35	
			<i>For Work In Restricted Working Space, Add</i>	26.69	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0490	EA		2" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	143.64 -12.19 15.03 30.07 17.21	66.89
22 11 16 00-0491	EA		2-1/2" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	187.58 -14.46 15.26 30.51 19.55	67.81
22 11 16 00-0492	EA		3" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	253.63 -18.80 18.36 36.73 24.92	81.65
22 11 16 00-0493	EA		4" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	488.95 -33.02 25.71 51.42 41.59	114.33
22 11 16 00-0494	EA		5" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,272.61 -75.36 35.18 70.35 87.08	156.43
22 11 16 00-0495	EA		6" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,762.81 -105.33 51.56 103.12 122.51	229.32
22 11 16 00-0496	EA		8" Straight Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	5,931.75 -319.47 68.65 137.31 342.36	305.31
22 11 16 00-0497	EA		1/2" Cast Bronze Drop Ear Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	62.22 -5.67 7.67 15.34 8.22	34.16
22 11 16 00-0498			Reducing Copper Tees <small>(22 11 16 00-0436)</small>		
22 11 16 00-0499	EA		3/8" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	42.92 -3.78 4.91 9.82 5.42	21.79
22 11 16 00-0500	EA		1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	55.00 -5.05 6.90 13.81 7.35	30.68
22 11 16 00-0501	EA		3/4" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	63.89 -6.16 8.90 17.80 9.13	39.58
22 11 16 00-0502	EA		1" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	86.12 -7.89 10.74 21.48 11.47	47.77
22 11 16 00-0503	EA		1-1/4" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	99.77 -8.88 11.66 23.32 12.76	51.85
22 11 16 00-0504	EA		1-1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	116.04 -10.05 12.73 25.47 14.29	56.66
22 11 16 00-0505	EA		2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	140.15 -11.76 14.27 28.53 16.52	63.41
22 11 16 00-0506	EA		2-1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	192.02 -14.50 14.69 29.38 19.40	65.36
22 11 16 00-0507	EA		3" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	267.51 -19.03 16.95 33.90 24.68	75.34

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0508	EA 4" Reducing Copper Tee..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	464.63 -30.20 20.91 41.81 37.17	92.95
22 11 16 00-0509	Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0510	EA 1/4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	21.06 -2.08 3.07 6.14 3.10	13.64
22 11 16 00-0511	EA 3/8" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	25.36 -2.50 3.68 7.36 3.72	16.37
22 11 16 00-0512	EA 1/2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	34.42 -3.41 5.06 10.13 5.10	22.50
22 11 16 00-0513	EA 3/4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	43.30 -4.26 6.29 12.58 6.36	28.02
22 11 16 00-0514	EA 1" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	52.82 -5.15 7.52 15.03 7.65	33.44
22 11 16 00-0515	EA 1-1/4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	58.97 -5.66 8.13 16.26 8.37	36.20
22 11 16 00-0516	EA 1-1/2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	65.64 -6.25 8.90 17.80 9.21	39.58
22 11 16 00-0517	EA 2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	76.99 -7.17 9.97 19.94 10.50	43.98
22 11 16 00-0518	EA 2-1/2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	85.64 -7.48 9.61 19.21 10.69	42.76
22 11 16 00-0519	EA 3" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	106.62 -9.19 11.58 23.17 13.05	51.80
22 11 16 00-0520	EA 4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	168.37 -13.60 15.54 31.08 18.78	69.69
22 11 16 00-0521	EA 5" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	276.26 -20.88 21.19 42.38 27.94	127.14
22 11 16 00-0522	EA 6" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	430.27 -31.87 31.08 62.15 42.23	138.15
22 11 16 00-0523	EA 8" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	998.16 -63.66 41.25 82.50 77.41	183.17
22 11 16 00-0524	Reducing Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0525	EA 3/8" Reducing Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	21.79 -2.11 3.07 6.14 3.13	13.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0526	EA		1/2" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	30.55 -2.99 4.37 8.75 4.44	19.43
22 11 16 00-0527	EA		3/4" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	40.26 -3.91 5.68 11.35 5.80	25.27
22 11 16 00-0528	EA		1" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	50.40 -4.82 6.90 13.81 7.12	30.68
22 11 16 00-0529	EA		1-1/4" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	58.24 -5.52 7.82 15.65 8.13	34.78
22 11 16 00-0530	EA		1-1/2" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	66.83 -6.18 8.51 17.03 9.02	37.84
22 11 16 00-0531	EA		2" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	78.48 -7.07 9.44 18.87 10.21	41.93
22 11 16 00-0532	EA		2-1/2" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	96.56 -8.05 9.68 19.35 11.28	43.04
22 11 16 00-0533	EA		3" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	114.02 -9.42 11.16 22.32 13.14	49.92
22 11 16 00-0534	EA		4" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	176.60 -13.73 14.69 29.38 18.62	65.36
22 11 16 00-0535	EA		5" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	444.16 -29.04 20.48 40.97 35.86	91.06
22 11 16 00-0536	EA		6" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	659.99 -42.18 27.55 55.09 51.36	122.42
22 11 16 00-0537	EA		8" Reducing Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,277.26 -77.24 40.12 80.24 90.61	178.39
22 11 16 00-0538			Male Copper Adapters <small>(22 11 16 00-0436)</small>		
22 11 16 00-0539	EA		1/4" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	31.25 -2.59 3.07 6.14 3.61	13.29
22 11 16 00-0540	EA		3/8" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	29.93 -2.72 3.68 7.36 3.95	16.37
22 11 16 00-0541	EA		1/2" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	32.86 -3.18 4.60 9.20 4.71	20.45
22 11 16 00-0542	EA		3/4" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	41.54 -3.97 5.68 11.35 5.86	25.57
22 11 16 00-0543	EA		1" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	53.38 -4.87 6.60 13.19 7.07	29.66

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0544	EA 1-1/4" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	64.81 -5.80 7.67 15.34 8.35	33.75
22 11 16 00-0545	EA 1-1/2" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	74.30 -6.63 8.74 17.49 9.54	38.87
22 11 16 00-0546	EA 2" Male Copper Adapter..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	101.76 -8.82 11.20 22.40 12.55	49.61
22 11 16 00-0547	EA 2-1/2" Male Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	182.34 -13.92 14.42 28.84 18.73	64.44
22 11 16 00-0548	EA 3" Male Copper Adapter..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	242.19 -18.51 19.21 38.42 24.92	85.93
22 11 16 00-0549	EA 4" Male Copper Adapter..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	363.33 -27.21 27.12 54.25 36.25	120.54
22 11 16 00-0550	Female Copper Adapters (22 11 16 00-0436)		
22 11 16 00-0551	EA 1/4" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	27.35 -2.39 3.07 6.14 3.41	13.29
22 11 16 00-0552	EA 3/8" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	31.76 -2.82 3.68 7.36 4.04	16.37
22 11 16 00-0553	EA 1/2" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	34.17 -3.24 4.60 9.20 4.78	20.45
22 11 16 00-0554	EA 3/4" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	42.61 -4.02 5.68 11.35 5.91	25.57
22 11 16 00-0555	EA 1" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	54.90 -4.94 6.60 13.19 7.14	29.66
22 11 16 00-0556	EA 1-1/4" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	67.14 -5.91 7.67 15.34 8.47	33.75
22 11 16 00-0557	EA 1-1/2" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	83.36 -7.08 8.74 17.49 10.00	38.87
22 11 16 00-0558	EA 2" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	108.66 -9.17 11.20 22.40 12.90	49.61
22 11 16 00-0559	EA 2-1/2" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	210.16 -14.93 13.28 26.56 19.36	59.33
22 11 16 00-0560	EA 3" Female Copper Adapter For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	332.97 -23.05 19.21 38.42 29.46	85.93
22 11 16 00-0561	Wrot Copper, Solder Union (22 11 16 00-0436)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0562 EA 1/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	39.80 -3.22 3.68 7.36 4.44	16.37
22 11 16 00-0563 EA 3/8" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	45.38 -3.75 4.45 8.90 5.24	19.74
22 11 16 00-0564 EA 1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	46.54 -4.17 5.52 11.05 6.01	24.54
22 11 16 00-0565 EA 3/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	53.88 -4.79 6.29 12.58 6.89	28.02
22 11 16 00-0566 EA 1" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	70.65 -6.04 7.52 15.03 8.54	33.44
22 11 16 00-0567 EA 1-1/4" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	84.97 -7.01 8.28 16.57 9.77	36.82
22 11 16 00-0568 EA 1-1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	103.29 -8.23 9.20 18.41 11.30	40.91
22 11 16 00-0569 EA 2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	145.11 -10.94 11.04 22.09 14.62	49.09
22 11 16 00-0570 EA 2-1/2" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	275.91 -17.85 12.15 24.30 21.89	54.06
22 11 16 00-0571 EA 3" Wrot Copper, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	619.28 -36.71 17.23 34.47 42.45	76.66
22 11 16 00-0572 Cast Bronze, Solder Union (22 11 16 00-0436)		
22 11 16 00-0573 EA 1/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	45.43 -3.50 3.68 7.36 4.73	16.37
22 11 16 00-0574 EA 3/8" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	50.69 -4.02 4.45 8.90 5.50	19.74
22 11 16 00-0575 EA 1/2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	48.02 -4.24 5.52 11.05 6.08	24.54
22 11 16 00-0576 EA 3/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	55.97 -4.90 6.29 12.58 6.99	28.02
22 11 16 00-0577 EA 1" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	74.27 -6.22 7.52 15.03 8.72	33.44
22 11 16 00-0578 EA 1-1/4" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	94.88 -7.51 8.28 16.57 10.27	36.82
22 11 16 00-0579 EA 1-1/2" Cast Bronze, Solder Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	113.63 -8.75 9.20 18.41 11.82	40.91

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0580	EA 2" Cast Bronze, Solder Union	162.71	49.09
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.82	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.04	
	<i>For Work In Restricted Working Space, Add</i>	22.09	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	15.50	
22 11 16 00-0581	EA 2-1/2" Cast Bronze, Solder Union	275.89	54.06
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.84	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.15	
	<i>For Work In Restricted Working Space, Add</i>	24.30	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.89	
22 11 16 00-0582	EA 3" Cast Bronze, Solder Union	619.28	76.66
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-36.71	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.23	
	<i>For Work In Restricted Working Space, Add</i>	34.47	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	42.45	
22 11 16 00-0583	Cast Bronze, Solder X Female Threaded Union (22 11 16 00-0436)		
22 11 16 00-0584	EA 1/4" Cast Bronze, Solder X Female Threaded Union.....	53.03	16.37
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.88	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.68	
	<i>For Work In Restricted Working Space, Add</i>	7.36	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.11	
22 11 16 00-0585	EA 3/8" Cast Bronze, Solder X Female Threaded Union.....	59.13	19.74
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.44	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.45	
	<i>For Work In Restricted Working Space, Add</i>	8.90	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.92	
22 11 16 00-0586	EA 1/2" Cast Bronze, Solder X Female Threaded Union.....	60.23	24.54
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.85	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.52	
	<i>For Work In Restricted Working Space, Add</i>	11.05	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.69	
22 11 16 00-0587	EA 3/4" Cast Bronze, Solder X Female Threaded Union.....	73.84	28.02
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.79	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.29	
	<i>For Work In Restricted Working Space, Add</i>	12.58	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.89	
22 11 16 00-0588	EA 1" Cast Bronze, Solder X Female Threaded Union.....	116.48	33.44
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.33	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.52	
	<i>For Work In Restricted Working Space, Add</i>	15.03	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.84	
22 11 16 00-0589	EA 1-1/4" Cast Bronze, Solder X Female Threaded Union.....	178.92	36.82
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.71	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.28	
	<i>For Work In Restricted Working Space, Add</i>	16.57	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.47	
22 11 16 00-0590	EA 1-1/2" Cast Bronze, Solder X Female Threaded Union.....	218.06	40.91
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.97	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.20	
	<i>For Work In Restricted Working Space, Add</i>	18.41	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.04	
22 11 16 00-0591	EA 2" Cast Bronze, Solder X Female Threaded Union.....	338.88	49.09
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-20.63	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.04	
	<i>For Work In Restricted Working Space, Add</i>	22.09	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	24.31	
22 11 16 00-0592	EA 2-1/2" Cast Bronze, Solder X Female Threaded Union.....	583.81	54.06
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-33.24	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.15	
	<i>For Work In Restricted Working Space, Add</i>	24.30	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	37.29	
22 11 16 00-0593	Cast Bronze, Solder X Male Threaded Union (22 11 16 00-0436)		
22 11 16 00-0594	EA 1/4" Cast Bronze, Solder X Male Threaded Union.....	46.24	16.37
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.54	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.68	
	<i>For Work In Restricted Working Space, Add</i>	7.36	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.77	
22 11 16 00-0595	EA 3/8" Cast Bronze, Solder X Male Threaded Union.....	54.98	19.74
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.23	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.45	
	<i>For Work In Restricted Working Space, Add</i>	8.90	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.72	
22 11 16 00-0596	EA 1/2" Cast Bronze, Solder X Male Threaded Union.....	55.30	24.54
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.61	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.52	
	<i>For Work In Restricted Working Space, Add</i>	11.05	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.45	
22 11 16 00-0597	EA 3/4" Cast Bronze, Solder X Male Threaded Union.....	69.66	28.02
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.58	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.29	
	<i>For Work In Restricted Working Space, Add</i>	12.58	
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0598	EA		1" Cast Bronze, Solder X Male Threaded Union.....	118.39	33.44
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.43	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.52	
			<i>For Work In Restricted Working Space, Add</i>	15.03	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.93	
22 11 16 00-0599	EA		1-1/4" Cast Bronze, Solder X Male Threaded Union.....	139.93	36.82
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.76	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.28	
			<i>For Work In Restricted Working Space, Add</i>	16.57	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.52	
22 11 16 00-0600	EA		1-1/2" Cast Bronze, Solder X Male Threaded Union.....	150.33	40.91
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.58	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.20	
			<i>For Work In Restricted Working Space, Add</i>	18.41	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.65	
22 11 16 00-0601	EA		2" Cast Bronze, Solder X Male Threaded Union.....	210.29	49.09
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-14.20	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.04	
			<i>For Work In Restricted Working Space, Add</i>	22.09	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.88	
22 11 16 00-0602	EA		2-1/2" Cast Bronze, Solder X Male Threaded Union.....	481.47	54.06
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-28.12	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.15	
			<i>For Work In Restricted Working Space, Add</i>	24.30	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	32.17	
22 11 16 00-0603			Copper Caps (22 11 16 00-0436)		
22 11 16 00-0604	EA		1/4" Copper Cap	4.76	2.58
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.43	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	0.57	
			<i>For Work In Restricted Working Space, Add</i>	1.15	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	0.62	
22 11 16 00-0605	EA		3/8" Copper Cap	5.57	2.72
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.48	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	0.61	
			<i>For Work In Restricted Working Space, Add</i>	1.23	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	0.69	
22 11 16 00-0606	EA		1/2" Copper Cap	5.10	2.94
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	0.65	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	0.69	
22 11 16 00-0607	EA		3/4" Copper Cap	6.88	3.68
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.62	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	0.82	
			<i>For Work In Restricted Working Space, Add</i>	1.64	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	0.89	
22 11 16 00-0608	EA		1" Copper Cap	10.26	4.65
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-0.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.04	
			<i>For Work In Restricted Working Space, Add</i>	2.07	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.20	
22 11 16 00-0609	EA		1-1/4" Copper Cap	13.94	6.38
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.17	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.42	
			<i>For Work In Restricted Working Space, Add</i>	2.84	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.64	
22 11 16 00-0610	EA		1-1/2" Copper Cap	17.64	7.51
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.44	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.67	
			<i>For Work In Restricted Working Space, Add</i>	3.34	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.99	
22 11 16 00-0611	EA		2" Copper Cap	36.82	16.72
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.08	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.72	
			<i>For Work In Restricted Working Space, Add</i>	7.43	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.32	
22 11 16 00-0612	EA		2-1/2" Copper Cap	73.77	25.43
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.57	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.65	
			<i>For Work In Restricted Working Space, Add</i>	11.30	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.46	
22 11 16 00-0613	EA		3" Copper Cap	101.14	33.37
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.53	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.42	
			<i>For Work In Restricted Working Space, Add</i>	14.83	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.00	
22 11 16 00-0614	EA		4" Copper Cap	156.45	39.73
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.77	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.83	
			<i>For Work In Restricted Working Space, Add</i>	17.66	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.71	
22 11 16 00-0615	EA		5" Cast Bronze Cap	767.70	54.52
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-42.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.26	
			<i>For Work In Restricted Working Space, Add</i>	24.52	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	46.56	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0616	EA 6" Cast Bronze Cap	1,471.31	70.64
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-78.80	
	For Brazed Fittings Instead Of 95/5 Solder, Add	15.69	
	For Work In Restricted Working Space, Add	31.39	
	For Silver Solder Instead Of 95/5 Solder, Add	84.03	
22 11 16 00-0617	EA 8" Cast Bronze Cap	1,885.19	101.70
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-101.79	
	For Brazed Fittings Instead Of 95/5 Solder, Add	22.60	
	For Work In Restricted Working Space, Add	45.20	
	For Silver Solder Instead Of 95/5 Solder, Add	109.33	
22 11 16 00-0618	Copper Crosses (22 11 16 00-0436)		
22 11 16 00-0619	EA 1/2" Copper Cross	74.17	41.44
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.82	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
	For Work In Restricted Working Space, Add	18.65	
	For Silver Solder Instead Of 95/5 Solder, Add	9.92	
22 11 16 00-0620	EA 3/4" Copper Cross	100.56	51.52
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.89	
	For Brazed Fittings Instead Of 95/5 Solder, Add	11.58	
	For Work In Restricted Working Space, Add	23.17	
	For Silver Solder Instead Of 95/5 Solder, Add	12.75	
22 11 16 00-0621	EA 1" Copper Cross	131.94	61.49
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-11.21	
	For Brazed Fittings Instead Of 95/5 Solder, Add	13.84	
	For Work In Restricted Working Space, Add	27.69	
	For Silver Solder Instead Of 95/5 Solder, Add	15.83	
22 11 16 00-0622	EA 1-1/4" Copper Cross	156.81	66.58
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.83	
	For Brazed Fittings Instead Of 95/5 Solder, Add	14.97	
	For Work In Restricted Working Space, Add	29.95	
	For Silver Solder Instead Of 95/5 Solder, Add	17.82	
22 11 16 00-0623	EA 1-1/2" Copper Cross	190.48	72.80
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.99	
	For Brazed Fittings Instead Of 95/5 Solder, Add	16.39	
	For Work In Restricted Working Space, Add	32.78	
	For Silver Solder Instead Of 95/5 Solder, Add	20.45	
22 11 16 00-0624	EA 2" Copper Cross	275.87	81.65
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-19.91	
	For Brazed Fittings Instead Of 95/5 Solder, Add	18.36	
	For Work In Restricted Working Space, Add	36.73	
	For Silver Solder Instead Of 95/5 Solder, Add	26.04	
22 11 16 00-0625	EA 2-1/2" Copper Cross	489.33	90.41
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-31.25	
	For Brazed Fittings Instead Of 95/5 Solder, Add	20.34	
	For Work In Restricted Working Space, Add	40.68	
	For Silver Solder Instead Of 95/5 Solder, Add	38.03	
22 11 16 00-0626	Cast Bronze Crosses (22 11 16 00-0436)		
22 11 16 00-0627	EA 3/8" Cast Bronze Cross.....	61.21	30.13
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.32	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.78	
	For Work In Restricted Working Space, Add	13.56	
	For Silver Solder Instead Of 95/5 Solder, Add	7.58	
22 11 16 00-0628	EA 1/2" Cast Bronze Cross.....	76.57	41.44
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.94	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
	For Work In Restricted Working Space, Add	18.65	
	For Silver Solder Instead Of 95/5 Solder, Add	10.04	
22 11 16 00-0629	EA 3/4" Cast Bronze Cross.....	105.23	51.52
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.12	
	For Brazed Fittings Instead Of 95/5 Solder, Add	11.58	
	For Work In Restricted Working Space, Add	23.17	
	For Silver Solder Instead Of 95/5 Solder, Add	12.98	
22 11 16 00-0630	EA 1" Cast Bronze Cross.....	139.86	61.49
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-11.61	
	For Brazed Fittings Instead Of 95/5 Solder, Add	13.84	
	For Work In Restricted Working Space, Add	27.69	
	For Silver Solder Instead Of 95/5 Solder, Add	16.22	
22 11 16 00-0631	EA 1-1/4" Cast Bronze Cross	168.21	66.58
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-13.40	
	For Brazed Fittings Instead Of 95/5 Solder, Add	14.97	
	For Work In Restricted Working Space, Add	29.95	
	For Silver Solder Instead Of 95/5 Solder, Add	18.39	
22 11 16 00-0632	EA 1-1/2" Cast Bronze Cross	206.72	72.80
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-15.80	
	For Brazed Fittings Instead Of 95/5 Solder, Add	16.39	
	For Work In Restricted Working Space, Add	32.78	
	For Silver Solder Instead Of 95/5 Solder, Add	21.26	
22 11 16 00-0633	EA 2" Cast Bronze Cross.....	306.56	81.65
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-21.45	
	For Brazed Fittings Instead Of 95/5 Solder, Add	18.36	
	For Work In Restricted Working Space, Add	36.73	
	For Silver Solder Instead Of 95/5 Solder, Add	27.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0634	EA		2-1/2" Cast Bronze Cross <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	560.88 -34.78 20.34 40.68 41.57	90.41
22 11 16 00-0635			Flexible Corrugated Copper Supply Line (22 11 16 00-0436)		
22 11 16 00-0636	EA		3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	78.10	28.02
22 11 16 00-0637	EA		3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	82.45	28.02
22 11 16 00-0638	EA		3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	70.27	28.02
22 11 16 00-0639	EA		3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	75.20	28.02
22 11 16 00-0640	EA		3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	79.55	28.02
22 11 16 00-0641	EA		3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	82.45	28.02
22 11 16 00-0642			Crimped Copper Fittings (22 11 16 00-0368) Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.		
22 11 16 00-0643			Crimped Copper 90 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0644	EA		1/2" Crimped Copper 90 Degree Elbow	20.36	12.28
22 11 16 00-0645	EA		3/4" Crimped Copper 90 Degree Elbow	24.27	14.02
22 11 16 00-0646	EA		1" Crimped Copper 90 Degree Elbow	31.69	16.67
22 11 16 00-0647	EA		1-1/4" Crimped Copper 90 Degree Elbow	41.02	18.41
22 11 16 00-0648	EA		1-1/2" Crimped Copper 90 Degree Elbow	56.05	20.45
22 11 16 00-0649	EA		2" Crimped Copper 90 Degree Elbow	72.08	24.54
22 11 16 00-0650	EA		2-1/2" Crimped Copper 90 Degree Elbow	145.37	28.63
22 11 16 00-0651	EA		3" Crimped Copper 90 Degree Elbow	179.99	34.05
22 11 16 00-0652	EA		4" Crimped Copper 90 Degree Elbow	226.92	45.00
22 11 16 00-0653			Crimped Copper 45 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0654	EA		1/2" Crimped Copper 45 Degree Elbow	20.69	12.28
22 11 16 00-0655	EA		3/4" Crimped Copper 45 Degree Elbow	23.76	14.02
22 11 16 00-0656	EA		1" Crimped Copper 45 Degree Elbow	34.03	16.67
22 11 16 00-0657	EA		1-1/4" Crimped Copper 45 Degree Elbow	40.50	18.41
22 11 16 00-0658	EA		1-1/2" Crimped Copper 45 Degree Elbow	51.56	20.45
22 11 16 00-0659	EA		2" Crimped Copper 45 Degree Elbow	66.03	24.54
22 11 16 00-0660	EA		2-1/2" Crimped Copper 45 Degree Elbow	110.61	28.63
22 11 16 00-0661	EA		3" Crimped Copper 45 Degree Elbow	147.79	34.05
22 11 16 00-0662	EA		4" Crimped Copper 45 Degree Elbow	201.74	45.00
22 11 16 00-0663			Crimped Copper Straight Tees (22 11 16 00-0642)		
22 11 16 00-0664	EA		1/2" Crimped Copper Straight Tee	30.61	18.41
22 11 16 00-0665	EA		3/4" Crimped Copper Straight Tee	41.57	24.24
22 11 16 00-0666	EA		1" Crimped Copper Straight Tee	49.90	26.89
22 11 16 00-0667	EA		1-1/4" Crimped Copper Straight Tee	57.49	27.62
22 11 16 00-0668	EA		1-1/2" Crimped Copper Straight Tee	78.26	31.40
22 11 16 00-0669	EA		2" Crimped Copper Straight Tee	93.80	36.82
22 11 16 00-0670	EA		2-1/2" Crimped Copper Straight Tee	190.98	42.95
22 11 16 00-0671	EA		3" Crimped Copper Straight Tee	234.87	51.13
22 11 16 00-0672	EA		4" Crimped Copper Straight Tee	323.19	67.50
22 11 16 00-0673			Crimped Copper Reducing Tees (22 11 16 00-0642)		
22 11 16 00-0674	EA		3/4" Crimped Copper Reducing Tee	34.41	17.48
22 11 16 00-0675	EA		1" Crimped Copper Reducing Tee	48.90	23.01
22 11 16 00-0676	EA		1-1/4" Crimped Copper Reducing Tee	53.06	25.57
22 11 16 00-0677	EA		1-1/2" Crimped Copper Reducing Tee	67.09	26.28
22 11 16 00-0678	EA		2" Crimped Copper Reducing Tee	79.76	29.76
22 11 16 00-0679	EA		2-1/2" Crimped Copper Reducing Tee	199.78	33.75
22 11 16 00-0680	EA		3" Crimped Copper Reducing Tee	243.33	40.91
22 11 16 00-0681	EA		4" Crimped Copper Reducing Tee	288.85	54.51
22 11 16 00-0682			Crimped Copper Couplings (22 11 16 00-0642)		
22 11 16 00-0683	EA		1/2" Crimped Copper Coupling	20.17	12.28
22 11 16 00-0684	EA		3/4" Crimped Copper Coupling	23.63	14.02
22 11 16 00-0685	EA		1" Crimped Copper Coupling	30.45	16.67
22 11 16 00-0686	EA		1-1/4" Crimped Copper Coupling	34.32	18.41
22 11 16 00-0687	EA		1-1/2" Crimped Copper Coupling	43.17	20.45
22 11 16 00-0688	EA		2" Crimped Copper Coupling	52.76	24.54
22 11 16 00-0689	EA		2-1/2" Crimped Copper Coupling	93.96	28.63
22 11 16 00-0690	EA		3" Crimped Copper Coupling	116.09	34.05
22 11 16 00-0691	EA		4" Crimped Copper Coupling	157.71	45.00
22 11 16 00-0692			Crimped Copper Reducing Couplings (22 11 16 00-0642)		
22 11 16 00-0693	EA		3/4" Crimped Copper Reducing Coupling	25.48	11.66
22 11 16 00-0694	EA		1" Crimped Copper Reducing Coupling	29.13	13.29
22 11 16 00-0695	EA		1-1/4" Crimped Copper Reducing Coupling	37.17	15.85
22 11 16 00-0696	EA		1-1/2" Crimped Copper Reducing Coupling	45.92	17.48
22 11 16 00-0697	EA		2" Crimped Copper Reducing Coupling	51.27	19.43

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0698	EA		2-1/2" Crimped Copper FTG x C Reducing Coupling.....	95.04	23.21
22 11 16 00-0699	EA		3" Crimped Copper FTG x C Reducing Coupling.....	117.77	27.31
22 11 16 00-0700	EA		4" Crimped Copper FTG x C Reducing Coupling.....	153.36	36.10
22 11 16 00-0701			Crimped Copper Male Adapters (22 11 16 00-0642)		
22 11 16 00-0702	EA		1/2" Crimped Copper Male Adapter.....	20.56	12.28
22 11 16 00-0703	EA		3/4" Crimped Copper Male Adapter.....	24.86	14.02
22 11 16 00-0704	EA		1" Crimped Copper Male Adapter.....	32.20	16.67
22 11 16 00-0705	EA		1-1/4" Crimped Copper Male Adapter.....	43.30	18.41
22 11 16 00-0706	EA		1-1/2" Crimped Copper Male Adapter.....	52.67	20.45
22 11 16 00-0707	EA		2" Crimped Copper Male Adapter.....	79.17	24.54
22 11 16 00-0708	EA		2-1/2" Crimped Copper Male Adapter.....	145.37	28.63
22 11 16 00-0709	EA		3" Crimped Copper Male Adapter.....	179.99	34.05
22 11 16 00-0710	EA		4" Crimped Copper Male Adapter.....	216.66	45.00
22 11 16 00-0711			Crimped Copper Female Adapters (22 11 16 00-0642)		
22 11 16 00-0712	EA		1/2" Crimped Copper Female Adapter.....	21.01	12.28
22 11 16 00-0713	EA		3/4" Crimped Copper Female Adapter.....	25.19	14.02
22 11 16 00-0714	EA		1" Crimped Copper Female Adapter.....	32.86	16.67
22 11 16 00-0715	EA		1-1/4" Crimped Copper Female Adapter.....	45.25	18.41
22 11 16 00-0716	EA		1-1/2" Crimped Copper Female Adapter.....	56.31	20.45
22 11 16 00-0717	EA		2" Crimped Copper Female Adapter.....	80.34	24.54
22 11 16 00-0718			Crimped Copper Caps (22 11 16 00-0642)		
22 11 16 00-0719	EA		1/2" Crimped Copper Cap.....	12.98	6.13
22 11 16 00-0720	EA		3/4" Crimped Copper Cap.....	17.11	7.16
22 11 16 00-0721	EA		1" Crimped Copper Cap.....	22.10	8.18
22 11 16 00-0722	EA		1-1/4" Crimped Copper Cap.....	24.92	9.21
22 11 16 00-0723	EA		1-1/2" Crimped Copper Cap.....	33.09	10.54
22 11 16 00-0724	EA		2" Crimped Copper Cap.....	39.35	12.28
22 11 16 00-0725	EA		2-1/2" Crimped Copper Cap.....	88.45	14.32
22 11 16 00-0726	EA		3" Crimped Copper Cap.....	110.33	17.08
22 11 16 00-0727	EA		4" Crimped Copper Cap.....	146.69	22.50
22 11 16 00-0728			C x F NPT Crimped Bronze Unions (22 11 16 00-0642)		
22 11 16 00-0729	EA		1/2" C x F NPT Crimped Bronze Union.....	36.11	16.67
22 11 16 00-0730	EA		3/4" C x F NPT Crimped Bronze Union.....	44.97	20.56
22 11 16 00-0731	EA		1" C x F NPT Crimped Bronze Union.....	60.47	24.65
22 11 16 00-0732	EA		1-1/4" C x F NPT Crimped Bronze Union.....	72.55	28.43
22 11 16 00-0733	EA		1-1/2" C x F NPT Crimped Bronze Union.....	88.56	27.82
22 11 16 00-0734	EA		2" C x F NPT Crimped Bronze Union.....	122.40	40.30
22 11 16 00-0735			C x C Crimped Bronze Unions (22 11 16 00-0642)		
22 11 16 00-0736	EA		1/2" C x C Bronze Crimped Union.....	32.20	12.28
22 11 16 00-0737	EA		3/4" C x C Bronze Crimped Union.....	39.04	14.02
22 11 16 00-0738	EA		1" C x C Bronze Crimped Union.....	53.93	16.67
22 11 16 00-0739	EA		1-1/4" C x C Bronze Crimped Union.....	68.86	18.41
22 11 16 00-0740	EA		1-1/2" C x C Bronze Crimped Union.....	86.69	20.45
22 11 16 00-0741	EA		2" C x C Bronze Crimped Union.....	128.29	24.54
22 11 16 00-0742			C x Flange Crimped Bronze Flange (22 11 16 00-0642)		
22 11 16 00-0743	EA		2-1/2" C x Flange Crimped Bronze Flange.....	238.79	28.63
22 11 16 00-0744	EA		3" C x Flange Crimped Bronze Flange.....	261.92	34.05
22 11 16 00-0745	EA		4" C x Flange Crimped Bronze Flange.....	303.47	45.00
22 11 16 00-0746			Field Installed FKM Seals (22 11 16 00-0642)		
22 11 16 00-0747	EA		1/2" Field Installed FKM Seal.....	5.70	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0748	EA		3/4" Field Installed FKM Seal.....	7.06	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0749	EA		1" Field Installed FKM Seal.....	8.08	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0750	EA		1-1/4" Field Installed FKM Seal.....	9.25	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0751	EA		1-1/2" Field Installed FKM Seal.....	12.35	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0752	EA		2" Field Installed FKM Seal.....	13.89	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0753	EA		2-1/2" Field Installed FKM Seal.....	19.65	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0754	EA		3" Field Installed FKM Seal.....	22.74	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0755	EA		4" Field Installed FKM Seal.....	30.79	
			Note: To be used in conjunction with fittings.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0756	Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0368)		
22 11 16 00-0757	EA Up To 1/2", Cut And Prepare Existing In Place Copper Pipe.....	10.22	
22 11 16 00-0758	EA 3/4", Cut And Prepare Existing In Place Copper Pipe.....	11.05	
22 11 16 00-0759	EA 1", Cut And Prepare Existing In Place Copper Pipe.....	12.43	
22 11 16 00-0760	EA 1-1/4", Cut And Prepare Existing In Place Copper Pipe.....	13.04	
22 11 16 00-0761	EA 1-1/2", Cut And Prepare Existing In Place Copper Pipe.....	13.80	
22 11 16 00-0762	EA 2", Cut And Prepare Existing In Place Copper Pipe.....	15.19	
22 11 16 00-0763	EA 2-1/2", Cut And Prepare Existing In Place Copper Pipe.....	16.37	
22 11 16 00-0764	EA 3", Cut And Prepare Existing In Place Copper Pipe.....	19.33	
22 11 16 00-0765	EA 4", Cut And Prepare Existing In Place Copper Pipe.....	26.08	
22 11 16 00-0766	EA 6", Cut And Prepare Existing In Place Copper Pipe.....	37.27	
22 11 16 00-0767	EA 8", Cut And Prepare Existing In Place Copper Pipe.....	49.71	
22 11 16 00-0768	Sweat Brass Companion Flanges (22 11 16 00-0368)		
22 11 16 00-0769	EA 1" Sweat Brass Companion Flange.....	56.69	15.73
22 11 16 00-0770	EA 1-1/4" Sweat Brass Companion Flange.....	61.88	17.33
22 11 16 00-0771	EA 1-1/2" Sweat Brass Companion Flange.....	88.23	18.84
22 11 16 00-0772	EA 2" Sweat Brass Companion Flange.....	117.90	20.91
22 11 16 00-0773	EA 2-1/2" Sweat Brass Companion Flange.....	149.00	25.14
22 11 16 00-0774	EA 3" Sweat Brass Companion Flange.....	164.66	32.96
22 11 16 00-0775	EA 4" Sweat Brass Companion Flange.....	219.64	39.28
22 11 16 00-0776	EA 5" Sweat Brass Companion Flange.....	411.20	46.07
22 11 16 00-0777	EA 6" Sweat Brass Companion Flange.....	475.11	66.94
22 11 16 00-0778	EA 8" Copper Companion Flange.....	1,091.67	95.48
22 11 16 00-0779	Brass Compression Fittings (22 11 16 00-0368)		
22 11 16 00-0780	Brass Compression Unions (22 11 16 00-0779)		
22 11 16 00-0781	EA 1/4" Brass Compression Union.....	17.45	11.05
22 11 16 00-0782	EA 3/8" Brass Compression Union.....	17.70	11.05
22 11 16 00-0783	EA 1/2" Brass Compression Union.....	18.43	11.05
22 11 16 00-0784	EA 5/8" Brass Compression Union.....	18.78	11.05
22 11 16 00-0785	EA 3/4" Brass Compression Union.....	23.72	11.05
22 11 16 00-0786	EA 3/8" x 1/4" Brass Compression Union.....	17.86	11.05
22 11 16 00-0787	EA 1/2" x 3/8" Brass Compression Union.....	18.49	11.05
22 11 16 00-0788	EA 5/8" x 3/8" Brass Compression Union.....	18.93	11.05
22 11 16 00-0789	EA 5/8" x 1/2" Brass Compression Union.....	19.63	11.05
22 11 16 00-0790	Brass Compression Union Elbows (22 11 16 00-0779)		
22 11 16 00-0791	EA 1/4" Brass Compression Union Elbow.....	18.43	11.05
22 11 16 00-0792	EA 3/8" Brass Compression Union Elbow.....	18.83	11.05
22 11 16 00-0793	EA 1/2" Brass Compression Union Elbow.....	19.71	11.05
22 11 16 00-0794	EA 5/8" Brass Compression Union Elbow.....	21.07	11.05
22 11 16 00-0795	EA 3/4" Brass Compression Union Elbow.....	26.37	11.05
22 11 16 00-0796	EA 3/8" x 1/4" Brass Compression Union Elbow.....	18.83	11.05
22 11 16 00-0797	EA 1/2" x 3/8" Brass Compression Union Elbow.....	19.71	11.05
22 11 16 00-0798	EA 5/8" x 3/8" Brass Compression Union Elbow.....	19.95	11.05
22 11 16 00-0799	EA 5/8" x 1/2" Brass Compression Union Elbow.....	23.94	11.05
22 11 16 00-0800	Brass Compression Union Tees (22 11 16 00-0779)		
22 11 16 00-0801	EA 1/4" Brass Compression Union Tee.....	18.74	11.05
22 11 16 00-0802	EA 3/8" Brass Compression Union Tee.....	19.56	11.05
22 11 16 00-0803	EA 1/2" Brass Compression Union Tee.....	20.44	11.05
22 11 16 00-0804	EA 5/8" Brass Compression Union Tee.....	23.21	11.05
22 11 16 00-0805	EA 3/4" Brass Compression Union Tee.....	32.78	11.05
22 11 16 00-0806	EA 3/8" x 3/8" x 1/4" Brass Compression Union Tee.....	20.15	11.05
22 11 16 00-0807	EA 1/2" x 1/2" x 3/8" Brass Compression Union Tee.....	24.64	11.05
22 11 16 00-0808	EA 5/8" x 5/8" x 3/8" Brass Compression Union Tee.....	24.21	11.05
22 11 16 00-0809	EA 5/8" x 5/8" x 1/2" Brass Compression Union Tee.....	24.71	11.05
22 11 16 00-0810	Brass Compression Male Connectors (22 11 16 00-0779)		
22 11 16 00-0811	EA 1/4" Brass Compression Male Connector.....	17.28	11.05
22 11 16 00-0812	EA 3/8" Brass Compression Male Connector.....	17.60	11.05
22 11 16 00-0813	EA 1/2" Brass Compression Male Connector.....	18.15	11.05
22 11 16 00-0814	EA 5/8" Brass Compression Male Connector.....	18.98	11.05
22 11 16 00-0815	EA 3/4" Brass Compression Male Connector.....	21.56	10.94
22 11 16 00-0816	Brass Compression Female Connectors (22 11 16 00-0779)		
22 11 16 00-0817	EA 1/4" Brass Compression Female Connector.....	17.63	11.05
22 11 16 00-0818	EA 3/8" Brass Compression Female Connector.....	18.04	11.05
22 11 16 00-0819	EA 1/2" Brass Compression Female Connector.....	18.75	11.05
22 11 16 00-0820	EA 5/8" Brass Compression Female Connector.....	19.20	11.05
22 11 16 00-0821	EA 3/4" Brass Compression Female Connector.....	26.52	10.84
22 11 16 00-0822	Dielectric Fittings (22 11 16 00-0368)		
22 11 16 00-0823	Copper x Female Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0824	EA		1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	44.12	24.54
22 11 16 00-0825	EA		3/4" Copper x Female Iron Pipe Thread Dielectric Union.....	49.23	28.02
22 11 16 00-0826	EA		1" Copper x Female Iron Pipe Thread Dielectric Union.....	58.84	30.80
22 11 16 00-0827	EA		1-1/4" Copper x Female Iron Pipe Thread Dielectric Union.....	71.66	33.90
22 11 16 00-0828	EA		1-1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	87.00	37.67
22 11 16 00-0829	EA		2" Copper x Female Iron Pipe Thread Dielectric Union.....	110.80	45.20
22 11 16 00-0830			Female Brass Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0831	EA		1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	48.73	24.54
22 11 16 00-0832	EA		3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	56.82	28.02
22 11 16 00-0833	EA		1" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	68.85	30.80
22 11 16 00-0834	EA		1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	84.94	33.90
22 11 16 00-0835	EA		1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	103.43	37.67
22 11 16 00-0836	EA		2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	130.07	45.20
22 11 16 00-0837			Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0838	EA		1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	45.81	24.54
22 11 16 00-0839	EA		3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	52.00	28.02
22 11 16 00-0840	EA		1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	59.57	30.80
22 11 16 00-0841	EA		1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	69.09	33.90
22 11 16 00-0842	EA		1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	84.46	37.67
22 11 16 00-0843	EA		2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	108.76	45.20
22 11 16 00-0844			Copper x Female Iron Pipe Thread Dielectric Flanges (22 11 16 00-0822)		
22 11 16 00-0845	EA		2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	269.08	116.21
22 11 16 00-0846	EA		3" Copper x Female Iron Pipe Thread Dielectric Flange.....	336.77	146.35
22 11 16 00-0847	EA		4" Copper x Female Iron Pipe Thread Dielectric Flange.....	475.59	199.18
22 11 16 00-0848			Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges (22 11 16 00-0822)		
22 11 16 00-0849	EA		2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	270.99	116.21
22 11 16 00-0850	EA		3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	351.88	146.35
22 11 16 00-0851	EA		4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	649.95	199.18
22 11 16 00-0852			Brass Push-Fit Fittings (22 11 16)		
22 11 16 00-0853	EA		1/4" x 1/4" Brass Push-Fit Coupling..... Note: (Sharkbite)	20.04	10.22
22 11 16 00-0854	EA		3/8" x 3/8" Brass Push-Fit Coupling..... Note: (Sharkbite)	24.10	10.91
22 11 16 00-0855	EA		1/2" x 1/2" Brass Push-Fit Coupling..... Note: (Sharkbite)	25.40	12.28
22 11 16 00-0856	EA		5/8" x 5/8" Brass Push-Fit Coupling..... Note: (Sharkbite)	28.78	13.09
22 11 16 00-0857	EA		3/4" x 3/4" Brass Push-Fit Coupling..... Note: (Sharkbite)	29.60	13.99
22 11 16 00-0858	EA		1" x 1" Brass Push-Fit Coupling..... Note: (Sharkbite)	40.32	16.70
22 11 16 00-0859	EA		1/2" x 3/8" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	24.74	11.59
22 11 16 00-0860	EA		3/4" x 5/8" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	28.32	12.68
22 11 16 00-0861	EA		1" x 3/4" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	40.63	15.34
22 11 16 00-0862	EA		1/4" x 1/4" Brass Push-Fit Elbow..... Note: (Sharkbite)	20.72	10.22
22 11 16 00-0863	EA		3/8" x 3/8" Brass Push-Fit Elbow..... Note: (Sharkbite)	26.99	10.91
22 11 16 00-0864	EA		1/2" x 1/2" Brass Push-Fit Elbow..... Note: (Sharkbite)	25.77	12.28
22 11 16 00-0865	EA		5/8" x 5/8" Brass Push-Fit Elbow..... Note: (Sharkbite)	30.46	13.09
22 11 16 00-0866	EA		3/4" x 3/4" Brass Push-Fit Elbow..... Note: (Sharkbite)	29.12	13.99
22 11 16 00-0867	EA		1" x 1" Brass Push-Fit Elbow..... Note: (Sharkbite)	40.69	16.70
22 11 16 00-0868	EA		1/2" x 3/8" Brass Push-Fit Reducing Elbow..... Note: (Sharkbite)	24.43	11.59
22 11 16 00-0869	EA		3/4" x 1/2" Brass Push-Fit Reducing Elbow..... Note: (Sharkbite)	27.12	12.68
22 11 16 00-0870	EA		1" x 3/4" Brass Push-Fit Reducing Elbow..... Note: (Sharkbite)	48.92	15.34
22 11 16 00-0871	EA		1/4" x 1/4" x 1/4" Brass Push-Fit Tee..... Note: (Sharkbite)	31.36	15.34
22 11 16 00-0872	EA		3/8" x 3/8" x 3/8" Brass Push-Fit Tee..... Note: (Sharkbite)	38.37	16.37
22 11 16 00-0873	EA		1/2" x 1/2" x 1/2" Brass Push-Fit Tee..... Note: (Sharkbite)	36.65	18.41
22 11 16 00-0874	EA		5/8" x 5/8" x 5/8" Brass Push-Fit Tee..... Note: (Sharkbite)	44.98	19.64
22 11 16 00-0875	EA		3/4" x 3/4" x 3/4" Brass Push-Fit Tee..... Note: (Sharkbite)	42.52	20.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0876	EA		1" x 1" x 1" Brass Push-Fit Tee..... Note: (Sharkbite)	56.54	25.05
22 11 16 00-0877	EA		1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee..... Note: (Sharkbite)	39.68	17.38
22 11 16 00-0878	EA		1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee..... Note: (Sharkbite)	40.01	17.73
22 11 16 00-0879	EA		3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee..... Note: (Sharkbite)	40.99	20.12
22 11 16 00-0880	EA		1" x 1" x 3/4" Brass Push-Fit Reducing Tee..... Note: (Sharkbite)	54.59	23.70
22 11 16 00-0881	EA		1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector..... Note: (Sharkbite)	23.45	11.25
22 11 16 00-0882	EA		3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector..... Note: (Sharkbite)	23.38	11.59
22 11 16 00-0883	EA		1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector..... Note: (Sharkbite)	23.47	12.28
22 11 16 00-0884	EA		3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector..... Note: (Sharkbite)	26.83	13.99
22 11 16 00-0885	EA		1" x 1" Brass Push-Fit Pipe To FNPT Connector..... Note: (Sharkbite)	36.43	16.70
22 11 16 00-0886	EA		1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	21.12	11.25
22 11 16 00-0887	EA		3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	23.38	11.59
22 11 16 00-0888	EA		1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	23.52	12.28
22 11 16 00-0889	EA		3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	26.62	13.99
22 11 16 00-0890	EA		5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	28.21	13.53
22 11 16 00-0891	EA		1" x 3/4" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	33.46	15.34
22 11 16 00-0892	EA		1" x 1" Brass Push-Fit Pipe To MNPT Connector..... Note: (Sharkbite)	36.86	16.70
22 11 16 00-0893	EA		1/2" Brass Push-Fit Ball Valve..... Note: (Sharkbite)	31.51	12.28
22 11 16 00-0894	EA		3/4" Brass Push-Fit Ball Valve..... Note: (Sharkbite)	36.67	13.99
22 11 16 00-0895	EA		1" Brass Push-Fit Ball Valve..... Note: (Sharkbite)	47.67	16.70
22 11 16 00-0896	EA		1/2" Brass Push-Fit Check Valve..... Note: (Sharkbite)	33.37	12.28
22 11 16 00-0897	EA		3/4" Brass Push-Fit Check Valve..... Note: (Sharkbite)	39.82	13.99
22 11 16 00-0898	EA		1" Brass Push-Fit Check Valve..... Note: (Sharkbite)	64.07	16.70
22 11 16 00-0899			Copper Pipe Assemblies <small>(22 11 16)</small> Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0900	LF		1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.19 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.02 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.56 <i>For For Brazed Fittings, Add</i> 0.64 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.76 <i>For Work In Restricted Working Space, Add</i> 4.80	19.17	2.87
22 11 16 00-0901	LF		3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.36 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.16 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.90 <i>For For Brazed Fittings, Add</i> 0.73 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.00 <i>For Work In Restricted Working Space, Add</i> 5.44	21.78	3.68
22 11 16 00-0902	LF		1" Inside Diameter Copper Pipe/Tubing Type L Assembly..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.56 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.31 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.08 <i>For For Brazed Fittings, Add</i> 0.76 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.13 <i>For Work In Restricted Working Space, Add</i> 5.70	23.58	4.39
22 11 16 00-0903	LF		1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.89 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.55 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.28 <i>For For Brazed Fittings, Add</i> 0.79 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.29 <i>For Work In Restricted Working Space, Add</i> 5.92 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -0.63	26.05	5.12

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 UNIT COST UNIT COST

22 11 16 00-0904	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	28.58	5.83
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	2.16	
		For Type M Tubing Instead Of Type L, Deduct	-1.75	
		For Silver Solder Instead Of 95/5 Solder, Add	3.53	
		For For Brazed Fittings, Add	0.84	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.48	
		For Work In Restricted Working Space, Add	6.32	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-0.75	
22 11 16 00-0905	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly	35.01	7.26
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	2.85	
		For Type M Tubing Instead Of Type L, Deduct	-2.26	
		For Silver Solder Instead Of 95/5 Solder, Add	4.17	
		For For Brazed Fittings, Add	0.97	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.96	
		For Work In Restricted Working Space, Add	7.27	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-1.08	
22 11 16 00-0906	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	42.09	8.76
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	3.85	
		For Type M Tubing Instead Of Type L, Deduct	-2.97	
		For Silver Solder Instead Of 95/5 Solder, Add	4.70	
		For For Brazed Fittings, Add	1.04	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.40	
		For Work In Restricted Working Space, Add	7.79	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-1.61	
22 11 16 00-0907	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly	50.44	10.17
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	5.01	
		For Type M Tubing Instead Of Type L, Deduct	-3.80	
		For Silver Solder Instead Of 95/5 Solder, Add	5.34	
		For For Brazed Fittings, Add	1.13	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.93	
		For Work In Restricted Working Space, Add	8.44	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-2.23	
22 11 16 00-0908	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly	76.54	13.47
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	8.46	
		For Type M Tubing Instead Of Type L, Deduct	-6.27	
		For Silver Solder Instead Of 95/5 Solder, Add	7.47	
		For For Brazed Fittings, Add	1.46	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.65	
		For Work In Restricted Working Space, Add	10.92	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-4.02	
22 11 16 00-0909	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly	138.18	16.77
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	17.82	
		For Type M Tubing Instead Of Type L, Deduct	-12.84	
		For Silver Solder Instead Of 95/5 Solder, Add	11.58	
		For For Brazed Fittings, Add	1.87	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.24	
		For Work In Restricted Working Space, Add	14.01	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-9.15	
22 11 16 00-0910	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly	180.30	20.25
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	23.47	
		For Type M Tubing Instead Of Type L, Deduct	-16.89	
		For Silver Solder Instead Of 95/5 Solder, Add	14.95	
		For For Brazed Fittings, Add	2.37	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-11.98	
		For Work In Restricted Working Space, Add	17.80	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-12.10	
22 11 16 00-0911	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly	411.84	24.20
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	61.92	
		For Type M Tubing Instead Of Type L, Deduct	-43.52	
		For Silver Solder Instead Of 95/5 Solder, Add	27.97	
		For For Brazed Fittings, Add	2.95	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-24.28	
		For Work In Restricted Working Space, Add	22.12	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-33.81	
22 11 16 00-0912		Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16)</small>		
		Note: Socket weld.		
22 11 16 00-0913		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16 00-0912)</small>		
22 11 16 00-0914		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe <small>(22 11 16 00-0913)</small>		
22 11 16 00-0915	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	5.42	1.51
		For Work In Restricted Working Space, Add	1.13	

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22 11 16 00-0916	LF		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.22 1.19	1.58
22 11 16 00-0917	LF		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.57 1.28	1.70
22 11 16 00-0918	LF		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	9.25 1.40	1.85
22 11 16 00-0919	LF		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	10.70 1.54	2.05
22 11 16 00-0920	LF		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	13.43 1.72	2.29
22 11 16 00-0921	LF		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	18.31 1.96	2.61
22 11 16 00-0922	LF		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	23.45 2.31	3.09
22 11 16 00-0923	LF		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	32.57 2.85	3.79
22 11 16 00-0924	LF		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	56.71 3.62	4.82
22 11 16 00-0925	LF		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	81.68 4.75	6.33
22 11 16 00-0926			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0927	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	20.48 5.37	7.16
22 11 16 00-0928	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	26.63 6.78	9.04
22 11 16 00-0929	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	34.70 8.50	11.30
22 11 16 00-0930	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	47.67 10.62	14.13
22 11 16 00-0931	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	53.01 11.75	15.63
22 11 16 00-0932	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	62.36 13.11	15.63
22 11 16 00-0933	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	98.33 14.92	19.87
22 11 16 00-0934	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	111.58 17.63	23.55
22 11 16 00-0935	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	160.40 21.70	28.92
22 11 16 00-0936	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	202.31 27.58	36.73
22 11 16 00-0937	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	390.72 36.16	48.22
22 11 16 00-0938			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0939	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	21.77 5.37	7.16
22 11 16 00-0940	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	28.17 6.78	9.04
22 11 16 00-0941	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	37.22 8.50	11.30
22 11 16 00-0942	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	50.98 10.62	14.13
22 11 16 00-0943	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	57.04 11.75	15.63
22 11 16 00-0944	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	63.72 13.11	17.52
22 11 16 00-0945	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	99.19 14.92	19.87
22 11 16 00-0946	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	111.47 17.63	23.55
22 11 16 00-0947	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	144.62 21.70	28.92
22 11 16 00-0948	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	231.90 27.58	36.73
22 11 16 00-0949	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	411.67 36.16	48.22
22 11 16 00-0950			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees <small>(22 11 16 00-0913)</small>		
22 11 16 00-0951	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	31.55 8.05	10.73
22 11 16 00-0952	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	41.42 10.17	13.56
22 11 16 00-0953	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	51.80 12.77	17.05
22 11 16 00-0954	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	72.59 15.93	21.28
22 11 16 00-0955	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	81.10 17.63	23.55
22 11 16 00-0956	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	98.85 19.67	26.18
22 11 16 00-0957	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	129.29 22.38	29.85

22	Plumbing
22 10	Plumbing Piping
22 11	Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11	16 00-0958	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	147.67 26.45	35.22
22 11	16 00-0959	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	178.80 32.55	43.42
22 11	16 00-0960	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	275.26 41.36	55.19
22 11	16 00-0961	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	574.15 54.25	72.33
22 11 16 00-0962 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses (22 11 16 00-0913)					
22 11	16 00-0963	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	39.85 10.74	14.31
22 11	16 00-0964	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	51.67 13.56	18.08
22 11	16 00-0965	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	64.66 17.01	22.70
22 11	16 00-0966	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	87.60 21.25	28.34
22 11	16 00-0967	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	97.58 23.51	31.36
22 11	16 00-0968	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	116.07 26.22	34.94
22 11	16 00-0969	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	146.57 29.84	39.74
22 11	16 00-0970	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	168.80 35.26	46.99
22 11	16 00-0971	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	205.21 43.40	57.82
22 11	16 00-0972	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	302.16 55.15	73.55
22 11	16 00-0973	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	579.86 72.32	96.43
22 11 16 00-0974 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts (22 11 16 00-0913)					
22 11	16 00-0975	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	18.13 4.97	6.59
22 11	16 00-0976	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	25.34 6.70	8.95
22 11	16 00-0977	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	43.00 8.76	11.68
22 11	16 00-0978	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	48.60 9.69	12.90
22 11	16 00-0979	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	57.46 10.82	14.41
22 11	16 00-0980	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	62.45 12.32	16.38
22 11	16 00-0981	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	75.89 14.55	19.40
22 11	16 00-0982	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	103.59 17.91	23.83
22 11	16 00-0983	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	169.32 22.75	30.32
22 11	16 00-0984	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	380.77 29.84	39.74
22 11 16 00-0985 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts (22 11 16 00-0913)					
22 11	16 00-0986	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	21.91 3.53	4.71
22 11	16 00-0987	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	27.51 4.97	6.59
22 11	16 00-0988	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	34.04 6.70	8.95
22 11	16 00-0989	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	42.25 8.76	11.68
22 11	16 00-0990	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	49.71 9.69	12.90
22 11	16 00-0991	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	63.00 10.82	14.41
22 11	16 00-0992	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	98.61 12.32	16.38
22 11	16 00-0993	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	198.83 14.55	19.40
22 11	16 00-0994	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	296.63 17.91	23.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-0995			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <small>(22 11 16 00-0913)</small>		
22 11 16 00-0996	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	15.65	4.71
			<i>For Work In Restricted Working Space, Add</i>	3.53	
22 11 16 00-0997	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	21.83	6.59
			<i>For Work In Restricted Working Space, Add</i>	4.97	
22 11 16 00-0998	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	31.16	8.95
			<i>For Work In Restricted Working Space, Add</i>	6.70	
22 11 16 00-0999	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	42.25	11.68
			<i>For Work In Restricted Working Space, Add</i>	8.76	
22 11 16 00-1000	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	49.96	12.90
			<i>For Work In Restricted Working Space, Add</i>	9.69	
22 11 16 00-1001	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	59.94	14.41
			<i>For Work In Restricted Working Space, Add</i>	10.82	
22 11 16 00-1002	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	86.25	16.38
			<i>For Work In Restricted Working Space, Add</i>	12.32	
22 11 16 00-1003	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	103.14	19.40
			<i>For Work In Restricted Working Space, Add</i>	14.55	
22 11 16 00-1004	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	152.08	23.83
			<i>For Work In Restricted Working Space, Add</i>	17.91	
22 11 16 00-1005			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters <small>(22 11 16 00-0913)</small>		
22 11 16 00-1006	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	17.13	4.71
			<i>For Work In Restricted Working Space, Add</i>	3.53	
22 11 16 00-1007	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	22.30	6.59
			<i>For Work In Restricted Working Space, Add</i>	4.97	
22 11 16 00-1008	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	31.29	8.95
			<i>For Work In Restricted Working Space, Add</i>	6.70	
22 11 16 00-1009	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	42.68	11.68
			<i>For Work In Restricted Working Space, Add</i>	8.76	
22 11 16 00-1010	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	47.98	12.90
			<i>For Work In Restricted Working Space, Add</i>	9.69	
22 11 16 00-1011	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	58.32	14.41
			<i>For Work In Restricted Working Space, Add</i>	10.82	
22 11 16 00-1012	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	87.18	16.38
			<i>For Work In Restricted Working Space, Add</i>	12.32	
22 11 16 00-1013	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	119.46	19.40
			<i>For Work In Restricted Working Space, Add</i>	14.55	
22 11 16 00-1014	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	179.83	23.83
			<i>For Work In Restricted Working Space, Add</i>	17.91	
22 11 16 00-1015			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings <small>(22 11 16 00-0913)</small>		
22 11 16 00-1016	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	14.04	4.33
			<i>For Work In Restricted Working Space, Add</i>	3.22	
22 11 16 00-1017	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	19.74	6.02
			<i>For Work In Restricted Working Space, Add</i>	4.52	
22 11 16 00-1018	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	26.54	8.10
			<i>For Work In Restricted Working Space, Add</i>	6.08	
22 11 16 00-1019	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	35.93	10.64
			<i>For Work In Restricted Working Space, Add</i>	7.97	
22 11 16 00-1020	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	41.21	11.77
			<i>For Work In Restricted Working Space, Add</i>	8.81	
22 11 16 00-1021	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	46.50	13.10
			<i>For Work In Restricted Working Space, Add</i>	9.83	
22 11 16 00-1022	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	70.22	14.88
			<i>For Work In Restricted Working Space, Add</i>	11.19	
22 11 16 00-1023	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	77.32	17.61
			<i>For Work In Restricted Working Space, Add</i>	13.22	
22 11 16 00-1024	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	97.81	21.66
			<i>For Work In Restricted Working Space, Add</i>	16.27	
22 11 16 00-1025	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	154.89	27.59
			<i>For Work In Restricted Working Space, Add</i>	20.68	
22 11 16 00-1026	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	264.57	36.17
			<i>For Work In Restricted Working Space, Add</i>	27.12	
22 11 16 00-1027			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <small>(22 11 16 00-0913)</small>		
22 11 16 00-1028	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	26.99	5.18
			<i>For Work In Restricted Working Space, Add</i>	3.87	
22 11 16 00-1029	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	32.86	7.25
			<i>For Work In Restricted Working Space, Add</i>	5.42	
22 11 16 00-1030	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	39.54	9.70
			<i>For Work In Restricted Working Space, Add</i>	7.29	
22 11 16 00-1031	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	67.67	12.71
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-1032	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	71.71	14.13
			<i>For Work In Restricted Working Space, Add</i>	10.57	
22 11 16 00-1033	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	99.90	15.73
			<i>For Work In Restricted Working Space, Add</i>	11.81	
22 11 16 00-1034	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	170.27	17.89
			<i>For Work In Restricted Working Space, Add</i>	13.42	
22 11 16 00-1035	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	242.61	21.19
			<i>For Work In Restricted Working Space, Add</i>	15.88	

22 Plumbing
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1036	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	387.55 19.52	25.99
22 11 16 00-1037	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	518.21 24.80	33.06
22 11 16 00-1038	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	640.50 32.55	43.42
22 11 16 00-1039			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps (22 11 16 00-0913)		
22 11 16 00-1040	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	8.79 1.07	1.41
22 11 16 00-1041	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	14.93 2.26	3.02
22 11 16 00-1042	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	25.23 3.65	4.90
22 11 16 00-1043	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	27.63 3.98	5.27
22 11 16 00-1044	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	29.32 4.41	5.84
22 11 16 00-1045	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	39.94 4.91	6.59
22 11 16 00-1046	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	61.07 5.60	7.44
22 11 16 00-1047	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	65.43 6.61	8.85
22 11 16 00-1048	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	100.32 8.14	10.83
22 11 16 00-1049	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	216.58 10.34	13.75
22 11 16 00-1050	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	279.04 13.56	18.08
22 11 16 00-1051			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges (22 11 16 00-0913)		
22 11 16 00-1052	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	21.15 2.57	3.39
22 11 16 00-1053	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	25.54 3.62	4.81
22 11 16 00-1054	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	31.23 4.86	6.50
22 11 16 00-1055	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	36.74 6.38	8.48
22 11 16 00-1056	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	39.37 7.07	9.41
22 11 16 00-1057	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	47.21 7.85	10.45
22 11 16 00-1058	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	62.68 8.96	11.96
22 11 16 00-1059	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	71.02 10.57	14.13
22 11 16 00-1060	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	88.79 13.03	17.33
22 11 16 00-1061	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	126.51 16.56	22.04
22 11 16 00-1062	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	233.23 21.70	28.92
22 11 16 00-1063			Red Brass Pipe And Fittings (22 11 16)		
			Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1064			Schedule 40 Red Brass Pipe (22 11 16 00-1063)		
22 11 16 00-1065	LF		1/2" Schedule 40 Red Brass Pipe.....	13.48	1.98
22 11 16 00-1066	LF		3/4" Schedule 40 Red Brass Pipe.....	17.12	1.98
22 11 16 00-1067	LF		1" Schedule 40 Red Brass Pipe.....	22.53	1.98
22 11 16 00-1068	LF		1-1/4" Schedule 40 Red Brass Pipe.....	32.19	2.16
22 11 16 00-1069	LF		1-1/2" Schedule 40 Red Brass Pipe.....	36.86	2.35
22 11 16 00-1070	LF		2" Schedule 40 Red Brass Pipe.....	47.01	2.83
22 11 16 00-1071	LF		2-1/2" Schedule 40 Red Brass Pipe.....	67.36	3.20
22 11 16 00-1072	LF		3" Schedule 40 Red Brass Pipe.....	93.89	3.39
22 11 16 00-1073	LF		4" Schedule 40 Red Brass Pipe.....	133.36	3.39
22 11 16 00-1074			125 LB Cast Bronze, Screwed, 90 Degree Elbows (22 11 16 00-1063)		
22 11 16 00-1075	EA		1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	52.97	23.44
22 11 16 00-1076	EA		3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	59.70	25.81
22 11 16 00-1077	EA		1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	74.17	30.52
22 11 16 00-1078	EA		1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	87.03	32.77
22 11 16 00-1079	EA		1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	96.79	35.13
22 11 16 00-1080	EA		2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	117.75	37.49
22 11 16 00-1081	EA		2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	192.52	46.90
22 11 16 00-1082	EA		3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	263.35	56.22
22 11 16 00-1083	EA		4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	455.40	74.96
22 11 16 00-1084			125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows (22 11 16 00-1063)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1085	EA		1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	55.01	23.44
22 11 16 00-1086	EA		3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	62.67	25.81
22 11 16 00-1087	EA		1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	80.38	30.52
22 11 16 00-1088	EA		1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	95.15	32.77
22 11 16 00-1089	EA		1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	107.98	35.13
22 11 16 00-1090	EA		2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	142.18	37.49
22 11 16 00-1091	EA		2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	212.88	46.90
22 11 16 00-1092	EA		3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	325.91	56.22
22 11 16 00-1093	EA		4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	632.45	74.96
22 11 16 00-1094			125 LB Cast Bronze, Screwed, 45 Degree Elbows (22 11 16 00-1063)		
22 11 16 00-1095	EA		1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	54.01	23.44
22 11 16 00-1096	EA		3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	61.73	25.81
22 11 16 00-1097	EA		1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	78.25	30.52
22 11 16 00-1098	EA		1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	93.13	32.77
22 11 16 00-1099	EA		1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	104.92	35.13
22 11 16 00-1100	EA		2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	130.98	37.49
22 11 16 00-1101	EA		2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	200.64	46.90
22 11 16 00-1102	EA		3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	277.24	56.22
22 11 16 00-1103	EA		4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	591.31	74.96
22 11 16 00-1104			125 LB Cast Bronze, Screwed, Tees (22 11 16 00-1063)		
22 11 16 00-1105	EA		1/2" 125 LB Cast Bronze, Screwed, Tee	77.44	35.13
22 11 16 00-1106	EA		3/4" 125 LB Cast Bronze, Screwed, Tee	87.03	38.42
22 11 16 00-1107	EA		1" 125 LB Cast Bronze, Screwed, Tee	109.26	45.49
22 11 16 00-1108	EA		1-1/4" 125 LB Cast Bronze, Screwed, Tee	129.99	49.25
22 11 16 00-1109	EA		1-1/2" 125 LB Cast Bronze, Screwed, Tee	140.63	52.45
22 11 16 00-1110	EA		2" 125 LB Cast Bronze, Screwed, Tee	171.54	56.22
22 11 16 00-1111	EA		2-1/2" 125 LB Cast Bronze, Screwed, Tee	275.00	70.34
22 11 16 00-1112	EA		3" 125 LB Cast Bronze, Screwed, Tee	374.17	84.38
22 11 16 00-1113	EA		4" 125 LB Cast Bronze, Screwed, Tee	734.00	112.45
22 11 16 00-1114			125 LB Cast Bronze, Screwed, Reducing Tees (22 11 16 00-1063)		
22 11 16 00-1115	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	80.48	35.13
22 11 16 00-1116	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	89.08	38.42
22 11 16 00-1117	EA		1" 125 LB Cast Bronze, Screwed, Reducing Tee	117.41	45.49
22 11 16 00-1118	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	136.10	49.25
22 11 16 00-1119	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	156.92	52.45
22 11 16 00-1120	EA		2" 125 LB Cast Bronze, Screwed, Reducing Tee	196.99	56.22
22 11 16 00-1121	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	324.50	70.34
22 11 16 00-1122	EA		3" 125 LB Cast Bronze, Screwed, Reducing Tee	589.28	84.38
22 11 16 00-1123	EA		4" 125 LB Cast Bronze, Screwed, Reducing Tee	903.67	112.45
22 11 16 00-1124			125 LB Cast Bronze, Screwed, Crosses (22 11 16 00-1063)		
22 11 16 00-1125	EA		1/2" 125 LB Cast Bronze, Screwed, Cross	108.00	46.90
22 11 16 00-1126	EA		3/4" 125 LB Cast Bronze, Screwed, Cross	123.48	51.52
22 11 16 00-1127	EA		1" 125 LB Cast Bronze, Screwed, Cross	153.43	60.93
22 11 16 00-1128	EA		1-1/4" 125 LB Cast Bronze, Screwed, Cross	184.65	65.64
22 11 16 00-1129	EA		1-1/2" 125 LB Cast Bronze, Screwed, Cross	214.18	70.34
22 11 16 00-1130	EA		2" 125 LB Cast Bronze, Screwed, Cross	297.10	74.96
22 11 16 00-1131	EA		2-1/2" 125 LB Cast Bronze, Screwed, Cross	465.79	93.71
22 11 16 00-1132	EA		3" 125 LB Cast Bronze, Screwed, Cross	633.22	112.45
22 11 16 00-1133	EA		4" 125 LB Cast Bronze, Screwed, Cross	1,134.92	150.02
22 11 16 00-1134			125 LB Cast Bronze, Screwed, Caps (22 11 16 00-1063)		
22 11 16 00-1135	EA		1/2" 125 LB Cast Bronze, Screwed, Cap	41.56	18.74
22 11 16 00-1136	EA		3/4" 125 LB Cast Bronze, Screwed, Cap	47.28	21.09
22 11 16 00-1137	EA		1" 125 LB Cast Bronze, Screwed, Cap	57.99	24.39
22 11 16 00-1138	EA		1-1/4" 125 LB Cast Bronze, Screwed, Cap	69.72	26.74
22 11 16 00-1139	EA		1-1/2" 125 LB Cast Bronze, Screwed, Cap	78.59	28.62
22 11 16 00-1140	EA		2" 125 LB Cast Bronze, Screwed, Cap	97.59	30.52
22 11 16 00-1141	EA		2-1/2" 125 LB Cast Bronze, Screwed, Cap	142.17	37.49
22 11 16 00-1142	EA		3" 125 LB Cast Bronze, Screwed, Cap	197.61	46.90
22 11 16 00-1143	EA		4" 125 LB Cast Bronze, Screwed, Cap	319.93	60.93
22 11 16 00-1144			125 LB Cast Bronze, Screwed, Couplings (22 11 16 00-1063)		
22 11 16 00-1145	EA		1/2" 125 LB Cast Bronze, Screwed, Coupling	51.97	23.44
22 11 16 00-1146	EA		3/4" 125 LB Cast Bronze, Screwed, Coupling	58.70	25.81
22 11 16 00-1147	EA		1" 125 LB Cast Bronze, Screwed, Coupling	73.15	30.52
22 11 16 00-1148	EA		1-1/4" 125 LB Cast Bronze, Screwed, Coupling	85.99	32.77
22 11 16 00-1149	EA		1-1/2" 125 LB Cast Bronze, Screwed, Coupling	96.79	35.13
22 11 16 00-1150	EA		2" 125 LB Cast Bronze, Screwed, Coupling	118.77	37.49
22 11 16 00-1151	EA		2-1/2" 125 LB Cast Bronze, Screwed, Coupling	165.01	46.90
22 11 16 00-1152	EA		3" 125 LB Cast Bronze, Screwed, Coupling	211.27	56.22
22 11 16 00-1153	EA		4" 125 LB Cast Bronze, Screwed, Coupling	353.59	74.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-1154			125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1155	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	44.96	18.74
22 11 16 00-1156	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	51.20	21.09
22 11 16 00-1157	EA		1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	69.24	28.16
22 11 16 00-1158	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	81.23	30.52
22 11 16 00-1159	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	91.20	32.77
22 11 16 00-1160	EA		2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	108.14	35.13
22 11 16 00-1161	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	154.41	44.55
22 11 16 00-1162	EA		3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	186.16	51.52
22 11 16 00-1163	EA		4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	313.51	67.99
22 11 16 00-1164			125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1165	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	45.81	18.74
22 11 16 00-1166	EA		1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	78.91	25.81
22 11 16 00-1167	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	100.82	28.16
22 11 16 00-1168	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	116.87	30.52
22 11 16 00-1169	EA		2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	153.30	35.13
22 11 16 00-1170	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	231.41	44.55
22 11 16 00-1171	EA		3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	276.32	46.90
22 11 16 00-1172	EA		4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	317.36	60.93
22 11 16 00-1173			125 LB Cast Bronze, Screwed, Unions		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1174	EA		1/2" 125 LB Cast Bronze, Screwed, Union	53.79	18.74
22 11 16 00-1175	EA		3/4" 125 LB Cast Bronze, Screwed, Union	63.64	20.63
22 11 16 00-1176	EA		1" 125 LB Cast Bronze, Screwed, Union	78.27	24.39
22 11 16 00-1177	EA		1-1/4" 125 LB Cast Bronze, Screwed, Union	95.24	26.27
22 11 16 00-1178	EA		1-1/2" 125 LB Cast Bronze, Screwed, Union	107.16	28.16
22 11 16 00-1179	EA		2" 125 LB Cast Bronze, Screwed, Union	125.96	31.83
22 11 16 00-1180			125 LB Cast Bronze, Screwed, Companion Flanges		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1181	EA		1/2" 125 LB Cast Bronze, Screwed, Companion Flange	137.12	23.44
22 11 16 00-1182	EA		3/4" 125 LB Cast Bronze, Screwed, Companion Flange	150.65	28.16
22 11 16 00-1183	EA		1" 125 LB Cast Bronze, Screwed, Companion Flange	172.97	32.77
22 11 16 00-1184	EA		1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	196.17	35.13
22 11 16 00-1185	EA		1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	230.46	37.49
22 11 16 00-1186	EA		2" 125 LB Cast Bronze, Screwed, Companion Flange	287.01	39.84
22 11 16 00-1187	EA		2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	360.28	46.90
22 11 16 00-1188	EA		3" 125 LB Cast Bronze, Screwed, Companion Flange	446.65	58.58
22 11 16 00-1189	EA		4" 125 LB Cast Bronze, Screwed, Companion Flange	636.04	82.03
22 11 16 00-1190			125 LB Cast Bronze, Screwed, Square Head Plugs		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1191	EA		1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	14.94	
22 11 16 00-1192	EA		3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	15.12	
22 11 16 00-1193	EA		1" 125 LB Cast Bronze, Screwed, Square Head Plug	23.21	
22 11 16 00-1194	EA		1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	26.30	
22 11 16 00-1195	EA		1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	29.45	
22 11 16 00-1196	EA		2" 125 LB Cast Bronze, Screwed, Square Head Plug	43.67	
22 11 16 00-1197	EA		2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	64.83	
22 11 16 00-1198	EA		3" 125 LB Cast Bronze, Screwed, Square Head Plug	93.48	
22 11 16 00-1199	EA		4" 125 LB Cast Bronze, Screwed, Square Head Plug	153.39	
22 11 16 00-1200			125 LB Cast Bronze, Screwed, Counter Sunk Plugs		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1201	EA		1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	5.10	
22 11 16 00-1202	EA		3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	6.10	
22 11 16 00-1203	EA		1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	9.18	
22 11 16 00-1204	EA		1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	14.26	
22 11 16 00-1205	EA		1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	22.59	
22 11 16 00-1206	EA		2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	35.01	
22 11 16 00-1207	EA		2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	68.13	
22 11 16 00-1208	EA		3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	110.34	
22 11 16 00-1209	EA		4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	269.12	
22 11 16 00-1210			125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings		
			<small>(22 11 16 00-1063)</small>		
22 11 16 00-1211	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	4.06	
22 11 16 00-1212	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	5.10	
22 11 16 00-1213	EA		1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	7.14	
22 11 16 00-1214	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	12.22	
22 11 16 00-1215	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	17.32	
22 11 16 00-1216	EA		2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	21.41	
22 11 16 00-1217	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	53.97	
22 11 16 00-1218	EA		3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	79.44	
22 11 16 00-1219	EA		4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	173.99	
22 11 16 00-1220			125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings		
			<small>(22 11 16 00-1063)</small>		

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 16 00-1221	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	7.14	
22 11 16 00-1222	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.17	
22 11 16 00-1223	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	17.73	
22 11 16 00-1224	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	24.08	
22 11 16 00-1225	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	30.10	
22 11 16 00-1226	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	37.92	
22 11 16 00-1227	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	77.43	
22 11 16 00-1228	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	122.50	
22 11 16 00-1229	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	257.43	

22 11 16 00-1230 1/2" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1231	EA	1/2" x Close, Red Brass Pipe Nipple.....	7.09	
22 11 16 00-1232	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	8.31	
22 11 16 00-1233	EA	1/2" x 2" Long, Red Brass Pipe Nipple	10.17	
22 11 16 00-1234	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	12.09	
22 11 16 00-1235	EA	1/2" x 3" Long, Red Brass Pipe Nipple	14.00	
22 11 16 00-1236	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	16.52	
22 11 16 00-1237	EA	1/2" x 4" Long, Red Brass Pipe Nipple	18.53	
22 11 16 00-1238	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	20.35	
22 11 16 00-1239	EA	1/2" x 5" Long, Red Brass Pipe Nipple	22.26	
22 11 16 00-1240	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	24.36	
22 11 16 00-1241	EA	1/2" x 6" Long, Red Brass Pipe Nipple	26.23	

22 11 16 00-1242 3/4" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1243	EA	3/4" x Close, Red Brass Pipe Nipple.....	10.36	
22 11 16 00-1244	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	10.92	
22 11 16 00-1245	EA	3/4" x 2" Long, Red Brass Pipe Nipple	13.21	
22 11 16 00-1246	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	15.54	
22 11 16 00-1247	EA	3/4" x 3" Long, Red Brass Pipe Nipple	17.64	
22 11 16 00-1248	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	20.25	
22 11 16 00-1249	EA	3/4" x 4" Long, Red Brass Pipe Nipple	22.77	
22 11 16 00-1250	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	25.58	
22 11 16 00-1251	EA	3/4" x 5" Long, Red Brass Pipe Nipple	27.91	
22 11 16 00-1252	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	32.16	
22 11 16 00-1253	EA	3/4" x 6" Long, Red Brass Pipe Nipple	33.79	

22 11 16 00-1254 1" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1255	EA	1" x Close, Red Brass Pipe Nipple.....	15.77	
22 11 16 00-1256	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	17.36	
22 11 16 00-1257	EA	1" x 2" Long, Red Brass Pipe Nipple	18.95	
22 11 16 00-1258	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple	22.54	
22 11 16 00-1259	EA	1" x 3" Long, Red Brass Pipe Nipple	25.48	
22 11 16 00-1260	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple	30.01	
22 11 16 00-1261	EA	1" x 4" Long, Red Brass Pipe Nipple	33.60	
22 11 16 00-1262	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple	37.15	
22 11 16 00-1263	EA	1" x 5" Long, Red Brass Pipe Nipple	40.79	
22 11 16 00-1264	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple	44.62	
22 11 16 00-1265	EA	1" x 6" Long, Red Brass Pipe Nipple	48.16	

22 11 16 00-1266 1-1/4" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1267	EA	1-1/4" x Close, Red Brass Pipe Nipple	23.34	
22 11 16 00-1268	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	24.87	
22 11 16 00-1269	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple	26.74	
22 11 16 00-1270	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	32.20	
22 11 16 00-1271	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple	37.62	
22 11 16 00-1272	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	44.15	
22 11 16 00-1273	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple	49.56	
22 11 16 00-1274	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	54.98	
22 11 16 00-1275	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple	60.44	
22 11 16 00-1276	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	66.13	
22 11 16 00-1277	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple	71.55	

22 11 16 00-1278 1-1/2" Red Brass Pipe Nipples (22 11 16 00-1063)

Note: Threaded both ends.

22 11 16 00-1279	EA	1-1/2" x Close, Red Brass Pipe Nipple	29.03	
22 11 16 00-1280	EA	1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	30.29	
22 11 16 00-1281	EA	1-1/2" x 2" Long, Red Brass Pipe Nipple	31.55	
22 11 16 00-1282	EA	1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	38.36	
22 11 16 00-1283	EA	1-1/2" x 3" Long, Red Brass Pipe Nipple	43.50	
22 11 16 00-1284	EA	1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	51.15	
22 11 16 00-1285	EA	1-1/2" x 4" Long, Red Brass Pipe Nipple	57.59	
22 11 16 00-1286	EA	1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	64.27	
22 11 16 00-1287	EA	1-1/2" x 5" Long, Red Brass Pipe Nipple	70.71	
22 11 16 00-1288	EA	1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	77.01	
22 11 16 00-1289	EA	1-1/2" x 6" Long, Red Brass Pipe Nipple	83.31	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 16 00-1290	2" Red Brass Pipe Nipples (22 11 16 00-1063)		
	Note: Threaded both ends.		
22 11 16 00-1291	EA	2" x Close, Red Brass Pipe Nipple.....	44.62
22 11 16 00-1292	EA	2" x 1-1/2" Long, Red Brass Pipe Nipple	46.18
22 11 16 00-1293	EA	2" x 2" Long, Red Brass Pipe Nipple.....	47.72
22 11 16 00-1294	EA	2" x 2-1/2" Long, Red Brass Pipe Nipple	49.28
22 11 16 00-1295	EA	2" x 3" Long, Red Brass Pipe Nipple.....	55.82
22 11 16 00-1296	EA	2" x 3-1/2" Long, Red Brass Pipe Nipple	65.81
22 11 16 00-1297	EA	2" x 4" Long, Red Brass Pipe Nipple.....	73.93
22 11 16 00-1298	EA	2" x 4-1/2" Long, Red Brass Pipe Nipple	82.05
22 11 16 00-1299	EA	2" x 5" Long, Red Brass Pipe Nipple.....	89.37
22 11 16 00-1300	EA	2" x 5-1/2" Long, Red Brass Pipe Nipple	98.57
22 11 16 00-1301	EA	2" x 6" Long, Red Brass Pipe Nipple.....	106.64
22 11 16 00-1302	Cross-Linked Polyethylene Tubing, ASTM F877 (22 11 16)		
	Note: Aboveground, domestic water usage.		
22 11 16 00-1303	Cross-Linked Polyethylene Tubing (22 11 16 00-1302)		
22 11 16 00-1304	LF	3/8" Cross-Linked Polyethylene Tubing	3.47
		<i>For Work In Restricted Working Space, Add</i>	0.89
22 11 16 00-1305	LF	1/2" Cross-Linked Polyethylene Tubing	3.77
		<i>For Work In Restricted Working Space, Add</i>	0.96
22 11 16 00-1306	LF	3/4" Cross-Linked Polyethylene Tubing	4.49
		<i>For Work In Restricted Working Space, Add</i>	1.04
22 11 16 00-1307	LF	1" Cross-Linked Polyethylene Tubing	5.43
		<i>For Work In Restricted Working Space, Add</i>	1.10
22 11 16 00-1308	Cross-Linked Polyethylene Forged Brass PEX Fittings (22 11 16 00-1302)		
	Note: Aboveground, domestic water usage.		
22 11 16 00-1309	Male Adapters (22 11 16 00-1308)		
22 11 16 00-1310	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	19.33
		<i>For Work In Restricted Working Space, Add</i>	4.60
22 11 16 00-1311	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	20.82
		<i>For Work In Restricted Working Space, Add</i>	4.91
22 11 16 00-1312	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.77
		<i>For Work In Restricted Working Space, Add</i>	5.21
22 11 16 00-1313	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	23.80
		<i>For Work In Restricted Working Space, Add</i>	5.52
22 11 16 00-1314	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.77
		<i>For Work In Restricted Working Space, Add</i>	5.21
22 11 16 00-1315	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	29.94
		<i>For Work In Restricted Working Space, Add</i>	6.14
22 11 16 00-1316	Female Adapters (22 11 16 00-1308)		
22 11 16 00-1317	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	21.29
		<i>For Work In Restricted Working Space, Add</i>	4.91
22 11 16 00-1318	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	24.05
		<i>For Work In Restricted Working Space, Add</i>	5.21
22 11 16 00-1319	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	25.08
		<i>For Work In Restricted Working Space, Add</i>	5.52
22 11 16 00-1320	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	24.05
		<i>For Work In Restricted Working Space, Add</i>	5.21
22 11 16 00-1321	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	30.52
		<i>For Work In Restricted Working Space, Add</i>	6.14
22 11 16 00-1322	Tube Adapters (22 11 16 00-1308)		
22 11 16 00-1323	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	17.44
		<i>For Work In Restricted Working Space, Add</i>	4.60
22 11 16 00-1324	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	18.47
		<i>For Work In Restricted Working Space, Add</i>	4.91
22 11 16 00-1325	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	22.28
		<i>For Work In Restricted Working Space, Add</i>	5.52
22 11 16 00-1326	EA	1" Forged Brass Tube Adapter For PEX Tubing	28.75
		<i>For Work In Restricted Working Space, Add</i>	6.14
22 11 16 00-1327	Plugs (22 11 16 00-1308)		
22 11 16 00-1328	EA	3/8" Forged Brass Plug For PEX Tubing.....	8.79
		<i>For Work In Restricted Working Space, Add</i>	2.15
22 11 16 00-1329	EA	1/2" Forged Brass Plug For PEX Tubing.....	9.81
		<i>For Work In Restricted Working Space, Add</i>	2.45
22 11 16 00-1330	EA	3/4" Forged Brass Plug For PEX Tubing.....	11.31
		<i>For Work In Restricted Working Space, Add</i>	2.76
22 11 16 00-1331	EA	1" Forged Brass Plug For PEX Tubing.....	14.09
		<i>For Work In Restricted Working Space, Add</i>	3.07
22 11 16 00-1332	Tees (22 11 16 00-1308)		
22 11 16 00-1333	EA	3/8" Forged Brass Tee For PEX Tubing.....	24.89
		<i>For Work In Restricted Working Space, Add</i>	6.44
22 11 16 00-1334	EA	1/2" Forged Brass Tee For PEX Tubing.....	27.95
		<i>For Work In Restricted Working Space, Add</i>	7.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1335	EA		3/4" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	33.36 8.29	
22 11 16 00-1336	EA		1" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	42.97 9.20	
22 11 16 00-1337	EA		1/2" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	26.94 7.06	
22 11 16 00-1338	EA		3/4" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	31.31 7.67	
22 11 16 00-1339	EA		1" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	38.97 8.29	
22 11 16 00-1340			Couplings (22 11 16 00-1308)		
22 11 16 00-1341	EA		3/8" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	16.07 4.30	
22 11 16 00-1342	EA		1/2" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	18.23 4.91	
22 11 16 00-1343	EA		3/4" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	20.86 5.52	
22 11 16 00-1344	EA		1" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	25.60 6.14	
22 11 16 00-1345	EA		3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.83 5.21	
22 11 16 00-1346	EA		1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	24.58 5.83	
22 11 16 00-1347			Fitting Reducers (22 11 16 00-1308)		
22 11 16 00-1348	EA		3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	17.79 4.60	
22 11 16 00-1349	EA		1/2" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	18.82 4.91	
22 11 16 00-1350	EA		3/4" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	22.98 5.52	
22 11 16 00-1351	EA		1" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	32.74 6.14	
22 11 16 00-1352			90 Degree Elbows (22 11 16 00-1308)		
22 11 16 00-1353	EA		3/8" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	17.11 4.30	
22 11 16 00-1354	EA		1/2" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.16 4.91	
22 11 16 00-1355	EA		3/4" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	22.98 5.52	
22 11 16 00-1356	EA		3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	21.95 5.21	
22 11 16 00-1357	EA		1/2" Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	26.44 4.91	
22 11 16 00-1358	EA		3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	29.53 5.52	
22 11 16 00-1359	EA		3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	28.50 5.21	
22 11 19			Domestic Water Piping Specialties (22 11)		
22 11 19 00-0001			Brass, Anti Siphon Vacuum Breakers (22 11 19) Note: Watts 288A		
22 11 19 00-0002	EA		1/2" Brass, Anti Siphon Vacuum Breaker	85.74	25.57
22 11 19 00-0003	EA		3/4" Brass, Anti Siphon Vacuum Breaker	98.12	28.63
22 11 19 00-0004	EA		1" Brass, Anti Siphon Vacuum Breaker	190.72	32.73
22 11 19 00-0005	EA		1-1/4" Brass, Anti Siphon Vacuum Breaker	297.75	37.84
22 11 19 00-0006	EA		1-1/2" Brass, Anti Siphon Vacuum Breaker	355.25	41.93
22 11 19 00-0007	EA		2" Brass, Anti Siphon Vacuum Breaker	515.50	51.13
22 11 19 00-0008	EA		2-1/2" Brass, Anti Siphon Vacuum Breaker	1,324.20	63.92
22 11 19 00-0009			Anti Siphon Pressure Vacuum Breakers (22 11 19) Note: Watts 800M4QT		
22 11 19 00-0010	EA		1/2" Anti Siphon Pressure Type Vacuum Breaker	232.32	25.57
22 11 19 00-0011	EA		3/4" Anti Siphon Pressure Type Vacuum Breaker	205.48	28.63
22 11 19 00-0012	EA		1" Anti Siphon Pressure Type Vacuum Breaker	290.43	32.73
22 11 19 00-0013	EA		1-1/4" Anti Siphon Pressure Type Vacuum Breaker	517.09	37.84
22 11 19 00-0014	EA		1-1/2" Anti Siphon Pressure Type Vacuum Breaker	628.98	41.93
22 11 19 00-0015	EA		2" Anti Siphon Pressure Type Vacuum Breaker	638.11	51.13
22 11 19 00-0016			Bellows Type Water Hammer Arrestors (22 11 19)		
22 11 19 00-0017	EA		Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	208.53	12.24
22 11 19 00-0018	EA		>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	404.19	14.80
22 11 19 00-0019	EA		>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	589.87	14.80
22 11 19 00-0020	EA		>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,434.29	14.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0021	EA		>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040).....	1,615.15	14.80
22 11 19 00-0022	EA		>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050).....	1,977.96	14.80
22 11 19 00-0023			Piston Type Water Hammer Arrestors (22 11 19)		
22 11 19 00-0024			Threaded Piston Type Water Hammer Arrestors (22 11 19 00-0023)		
22 11 19 00-0025	EA		Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A).....	125.70	6.82
22 11 19 00-0026	EA		>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B).....	239.87	7.86
22 11 19 00-0027	EA		>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C).....	355.53	8.53
22 11 19 00-0028	EA		>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D).....	871.61	11.00
22 11 19 00-0029	EA		>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E).....	1,061.67	13.63
22 11 19 00-0030	EA		>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F).....	1,207.87	14.80
22 11 19 00-0031			Washer Boxes And Dryer Outlets (22 11 19)		
22 11 19 00-0032			Dryer Vent Kit (22 11 19 00-0031) Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0033	EA		Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps.....	70.88	13.29
22 11 19 00-0034			Washer Boxes And Dryer Vents (22 11 19 00-0031) Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0035	EA		2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves.....	244.89	20.45
22 11 19 00-0036			Ice Maker Outlet Box (22 11 19) Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0037	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	126.62	20.45
22 11 19 00-0038	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount.....	155.18	20.45
22 11 19 00-0039	EA		Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	170.89	20.45
22 11 19 00-0040			Rubber Hose And Clamps (22 11 19)		
22 11 19 00-0041			General Purpose Hose (22 11 19 00-0040) Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0042	LF		3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	4.83	2.04
22 11 19 00-0043	LF		1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	5.42	2.04
22 11 19 00-0044	LF		5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.17	2.04
22 11 19 00-0045	LF		3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.20	2.04
22 11 19 00-0046	LF		1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	7.67	3.05
22 11 19 00-0047	LF		1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	11.03	3.05
22 11 19 00-0048	LF		1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	12.07	4.07
22 11 19 00-0049	LF		2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	20.18	4.07
22 11 19 00-0050			Reinforced EPDM Water Hose Assembly (22 11 19 00-0040) Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0051	LF		1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	25.17	4.07
22 11 19 00-0052	LF		2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	29.38	4.07
22 11 19 00-0053	LF		3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	41.16	5.01
22 11 19 00-0054	LF		4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	56.88	6.76
22 11 19 00-0055			Chemical Resistant Rubber Hoses (22 11 19 00-0040)		
22 11 19 00-0056	EA		50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose.....	1,086.92	243.37
22 11 19 00-0057	EA		50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,480.13	243.37
22 11 19 00-0058			Water Pump Hose (22 11 19 00-0040)		
22 11 19 00-0059	EA		2" Inside Diameter, 20' Rubber Discharge Hose.....	263.90	62.16
22 11 19 00-0060	EA		2" Inside Diameter, 20' Rubber Intake Hose.....	274.70	62.16
22 11 19 00-0061			Barbed Hose x Threaded Male Pipe, Steel Coupling (22 11 19 00-0040)		
22 11 19 00-0062	EA		3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	24.51	8.55
22 11 19 00-0063	EA		1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	26.06	9.16
22 11 19 00-0064	EA		5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	27.88	9.76
22 11 19 00-0065	EA		3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	31.05	10.99
22 11 19 00-0066	EA		1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling.....	38.00	13.43
22 11 19 00-0067	EA		1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling.....	45.14	16.08
22 11 19 00-0068	EA		1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling.....	58.39	21.16

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 19 00-0069	EA		2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	73.41	26.45
	22 11 19 00-0070			Worm-Drive Hose Clamp <small>(22 11 19 00-0040)</small>		
	22 11 19 00-0071	EA		3/8" To 1" Diameter Worm Drive Hose Clamp	10.39	3.05
	22 11 19 00-0072	EA		1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	11.01	3.05
	22 11 19 00-0073	EA		5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	11.66	3.05
	22 11 19 00-0074	EA		3/4" To 2" Diameter Worm Drive Hose Clamp	12.42	3.05
	22 11 19 00-0075	EA		1" To 2-1/2" Diameter Worm Drive Hose Clamp	13.29	3.05
	22 11 19 00-0076	EA		1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	14.36	4.07
	22 11 19 00-0077	EA		1-1/2" To 3" Diameter Worm Drive Hose Clamp	15.52	4.07
	22 11 19 00-0078			Trap Primer And Accessories <small>(22 11 19)</small>		
	22 11 19 00-0079			Trap Primer <small>(22 11 19 00-0078)</small>		
	22 11 19 00-0080	EA		1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	219.55	15.34
	22 11 19 00-0081	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	135.17	10.22
	22 11 19 00-0082	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	131.11	10.22
	22 11 19 00-0083			Trap Primer Distribution Unit <small>(22 11 19 00-0078)</small>		
	22 11 19 00-0084	EA		Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U)	120.80	20.45
				Note: Can be used for two, three or four drains.		
	22 11 19 00-0085	EA		Copper Four Opening Trap Primer Distribution Unit (PPP DU-4)	131.73	20.45
				Note: Can be used for two, three or four drains.		
	22 11 19 00-0086			Trap Primer Manifold <small>(22 11 19 00-0078)</small>		
	22 11 19 00-0087	EA		Two Outlet Manifold	177.27	27.51
	22 11 19 00-0088	EA		Four Outlet Manifold	265.00	31.30
	22 11 19 00-0089	EA		Six Outlet Manifold	350.16	33.14
	22 11 19 00-0090	EA		Eight Outlet Manifold	439.60	38.87
	22 11 19 00-0091			Sewage Air Release Valves <small>(22 11 19)</small>		
	22 11 19 00-0092			Cast Iron, Sewage Air Release Valves <small>(22 11 19 00-0091)</small>		
				Note: Stainless steel float.		
	22 11 19 00-0093	EA		2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	774.57	37.34
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0094	EA		3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	953.84	62.40
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0095	EA		4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,209.47	78.78
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0096			Cast Iron, Sewage Air Vacuum Valves <small>(22 11 19 00-0091)</small>		
				Note: Stainless steel float.		
	22 11 19 00-0097	EA		2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	791.23	37.34
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0098	EA		2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,545.28	37.34
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0099	EA		3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	1,857.87	62.40
				For Back Flush Attachment, Add	650.00	
	22 11 19 00-0100	EA		4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	2,748.80	78.78
	22 11 19 00-0101			Cast Iron, Sewage Combination Air Valves <small>(22 11 19 00-0091)</small>		
				Note: Stainless steel float.		
	22 11 19 00-0102	EA		2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	1,682.76	37.34
	22 11 19 00-0103	EA		2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,318.07	37.34
	22 11 19 00-0104	EA		3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	2,716.06	62.40
	22 11 19 00-0105	EA		4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	3,321.63	78.78
	22 11 19 00-0106			Wall Hydrants <small>(22 11 19)</small>		
				Note: Female inlet connection, 3/4" hose thread outlet.		
	22 11 19 00-0107			Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants <small>(22 11 19 00-0106)</small>		
				Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
	22 11 19 00-0108	EA		6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	653.19	25.57
				For Cast Bronze Box, Add	32.92	
				For 1" NPT Outlet, Add	77.59	
	22 11 19 00-0109	EA		12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	689.63	30.68
				For Cast Bronze Box, Add	32.92	
				For 1" NPT Outlet, Add	77.59	
	22 11 19 00-0110	EA		18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	710.58	36.92
				For Cast Bronze Box, Add	32.92	
				For 1" NPT Outlet, Add	77.59	
	22 11 19 00-0111			Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants <small>(22 11 19 00-0106)</small>		
				Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0112	EA		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant For Cast Bronze Box, Add For 1" NPT Outlet, Add	665.48 32.92 77.59	42.95
22 11 19 00-0113			Cast Bronze Non-Freezing Wall Hydrant (22 11 19 00-0106) Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0114	EA		3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	362.62 77.59	31.70
22 11 19 00-0115	EA		4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	445.97 77.59	31.70
22 11 19 00-0116	EA		6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	445.97 77.59	31.70
22 11 19 00-0117	EA		8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	445.97 77.59	31.70
22 11 19 00-0118	EA		10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	465.37 77.59	63.92
22 11 19 00-0119	EA		12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	465.37 77.59	63.92
22 11 19 00-0120	EA		18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant For 1" NPT Outlet, Add	523.39 77.59	63.92
22 11 19 00-0121			Stainless Steel Box Type Wall Hydrants (22 11 19 00-0106) Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0122	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140).....	329.76	25.57
22 11 19 00-0123	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	358.84	25.57
22 11 19 00-0124	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150).....	362.80	25.57
22 11 19 00-0125	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	406.42	25.57
22 11 19 00-0126	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)..... Note: Includes hot and cold hose connections.	570.18	35.79
22 11 19 00-0127	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)	587.36	35.79
22 11 19 00-0128	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)..... Note: Includes hot and cold hose connections.	587.36	35.79
22 11 19 00-0129	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)	628.34	35.79
			Note: Includes hot and cold hose connections.		
22 11 19 00-0130			Tempering Controllers For Potable Hot Water (22 11 19)		
22 11 19 00-0131			Point-Of-Use Thermostatic Mixing Valves (Bradley) (22 11 19 00-0130) Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0132	EA		1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007).....	347.73	24.76
22 11 19 00-0133	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004).....	152.81	24.76
22 11 19 00-0134	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008).....	202.75	24.76
22 11 19 00-0135	EA		3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016).....	234.95	33.35
22 11 19 00-0136			Thermostatic Mixing Valves (Bradley) (22 11 19 00-0130) Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0137	EA		3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	930.28	35.70
22 11 19 00-0138	EA		3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045).....	1,045.92	43.98
22 11 19 00-0139	EA		1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080).....	1,256.63	51.15
22 11 19 00-0140	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130).....	1,623.39	53.77
22 11 19 00-0141	EA		2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200).....	2,178.40	69.76
22 11 19 00-0142			High Low Temperature Thermostatic Mixing Valves (Bradley) (22 11 19 00-0130) Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0143	EA		3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	2,355.51	54.99
22 11 19 00-0144	EA		1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080).....	3,062.43	63.94
22 11 19 00-0145	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130).....	3,568.26	67.20
22 11 19 00-0146	EA		2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	3,958.79	87.18
22 11 19 00-0147			Thermostatic Mixing Valves (Leonard) (22 11 19 00-0130) Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0148	EA		3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF)..... Note: For hot water or two pipe low pressure steam.	679.26	35.70
22 11 19 00-0149	EA		1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF)..... Note: For hot water or two pipe low pressure steam.	800.61	43.97
22 11 19 00-0150	EA		1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF)..... Note: For hot water or two pipe low pressure steam.	982.64	51.15
22 11 19 00-0151	EA		1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF)..... Note: For hot water or two pipe low pressure steam.	1,197.46	53.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0152	EA		2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF)..... Note: For hot water or two pipe low pressure steam.	1,774.42	69.76
22 11 19 00-0153			Water Mixing/Self Operating Temperature Regulator (22 11 19 00-0130) Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0154	EA		3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	2,957.95	51.13
22 11 19 00-0155	EA		1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,129.67	64.44
22 11 19 00-0156	EA		1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,443.91	77.73
22 11 19 00-0157	EA		1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,788.25	91.02
22 11 19 00-0158	EA		2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	4,510.42	119.66
22 11 19 00-0159	EA		2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	5,333.29	136.46
22 11 19 00-0160			Thermostatic Mixing Valves (Holby) (22 11 19 00-0130)		
22 11 19 00-0161	EA		2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500).....	3,137.78	69.78
22 11 19 00-0162			Backflow Preventer Valves (22 11 19)		
22 11 19 00-0163			Double Check Valve Backflow Preventer Assemblies (22 11 19 00-0162)		
22 11 19 00-0164			Threaded Double Check Valve Assemblies (22 11 19 00-0163)		
22 11 19 00-0165			Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0164) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0166	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	304.66	27.41
			For Work In Restricted Working Space, Add	20.56	
			For Owner Furnished Material, Deduct	-236.13	
22 11 19 00-0167	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....	363.73	38.87
			For Work In Restricted Working Space, Add	29.15	
			For Owner Furnished Material, Deduct	-266.57	
22 11 19 00-0168	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....	421.09	47.45
			For Work In Restricted Working Space, Add	35.59	
			For Owner Furnished Material, Deduct	-302.45	
22 11 19 00-0169	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....	582.41	55.23
			For Work In Restricted Working Space, Add	41.42	
			For Owner Furnished Material, Deduct	-444.34	
22 11 19 00-0170	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....	717.79	63.41
			For Work In Restricted Working Space, Add	47.25	
			For Owner Furnished Material, Deduct	-560.29	
22 11 19 00-0171	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....	832.70	81.82
			For Work In Restricted Working Space, Add	61.37	
			For Owner Furnished Material, Deduct	-628.15	
22 11 19 00-0172			Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0164) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0173	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	372.23	27.41
			For Work In Restricted Working Space, Add	20.56	
			For Owner Furnished Material, Deduct	-303.70	
22 11 19 00-0174	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	462.69	38.87
			For Work In Restricted Working Space, Add	29.15	
			For Owner Furnished Material, Deduct	-365.53	
22 11 19 00-0175	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	542.41	47.45
			For Work In Restricted Working Space, Add	35.59	
			For Owner Furnished Material, Deduct	-423.77	
22 11 19 00-0176	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	755.28	55.23
			For Work In Restricted Working Space, Add	41.42	
			For Owner Furnished Material, Deduct	-617.21	
22 11 19 00-0177	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	921.39	63.41
			For Work In Restricted Working Space, Add	47.25	
			For Owner Furnished Material, Deduct	-763.89	
22 11 19 00-0178	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	1,113.80	81.82
			For Work In Restricted Working Space, Add	61.37	
			For Owner Furnished Material, Deduct	-909.25	
22 11 19 00-0179			Flanged Double Check Valve Assemblies (22 11 19 00-0163)		
22 11 19 00-0180			Double Check Valve Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0179) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		
22 11 19 00-0181	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	3,842.83	226.02
			For Work In Restricted Working Space, Add	90.41	
			For Owner Furnished Material, Deduct	-3,541.47	
22 11 19 00-0182	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS).....	4,223.22	254.27
			For Work In Restricted Working Space, Add	100.30	
			For Owner Furnished Material, Deduct	-3,888.90	

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

22 11 19 00-0183	Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0184	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	4,202.79
		<i>For Work In Restricted Working Space, Add</i>	90.41
		<i>For Owner Furnished Material, Deduct</i>	-3,901.43
22 11 19 00-0185	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	4,823.16
		<i>For Work In Restricted Working Space, Add</i>	100.30
		<i>For Owner Furnished Material, Deduct</i>	-4,488.84
22 11 19 00-0186	Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).		
22 11 19 00-0187	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	3,868.77
		<i>For Work In Restricted Working Space, Add</i>	90.40
		<i>For Owner Furnished Material, Deduct</i>	-3,567.43
22 11 19 00-0188	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	2,978.88
		<i>For Work In Restricted Working Space, Add</i>	100.30
		<i>For Owner Furnished Material, Deduct</i>	-2,644.55
22 11 19 00-0189	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,657.74
		<i>For Work In Restricted Working Space, Add</i>	150.60
		<i>For Owner Furnished Material, Deduct</i>	-4,155.74
22 11 19 00-0190	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	7,130.05
		<i>For Work In Restricted Working Space, Add</i>	296.61
		<i>For Owner Furnished Material, Deduct</i>	-6,141.36
22 11 19 00-0191	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	16,087.72
		<i>For Work In Restricted Working Space, Add</i>	444.98
		<i>For Owner Furnished Material, Deduct</i>	-14,604.45
22 11 19 00-0192	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	20,626.84
		<i>For Work In Restricted Working Space, Add</i>	529.66
		<i>For Owner Furnished Material, Deduct</i>	-18,861.32
22 11 19 00-0193	Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0194	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	5,417.92
		<i>For Work In Restricted Working Space, Add</i>	150.59
		<i>For Owner Furnished Material, Deduct</i>	-4,915.97
22 11 19 00-0195	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	9,040.49
		<i>For Work In Restricted Working Space, Add</i>	296.61
		<i>For Owner Furnished Material, Deduct</i>	-8,051.80
22 11 19 00-0196	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	23,886.05
		<i>For Work In Restricted Working Space, Add</i>	529.66
		<i>For Owner Furnished Material, Deduct</i>	-22,120.53
22 11 19 00-0197	Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).		
22 11 19 00-0198	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	4,104.27
		<i>For Work In Restricted Working Space, Add</i>	90.40
		<i>For Owner Furnished Material, Deduct</i>	-3,802.93
22 11 19 00-0199	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	4,510.65
		<i>For Work In Restricted Working Space, Add</i>	100.30
		<i>For Owner Furnished Material, Deduct</i>	-4,176.33
22 11 19 00-0200	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	4,933.48
		<i>For Work In Restricted Working Space, Add</i>	150.59
		<i>For Owner Furnished Material, Deduct</i>	-4,431.53
22 11 19 00-0201	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	8,302.64
		<i>For Work In Restricted Working Space, Add</i>	296.61
		<i>For Owner Furnished Material, Deduct</i>	-7,313.95
22 11 19 00-0202	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	17,061.31
		<i>For Work In Restricted Working Space, Add</i>	444.91
		<i>For Owner Furnished Material, Deduct</i>	-15,578.27
22 11 19 00-0203	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	21,883.35
		<i>For Work In Restricted Working Space, Add</i>	529.66
		<i>For Owner Furnished Material, Deduct</i>	-20,117.83
22 11 19 00-0204	Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0205	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	2,477.35
		<i>For Work In Restricted Working Space, Add</i>	90.40
		<i>For Owner Furnished Material, Deduct</i>	-2,176.01
22 11 19 00-0206	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	2,728.06
		<i>For Work In Restricted Working Space, Add</i>	100.30
		<i>For Owner Furnished Material, Deduct</i>	-2,393.74
22 11 19 00-0207	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	3,113.41
		<i>For Work In Restricted Working Space, Add</i>	150.59
		<i>For Owner Furnished Material, Deduct</i>	-2,611.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0208 EA 6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	5,072.08	547.31
<i>For Work In Restricted Working Space, Add</i>	296.61	
<i>For Owner Furnished Material, Deduct</i>	-4,083.39	
22 11 19 00-0209 EA 8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	9,556.24	820.96
<i>For Work In Restricted Working Space, Add</i>	444.91	
<i>For Owner Furnished Material, Deduct</i>	-8,073.20	
22 11 19 00-0210 EA 10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	10,404.41	971.03
<i>For Work In Restricted Working Space, Add</i>	529.66	
<i>For Owner Furnished Material, Deduct</i>	-8,638.89	
22 11 19 00-0211 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs		
<small>(22 11 19 00-0179)</small>		
<small>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).</small>		
22 11 19 00-0212 EA 2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	3,249.44	226.02
<i>For Work In Restricted Working Space, Add</i>	90.40	
<i>For Owner Furnished Material, Deduct</i>	-2,948.10	
22 11 19 00-0213 EA 3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	3,500.15	254.27
<i>For Work In Restricted Working Space, Add</i>	100.30	
<i>For Owner Furnished Material, Deduct</i>	-3,165.83	
22 11 19 00-0214 EA 4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series).....	4,403.61	376.70
<i>For Work In Restricted Working Space, Add</i>	150.59	
<i>For Owner Furnished Material, Deduct</i>	-3,901.66	
22 11 19 00-0215 EA 6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	7,231.92	547.31
<i>For Work In Restricted Working Space, Add</i>	296.61	
<i>For Owner Furnished Material, Deduct</i>	-6,243.23	
22 11 19 00-0216 EA 8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	12,757.35	820.96
<i>For Work In Restricted Working Space, Add</i>	444.91	
<i>For Owner Furnished Material, Deduct</i>	-11,274.31	
22 11 19 00-0217 EA 10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	15,181.27	971.03
<i>For Work In Restricted Working Space, Add</i>	529.66	
<i>For Owner Furnished Material, Deduct</i>	-13,415.75	
22 11 19 00-0218 Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves		
<small>(22 11 19 00-0179)</small>		
<small>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).</small>		
22 11 19 00-0219 EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	2,323.78	226.02
<i>For Work In Restricted Working Space, Add</i>	90.40	
<i>For Owner Furnished Material, Deduct</i>	-2,022.44	
22 11 19 00-0220 EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	2,581.47	254.27
<i>For Work In Restricted Working Space, Add</i>	100.30	
<i>For Owner Furnished Material, Deduct</i>	-2,247.15	
22 11 19 00-0221 EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	2,973.72	376.70
<i>For Work In Restricted Working Space, Add</i>	150.59	
<i>For Owner Furnished Material, Deduct</i>	-2,471.77	
22 11 19 00-0222 EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	4,962.34	547.31
<i>For Work In Restricted Working Space, Add</i>	296.61	
<i>For Owner Furnished Material, Deduct</i>	-3,973.65	
22 11 19 00-0223 EA 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	9,450.49	820.96
<i>For Work In Restricted Working Space, Add</i>	444.91	
<i>For Owner Furnished Material, Deduct</i>	-7,967.45	
22 11 19 00-0224 EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	10,699.68	971.03
<i>For Work In Restricted Working Space, Add</i>	529.66	
<i>For Owner Furnished Material, Deduct</i>	-8,934.16	
22 11 19 00-0225 N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs		
<small>(22 11 19 00-0179)</small>		
<small>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).</small>		
22 11 19 00-0226 EA 2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	3,031.13	226.02
<i>For Work In Restricted Working Space, Add</i>	90.40	
<i>For Owner Furnished Material, Deduct</i>	-2,729.79	
22 11 19 00-0227 EA 3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	3,281.84	254.27
<i>For Work In Restricted Working Space, Add</i>	100.30	
<i>For Owner Furnished Material, Deduct</i>	-2,947.52	
22 11 19 00-0228 EA 4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	4,185.57	376.70
<i>For Work In Restricted Working Space, Add</i>	150.59	
<i>For Owner Furnished Material, Deduct</i>	-3,683.62	
22 11 19 00-0229 EA 6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	6,999.69	547.31
<i>For Work In Restricted Working Space, Add</i>	296.61	
<i>For Owner Furnished Material, Deduct</i>	-6,011.00	
22 11 19 00-0230 EA 8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	12,405.84	820.96
<i>For Work In Restricted Working Space, Add</i>	444.91	
<i>For Owner Furnished Material, Deduct</i>	-10,922.80	
22 11 19 00-0231 EA 10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	14,828.74	971.03
<i>For Work In Restricted Working Space, Add</i>	529.66	
<i>For Owner Furnished Material, Deduct</i>	-13,063.22	

22	Plumbing
22 10	Plumbing Piping
22 11	Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

22 11 19 00-0232	Double Check Valve Assemblies With Butterfly Shut-Off Valves <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0233	EA 2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,686.97	226.02
	<i>For Work In Restricted Working Space, Add</i>	90.40	
	<i>For Owner Furnished Material, Deduct</i>	-2,385.63	
22 11 19 00-0234	EA 3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	2,937.68	254.27
	<i>For Work In Restricted Working Space, Add</i>	100.30	
	<i>For Owner Furnished Material, Deduct</i>	-2,603.36	
22 11 19 00-0235	EA 4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	3,323.03	376.70
	<i>For Work In Restricted Working Space, Add</i>	150.59	
	<i>For Owner Furnished Material, Deduct</i>	-2,821.08	
22 11 19 00-0236	EA 6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,286.98	547.31
	<i>For Work In Restricted Working Space, Add</i>	296.61	
	<i>For Owner Furnished Material, Deduct</i>	-4,298.29	
22 11 19 00-0237	EA 8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	9,771.14	820.96
	<i>For Work In Restricted Working Space, Add</i>	444.91	
	<i>For Owner Furnished Material, Deduct</i>	-8,288.10	
22 11 19 00-0238	N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs <small>(22 11 19 00-0179)</small>		
	Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0239	EA 2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	3,459.06	226.02
	<i>For Work In Restricted Working Space, Add</i>	90.40	
	<i>For Owner Furnished Material, Deduct</i>	-3,157.72	
22 11 19 00-0240	EA 3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,709.77	254.27
	<i>For Work In Restricted Working Space, Add</i>	100.30	
	<i>For Owner Furnished Material, Deduct</i>	-3,375.45	
22 11 19 00-0241	EA 4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,613.23	376.70
	<i>For Work In Restricted Working Space, Add</i>	150.59	
	<i>For Owner Furnished Material, Deduct</i>	-4,111.28	
22 11 19 00-0242	EA 6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,446.87	547.31
	<i>For Work In Restricted Working Space, Add</i>	296.61	
	<i>For Owner Furnished Material, Deduct</i>	-6,458.18	
22 11 19 00-0243	EA 8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,771.14	820.96
	<i>For Work In Restricted Working Space, Add</i>	444.91	
	<i>For Owner Furnished Material, Deduct</i>	-8,288.10	
22 11 19 00-0244	Grooved Double Check Valve Assemblies <small>(22 11 19 00-0163)</small>		
22 11 19 00-0245	Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0244)</small>		
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0246	EA 2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	2,323.78	120.54
	<i>For Work In Restricted Working Space, Add</i>	90.40	
	<i>For Owner Furnished Material, Deduct</i>	-2,022.44	
22 11 19 00-0247	EA 3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	2,581.47	133.73
	<i>For Work In Restricted Working Space, Add</i>	100.30	
	<i>For Owner Furnished Material, Deduct</i>	-2,247.15	
22 11 19 00-0248	N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0244)</small>		
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0249	EA 2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	3,031.13	120.54
	<i>For Work In Restricted Working Space, Add</i>	90.40	
	<i>For Owner Furnished Material, Deduct</i>	-2,729.79	
22 11 19 00-0250	EA 3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	3,281.84	133.73
	<i>For Work In Restricted Working Space, Add</i>	100.30	
	<i>For Owner Furnished Material, Deduct</i>	-2,947.52	
22 11 19 00-0251	Reduced Pressure Zone Backflow Preventer Assemblies <small>(22 11 19 00-0162)</small>		
22 11 19 00-0252	Threaded Reduced Pressure Zone Assemblies <small>(22 11 19 00-0251)</small>		
22 11 19 00-0253	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0252)</small>		
	Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0254	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	333.96	23.73
	<i>For Work In Restricted Working Space, Add</i>	17.80	
	<i>For Owner Furnished Material, Deduct</i>	-274.64	
22 11 19 00-0255	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	353.43	26.18
	<i>For Work In Restricted Working Space, Add</i>	19.64	
	<i>For Owner Furnished Material, Deduct</i>	-287.98	
22 11 19 00-0256	EA 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	409.66	27.41
	<i>For Work In Restricted Working Space, Add</i>	20.56	
	<i>For Owner Furnished Material, Deduct</i>	-341.13	
22 11 19 00-0257	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	551.49	38.87
	<i>For Work In Restricted Working Space, Add</i>	29.15	
	<i>For Owner Furnished Material, Deduct</i>	-454.33	
22 11 19 00-0258	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	655.19	47.45
	<i>For Work In Restricted Working Space, Add</i>	35.59	
	<i>For Owner Furnished Material, Deduct</i>	-536.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0259	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	979.75	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-841.68	
22 11 19 00-0260	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,038.77	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-881.27	
22 11 19 00-0261	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,250.32	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-1,045.77	
22 11 19 00-0262			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer		
			<small>(22 11 19 00-0252)</small>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0263	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	367.21	23.73
			<i>For Work In Restricted Working Space, Add</i>	17.80	
			<i>For Owner Furnished Material, Deduct</i>	-307.89	
22 11 19 00-0264	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	388.47	26.18
			<i>For Work In Restricted Working Space, Add</i>	19.64	
			<i>For Owner Furnished Material, Deduct</i>	-323.02	
22 11 19 00-0265	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	457.68	38.87
			<i>For Work In Restricted Working Space, Add</i>	20.56	
			<i>For Owner Furnished Material, Deduct</i>	-389.15	
22 11 19 00-0266	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	626.95	38.87
			<i>For Work In Restricted Working Space, Add</i>	29.15	
			<i>For Owner Furnished Material, Deduct</i>	-529.79	
22 11 19 00-0267	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	749.54	47.45
			<i>For Work In Restricted Working Space, Add</i>	35.59	
			<i>For Owner Furnished Material, Deduct</i>	-630.90	
22 11 19 00-0268	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,108.44	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-970.37	
22 11 19 00-0269	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,220.37	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-1,062.87	
22 11 19 00-0270	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,473.12	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-1,268.57	
22 11 19 00-0271			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs		
			<small>(22 11 19 00-0252)</small>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0272	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	551.49	38.87
			<i>For Work In Restricted Working Space, Add</i>	29.15	
			<i>For Owner Furnished Material, Deduct</i>	-454.33	
22 11 19 00-0273	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	655.19	47.45
			<i>For Work In Restricted Working Space, Add</i>	35.59	
			<i>For Owner Furnished Material, Deduct</i>	-536.55	
22 11 19 00-0274	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	979.75	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-841.68	
22 11 19 00-0275	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,038.77	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-881.27	
22 11 19 00-0276	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,250.32	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-1,045.77	
22 11 19 00-0277			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer		
			<small>(22 11 19 00-0252)</small>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
22 11 19 00-0278	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	626.95	38.87
			<i>For Work In Restricted Working Space, Add</i>	29.15	
			<i>For Owner Furnished Material, Deduct</i>	-529.79	
22 11 19 00-0279	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	749.54	47.45
			<i>For Work In Restricted Working Space, Add</i>	35.59	
			<i>For Owner Furnished Material, Deduct</i>	-630.90	
22 11 19 00-0280	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,108.44	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-970.37	
22 11 19 00-0281	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,220.37	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-1,062.87	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0282	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,473.12	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-1,268.57	
22 11 19 00-0283			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0284	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT).....	1,111.98	38.87
			<i>For Work In Restricted Working Space, Add</i>	29.15	
			<i>For Owner Furnished Material, Deduct</i>	-1,014.82	
22 11 19 00-0285	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT).....	1,317.12	47.45
			<i>For Work In Restricted Working Space, Add</i>	35.59	
			<i>For Owner Furnished Material, Deduct</i>	-1,198.48	
22 11 19 00-0286	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,015.66	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-1,877.59	
22 11 19 00-0287	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,181.16	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-2,023.66	
22 11 19 00-0288	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	2,535.73	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-2,331.18	
22 11 19 00-0289			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).		
22 11 19 00-0290	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	1,489.21	38.87
			<i>For Work In Restricted Working Space, Add</i>	29.15	
			<i>For Owner Furnished Material, Deduct</i>	-1,392.05	
22 11 19 00-0291	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	1,771.05	47.45
			<i>For Work In Restricted Working Space, Add</i>	35.59	
			<i>For Owner Furnished Material, Deduct</i>	-1,652.41	
22 11 19 00-0292	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	2,689.47	55.23
			<i>For Work In Restricted Working Space, Add</i>	41.42	
			<i>For Owner Furnished Material, Deduct</i>	-2,551.40	
22 11 19 00-0293	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	2,939.54	63.41
			<i>For Work In Restricted Working Space, Add</i>	47.25	
			<i>For Owner Furnished Material, Deduct</i>	-2,782.04	
22 11 19 00-0294	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	3,496.05	81.82
			<i>For Work In Restricted Working Space, Add</i>	61.37	
			<i>For Owner Furnished Material, Deduct</i>	-3,291.50	
22 11 19 00-0295			Flanged Reduced Pressure Zone Assemblies (22 11 19 00-0251)		
22 11 19 00-0296			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0295) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0297	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	3,541.06	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,239.70	
22 11 19 00-0298	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	3,988.61	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-3,654.29	
22 11 19 00-0299			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer (22 11 19 00-0295) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		
22 11 19 00-0300	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	4,205.48	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,904.12	
22 11 19 00-0301	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	4,760.48	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-4,426.16	
22 11 19 00-0302			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs (22 11 19 00-0295) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0303	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	3,795.37	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,494.01	
22 11 19 00-0304	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	4,411.26	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-4,076.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

22 11 19 00-0305			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0306	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	4,205.48	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,904.12	
22 11 19 00-0307	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	4,760.48	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-4,426.16	
22 11 19 00-0308			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0309	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	4,659.47	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-4,358.11	
22 11 19 00-0310	EA		3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	5,388.18	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-5,053.86	
22 11 19 00-0311			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0312	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	6,022.31	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.40	
			<i>For Owner Furnished Material, Deduct</i>	-5,720.97	
22 11 19 00-0313	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	6,839.70	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-6,505.37	
22 11 19 00-0314	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	8,634.39	376.70
			<i>For Work In Restricted Working Space, Add</i>	150.60	
			<i>For Owner Furnished Material, Deduct</i>	-8,132.39	
22 11 19 00-0315	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	13,200.34	547.31
			<i>For Work In Restricted Working Space, Add</i>	415.28	
			<i>For Owner Furnished Material, Deduct</i>	-11,816.09	
22 11 19 00-0316	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	21,837.17	820.96
			<i>For Work In Restricted Working Space, Add</i>	622.91	
			<i>For Owner Furnished Material, Deduct</i>	-19,760.79	
22 11 19 00-0317	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	27,938.25	971.03
			<i>For Work In Restricted Working Space, Add</i>	529.66	
			<i>For Owner Furnished Material, Deduct</i>	-26,172.73	
22 11 19 00-0318			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0319	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	6,483.46	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.40	
			<i>For Owner Furnished Material, Deduct</i>	-6,182.12	
22 11 19 00-0320	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	7,325.02	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-6,990.70	
22 11 19 00-0321	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	9,378.45	376.70
			<i>For Work In Restricted Working Space, Add</i>	150.59	
			<i>For Owner Furnished Material, Deduct</i>	-8,876.50	
22 11 19 00-0322	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	14,205.38	547.31
			<i>For Work In Restricted Working Space, Add</i>	296.61	
			<i>For Owner Furnished Material, Deduct</i>	-13,216.69	
22 11 19 00-0323	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	22,973.02	820.96
			<i>For Work In Restricted Working Space, Add</i>	444.91	
			<i>For Owner Furnished Material, Deduct</i>	-21,489.98	
22 11 19 00-0324	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	31,113.01	971.03
			<i>For Work In Restricted Working Space, Add</i>	529.66	
			<i>For Owner Furnished Material, Deduct</i>	-29,347.49	
22 11 19 00-0325			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0295)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0326	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	6,401.97	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.40	
			<i>For Owner Furnished Material, Deduct</i>	-6,100.63	
22 11 19 00-0327	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	7,274.89	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-6,940.56	
22 11 19 00-0328	EA		4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	9,175.23	376.70
			<i>For Work In Restricted Working Space, Add</i>	150.60	
			<i>For Owner Furnished Material, Deduct</i>	-8,673.23	
22 11 19 00-0329	EA		6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	13,593.20	547.31
			<i>For Work In Restricted Working Space, Add</i>	296.61	
			<i>For Owner Furnished Material, Deduct</i>	-12,604.51	
22 11 19 00-0330	EA		8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	22,561.83	820.96
			<i>For Work In Restricted Working Space, Add</i>	444.91	
			<i>For Owner Furnished Material, Deduct</i>	-21,078.79	
22 11 19 00-0331	EA		10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	29,682.12	971.03
			<i>For Work In Restricted Working Space, Add</i>	529.66	
			<i>For Owner Furnished Material, Deduct</i>	-27,916.60	
22 11 19 00-0332			Double Check Detector Assemblies (22 11 19 00-0162)		
22 11 19 00-0333			Flanged Double Check Detector Assemblies With Meter (22 11 19 00-0332)		
22 11 19 00-0334			Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter (22 11 19 00-0333)		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0335	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	4,832.16	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-4,497.84	
22 11 19 00-0336	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	5,104.15	376.70
			<i>For Work In Restricted Working Space, Add</i>	150.59	
			<i>For Owner Furnished Material, Deduct</i>	-4,602.20	
22 11 19 00-0337	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	6,964.81	547.31
			<i>For Work In Restricted Working Space, Add</i>	296.61	
			<i>For Owner Furnished Material, Deduct</i>	-5,976.12	
22 11 19 00-0338	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	12,285.23	820.96
			<i>For Work In Restricted Working Space, Add</i>	444.91	
			<i>For Owner Furnished Material, Deduct</i>	-10,802.19	
22 11 19 00-0339	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	16,528.46	971.03
			<i>For Work In Restricted Working Space, Add</i>	529.66	
			<i>For Owner Furnished Material, Deduct</i>	-14,762.94	
22 11 19 00-0340			Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter (22 11 19 00-0333)		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0341	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	3,633.52	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,332.16	
22 11 19 00-0342	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	3,883.98	254.27
			<i>For Work In Restricted Working Space, Add</i>	100.30	
			<i>For Owner Furnished Material, Deduct</i>	-3,549.66	
22 11 19 00-0343	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	4,274.48	376.70
			<i>For Work In Restricted Working Space, Add</i>	150.59	
			<i>For Owner Furnished Material, Deduct</i>	-3,772.53	
22 11 19 00-0344	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	5,887.28	547.31
			<i>For Work In Restricted Working Space, Add</i>	296.61	
			<i>For Owner Furnished Material, Deduct</i>	-4,898.59	
22 11 19 00-0345	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	10,337.69	820.96
			<i>For Work In Restricted Working Space, Add</i>	444.91	
			<i>For Owner Furnished Material, Deduct</i>	-8,854.65	
22 11 19 00-0346	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	12,195.11	971.03
			<i>For Work In Restricted Working Space, Add</i>	529.66	
			<i>For Owner Furnished Material, Deduct</i>	-10,429.59	
22 11 19 00-0347			Double Check Detector Assembly With Butterfly Valves And Meter (22 11 19 00-0333)		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0348	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	3,843.18	226.02
			<i>For Work In Restricted Working Space, Add</i>	90.41	
			<i>For Owner Furnished Material, Deduct</i>	-3,541.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0349	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,093.65 100.30 -3,759.33	254.27
22 11 19 00-0350	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,484.11 150.59 -3,982.16	376.70
22 11 19 00-0351	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	6,102.19 296.61 -5,113.50	547.31
22 11 19 00-0352	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	10,079.85 444.91 -8,596.81	820.96
22 11 19 00-0353			Flanged Double Check Detector Assemblies Without Meter <small>(22 11 19 00-0332)</small>		
22 11 19 00-0354			Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0355	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	3,567.32 90.41	226.02
22 11 19 00-0356	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	3,817.81 100.30	254.27
22 11 19 00-0357	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	4,208.31 150.59	376.70
22 11 19 00-0358	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	5,821.11 296.61	547.31
22 11 19 00-0359	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	10,271.56 444.91	820.96
22 11 19 00-0360	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>For Work In Restricted Working Space, Add</i>	12,128.89 529.66	971.03
22 11 19 00-0361			Double Check Detector Assembly With Butterfly Valves Less Meter <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0362	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>For Work In Restricted Working Space, Add</i>	3,776.97 90.41	226.02
22 11 19 00-0363	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>For Work In Restricted Working Space, Add</i>	4,027.43 100.30	254.27
22 11 19 00-0364	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>For Work In Restricted Working Space, Add</i>	4,417.93 150.59	376.70
22 11 19 00-0365	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>For Work In Restricted Working Space, Add</i>	6,035.97 296.61	547.31
22 11 19 00-0366	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>For Work In Restricted Working Space, Add</i>	10,486.47 444.91	820.96
22 11 19 00-0367			Backflow Preventer Accessories <small>(22 11 19 00-0162)</small>		
22 11 19 00-0368			Air Gap <small>(22 11 19 00-0367)</small>		
22 11 19 00-0369	EA		Up To 1" Diameter Air Gap For Backflow Preventer	88.41	12.79
22 11 19 00-0370	EA		1-1/4" To 2" Diameter Air Gap For Backflow Preventer	108.59	15.34
22 11 19 00-0371	EA		2-1/2" To 3" Diameter Air Gap For Backflow Preventer	199.49	20.45
22 11 19 00-0372	EA		4" To 6" Diameter Air Gap For Backflow Preventer	392.13	35.79
22 11 19 00-0373	EA		8" To 10" Diameter Air Gap For Backflow Preventer	422.81	51.13
22 11 19 00-0374			Brass Test Cocks <small>(22 11 19 00-0367)</small>		
22 11 19 00-0375	EA		1/8" Or 1/4" Brass Test Cock	35.93	5.12
22 11 19 00-0376			Backflow Valve Enclosures <small>(22 11 19 00-0162)</small>		
22 11 19 00-0377			Flip-Top, Insulated Fiberglass Valve Enclosures <small>(22 11 19 00-0376)</small> Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0378	EA		19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	790.74 95.60	92.04
22 11 19 00-0379	EA		27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	969.06 122.35	92.04
22 11 19 00-0380	EA		27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,223.63 162.36	84.76
22 11 19 00-0381	EA		33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,275.37 163.05	113.01
22 11 19 00-0382	EA		39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,335.85 172.13	113.01
22 11 19 00-0383	EA		47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,571.55 207.48	113.01
22 11 19 00-0384	EA		39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,577.75 208.41	113.01

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 19 00-0385	EA 47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,979.37 268.65	113.01
22 11 19 00-0386	EA 70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	4,545.31 639.42	169.51
22 11 19 00-0387	EA 83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	6,572.04 943.43	169.51
22 11 19 00-0388	EA 70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	6,246.40 894.58	169.51
22 11 19 00-0389	EA 83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	7,520.07 1,078.57	197.76
22 11 19 00-0390	One-Piece Drop Over, Insulated Fiberglass Valve Enclosures (22 11 19 00-0376) Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0391	EA 20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	428.58 77.53	24.54
22 11 19 00-0392	EA 27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	592.95 110.41	24.54
22 11 19 00-0393	EA 38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	741.67 140.80	22.60
22 11 19 00-0394	EA 47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	1,116.94 215.85	22.60
22 11 19 00-0395	EA 70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	2,886.66 563.20	42.38
22 11 19 00-0396	EA 83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	3,936.46 773.16	42.38
22 11 19 00-0397	EA 45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	2,626.14 511.10	42.38
22 11 19 00-0398	EA 53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	2,970.39 579.95	42.38
22 11 19 00-0399	EA 61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	4,640.46 913.96	42.38
22 11 19 00-0400	Sectional, Insulated Aluminum Valve Enclosures (22 11 19 00-0376) Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0401	EA 70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,907.84 840.15 476.17 852.09	184.09
22 11 19 00-0402	EA 83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,507.95 930.17 476.17 852.09	184.09
22 11 19 00-0403	EA 53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	4,618.19 650.35 476.17 852.09	169.51
22 11 19 00-0404	EA 53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,061.68 716.87 476.17 852.09	169.51
22 11 19 00-0405	EA 90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,895.53 827.82 476.17 852.09	226.02
22 11 19 00-0406	EA 102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,605.74 934.36 476.17 852.09	226.02
22 11 19 00-0407	EA 90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,605.74 934.36 476.17 852.09	226.02
22 11 19 00-0408	EA 102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	7,294.24 1,037.63 476.17 852.09	226.02
22 11 19 00-0409	EA 62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,482.49 772.93 476.17 852.09	197.76
22 11 19 00-0410	EA 62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,418.11 906.21 476.17 852.09	226.02
22 11 19 00-0411	EA 105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	7,492.72 1,067.40 476.17 852.09	226.02
22 11 19 00-0412	EA 125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,223.37 1,173.47 476.17 852.09	240.15
22 11 19 00-0413	EA 105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,436.12 1,200.22 476.17 852.09	260.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0414	EA		125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	9,348.67 1,333.27 476.17 852.09	276.13
22 11 19 00-0415	EA		105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	9,667.32 1,386.53 476.17 852.09	254.27
22 11 19 00-0416	EA		72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	7,027.52 997.62 476.17 852.09	226.02
22 11 19 00-0417	EA		72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	7,488.07 1,066.71 476.17 852.09	226.02
22 11 19 00-0418	EA		72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	8,469.93 1,210.45 476.17 852.09	240.15
22 11 19 00-0419	EA		72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	10,258.13 1,475.15 476.17 852.09	254.27
22 11 19 00-0420	EA		118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	8,957.12 1,280.00 476.17 852.09	113.01
22 11 19 00-0421	EA		142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	10,756.18 1,546.33 476.17 852.09	113.01
22 11 19 00-0422	EA		118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	10,401.08 1,493.06 476.17 852.09	169.51
22 11 19 00-0423	EA		142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	12,065.52 1,735.67 476.17 852.09	169.51
22 11 19 00-0424	EA		142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	11,134.83 1,599.59 476.17 852.09	169.51
22 11 19 00-0425	EA		172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	13,010.16 1,873.83 476.17 852.09	197.76
22 11 19 00-0426	EA		142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	13,057.24 1,873.83 476.17 852.09	169.51
22 11 19 00-0427	EA		172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure For Heated Enclosure, Add For One 24" Fluorescent Light Fixture, Add For Two 24" Fluorescent Light Fixture, Add	15,484.61 2,230.87 476.17 852.09	169.51
22 11 19 00-0428			Faucets (Hose Bibbs) (22 11 19)		
22 11 19 00-0429			Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends (22 11 19 00-0428)		
22 11 19 00-0430	EA		1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	52.22	10.22
22 11 19 00-0431	EA		3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	60.79	11.25
22 11 19 00-0432	EA		3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	19.94	7.67
22 11 19 00-0433			Chrome Plated Brass Hose Valves, Screwed Ends (22 11 19 00-0428)		
22 11 19 00-0434	EA		3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP).....	198.51	31.30
22 11 19 00-0435			Antisiphon Freezeless Wall Faucet (22 11 19 00-0428)		
22 11 19 00-0436	EA		4" Long, 1/2" Antisiphon Freezeless Wall Faucet	136.47	25.57
22 11 19 00-0437	EA		6" Long, 1/2" Antisiphon Freezeless Wall Faucet	147.33	28.33
22 11 19 00-0438	EA		8" Long, 1/2" Antisiphon Freezeless Wall Faucet	155.64	29.97
22 11 19 00-0439	EA		10" Long, 1/2" Antisiphon Freezeless Wall Faucet	163.92	32.11
22 11 19 00-0440	EA		12" Long, 1/2" Antisiphon Freezeless Wall Faucet	172.32	34.05
22 11 19 00-0441			Escutcheons (22 11 19)		
22 11 19 00-0442			Brass Escutcheons (22 11 19 00-0441)		
22 11 19 00-0443			Shallow Brass Escutcheons (22 11 19 00-0442)		
22 11 19 00-0444	EA		3/8" IPS, Antique Or Polished Brass Shallow Escutcheon.....	11.15	2.55
22 11 19 00-0445	EA		1/2" IPS, Antique Or Polished Brass Shallow Escutcheon.....	11.99	2.55
22 11 19 00-0446			Deep Bell Brass Escutcheons (22 11 19 00-0442)		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 19 00-0447	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	13.07	2.87
22 11 19 00-0448	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	13.10	2.87
22 11 19 00-0449		Chrome Plated Brass Escutcheons With Setscrew (22 11 19 00-0442)		
22 11 19 00-0450	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.30	2.55
22 11 19 00-0451	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.58	2.55
22 11 19 00-0452	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.99	2.55
22 11 19 00-0453	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.48	2.55
22 11 19 00-0454	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.80	3.07
22 11 19 00-0455	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.25	3.07
22 11 19 00-0456	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	29.18	3.38
22 11 19 00-0457	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	30.44	3.58
22 11 19 00-0458	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	44.45	4.09
22 11 19 00-0459		Plastic Escutcheons (22 11 19 00-0441)		
22 11 19 00-0460		Split-Ring White Plastic Escutcheons (22 11 19 00-0459)		
22 11 19 00-0461	EA	3/8" IPS, Split-Ring White Plastic Escutcheon.....	5.33	2.54
22 11 19 00-0462	EA	1/2" IPS, Split-Ring White Plastic Escutcheon.....	5.33	2.54
22 11 19 00-0463	EA	3/4" IPS, Split-Ring White Plastic Escutcheon.....	5.95	2.85
22 11 19 00-0464	EA	1" IPS, Split-Ring White Plastic Escutcheon.....	6.47	3.05
22 11 19 00-0465	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon.....	7.00	3.36
22 11 19 00-0466	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon.....	7.52	3.56
22 11 19 00-0467	EA	2" IPS, Split-Ring White Plastic Escutcheon.....	8.57	4.07
22 11 19 00-0468	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon.....	9.57	4.38
22 11 19 00-0469	EA	3" IPS, Split-Ring White Plastic Escutcheon.....	10.58	4.58
22 11 19 00-0470	EA	4" IPS, Split-Ring White Plastic Escutcheon.....	12.08	5.09
22 11 19 00-0471		Chrome Plate Plastic Escutcheons (22 11 19 00-0459)		
22 11 19 00-0472	EA	1/2" IPS, Chrome Plate Plastic Escutcheon.....	5.73	2.54
22 11 19 00-0473	EA	3/4" IPS, Chrome Plate Plastic Escutcheon.....	6.29	2.85
22 11 19 00-0474	EA	1" IPS, Chrome Plate Plastic Escutcheon.....	6.91	3.05
22 11 19 00-0475	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon.....	7.55	3.36
22 11 19 00-0476	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon.....	8.07	3.56
22 11 19 00-0477	EA	2" IPS, Chrome Plate Plastic Escutcheon.....	9.51	4.07
22 11 19 00-0478	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon.....	11.27	4.38
22 11 19 00-0479	EA	3" IPS, Chrome Plate Plastic Escutcheon.....	11.83	4.58
22 11 19 00-0480	EA	4" IPS, Chrome Plate Plastic Escutcheon.....	12.94	5.09
22 11 19 00-0481		Stainless Steel Escutcheons (22 11 19 00-0441)		
22 11 19 00-0482		Shallow Stainless Steel Escutcheons (22 11 19 00-0481)		
22 11 19 00-0483	EA	3/8" IPS, Shallow Stainless Steel Escutcheon.....	12.69	2.55
22 11 19 00-0484	EA	1/2" IPS, Shallow Stainless Steel Escutcheon.....	12.69	2.55
22 11 19 00-0485	EA	3/4" IPS, Shallow Stainless Steel Escutcheon.....	17.28	2.87
22 11 19 00-0486		Chrome Plated Steel Escutcheons (22 11 19 00-0441)		
22 11 19 00-0487		Split-Ring Chrome Plated Steel Escutcheons (22 11 19 00-0486)		
22 11 19 00-0488	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	5.94	2.54
22 11 19 00-0489	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	6.45	2.85
22 11 19 00-0490	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	7.11	3.05
22 11 19 00-0491	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	7.62	3.36
22 11 19 00-0492	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	8.13	3.56
22 11 19 00-0493	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	9.40	4.07
22 11 19 00-0494	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	15.61	4.38
22 11 19 00-0495	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	16.58	4.58
22 11 19 00-0496	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	21.06	4.89
22 11 19 00-0497	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	18.00	5.09
22 11 19 00-0498	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	23.98	5.60
22 11 19 00-0499	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	28.32	6.10
22 11 19 00-0500		Split-Ring/Springs Chrome Plated Steel Escutcheons (22 11 19 00-0486)		
22 11 19 00-0501	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	10.71	2.54
22 11 19 00-0502	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	10.71	2.54
22 11 19 00-0503	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	11.40	2.85
22 11 19 00-0504	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	9.16	3.05
22 11 19 00-0505	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.65	3.36
22 11 19 00-0506	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.40	3.56
22 11 19 00-0507	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	17.19	4.07
22 11 19 00-0508	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	20.07	4.38
22 11 19 00-0509	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	25.08	4.58
22 11 19 00-0510	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.43	4.89
22 11 19 00-0511	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	31.77	5.09
22 11 19 00-0512	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	54.68	5.60
22 11 19 00-0513	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	56.88	6.10
22 11 19 00-0514		Deep Bell Chrome Plated Steel Escutcheons (22 11 19 00-0486)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 19 00-0515	EA			3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.44	2.87
22 11 19 00-0516	EA			1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.30	2.87
22 11 19 00-0517	EA			3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.00	2.87
22 11 19 00-0518	EA			1" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.91	3.07
22 11 19 00-0519	EA			1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.60	3.38
22 11 19 00-0520	EA			1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.52	3.58

22 11 19 00-0521 Shallow Chrome Plated Steel Escutcheons (22 11 19 00-0486)

22 11 19 00-0522	EA			3/8" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.45	2.55
22 11 19 00-0523	EA			1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.45	2.55
22 11 19 00-0524	EA			3/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.59	2.55
22 11 19 00-0525	EA			1" IPS, Shallow Chrome Plated Steel Escutcheon.....	7.07	3.07
22 11 19 00-0526	EA			1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.66	3.38
22 11 19 00-0527	EA			1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	8.57	3.58
22 11 19 00-0528	EA			2" IPS, Shallow Chrome Plated Steel Escutcheon.....	9.69	4.09

22 11 19 00-0529 Keyed, Recessed Valve Boxes (22 11 19)

22 11 19 00-0530	EA			8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box.....	209.52	30.52
22 11 19 00-0531	EA			8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box.....	230.74	30.52
22 11 19 00-0532	EA			8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box.....	262.55	30.52
22 11 19 00-0533	EA			12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box.....	261.69	40.70
22 11 19 00-0534	EA			12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box.....	293.51	40.70
22 11 19 00-0535	EA			12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box.....	303.05	40.70
22 11 19 00-0536	EA			8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	243.46	30.52
22 11 19 00-0537	EA			8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	290.13	30.52
22 11 19 00-0538	EA			8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	331.49	30.52
22 11 19 00-0539	EA			12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	321.08	40.70
22 11 19 00-0540	EA			12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	362.45	40.70
22 11 19 00-0541	EA			12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	378.36	40.70

22 11 23 Domestic Water Pumps (22 11)

22 11 23 13 Domestic Water Packaged Booster Pumps And Tanks (22 11 23)

Note: Includes motor starter and controls.

22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank (22 11 23 13)

22 11 23 13-0002	EA			1 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	6,835.72	301.36
22 11 23 13-0003	EA			1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	7,187.57	404.95
22 11 23 13-0004	EA			2 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	7,585.83	508.54
22 11 23 13-0005	EA			3 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	7,960.89	612.13
22 11 23 13-0006	EA			5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	8,846.68	715.73
22 11 23 13-0007	EA			7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	9,848.53	819.32
22 11 23 13-0008	EA			10 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	10,571.81	922.91

22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator (22 11 23 13)

22 11 23 13-0010	EA			100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	18,770.32	1,221.28
22 11 23 13-0011	EA			200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	22,453.84	1,297.60
22 11 23 13-0012	EA			300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	26,152.16	1,373.93

22 11 23 13-0013 Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator (22 11 23 13)

22 11 23 13-0014	EA			200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	24,432.92	1,297.60
22 11 23 13-0015	EA			300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	30,205.21	1,373.93
22 11 23 13-0016	EA			500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	37,381.88	1,526.59
22 11 23 13-0017	EA			750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	47,131.65	1,679.25
22 11 23 13-0018	EA			1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	56,881.42	1,831.90
22 11 23 13-0019	EA			1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	66,200.44	2,060.90
22 11 23 13-0020	EA			2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	75,519.45	2,289.89
22 11 23 13-0021	EA			3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	84,838.46	2,518.87
22 11 23 13-0022	EA			5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	94,348.30	2,824.19

22 11 23 13-0023 Variable Speed Duplex Domestic Water Pressure Booster Skid (22 11 23 13)

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0024	EA			40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1).....	25,087.40	1,314.92
22 11 23 13-0025	EA			40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2).....	26,206.51	1,314.92
22 11 23 13-0026	EA			80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3).....	27,805.58	1,314.92
22 11 23 13-0027	EA			80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	30,110.62	1,314.92
22 11 23 13-0028	EA			160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5).....	28,500.72	1,397.10
22 11 23 13-0029	EA			160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6).....	30,512.93	1,397.10
22 11 23 13-0030	EA			160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	33,245.69	1,397.10

MINOR	
CSI	UOM DESCRIPTION

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8).....	35,466.89	1,397.10
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9).....	31,118.16	1,479.28
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10).....	33,104.85	1,479.28
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11).....	37,547.25	1,479.28
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12).....	45,003.10	1,479.28
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13).....	32,825.37	1,479.28
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14).....	36,877.73	1,479.28
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15).....	45,797.78	1,479.28
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16).....	45,540.18	1,479.28
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17).....	54,255.08	1,643.65
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18).....	37,547.46	1,643.65
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19).....	45,670.40	1,643.65
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20).....	45,414.01	1,643.65
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21).....	54,653.63	1,643.65
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22).....	65,955.28	1,643.65
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1).....	31,542.01	1,314.92

22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid (22 11 23 13)

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2).....	31,542.01	1,314.92
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3).....	35,209.18	1,314.92
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4).....	38,373.30	1,314.92
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5).....	35,414.64	1,397.10
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6).....	38,556.89	1,397.10
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7).....	36,148.56	1,397.10
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8).....	38,849.73	1,397.10
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9).....	42,564.29	1,397.10
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10).....	45,643.35	1,397.10
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11).....	36,531.43	1,479.28
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12).....	39,232.59	1,479.28
22 11 23 13-0059	EA	300 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13).....	42,945.94	1,479.28
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14).....	46,025.00	1,479.28
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15).....	39,569.18	1,479.28
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16).....	42,163.42	1,479.28
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17).....	48,573.07	1,479.28
22 11 23 13-0064	EA	360 GPM At 140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18).....	59,032.65	1,479.28
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19).....	40,509.87	1,643.65
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20).....	43,105.32	1,643.65
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21).....	49,514.98	1,643.65
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22).....	59,973.34	1,643.65
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23).....	42,684.90	1,643.65
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24).....	48,510.09	1,643.65
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25).....	61,164.14	1,643.65
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26).....	62,390.18	1,643.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11 23 13-0073	EA		540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27).....	77,079.52	1,643.65
22 11 23 13-0074	EA		660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28).....	48,433.96	1,972.38
22 11 23 13-0075	EA		660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29).....	58,034.47	1,972.38
22 11 23 13-0076	EA		660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30).....	61,674.90	1,972.38
22 11 23 13-0077	EA		660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31).....	74,162.49	1,972.38
22 11 23 13-0078	EA		660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32).....	91,636.84	1,972.38

22 11 23 23 Domestic-Water In-Line Pumps (22 11 23)

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0002	EA		1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B).....	726.15	169.51
22 11 23 23-0003	EA		1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B).....	742.27	169.51
22 11 23 23-0004	EA		1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B).....	773.79	172.81
22 11 23 23-0005	EA		1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B).....	845.53	179.87
22 11 23 23-0006	EA		1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B).....	1,422.89	186.55
22 11 23 23-0007	EA		1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB).....	1,509.35	186.55
22 11 23 23-0008	EA		1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB).....	2,205.80	205.39
22 11 23 23-0009	EA		1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB).....	2,308.01	225.64
22 11 23 23-0010	EA		1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB).....	2,777.34	248.26
22 11 23 23-0011	EA		1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S).....	2,851.92	273.22
22 11 23 23-0012	EA		3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S).....	3,119.73	300.07
22 11 23 23-0013	EA		1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S).....	4,402.72	330.23
22 11 23 23-0014	EA		1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S).....	5,048.60	346.24

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0016	EA		1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30).....	751.54	169.51
22 11 23 23-0017	EA		1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36).....	1,179.27	169.51
22 11 23 23-0018	EA		1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	1,186.09	172.81
22 11 23 23-0019	EA		1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	1,207.13	176.57
22 11 23 23-0020	EA		1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50).....	1,213.71	179.87
22 11 23 23-0021	EA		1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75).....	1,238.80	186.55
22 11 23 23-0022	EA		1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2).....	1,498.85	205.39
22 11 23 23-0023	EA		1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30).....	1,922.59	248.26
22 11 23 23-0024	EA		1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S).....	2,033.33	273.22
22 11 23 23-0025	EA		3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S).....	2,360.25	300.07
22 11 23 23-0026	EA		1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S).....	3,134.71	330.23
22 11 23 23-0027	EA		1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S).....	3,638.22	346.24
22 11 23 23-0028	EA		2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	3,301.89	363.67
22 11 23 23-0029	EA		3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	3,555.59	399.75
22 11 23 23-0030	EA		5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	3,906.34	423.96
22 11 23 23-0031	EA		7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	4,890.99	471.07
22 11 23 23-0032	EA		10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	5,232.52	565.38
22 11 23 23-0033	EA		15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	6,632.88	659.79

22 12 Facility Potable-Water Storage Tanks (22 10)

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks (22 12)

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks (22 12 19)

22 12 19 00-0002	EA		5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	26,787.27	7,911.31
22 12 19 00-0003	EA		10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	29,580.15	7,911.31
22 12 19 00-0004	EA		20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	51,725.81	12,208.83
22 12 19 00-0005	EA		35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	66,814.87	15,822.62

22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks (22 12 19)

22 12 19 00-0007	EA		5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	30,924.87	7,911.31
22 12 19 00-0008	EA		10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	40,648.24	7,911.31
22 12 19 00-0009	EA		20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	61,030.32	12,208.83
22 12 19 00-0010	EA		35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	85,830.62	15,822.62

22 12 23 Facility Indoor Potable-Water Storage Tanks (22 12)

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks (22 12 23)

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) (22 12 23 13)

22 12 23 13-0002	EA		80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A).....	1,957.75	376.70
22 12 23 13-0003	EA		119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M).....	2,426.83	470.87
22 12 23 13-0004	EA		140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A).....	4,358.13	517.96
22 12 23 13-0005	EA		200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	4,816.94	565.04
22 12 23 13-0006	EA		250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	9,392.48	612.13

22 Plumbing**22 10 Plumbing Piping****22 12 Facility Potable-Water Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	8,138.63	659.22
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	13,824.10	706.31
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	12,774.72	753.39
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	13,871.62	800.48
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	16,491.25	847.57

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (22 12 23 13)

22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	1,694.11	376.70
22 12 23 13-0014	EA	120 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-120S)	3,169.40	470.87
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	3,938.83	517.96
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	4,842.89	565.04
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	4,142.35	565.04
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	6,316.12	612.13
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	6,834.62	659.22
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	6,516.38	659.22
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	5,965.87	659.22
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	8,095.70	706.31
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	8,777.90	753.39
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	10,165.53	800.48
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	18,848.47	847.57

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks (22 12 23)**22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks** (22 12 23 26)

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	515.13	211.90
		<i>For Saddle Assembly, Add</i>	565.46	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	603.03	247.21
		<i>For Saddle Assembly, Add</i>	565.46	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	711.34	282.52
		<i>For Saddle Assembly, Add</i>	634.84	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	856.36	317.84
		<i>For Saddle Assembly, Add</i>	905.56	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,016.36	353.16
		<i>For Two Tie Down Bands, Add</i>	332.52	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,298.48	462.80
		<i>For Two Tie Down Bands, Add</i>	351.57	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,887.35	539.94
		<i>For Three Tie Down Bands, Add</i>	588.56	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,666.05	617.07
		<i>For Three Tie Down Bands, Add</i>	592.64	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,300.80	694.21
		<i>For Four Tie Down Bands, Add</i>	801.08	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,851.83	771.34
		<i>For Four Tie Down Bands, Add</i>	1,078.60	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,416.46	848.47
		<i>For Four Tie Down Bands, Add</i>	1,383.32	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,253.91	925.61
		<i>For Four Tie Down Bands, Add</i>	1,486.71	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	8,949.48	1,234.16
		<i>For Four Tie Down Bands, Add</i>	1,666.28	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	11,449.71	1,234.16
		<i>For Five Tie Down Bands, Add</i>	2,579.38	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)

22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	582.10	282.52
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	685.90	300.18
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	748.89	317.84
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	895.29	353.16
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,028.91	423.78
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,212.88	494.42
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	1,644.41	617.07
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,119.46	771.34
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,809.45	925.61
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,627.31	1,079.89
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,211.06	1,234.16
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	6,955.32	1,388.42
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	7,873.85	1,542.69
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,675.38	1,696.96
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	9,958.48	1,851.23
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	11,218.46	2,005.50
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	13,770.80	2,159.76
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	16,522.01	2,468.30

22 13 Facility Sanitary Sewerage (22 10)**22 13 13 Facility Sanitary Sewers** (22 13)

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI		UNIT COST	UNIT COST

22 13 13 00-0001		Fixture Rough-In <small>(22 13 13)</small>	<p>Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0368 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.</p>
22 13 13 00-0002		Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small>	<p>Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</p>
22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	864.75
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,127.31
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	790.57
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	508.52
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	599.03
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	768.77
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	814.13
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	492.69
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	790.57
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	816.22
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	769.12
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	864.75
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,353.09
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	837.70
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	
22 13 13 00-0017		Double Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small>	<p>Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</p>
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,117.47
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,510.93
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	965.64
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	603.94
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	817.98
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	865.34
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	572.61
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	975.04
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	857.79
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	834.27
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,117.47
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	
22 13 13 00-0029		Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small>	<p>Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</p>
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe	558.30
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe	755.47
		Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe	483.29
		Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 13 00-0033	EA		Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....302.43 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	302.43	
22 13 13 00-0034	EA		Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....409.01 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	409.01	
22 13 13 00-0035	EA		Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....432.65 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	432.65	
22 13 13 00-0036	EA		Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....309.85 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	309.85	
22 13 13 00-0037	EA		Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet .....487.06 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	487.06	
22 13 13 00-0038	EA		Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....428.89 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	428.89	
22 13 13 00-0039	EA		Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....417.58 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	417.58	
22 13 13 00-0040	EA		Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....551.69 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	551.69	
22 13 13 00-0041			Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet.....428.23 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	428.23	
22 13 13 00-0043	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet.....408.72 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	408.72	
22 13 13 00-0044	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet .....417.90 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	417.90	
22 13 13 00-0045	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal.....240.15 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	240.15	
22 13 13 00-0046	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory.....280.38 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	280.38	
22 13 13 00-0047	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink.....397.55 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	397.55	
22 13 13 00-0048	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub .....389.91 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	389.91	
22 13 13 00-0049	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler.....241.45 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	241.45	
22 13 13 00-0050	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink .....417.90 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	417.90	
22 13 13 00-0051	EA		Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....452.71 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	452.71	
22 13 13 00-0052	EA		Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....411.41 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	411.41	
22 13 13 00-0053	EA		Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....428.12 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	428.12	
22 13 13 00-0054	EA		Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....654.90 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	654.90	
22 13 13 00-0055	EA		Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....410.51 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	410.51	
22 13 13 00-0056			Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA		Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....497.62 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	497.62	
22 13 13 00-0058	EA		Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....529.72 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	529.72	
22 13 13 00-0059	EA		Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....434.94 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	434.94	
22 13 13 00-0060	EA		Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....253.30 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	253.30	
22 13 13 00-0061	EA		Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....397.29 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	397.29	
22 13 13 00-0062	EA		Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....410.85 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	410.85	
22 13 13 00-0063	EA		Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe252.46 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	252.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 13 00-0064	EA		Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 443.31 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0065	EA		Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 458.44 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0066	EA		Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 437.43 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0067	EA		Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 497.62 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0068			Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ^(22 13 13 00-0001) Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA		Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 248.43 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0070	EA		Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 264.40 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0071	EA		Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 217.75 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0072	EA		Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 126.70 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0073	EA		Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 198.62 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0074	EA		Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 205.19 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0075	EA		Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 126.23 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0076	EA		Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 221.57 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0077	EA		Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 229.25 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0078	EA		Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 219.12 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0079	EA		Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 242.18 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		

22 13 16 Sanitary Waste And Vent Piping ^(22 13)

22 13 16 00-0001			Cast Iron Soil Pipe Assemblies ^(22 13 16)		
22 13 16 00-0002			Underground Bell And Spigot Cast Iron Soil Pipe Assemblies ^(22 13 16 00-0001) Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003	LF		2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 28.34 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	5.93	
			<i>For Work In Restricted Working Space, Add</i> 4.35		
22 13 16 00-0004	LF		3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 40.39 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	8.95	
			<i>For Work In Restricted Working Space, Add</i> 5.90		
22 13 16 00-0005	LF		4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 52.38 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	11.40	
			<i>For Work In Restricted Working Space, Add</i> 7.59		
22 13 16 00-0006	LF		5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 60.72 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.77	
			<i>For Work In Restricted Working Space, Add</i> 7.75		
22 13 16 00-0007	LF		6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 71.18 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	15.01	
			<i>For Work In Restricted Working Space, Add</i> 8.61		
22 13 16 00-0008	LF		8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 112.60 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	21.41	
			<i>For Work In Restricted Working Space, Add</i> 12.12		
22 13 16 00-0009	LF		10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 164.18 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	21.41	
			<i>For Work In Restricted Working Space, Add</i> 13.72		
22 13 16 00-0010			Aboveground No Hub Cast Iron Soil Pipe Assemblies ^(22 13 16 00-0001) Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0011	LF 1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	24.63 4.96	5.65
22 13 16 00-0012	LF 2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	26.18 5.33	6.02
22 13 16 00-0013	LF 3" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	33.41 6.54	8.76
22 13 16 00-0014	LF 4" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	39.69 7.82	11.40
22 13 16 00-0015	LF 5" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	50.50 9.17	13.51
22 13 16 00-0016	LF 6" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	56.76 9.99	14.74
22 13 16 00-0017	LF 8" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	87.20 13.82	21.23
22 13 16 00-0018	LF 10" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	119.97 16.06	24.12
22 13 16 00-0019	Bell And Spigot Cast Iron Soil Pipe And Fittings (22 13 16) Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020	Bell And Spigot Cast Iron Pipe (22 13 16 00-0019) Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF 2" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.04 4.65 0.45 2.69	5.93
22 13 16 00-0022	LF 3" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.33 6.67 0.67 4.04	8.95
22 13 16 00-0023	LF 4" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.76 8.67 0.86 5.14	11.40
22 13 16 00-0024	LF 5" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.72 12.23 1.03 6.18	13.77
22 13 16 00-0025	LF 6" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.94 14.90 1.12 6.74	15.01
22 13 16 00-0026	LF 8" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	87.28 23.17 1.61 9.64	21.41
22 13 16 00-0027	LF 10" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.97 38.57 1.81 10.84	24.12
22 13 16 00-0028	LF 12" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	181.59 56.03 2.41 14.45	32.16
22 13 16 00-0029	LF 15" Bell And Spigot Cast Iron Pipe..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	252.80 81.89 2.89 17.35	38.57
22 13 16 00-0030	Bell And Spigot Cast Iron Fittings (22 13 16 00-0019)		
22 13 16 00-0031	Bell And Spigot Cast Iron Long Sweeps (22 13 16 00-0030)		
22 13 16 00-0032	EA 2" Bell And Spigot Cast Iron Long Sweep..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.46 17.49 2.03 12.15	27.03
22 13 16 00-0033	EA 3" Bell And Spigot Cast Iron Long Sweep..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.26 35.48 2.55 15.27	34.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0034 EA 4" Bell And Spigot Cast Iron Long Sweep.....	202.85	45.20
<i>For Extra Heavy Fittings, Add</i>	47.29	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.39	
<i>For Work In Restricted Working Space, Add</i>	20.33	
22 13 16 00-0035 EA 6" Bell And Spigot Cast Iron Long Sweep.....	314.80	58.26
<i>For Extra Heavy Fittings, Add</i>	79.61	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.37	
<i>For Work In Restricted Working Space, Add</i>	26.20	
22 13 16 00-0036 EA 8" Bell And Spigot Cast Iron Long Sweep.....	620.25	75.34
<i>For Extra Heavy Fittings, Add</i>	177.57	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.65	
<i>For Work In Restricted Working Space, Add</i>	33.88	
22 13 16 00-0037 EA 10" Bell And Spigot Cast Iron Long Sweep.....	847.58	92.69
<i>For Extra Heavy Fittings, Add</i>	248.01	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.95	
<i>For Work In Restricted Working Space, Add</i>	41.69	
22 13 16 00-0038 EA 12" Bell And Spigot Cast Iron Long Sweep.....	1,298.75	129.36
<i>For Extra Heavy Fittings, Add</i>	386.67	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.70	
<i>For Work In Restricted Working Space, Add</i>	58.19	
22 13 16 00-0039 EA 15" Bell And Spigot Cast Iron Long Sweep.....	2,406.80	180.14
<i>For Extra Heavy Fittings, Add</i>	747.86	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.50	
<i>For Work In Restricted Working Space, Add</i>	81.02	
22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)		
22 13 16 00-0041 EA 2" Bell And Spigot Cast Iron Short Sweep.....	77.27	27.03
<i>For Extra Heavy Fittings, Add</i>	12.87	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.03	
<i>For Work In Restricted Working Space, Add</i>	12.15	
22 13 16 00-0042 EA 3" Bell And Spigot Cast Iron Short Sweep.....	130.13	34.00
<i>For Extra Heavy Fittings, Add</i>	27.73	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.55	
<i>For Work In Restricted Working Space, Add</i>	15.27	
22 13 16 00-0043 EA 4" Bell And Spigot Cast Iron Short Sweep.....	177.96	45.20
<i>For Extra Heavy Fittings, Add</i>	38.57	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.39	
<i>For Work In Restricted Working Space, Add</i>	20.33	
22 13 16 00-0044 EA 5" Bell And Spigot Cast Iron Short Sweep.....	264.79	49.53
<i>For Extra Heavy Fittings, Add</i>	66.70	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.71	
<i>For Work In Restricted Working Space, Add</i>	22.27	
22 13 16 00-0045 EA 6" Bell And Spigot Cast Iron Short Sweep.....	319.54	58.26
<i>For Extra Heavy Fittings, Add</i>	81.27	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.37	
<i>For Work In Restricted Working Space, Add</i>	26.20	
22 13 16 00-0046 EA 8" Bell And Spigot Cast Iron Short Sweep.....	524.86	75.34
<i>For Extra Heavy Fittings, Add</i>	144.18	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.65	
<i>For Work In Restricted Working Space, Add</i>	33.88	
22 13 16 00-0047 EA 10" Bell And Spigot Cast Iron Short Sweep.....	766.19	92.69
<i>For Extra Heavy Fittings, Add</i>	219.52	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.95	
<i>For Work In Restricted Working Space, Add</i>	41.69	
22 13 16 00-0048 EA 12" Bell And Spigot Cast Iron Short Sweep.....	1,268.39	129.36
<i>For Extra Heavy Fittings, Add</i>	376.05	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.70	
<i>For Work In Restricted Working Space, Add</i>	58.19	
22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends (22 13 16 00-0030)		
22 13 16 00-0050 EA 2" Bell And Spigot Cast Iron 1/4 Bend.....	69.78	26.93
<i>For Extra Heavy Fittings, Add</i>	10.28	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.02	
<i>For Work In Restricted Working Space, Add</i>	12.13	
22 13 16 00-0051 EA 3" Bell And Spigot Cast Iron 1/4 Bend.....	104.16	30.32
<i>For Extra Heavy Fittings, Add</i>	20.53	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.27	
<i>For Work In Restricted Working Space, Add</i>	13.65	
22 13 16 00-0052 EA 4" Bell And Spigot Cast Iron 1/4 Bend.....	148.64	40.40
<i>For Extra Heavy Fittings, Add</i>	30.83	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.03	
<i>For Work In Restricted Working Space, Add</i>	18.17	
22 13 16 00-0053 EA 5" Bell And Spigot Cast Iron 1/4 Bend.....	184.56	44.22
<i>For Extra Heavy Fittings, Add</i>	41.41	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.31	
<i>For Work In Restricted Working Space, Add</i>	19.88	
22 13 16 00-0054 EA 6" Bell And Spigot Cast Iron 1/4 Bend.....	221.97	52.97
<i>For Extra Heavy Fittings, Add</i>	49.88	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.97	
<i>For Work In Restricted Working Space, Add</i>	23.84	
22 13 16 00-0055 EA 8" Bell And Spigot Cast Iron 1/4 Bend.....	457.61	69.38
<i>For Extra Heavy Fittings, Add</i>	123.77	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.20	
<i>For Work In Restricted Working Space, Add</i>	31.20	
22 13 16 00-0056 EA 10" Bell And Spigot Cast Iron 1/4 Bend.....	673.34	84.19
<i>For Extra Heavy Fittings, Add</i>	191.50	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.31	
<i>For Work In Restricted Working Space, Add</i>	37.86	

22 Plumbing
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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0057	EA 12" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	886.75 258.21 7.45 44.70	99.37
22 13 16 00-0058	EA 15" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,257.77 707.99 11.75 70.48	156.73
22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends (22 13 16 00-0030)			
22 13 16 00-0060	EA 2" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.94 8.20 2.03 12.15	27.03
22 13 16 00-0061	EA 3" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.28 16.93 2.55 15.27	34.00
22 13 16 00-0062	EA 4" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.15 25.69 3.39 20.33	45.20
22 13 16 00-0063	EA 5" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.50 32.39 4.15 24.89	55.34
22 13 16 00-0064	EA 6" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	202.77 38.57 4.63 27.77	61.71
22 13 16 00-0065	EA 8" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	400.35 96.51 6.23 37.38	83.11
22 13 16 00-0066	EA 10" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	558.79 141.76 7.69 46.13	102.53
22 13 16 00-0067	EA 12" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	900.15 245.29 9.97 59.79	132.98
22 13 16 00-0068	EA 15" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,716.69 518.61 11.75 70.48	156.73
22 13 16 00-0069 Bell And Spigot Cast Iron Wyes (22 13 16 00-0030)			
22 13 16 00-0070	EA 2" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.10 7.89 4.53 27.17	60.37
22 13 16 00-0071	EA 3" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.37 14.78 4.96 29.74	66.11
22 13 16 00-0072	EA 4" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	186.08 19.68 6.49 38.96	86.64
22 13 16 00-0073	EA 5" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	236.52 32.79 7.14 42.85	95.25
22 13 16 00-0074	EA 6" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.22 44.42 8.47 50.79	112.90
22 13 16 00-0075	EA 8" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	538.77 108.93 11.38 68.27	151.77
22 13 16 00-0076	EA 10" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	752.09 172.89 12.91 77.43	172.18
22 13 16 00-0077	EA 12" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,108.92 278.15 15.71 94.27	209.58
22 13 16 00-0078	EA 15" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,713.33 476.28 17.63 105.76	235.15
22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes (22 13 16 00-0030)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0080	EA		3" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.74 28.39 4.73 28.39	63.09
22 13 16 00-0081	EA		4" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.01 33.97 5.85 35.09	77.98
22 13 16 00-0082	EA		4" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	238.09 41.35 6.00 35.98	79.96
22 13 16 00-0083	EA		6" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	348.52 68.92 7.58 45.48	101.17
22 13 16 00-0084	EA		6" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	357.49 71.05 7.72 46.34	103.02
22 13 16 00-0085	EA		6" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	374.37 73.35 8.24 49.44	109.90
22 13 16 00-0086	EA		8" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	548.19 127.83 9.15 54.89	122.05
22 13 16 00-0087	EA		8" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	572.79 135.22 9.32 55.94	124.39
22 13 16 00-0088	EA		8" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	586.82 137.02 9.77 58.60	130.27
22 13 16 00-0089	EA		8" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	692.70 166.39 10.86 65.19	144.91
22 13 16 00-0090	EA		10" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	851.06 226.62 10.18 61.07	135.78
22 13 16 00-0091	EA		10" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	885.36 235.48 10.63 63.77	141.74
22 13 16 00-0092	EA		10" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	968.69 256.81 11.75 70.48	156.73
22 13 16 00-0093	EA		10" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,277.87 360.03 12.46 74.76	166.23
22 13 16 00-0094	EA		12" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,314.91 373.00 12.46 74.76	166.23
22 13 16 00-0095	EA		12" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,369.05 384.65 13.50 81.02	180.14
22 13 16 00-0096	EA		12" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,606.04 462.92 14.17 85.02	189.07
22 13 16 00-0097	EA		12" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,949.75 580.25 14.59 87.57	194.68
22 13 16 00-0098	EA		15" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,213.96 1,028.56 13.76 82.56	183.57
22 13 16 00-0099	EA		15" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,354.79 1,069.92 14.89 89.37	198.66
22 13 16 00-0100	EA		15" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,423.88 1,089.61 15.54 93.21	207.23
22 13 16 00-0101	EA		15" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,503.76 1,113.90 16.06 96.36	214.28

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0102	EA 15" x 12" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,592.81 1,138.51 17.00 101.98	226.75
22 13 16 00-0103	Bell And Spigot Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0104	EA 2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.76 11.27 4.53 27.17	60.37
22 13 16 00-0105	EA 3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	147.33 16.87 4.96 29.74	66.11
22 13 16 00-0106	EA 4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	196.44 23.30 6.49 38.96	86.64
22 13 16 00-0107	EA 5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	270.41 42.22 7.49 44.93	99.93
22 13 16 00-0108	EA 6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	338.53 53.46 9.29 55.73	123.94
22 13 16 00-0109	EA 8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	616.82 130.14 12.25 73.49	163.42
22 13 16 00-0110	EA 10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	888.51 198.56 16.06 96.36	214.28
22 13 16 00-0111	EA 12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,190.41 272.10 20.65 123.89	275.44
22 13 16 00-0112	Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0113	EA 3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.78 12.65 4.73 28.39	63.09
22 13 16 00-0114	EA 4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.36 23.24 5.85 35.09	77.98
22 13 16 00-0115	EA 4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.63 27.19 6.00 35.98	79.96
22 13 16 00-0116	EA 6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.49 48.61 7.58 45.48	101.17
22 13 16 00-0117	EA 6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	302.41 51.78 7.72 46.34	103.02
22 13 16 00-0118	EA 6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	320.62 54.54 8.24 49.44	109.90
22 13 16 00-0119	EA 8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	440.42 90.11 9.15 54.89	122.05
22 13 16 00-0120	EA 8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	452.79 90.11 9.77 58.60	130.27
22 13 16 00-0121	EA 8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	570.73 123.70 10.86 65.19	144.91
22 13 16 00-0122	Bell And Spigot Cast Iron Double Wyes (22 13 16 00-0030)		
22 13 16 00-0123	EA 2" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.33 31.18 5.41 32.48	72.23
22 13 16 00-0124	EA 3" Bell And Spigot Cast Iron Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	286.04 52.35 6.82 40.94	91.06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0125	EA		4" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	387.46 75.16 8.64 51.82	115.17
22 13 16 00-0126	EA		6" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	736.42 166.72 13.00 78.02	173.46
22 13 16 00-0127	EA		8" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,467.00 405.81 15.38 92.26	205.16
22 13 16 00-0128	EA		10" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,941.52 559.08 17.21 103.25	229.55
22 13 16 00-0129	EA		12" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,353.35 329.13 20.65 123.89	275.44
22 13 16 00-0130	EA		15" Bell And Spigot Cast Iron Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,786.32 1,173.44 21.68 130.09	289.08
22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes (22 13 16 00-0030)					
22 13 16 00-0132	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.66 18.40 6.41 38.43	85.42
22 13 16 00-0133	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	209.83 21.94 7.36 44.14	98.13
22 13 16 00-0134	EA		4" x 3" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.01 25.42 7.72 46.32	102.93
22 13 16 00-0135	EA		6" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	288.77 37.94 9.02 54.11	120.32
22 13 16 00-0136	EA		6" x 3" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	305.96 41.55 9.36 56.18	124.91
22 13 16 00-0137	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.62 51.59 10.21 61.26	136.21
22 13 16 00-0138	EA		8" x 4" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	564.25 114.56 11.85 71.09	158.09
22 13 16 00-0139	EA		8" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	615.50 117.23 14.03 84.17	187.09
22 13 16 00-0140	EA		10" x 4" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	601.14 121.65 12.68 76.07	169.11
22 13 16 00-0141	EA		10" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	700.68 140.98 14.89 89.37	198.66
22 13 16 00-0142	EA		10" x 8" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	861.73 187.97 16.23 97.40	216.54
22 13 16 00-0143	EA		12" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	880.21 191.83 16.61 99.64	221.51
22 13 16 00-0144	EA		12" x 8" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,122.62 266.44 18.07 108.41	241.02
22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0030)					
22 13 16 00-0146	EA		2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.40 20.00 5.41 32.48	72.23

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0147	EA 3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.71 27.24 7.24 43.46	96.62
22 13 16 00-0148	EA 4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.63 38.33 9.06 54.33	120.82
22 13 16 00-0149	EA 6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	630.20 118.84 14.53 87.20	193.86
22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0030)			
22 13 16 00-0151	EA 3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.20 31.62 6.49 38.96	86.64
22 13 16 00-0152	EA 4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	260.96 39.84 7.36 44.14	98.13
22 13 16 00-0153	EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	292.91 45.21 8.19 49.12	109.25
22 13 16 00-0154	EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	579.30 126.87 10.84 65.05	144.59
22 13 16 00-0155 Bell And Spigot Cast Iron Sanitary Tees (22 13 16 00-0030)			
22 13 16 00-0156	EA 2" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 15.59 4.53 27.19	60.46
22 13 16 00-0157	EA 3" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.52 19.04 4.96 29.74	66.11
22 13 16 00-0158	EA 4" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.27 43.32 6.07 36.45	80.99
22 13 16 00-0159	EA 5" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	352.51 77.13 6.61 39.65	88.10
22 13 16 00-0160	EA 6" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	422.87 92.55 7.92 47.53	105.67
22 13 16 00-0161	EA 8" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	904.15 243.68 10.40 62.37	138.67
22 13 16 00-0162	EA 10" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,356.31 385.96 12.68 76.07	169.11
22 13 16 00-0163	EA 12" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,020.45 602.90 14.89 89.37	198.66
22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees (22 13 16 00-0030)			
22 13 16 00-0165	EA 3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	179.96 29.87 4.73 28.39	63.09
22 13 16 00-0166	EA 4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.01 35.77 5.54 33.24	73.92
22 13 16 00-0167	EA 4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.86 39.22 5.54 33.24	73.92
22 13 16 00-0168	EA 6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	335.39 64.33 7.58 45.48	101.17

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0169	EA			6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	349.05 68.10 7.72 46.34	103.02
22 13 16 00-0170	EA			6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	378.59 74.83 8.24 49.44	109.90
22 13 16 00-0171	EA			8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	642.61 156.55 9.77 58.60	130.27
22 13 16 00-0172	EA			8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	805.70 205.94 10.86 65.19	144.91
22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees (22 13 16 00-0030)						
22 13 16 00-0174	EA			2" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.57 9.11 4.53 27.17	60.37
22 13 16 00-0175	EA			3" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.42 15.85 4.96 29.74	66.11
22 13 16 00-0176	EA			4" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	191.23 21.48 6.49 38.96	86.64
22 13 16 00-0177	EA			5" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.34 32.05 7.49 44.93	99.93
22 13 16 00-0178	EA			6" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	303.74 41.29 9.29 55.73	123.94
22 13 16 00-0179	EA			8" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	519.49 96.08 12.25 73.49	163.42
22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)						
22 13 16 00-0181	EA			2" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.62 10.17 4.53 27.17	60.37
22 13 16 00-0182	EA			3" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.00 11.50 4.96 29.74	66.11
22 13 16 00-0183	EA			4" Bell And Spigot Cast Iron Tapped Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.37 14.18 6.49 38.96	86.64
22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)						
22 13 16 00-0185	EA			2" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.54 10.85 4.53 27.17	60.37
22 13 16 00-0186	EA			3" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.65 12.78 4.96 29.74	66.11
22 13 16 00-0187	EA			4" Bell And Spigot Cast Iron Tapped Sanitary Cross <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	179.56 17.40 6.49 38.96	86.64
22 13 16 00-0188 Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)						
22 13 16 00-0189	EA			3" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.36 5.76 2.55 15.27	34.00
22 13 16 00-0190	EA			4" x 2" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.48 6.02 3.36 20.18	44.83
22 13 16 00-0191	EA			4" x 3" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.11 7.83 3.39 20.33	45.20

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	112.74	53.49
		<i>For Extra Heavy Fittings, Add</i>	11.37	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.01	
		<i>For Work In Restricted Working Space, Add</i>	24.08	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	117.83	54.20
		<i>For Extra Heavy Fittings, Add</i>	12.78	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.07	
		<i>For Work In Restricted Working Space, Add</i>	24.39	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	121.58	55.34
		<i>For Extra Heavy Fittings, Add</i>	13.52	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.15	
		<i>For Work In Restricted Working Space, Add</i>	24.89	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	156.82	57.03
		<i>For Extra Heavy Fittings, Add</i>	24.96	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.28	
		<i>For Work In Restricted Working Space, Add</i>	25.65	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	177.56	70.37
		<i>For Extra Heavy Fittings, Add</i>	25.22	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.28	
		<i>For Work In Restricted Working Space, Add</i>	31.65	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	182.24	72.18
		<i>For Extra Heavy Fittings, Add</i>	25.89	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.41	
		<i>For Work In Restricted Working Space, Add</i>	32.48	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	188.26	75.34
		<i>For Extra Heavy Fittings, Add</i>	26.37	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.65	
		<i>For Work In Restricted Working Space, Add</i>	33.88	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	234.63	84.55
		<i>For Extra Heavy Fittings, Add</i>	37.74	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.34	
		<i>For Work In Restricted Working Space, Add</i>	38.04	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	247.35	88.80
		<i>For Extra Heavy Fittings, Add</i>	39.96	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.66	
		<i>For Work In Restricted Working Space, Add</i>	39.96	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	263.46	92.69
		<i>For Extra Heavy Fittings, Add</i>	43.57	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.95	
		<i>For Work In Restricted Working Space, Add</i>	41.69	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	326.61	100.46
		<i>For Extra Heavy Fittings, Add</i>	61.62	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.53	
		<i>For Work In Restricted Working Space, Add</i>	45.17	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	364.56	117.53
		<i>For Extra Heavy Fittings, Add</i>	65.90	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.81	
		<i>For Work In Restricted Working Space, Add</i>	52.88	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	394.62	133.88
		<i>For Extra Heavy Fittings, Add</i>	67.85	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.04	
		<i>For Work In Restricted Working Space, Add</i>	60.23	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	432.70	154.21
		<i>For Extra Heavy Fittings, Add</i>	70.53	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.56	
		<i>For Work In Restricted Working Space, Add</i>	69.36	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	563.09	154.21
		<i>For Extra Heavy Fittings, Add</i>	116.17	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.56	
		<i>For Work In Restricted Working Space, Add</i>	69.36	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	599.25	166.23
		<i>For Extra Heavy Fittings, Add</i>	122.51	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.46	
		<i>For Work In Restricted Working Space, Add</i>	74.76	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	624.10	175.25
		<i>For Extra Heavy Fittings, Add</i>	126.46	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.14	
		<i>For Work In Restricted Working Space, Add</i>	78.84	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	657.74	187.09
		<i>For Extra Heavy Fittings, Add</i>	132.02	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.03	
		<i>For Work In Restricted Working Space, Add</i>	84.17	
22 13 16 00-0210		Bell And Spigot Cast Iron P-Traps (22 13 16 00-0030)		
22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	68.63	27.03
		<i>For Extra Heavy Fittings, Add</i>	9.85	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.03	
		<i>For Work In Restricted Working Space, Add</i>	12.15	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	91.83	34.00
		<i>For Extra Heavy Fittings, Add</i>	14.33	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.55	
		<i>For Work In Restricted Working Space, Add</i>	15.27	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	125.09	45.20
		<i>For Extra Heavy Fittings, Add</i>	20.07	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.39	
		<i>For Work In Restricted Working Space, Add</i>	20.33	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0214	EA			5" Bell And Spigot Cast Iron P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.15 43.03 3.71 22.27	49.53
22 13 16 00-0215	EA			6" Bell And Spigot Cast Iron P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	264.37 61.96 4.37 26.20	58.26
22 13 16 00-0216	EA			8" Bell And Spigot Cast Iron P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	585.52 165.41 5.65 33.88	75.34
22 13 16 00-0217	EA			10" Bell And Spigot Cast Iron P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	649.56 178.70 6.95 41.69	92.69
22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps (22 13 16 00-0030)						
22 13 16 00-0219	EA			2" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.32 13.59 2.03 12.15	27.03
22 13 16 00-0220	EA			3" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.84 21.68 2.55 15.27	34.00
22 13 16 00-0221	EA			4" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.15 33.74 3.39 20.33	45.20
22 13 16 00-0222	EA			5" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	267.63 64.64 4.15 24.89	55.34
22 13 16 00-0223	EA			6" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	284.13 67.05 4.63 27.77	61.71
22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent (22 13 16 00-0030)						
22 13 16 00-0225	EA			3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.16 4.96 29.74	65.26
22 13 16 00-0226	EA			4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	244.24 6.49 38.96	85.79
22 13 16 00-0227	EA			5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	327.45 7.27 43.60	96.13
22 13 16 00-0228	EA			6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	655.03 8.24 49.44	108.93
22 13 16 00-0229	EA			8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,141.57 9.77 58.60	128.82
22 13 16 00-0230	EA			8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,318.94 10.86 65.19	143.73
22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent (22 13 16 00-0030)						
22 13 16 00-0232	EA			3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	234.65 6.82 40.94	90.13
22 13 16 00-0233	EA			4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	319.99 8.64 51.82	113.76
22 13 16 00-0234	EA			6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	730.65 10.21 61.26	134.62
22 13 16 00-0235	EA			6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	847.68 12.35 74.08	162.95
22 13 16 00-0236	EA			8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,307.30 11.85 71.09	156.19
22 13 16 00-0237	EA			8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,532.38 14.03 84.17	185.46
22 13 16 00-0238	EA			10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,366.94 16.23 97.40	214.01
22 13 16 00-0239	EA			12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,658.30 18.74 112.46	247.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0240	EA		15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,060.76 21.69 130.14	286.19
22 13 16 00-0241			Bell And Spigot Cast Iron Scission Joint Fittings (22 13 16 00-0030)		
22 13 16 00-0242	EA		2" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.81 2.02 12.12	
22 13 16 00-0243	EA		3" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.95 2.27 13.62	
22 13 16 00-0244	EA		4" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	224.20 3.04 18.24	
22 13 16 00-0245	EA		5" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.74 3.53 21.19	
22 13 16 00-0246	EA		6" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	336.06 4.27 25.60	
22 13 16 00-0247	EA		8" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	635.14 5.39 32.35	
22 13 16 00-0248			Cut And Prepare Existing In-Place Cast Iron Pipe (22 13 16 00-0019) Note: For use when connecting pipe to an existing in-place system.		
22 13 16 00-0249	EA		2", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.25 0.56 3.38	
22 13 16 00-0250	EA		3", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.28 0.61 3.68	
22 13 16 00-0251	EA		4", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.34 0.77 4.60	
22 13 16 00-0252	EA		6", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.41 0.92 5.52	
22 13 16 00-0253	EA		8", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.54 1.23 7.36	
22 13 16 00-0254	EA		10", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.63 1.43 8.59	
22 13 16 00-0255	EA		12", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.75 1.69 10.13	
22 13 16 00-0256	EA		15", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.86 1.94 11.66	
22 13 16 00-0257			Joint Material (22 13 16 00-0019) Note: Labor costs are included in the installation costs for fittings.		
22 13 16 00-0258	LB		Lead (1 LB/Diameter Inch) Joint Material	5.18	
22 13 16 00-0259	LB		Oakum (1/8 LB/Diameter Inch) Joint Material	9.75	
22 13 16 00-0260	EA		2" Dual Tite Rubber Gasket	3.02	
22 13 16 00-0261	EA		3" Dual Tite Rubber Gasket	4.14	
22 13 16 00-0262	EA		4" Dual Tite Rubber Gasket	5.14	
22 13 16 00-0263	EA		6" Dual Tite Rubber Gasket	8.52	
22 13 16 00-0264	EA		8" Dual Tite Rubber Gasket	18.80	
22 13 16 00-0265	EA		10" Dual Tite Rubber Gasket	28.83	
22 13 16 00-0266	EA		12" Dual Tite Rubber Gasket	36.73	
22 13 16 00-0267	EA		15" Dual Tite Rubber Gasket	43.63	
22 13 16 00-0268			No Hub Cast Iron Soil Pipe And Fittings (22 13 16) Note: Service Weight. Excludes hangers.		
22 13 16 00-0269			No Hub Cast Iron Pipe (22 13 16 00-0268) Note: Excludes couplings.		
22 13 16 00-0270	LF		1-1/2" No Hub Cast Iron Pipe <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.14 0.42 2.55	5.65
22 13 16 00-0271	LF		2" No Hub Cast Iron Pipe <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.98 0.46 2.73	6.02
22 13 16 00-0272	LF		3" No Hub Cast Iron Pipe <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.94 0.66 3.95	8.76
22 13 16 00-0273	LF		4" No Hub Cast Iron Pipe <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.87 0.86 5.14	11.40
22 13 16 00-0274	LF		5" No Hub Cast Iron Pipe <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.44 1.01 6.08	13.51

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0275	LF		6" No Hub Cast Iron Pipe..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.14 1.10 6.62	14.74
	22 13 16 00-0276	LF		8" No Hub Cast Iron Pipe..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.91 1.59 9.53	21.23
	22 13 16 00-0277	LF		10" No Hub Cast Iron Pipe..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.15 1.81 10.84	24.12
22 13 16 00-0278				No Hub Cast Iron Fittings (22 13 16 00-0268)		
22 13 16 00-0279				No Hub Cast Iron Long Sweeps (22 13 16 00-0278)		
	22 13 16 00-0280	EA		1-1/2" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.28 2.00 12.02	26.74
	22 13 16 00-0281	EA		2" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.58 2.00 12.02	26.74
	22 13 16 00-0282	EA		3" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.62 2.30 13.78	30.61
	22 13 16 00-0283	EA		4" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.13 3.04 18.23	40.49
	22 13 16 00-0284	EA		5" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.84 3.34 20.04	44.58
	22 13 16 00-0285	EA		6" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.47 3.99 23.92	53.14
	22 13 16 00-0286	EA		8" No Hub Cast Iron Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.93 5.16 30.97	68.84
22 13 16 00-0287				No Hub Cast Iron Reducing Long Sweeps (22 13 16 00-0278)		
	22 13 16 00-0288	EA		3" x 2" No Hub Cast Iron Reducing Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.54 2.30 13.78	30.61
	22 13 16 00-0289	EA		4" x 3" No Hub Cast Iron Reducing Long Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.76 3.04 18.23	40.49
22 13 16 00-0290				No Hub Cast Iron Short Sweeps (22 13 16 00-0278)		
	22 13 16 00-0291	EA		2" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.99 2.00 12.02	26.74
	22 13 16 00-0292	EA		3" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.57 2.30 13.78	30.61
	22 13 16 00-0293	EA		4" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.05 3.04 18.23	40.49
	22 13 16 00-0294	EA		5" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.24 3.34 20.04	44.58
	22 13 16 00-0295	EA		6" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.16 3.99 23.92	53.14
	22 13 16 00-0296	EA		8" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.87 5.16 30.97	68.84
	22 13 16 00-0297	EA		10" No Hub Cast Iron Short Sweep..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	354.97 7.23 43.36	96.39
22 13 16 00-0298				No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)		
	22 13 16 00-0299	EA		1-1/2" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.13 1.92 11.53	25.62
	22 13 16 00-0300	EA		2" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.20 2.00 12.02	26.74
	22 13 16 00-0301	EA		3" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	56.67 2.30 13.78	30.61
	22 13 16 00-0302	EA		4" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.65 3.04 18.23	40.49
	22 13 16 00-0303	EA		5" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.28 3.34 20.04	44.58
	22 13 16 00-0304	EA		6" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.07 3.99 23.92	53.14

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0305	EA 8" No Hub Cast Iron 1/4 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.03 5.16 30.97	68.84
22 13 16 00-0306	No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0307	EA 1-1/2" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.48 1.92 11.53	25.62
22 13 16 00-0308	EA 2" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.24 2.00 12.02	26.74
22 13 16 00-0309	EA 3" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.74 2.30 13.78	30.61
22 13 16 00-0310	EA 4" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.33 3.04 18.23	40.49
22 13 16 00-0311	EA 6" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.10 4.48 26.91	59.80
22 13 16 00-0312	EA 8" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	188.01 5.89 35.32	78.54
22 13 16 00-0313	EA 10" No Hub Cast Iron 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	277.47 7.24 43.46	96.62
22 13 16 00-0314	No Hub Cast Iron Wyes (22 13 16 00-0278)		
22 13 16 00-0315	EA 1-1/2" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.10 3.02 18.11	40.31
22 13 16 00-0316	EA 2" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	92.75 4.09 24.57	54.62
22 13 16 00-0317	EA 3" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.53 4.48 26.91	59.80
22 13 16 00-0318	EA 4" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.80 5.89 35.32	78.54
22 13 16 00-0319	EA 5" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.20 6.50 39.03	86.77
22 13 16 00-0320	EA 6" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	216.24 7.72 46.34	103.02
22 13 16 00-0321	EA 8" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.59 10.32 61.95	137.77
22 13 16 00-0322	EA 10" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	543.61 11.47 68.83	153.03
22 13 16 00-0323	No Hub Cast Iron Reducing Wyes (22 13 16 00-0278)		
22 13 16 00-0324	EA 3" x 1-1/2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.85 3.91 23.45	52.17
22 13 16 00-0325	EA 3" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	101.39 4.48 26.91	59.80
22 13 16 00-0326	EA 4" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.11 4.96 29.74	66.11
22 13 16 00-0327	EA 4" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.21 5.51 33.04	73.45
22 13 16 00-0328	EA 6" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.77 6.57 39.44	87.66
22 13 16 00-0329	EA 6" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.86 6.87 41.20	91.63
22 13 16 00-0330	EA 6" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	201.61 8.03 48.15	107.08
22 13 16 00-0331	EA 8" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.47 8.12 48.72	108.32
22 13 16 00-0332	EA 8" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	281.04 8.92 53.53	119.07
22 13 16 00-0333	EA 10" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	407.46 9.51 57.05	126.84

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0334	EA			10" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	430.91 10.18 61.07	135.78
22 13 16 00-0335	EA			10" x 8" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	490.35 10.87 65.21	145.00
22 13 16 00-0336				No Hub Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0337	EA			1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.14 3.51 21.08	46.90
22 13 16 00-0338	EA			2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.19 4.09 24.57	54.62
22 13 16 00-0339	EA			3" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.84 4.48 26.91	59.80
22 13 16 00-0340	EA			4" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.14 5.89 35.32	78.54
22 13 16 00-0341	EA			6" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.26 9.06 54.33	120.82
22 13 16 00-0342	EA			8" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	443.55 11.62 69.72	155.01
22 13 16 00-0343	EA			10" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	523.39 14.05 84.29	187.41
22 13 16 00-0344				No Hub Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0345	EA			2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.73 4.09 24.57	54.62
22 13 16 00-0346	EA			3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.05 4.48 26.91	59.80
22 13 16 00-0347	EA			4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.41 4.96 29.74	66.11
22 13 16 00-0348	EA			4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.41 5.51 33.04	73.45
22 13 16 00-0349	EA			6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.38 6.57 39.44	87.66
22 13 16 00-0350	EA			6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	191.66 6.87 41.20	91.63
22 13 16 00-0351	EA			6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	216.32 8.03 48.15	107.08
22 13 16 00-0352	EA			8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	272.96 8.12 48.72	108.32
22 13 16 00-0353	EA			8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	343.88 8.92 53.53	119.07
22 13 16 00-0354				No Hub Cast Iron Double Wyes (22 13 16 00-0278)		
22 13 16 00-0355	EA			2" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.95 5.09 30.54	67.90
22 13 16 00-0356	EA			3" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.84 6.20 37.17	82.68
22 13 16 00-0357	EA			4" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.98 6.78 40.65	90.41
22 13 16 00-0358	EA			6" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	293.65 9.73 58.39	129.86
22 13 16 00-0359	EA			8" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	530.97 13.14 78.84	175.25
22 13 16 00-0360				No Hub Cast Iron Reducing Double Wyes (22 13 16 00-0278)		
22 13 16 00-0361	EA			3" x 2" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.74 5.64 33.84	75.24
22 13 16 00-0362	EA			4" x 2" No Hub Cast Iron Double Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.08 6.50 38.97	86.64

22 Plumbing
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0363	EA		4" x 3" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.90 7.08 42.48	94.46
22 13 16 00-0364	EA		6" x 4" No Hub Cast Iron Double Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.96 8.58 51.50	114.49
22 13 16 00-0365			No Hub Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0366	EA		2" No Hub Cast Iron Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.84 6.12 36.69	81.56
22 13 16 00-0367	EA		3" No Hub Cast Iron Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.62 6.78 40.65	90.41
22 13 16 00-0368	EA		4" No Hub Cast Iron Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	257.90 8.97 53.81	119.70
22 13 16 00-0369	EA		6" No Hub Cast Iron Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	368.65 13.85 83.09	184.77
22 13 16 00-0370			No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0371	EA		3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.01 5.26 31.57	70.16
22 13 16 00-0372	EA		4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.78 6.12 36.69	81.56
22 13 16 00-0373	EA		4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	185.15 6.68 40.07	89.09
22 13 16 00-0374			No Hub Cast Iron Sanitary Tees (22 13 16 00-0278)		
22 13 16 00-0375	EA		1-1/2" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.42 2.96 17.77	39.46
22 13 16 00-0376	EA		2" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.29 4.09 24.57	54.62
22 13 16 00-0377	EA		3" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.32 4.48 26.91	59.80
22 13 16 00-0378	EA		4" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.04 5.89 35.32	78.54
22 13 16 00-0379	EA		5" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.77 6.50 39.03	86.77
22 13 16 00-0380	EA		6" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	215.83 7.72 46.34	103.02
22 13 16 00-0381	EA		8" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	385.69 10.32 61.95	137.77
22 13 16 00-0382			No Hub Cast Iron Reducing Sanitary Tees (22 13 16 00-0278)		
22 13 16 00-0383	EA		2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.19 3.34 20.04	44.55
22 13 16 00-0384	EA		3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.80 3.91 23.45	52.17
22 13 16 00-0385	EA		3" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.54 4.09 24.57	54.62
22 13 16 00-0386	EA		3" x 4" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.59 4.09 24.57	54.62
22 13 16 00-0387	EA		4" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.02 5.54 33.24	73.92
22 13 16 00-0388	EA		4" x 3" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.19 5.54 33.24	73.92
22 13 16 00-0389	EA		5" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.25 6.18 37.07	82.45
22 13 16 00-0390	EA		5" x 3" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.67 6.18 37.07	82.45
22 13 16 00-0391	EA		5" x 4" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.21 6.18 37.07	82.45

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0392	EA			6" x 4" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	172.62 6.44 38.62	85.90
22 13 16 00-0393	EA			8" x 6" No Hub Cast Iron Reducing Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	307.68 8.71 52.25	116.18
22 13 16 00-0394				No Hub Cast Iron Sanitary Tapped Tees (22 13 16 00-0278)		
22 13 16 00-0395	EA			2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.50 2.00 12.02	26.74
22 13 16 00-0396	EA			3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.67 2.30 13.78	30.61
22 13 16 00-0397	EA			4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.79 3.04 18.23	40.49
22 13 16 00-0398				No Hub Cast Iron Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0399	EA			2" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.51 2.00 12.02	26.74
22 13 16 00-0400	EA			3" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.12 2.30 13.78	30.61
22 13 16 00-0401	EA			4" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	87.44 3.04 18.23	40.49
22 13 16 00-0402	EA			6" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.73 4.48 26.91	59.80
22 13 16 00-0403				No Hub Cast Iron Two-Way Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0404	EA			4" No Hub Cast Iron Single Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.90 5.89 35.32	78.54
22 13 16 00-0405	EA			4" No Hub Cast Iron Double Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	249.67 8.95 53.68	119.31
22 13 16 00-0406				No Hub Cast Iron Cleanout Plugs (22 13 16 00-0278)		
22 13 16 00-0407	EA			2" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.08 2.00 12.02	26.74
22 13 16 00-0408	EA			3" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.25 2.30 13.78	30.61
22 13 16 00-0409	EA			4" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.73 3.04 18.23	40.49
22 13 16 00-0410	EA			6" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.05 4.48 26.91	59.80
22 13 16 00-0411	EA			8" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.45 5.89 35.32	78.54
22 13 16 00-0412				No Hub Cast Iron Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0413	EA			1-1/2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	92.89 3.96 23.74	52.74
22 13 16 00-0414	EA			2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.09 4.09 24.57	54.62
22 13 16 00-0415	EA			3" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.77 4.48 26.91	59.80
22 13 16 00-0416	EA			4" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	168.62 5.89 35.32	78.54
22 13 16 00-0417				No Hub Cast Iron Reducing Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0418	EA			3" x 2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.55 5.26 31.56	70.16
22 13 16 00-0419	EA			4" x 2" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.69 5.41 32.49	72.23
22 13 16 00-0420	EA			4" x 3" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	154.55 5.65 33.91	75.43

22	Plumbing
22 10	Plumbing Piping
22 13	Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0421			No Hub Cast Iron Reducers (22 13 16 00-0278)		
22 13 16 00-0422	EA		3" x 2" No Hub Cast Iron Reducer	87.66	54.62
			<i>For Below Ground Installation, Add</i>	4.09	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
22 13 16 00-0423	EA		4" x 2" No Hub Cast Iron Reducer	119.60	73.92
			<i>For Below Ground Installation, Add</i>	5.54	
			<i>For Work In Restricted Working Space, Add</i>	33.24	
22 13 16 00-0424	EA		4" x 3" No Hub Cast Iron Reducer	119.87	73.92
			<i>For Below Ground Installation, Add</i>	5.54	
			<i>For Work In Restricted Working Space, Add</i>	33.24	
22 13 16 00-0425	EA		5" x 2" No Hub Cast Iron Reducer	136.50	82.45
			<i>For Below Ground Installation, Add</i>	6.18	
			<i>For Work In Restricted Working Space, Add</i>	37.07	
22 13 16 00-0426	EA		5" x 3" No Hub Cast Iron Reducer	138.29	82.45
			<i>For Below Ground Installation, Add</i>	6.18	
			<i>For Work In Restricted Working Space, Add</i>	37.07	
22 13 16 00-0427	EA		5" x 4" No Hub Cast Iron Reducer	138.99	82.45
			<i>For Below Ground Installation, Add</i>	6.18	
			<i>For Work In Restricted Working Space, Add</i>	37.07	
22 13 16 00-0428	EA		6" x 3" No Hub Cast Iron Reducer	159.61	91.63
			<i>For Below Ground Installation, Add</i>	6.87	
			<i>For Work In Restricted Working Space, Add</i>	41.20	
22 13 16 00-0429	EA		6" x 4" No Hub Cast Iron Reducer	159.88	91.63
			<i>For Below Ground Installation, Add</i>	6.87	
			<i>For Work In Restricted Working Space, Add</i>	41.20	
22 13 16 00-0430	EA		6" x 5" No Hub Cast Iron Reducer	160.69	91.63
			<i>For Below Ground Installation, Add</i>	6.87	
			<i>For Work In Restricted Working Space, Add</i>	41.20	
22 13 16 00-0431	EA		8" x 2" No Hub Cast Iron Reducer	222.43	128.55
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0432	EA		8" x 3" No Hub Cast Iron Reducer	224.49	128.55
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0433	EA		8" x 4" No Hub Cast Iron Reducer	227.80	128.55
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0434	EA		8" x 5" No Hub Cast Iron Reducer	231.24	128.55
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0435	EA		8" x 6" No Hub Cast Iron Reducer	231.64	128.55
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0436	EA		10" x 4" No Hub Cast Iron Reducer	267.07	135.60
			<i>For Below Ground Installation, Add</i>	10.16	
			<i>For Work In Restricted Working Space, Add</i>	60.98	
22 13 16 00-0437	EA		10" x 6" No Hub Cast Iron Reducer	283.80	141.55
			<i>For Below Ground Installation, Add</i>	10.62	
			<i>For Work In Restricted Working Space, Add</i>	63.69	
22 13 16 00-0438	EA		10" x 8" No Hub Cast Iron Reducer	316.03	153.66
			<i>For Below Ground Installation, Add</i>	11.52	
			<i>For Work In Restricted Working Space, Add</i>	69.11	
22 13 16 00-0439			No Hub Cast Iron Blind Plugs (22 13 16 00-0278)		
22 13 16 00-0440	EA		1-1/2" No Hub Cast Iron Blind Plug.....	41.75	25.62
			<i>For Below Ground Installation, Add</i>	1.92	
			<i>For Work In Restricted Working Space, Add</i>	11.53	
22 13 16 00-0441	EA		2" No Hub Cast Iron Blind Plug.....	43.24	26.74
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	12.02	
22 13 16 00-0442	EA		3" No Hub Cast Iron Blind Plug.....	51.57	30.61
			<i>For Below Ground Installation, Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	13.78	
22 13 16 00-0443	EA		4" No Hub Cast Iron Blind Plug.....	68.31	40.49
			<i>For Below Ground Installation, Add</i>	3.04	
			<i>For Work In Restricted Working Space, Add</i>	18.23	
22 13 16 00-0444	EA		5" No Hub Cast Iron Blind Plug.....	82.00	45.90
			<i>For Below Ground Installation, Add</i>	3.40	
			<i>For Work In Restricted Working Space, Add</i>	20.39	
22 13 16 00-0445	EA		6" No Hub Cast Iron Blind Plug.....	93.91	53.14
			<i>For Below Ground Installation, Add</i>	3.99	
			<i>For Work In Restricted Working Space, Add</i>	23.92	
22 13 16 00-0446	EA		8" No Hub Cast Iron Blind Plug.....	147.93	68.84
			<i>For Below Ground Installation, Add</i>	5.16	
			<i>For Work In Restricted Working Space, Add</i>	30.97	
22 13 16 00-0447	EA		10" No Hub Cast Iron Blind Plug.....	175.44	74.16
			<i>For Below Ground Installation, Add</i>	5.56	
			<i>For Work In Restricted Working Space, Add</i>	33.36	
22 13 16 00-0448			No Hub Cast Iron P-Traps (22 13 16 00-0278)		
22 13 16 00-0449	EA		2" No Hub Cast Iron P-Trap.....	51.77	26.74
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	12.02	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.62 2.30 13.78	30.61
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.10 3.04 18.23	40.49
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	173.36 3.37 20.20	44.94
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	186.47 4.02 24.10	53.58
22 13 16 00-0454		No Hub Cast Iron Deep Seal P-Traps (22 13 16 00-0278)		
22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.83 2.55 15.27	34.00
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.30 3.39 20.33	45.20
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	160.96 4.47 26.84	59.70
22 13 16 00-0458		No Hub Cast Iron Closet Flanges (22 13 16 00-0278)		
22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.31 3.04 18.23	40.49
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.16 3.04 18.23	40.49
22 13 16 00-0461		No Hub Cast Iron Closet Bends (22 13 16 00-0278)		
22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.38 3.04 18.23	40.49
22 13 16 00-0463		No Hub Cast Iron Threaded Adapter (22 13 16 00-0278)		
22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.95 2.55 15.27	34.00
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.05 2.55 15.27	34.00
22 13 16 00-0466		No Hub Couplings (22 13 16 00-0278) Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).		
22 13 16 00-0467	EA	1-1/2" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	5.86 0.76 1.58	
22 13 16 00-0468	EA	2" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	5.86 0.76 1.58	
22 13 16 00-0469	EA	3" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	6.96 0.90 1.88	
22 13 16 00-0470	EA	4" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	8.26 1.07 2.23	
22 13 16 00-0471	EA	5" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	19.10 2.48 5.16	
22 13 16 00-0472	EA	6" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	20.98 2.73 5.66	
22 13 16 00-0473	EA	8" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	39.53 5.14 10.67	
22 13 16 00-0474	EA	10" No Hub Coupling <i>For Medium Duty (Fernco MD-2000), Add</i> <i>For Heavy Duty (Fernco HD-4000), Add</i>	54.46 7.08 14.70	
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	6.96	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	10.79	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	15.05	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	12.82	
22 13 16 00-0479		Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts (22 13 16 00-0278) Note: For underground connections. See CSI section 22 13 16 00-0861 for additional FERNCO couplings.		
22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	22.22	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	22.94	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	24.08	

22 Plumbing

22 10 Plumbing Piping

22 13 Facility Sanitary Sewerage

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	28.10	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	53.04	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	72.82	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	127.58	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	194.95	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place (22 13 16 00-0268)

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub.....	9.20	
		<i>For Work In Restricted Working Space, Add</i>	2.76	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub.....	11.25	
		<i>For Work In Restricted Working Space, Add</i>	3.38	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub.....	12.28	
		<i>For Work In Restricted Working Space, Add</i>	3.68	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub.....	15.34	
		<i>For Work In Restricted Working Space, Add</i>	4.60	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub.....	18.41	
		<i>For Work In Restricted Working Space, Add</i>	5.52	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub.....	24.55	
		<i>For Work In Restricted Working Space, Add</i>	7.37	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub.....	28.63	
		<i>For Work In Restricted Working Space, Add</i>	8.59	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe (22 13 16)

See CSI section 22 11 16 00-0436 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe.....	10.67	4.42
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe.....	12.45	4.94
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe.....	15.83	6.09
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe.....	37.00	8.45
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe.....	48.19	9.53
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe.....	82.77	10.94
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe.....	120.11	16.96

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)

Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0504)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0506	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	19.37	3.95
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	4.53	
22 13 16 00-0507	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	21.56	4.71
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	5.04	
22 13 16 00-0508	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	29.05	6.78
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	6.26	
22 13 16 00-0509	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	33.80	7.34
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	6.84	
22 13 16 00-0510	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	47.47	9.41
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	8.76	
22 13 16 00-0511	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	58.85	12.52
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	10.04	
22 13 16 00-0512	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	80.25	16.77
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	13.09	

22 13 16 00-0513 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (22 13 16 00-0504)

Note: Excludes fittings or hangers.

22 13 16 00-0514 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) (22 13 16 00-0513)

Note: Excludes fittings or hangers.

22 13 16 00-0515	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	6.74	3.95
		<i>For Work In Restricted Working Space, Add</i>	1.76	
22 13 16 00-0516	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	8.17	4.71
		<i>For Work In Restricted Working Space, Add</i>	2.12	
22 13 16 00-0517	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	12.39	6.78
		<i>For Work In Restricted Working Space, Add</i>	3.04	
22 13 16 00-0518	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	14.17	7.34
		<i>For Work In Restricted Working Space, Add</i>	3.29	
22 13 16 00-0519	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	18.88	8.83
		<i>For Work In Restricted Working Space, Add</i>	3.97	
22 13 16 00-0520	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	26.26	11.74
		<i>For Work In Restricted Working Space, Add</i>	5.30	

			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0521			LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	36.72 7.07	15.71
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22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) (22 13 16 00-0513)

Note: Excludes fittings or hangers.					
22 13 16 00-0523	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	6.48 1.76	3.95
22 13 16 00-0524	LF		2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	7.87 2.12	4.71
22 13 16 00-0525	LF		3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	11.81 3.04	6.78
22 13 16 00-0526	LF		4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	13.40 3.29	7.34
22 13 16 00-0527	LF		6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	17.44 3.97	8.83
22 13 16 00-0528	LF		8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	24.24 5.30	11.74
22 13 16 00-0529	LF		10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	34.53 7.07	15.71

22 13 16 00-0530 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) (22 13 16 00-0504)

22 13 16 00-0531 Polyvinyl Chloride (PVC) DWV 1/4 Bends (22 13 16 00-0530)					
22 13 16 00-0532	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	25.62 7.07	15.73
22 13 16 00-0533	EA		2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	32.76 9.04	20.06
22 13 16 00-0534	EA		3" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	48.65 12.15	26.93
22 13 16 00-0535	EA		4" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	64.40 14.13	31.36
22 13 16 00-0536	EA		6" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	166.54 18.36	40.77
22 13 16 00-0537	EA		8" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	262.82 24.72	54.91
22 13 16 00-0538	EA		10" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	347.73 32.96	73.17

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends (22 13 16 00-0530)

22 13 16 00-0540	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	31.43 7.07	15.73
22 13 16 00-0541	EA		2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	36.10 9.04	20.06
22 13 16 00-0542	EA		3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	57.24 12.15	26.93
22 13 16 00-0543	EA		4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	80.16 14.13	31.36
22 13 16 00-0544	EA		6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	136.10 18.36	40.77
22 13 16 00-0545	EA		8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	222.82 24.72	54.91
22 13 16 00-0546	EA		10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	347.01 32.96	73.17

22 13 16 00-0547 Polyvinyl Chloride (PVC) DWV 1/8 Bends (22 13 16 00-0530)

22 13 16 00-0548	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	26.10 7.07	15.73
22 13 16 00-0549	EA		2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	32.72 9.04	20.06
22 13 16 00-0550	EA		3" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	47.93 12.15	26.93
22 13 16 00-0551	EA		4" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	60.90 14.13	31.36
22 13 16 00-0552	EA		6" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	157.62 18.36	40.77
22 13 16 00-0553	EA		8" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	242.10 24.72	54.91
22 13 16 00-0554	EA		10" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	286.79 32.96	73.17

22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV Sanitary Tees (22 13 16 00-0530)

22 13 16 00-0556	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	39.01 10.59	23.55
22 13 16 00-0557	EA		2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	50.49 13.56	30.13
22 13 16 00-0558	EA		3" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	74.83 18.22	40.49
22 13 16 00-0559	EA		4" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	97.50 21.19	47.09
22 13 16 00-0560	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	248.05 27.55	61.12

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0561	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	325.57 37.08	82.31
22 13 16 00-0562 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees (22 13 16 00-0530)					
22 13 16 00-0563	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	45.29 11.58	25.71
22 13 16 00-0564	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	51.14 12.57	27.88
22 13 16 00-0565	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	47.20 12.57	27.88
22 13 16 00-0566	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	63.05 15.68	34.84
22 13 16 00-0567	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	65.83 16.67	37.01
22 13 16 00-0568	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	73.34 17.66	39.17
22 13 16 00-0569	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	98.57 18.65	41.44
22 13 16 00-0570	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	116.84 20.20	44.83
22 13 16 00-0571	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	235.85 25.43	56.41
22 13 16 00-0572	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	631.87 31.79	70.53
22 13 16 00-0573	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	655.89 33.90	75.24
22 13 16 00-0574 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees (22 13 16 00-0530)					
22 13 16 00-0575	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	58.23 14.13	31.36
22 13 16 00-0576	EA		2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	76.59 18.08	40.12
22 13 16 00-0577	EA		3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	126.75 24.30	53.96
22 13 16 00-0578	EA		4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	167.74 28.25	62.72
22 13 16 00-0579 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees (22 13 16 00-0530)					
22 13 16 00-0580	EA		2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	68.43 16.10	35.79
22 13 16 00-0581	EA		3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	98.68 19.21	42.66
22 13 16 00-0582	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	111.68 21.19	47.09
22 13 16 00-0583	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	167.60 23.17	51.42
22 13 16 00-0584	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	180.44 26.27	58.29
22 13 16 00-0585 Polyvinyl Chloride (PVC) DWV Reducers (22 13 16 00-0530)					
22 13 16 00-0586	EA		2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	30.98 8.05	17.89
22 13 16 00-0587	EA		3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	45.23 9.61	21.28
22 13 16 00-0588	EA		3" x 2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	46.37 10.59	23.55
22 13 16 00-0589	EA		4" x 2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	60.50 11.58	25.71
22 13 16 00-0590	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	66.67 13.14	29.20
22 13 16 00-0591	EA		6" x 3" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	166.44 15.26	33.90
22 13 16 00-0592	EA		6" x 4" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	146.98 16.25	36.07
22 13 16 00-0593	EA		8" x 4" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	319.47 19.42	43.13
22 13 16 00-0594	EA		8" x 6" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	281.39 21.54	47.84
22 13 16 00-0595	EA		10" x 6" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	370.80 25.66	56.98
22 13 16 00-0596	EA		10" x 8" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	310.13 28.84	64.04
22 13 16 00-0597 Polyvinyl Chloride (PVC) DWV P-Traps (22 13 16 00-0530)					
22 13 16 00-0598	EA		1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	42.55 10.59	23.55
22 13 16 00-0599	EA		2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	55.07 13.56	30.13
22 13 16 00-0600	EA		3" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	109.88 18.22	40.49
22 13 16 00-0601	EA		4" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	187.67 21.19	47.09

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0602	EA			6" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	298.74 27.55	61.12
22 13 16 00-0603				Polyvinyl Chloride (PVC) DWV Closet Flanges (22 13 16 00-0530)		
22 13 16 00-0604	EA			4" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	60.98 14.13	31.36
22 13 16 00-0605	EA			4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	53.50 13.14	29.20
22 13 16 00-0606				Polyvinyl Chloride (PVC) DWV Wyes (22 13 16 00-0530)		
22 13 16 00-0607	EA			1-1/2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	42.71 10.59	23.55
22 13 16 00-0608	EA			2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	52.64 13.56	30.13
22 13 16 00-0609	EA			3" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	77.57 18.22	40.49
22 13 16 00-0610	EA			4" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	102.00 21.19	47.09
22 13 16 00-0611	EA			6" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	231.18 27.55	61.12
22 13 16 00-0612	EA			8" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	293.52 37.08	82.31
22 13 16 00-0613	EA			10" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	387.76 49.44	109.71
22 13 16 00-0614				Polyvinyl Chloride (PVC) DWV Reducing Wyes (22 13 16 00-0530)		
22 13 16 00-0615	EA			2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	51.82 11.58	25.71
22 13 16 00-0616	EA			2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	55.00 12.57	27.88
22 13 16 00-0617	EA			3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	72.84 15.68	34.84
22 13 16 00-0618	EA			3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	68.57 16.67	37.01
22 13 16 00-0619	EA			4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	91.51 17.66	39.17
22 13 16 00-0620	EA			4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	87.35 18.65	41.44
22 13 16 00-0621	EA			4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	96.75 20.20	44.83
22 13 16 00-0622	EA			6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	207.88 24.44	54.24
22 13 16 00-0623	EA			6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	246.45 25.43	56.41
22 13 16 00-0624	EA			8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	251.58 31.79	70.53
22 13 16 00-0625	EA			8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	303.56 33.90	75.24
22 13 16 00-0626	EA			10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	297.49 40.02	88.81
22 13 16 00-0627	EA			10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	353.35 42.14	93.52
22 13 16 00-0628	EA			10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	402.91 45.32	100.58
22 13 16 00-0629				Polyvinyl Chloride (PVC) DWV Double Wyes (22 13 16 00-0530)		
22 13 16 00-0630	EA			1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	62.85 14.13	31.36
22 13 16 00-0631	EA			2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	80.53 18.08	40.12
22 13 16 00-0632	EA			3" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	133.32 24.30	53.96
22 13 16 00-0633	EA			4" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	200.25 28.25	62.72
22 13 16 00-0634	EA			6" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	362.67 36.73	81.56
22 13 16 00-0635	EA			8" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	435.96 49.44	109.81
22 13 16 00-0636	EA			10" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	651.80 65.92	146.35
22 13 16 00-0637				Polyvinyl Chloride (PVC) DWV Reducing Double Wyes (22 13 16 00-0530)		
22 13 16 00-0638	EA			2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	72.18 16.10	35.79
22 13 16 00-0639	EA			3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	109.95 19.21	42.66
22 13 16 00-0640	EA			3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	109.60 21.19	47.09
22 13 16 00-0641	EA			4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	140.81 23.17	51.42
22 13 16 00-0642	EA			4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	171.58 26.27	58.29

22 Plumbing

22 10 Plumbing Piping

22 13 Facility Sanitary Sewerage

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
	22 13 16 00-0643	EA	6"	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	246.26 32.49	72.13
	22 13 16 00-0644	EA	8"	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	290.14 38.85	86.27
	22 13 16 00-0645	EA	8"	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	354.82 43.08	95.68
	22 13 16 00-0646	EA	10"	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	378.44 47.09	104.53
	22 13 16 00-0647	EA	10"	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	469.06 51.32	113.95
	22 13 16 00-0648	EA	10"	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	557.26 57.68	128.07
22 13 16 00-0649	Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0650	EA	1-1/2"	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	47.33 10.59	23.55
	22 13 16 00-0651	EA	2"	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	59.84 13.56	30.13
	22 13 16 00-0652	EA	3"	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	99.22 18.22	40.49
	22 13 16 00-0653	EA	4"	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	150.54 21.19	47.09
22 13 16 00-0654	Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0655	EA	2"	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	72.23 12.57	27.88
	22 13 16 00-0656	EA	3"	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	104.95 15.68	34.84
	22 13 16 00-0657	EA	3"	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	88.48 16.67	37.01
	22 13 16 00-0658	EA	4"	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	135.40 18.65	41.44
	22 13 16 00-0659	EA	4"	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	146.67 20.20	44.83
22 13 16 00-0660	Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0661	EA	1-1/2"	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	66.43 14.13	31.36
	22 13 16 00-0662	EA	2"	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	80.93 18.08	40.12
	22 13 16 00-0663	EA	3"	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	116.88 24.30	53.96
	22 13 16 00-0664	EA	4"	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	283.26 28.25	62.72
	22 13 16 00-0665	EA	6"	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	808.91 36.73	81.56
22 13 16 00-0666	Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0667	EA	2"	2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	116.96 16.10	35.79
	22 13 16 00-0668	EA	3"	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	177.85 21.19	47.09
	22 13 16 00-0669	EA	4"	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	277.02 23.17	51.42
	22 13 16 00-0670	EA	4"	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	262.44 26.27	58.29
	22 13 16 00-0671	EA	6"	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	556.78 32.49	72.13
22 13 16 00-0672	Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0673	EA	2"	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	80.42 13.56	30.13
	22 13 16 00-0674	EA	3"	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	128.03 18.22	40.49
	22 13 16 00-0675	EA	4"	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	187.69 21.19	47.09
	22 13 16 00-0676	EA	6"	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	431.93 27.55	61.12
	22 13 16 00-0677	EA	8"	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	547.05 37.08	82.31
	22 13 16 00-0678	EA	10"	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	726.47 49.44	109.71
22 13 16 00-0679	Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0530)</small>					
	22 13 16 00-0680	EA	1-1/2"	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	29.64 7.07	15.73
	22 13 16 00-0681	EA	2"	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	39.96 9.04	20.06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0682	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	55.61 12.15	26.93
22 13 16 00-0683	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	82.62 14.13	31.36
22 13 16 00-0684	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	158.74 18.36	40.77
22 13 16 00-0685	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	320.22 24.72	54.91
22 13 16 00-0686	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	562.22 32.94	73.17
22 13 16 00-0687 Polyvinyl Chloride (PVC) Couplings (22 13 16 00-0530)					
22 13 16 00-0688	EA		1-1/2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	25.35 7.07	15.73
22 13 16 00-0689	EA		2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	32.16 9.04	20.06
22 13 16 00-0690	EA		3" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	45.68 12.15	26.93
22 13 16 00-0691	EA		4" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	55.61 14.13	31.36
22 13 16 00-0692	EA		6" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	108.25 18.36	40.77
22 13 16 00-0693	EA		8" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	218.29 24.72	54.91
22 13 16 00-0694	EA		10" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	320.45 32.96	73.17
22 13 16 00-0695 Polyvinyl Chloride (PVC) Male Adapters (22 13 16 00-0530)					
22 13 16 00-0696	EA		1-1/2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	13.60 3.53	7.81
22 13 16 00-0697	EA		2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	19.56 4.52	10.08
22 13 16 00-0698	EA		3" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	32.71 6.08	13.47
22 13 16 00-0699	EA		4" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	52.10 7.07	15.73
22 13 16 00-0700 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe (22 13 16 00-0504)					
Note: In place piping.					
22 13 16 00-0701	EA		1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	6.91	
22 13 16 00-0702	EA		2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.59	
22 13 16 00-0703	EA		3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	9.66	
22 13 16 00-0704	EA		4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	13.04	
22 13 16 00-0705	EA		6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	18.64	
22 13 16 00-0706	EA		8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	24.85	
22 13 16 00-0707	EA		10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	30.38	
22 13 16 00-0708 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)					
Note: Aboveground installation.					
22 13 16 00-0709 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies (22 13 16 00-0708)					
Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.					
22 13 16 00-0710	LF		1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	19.88 5.42	3.95
22 13 16 00-0711	LF		2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	22.03 6.00	4.71
22 13 16 00-0712	LF		3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	28.55 7.45	6.78
22 13 16 00-0713	LF		4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	32.24 8.28	7.34
22 13 16 00-0714	LF		6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	47.90 11.01	9.41
22 13 16 00-0715 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) (22 13 16 00-0708)					
Note: Excludes fittings or hangers.					
22 13 16 00-0716	LF		1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	6.88 1.76	3.95
22 13 16 00-0717	LF		2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	8.39 2.12	4.71

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0718	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	12.90 3.04	6.78
22 13 16 00-0719	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	14.94 3.29	7.34
22 13 16 00-0720	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	21.29 3.97	8.83
22 13 16 00-0721		Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) (22 13 16 00-0708)		
22 13 16 00-0722		Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends (22 13 16 00-0721)		
22 13 16 00-0723	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	27.79 7.07	15.73
22 13 16 00-0724	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	36.18 9.04	20.06
22 13 16 00-0725	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	59.16 12.15	26.93
22 13 16 00-0726	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	83.67 14.13	31.36
22 13 16 00-0727	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	197.74 18.36	40.77
22 13 16 00-0728		Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends (22 13 16 00-0721)		
22 13 16 00-0729	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	33.66 7.07	15.73
22 13 16 00-0730	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	41.91 9.04	20.06
22 13 16 00-0731	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	73.39 12.15	26.93
22 13 16 00-0732	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	111.99 14.13	31.36
22 13 16 00-0733		Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends (22 13 16 00-0721)		
22 13 16 00-0734	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	28.59 7.07	15.73
22 13 16 00-0735	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	35.62 9.04	20.06
22 13 16 00-0736	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	56.24 12.15	26.93
22 13 16 00-0737	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	78.28 14.13	31.36
22 13 16 00-0738	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	203.43 18.36	40.77
22 13 16 00-0739		Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0740	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	42.53 10.59	23.55
22 13 16 00-0741	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	56.06 13.56	30.13
22 13 16 00-0742	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	88.41 18.22	40.49
22 13 16 00-0743	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	123.79 21.19	47.09
22 13 16 00-0744	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	379.94 27.55	61.12
22 13 16 00-0745		Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0746	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	50.13 11.58	25.71
22 13 16 00-0747	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	58.08 12.57	27.88
22 13 16 00-0748	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	52.32 12.57	27.88
22 13 16 00-0749	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	73.40 15.68	34.84
22 13 16 00-0750	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	76.88 16.67	37.01
22 13 16 00-0751	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	135.47 17.66	39.17
22 13 16 00-0752	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	133.67 18.65	41.44
22 13 16 00-0753	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	151.20 20.20	44.83
22 13 16 00-0754	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	406.90 25.43	56.41
22 13 16 00-0755		Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0756	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	69.03 14.13	31.36
22 13 16 00-0757	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	92.29 18.08	40.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0758	EA	3"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	170.92 24.30	53.96
22 13 16 00-0759	EA	4"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	238.30 28.25	62.72
22 13 16 00-0760 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees <small>(22 13 16 00-0721)</small>					
22 13 16 00-0761	EA	2" x 2" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	78.57 16.10	35.79
22 13 16 00-0762	EA	3" x 3" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	109.87 19.21	42.66
22 13 16 00-0763	EA	3" x 3" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	124.87 21.19	47.09
22 13 16 00-0764	EA	4" x 4" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	191.83 21.72	48.20
22 13 16 00-0765	EA	4" x 4" x 3" x 3"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	204.84 24.63	54.64
22 13 16 00-0766 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <small>(22 13 16 00-0721)</small>					
22 13 16 00-0767	EA	1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	49.85 10.59	23.55
22 13 16 00-0768	EA	2"	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	60.13 13.56	30.13
22 13 16 00-0769	EA	3"	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	93.79 18.22	40.49
22 13 16 00-0770	EA	4"	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	132.21 21.19	47.09
22 13 16 00-0771	EA	6"	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	317.73 27.55	61.12
22 13 16 00-0772 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <small>(22 13 16 00-0721)</small>					
22 13 16 00-0773	EA	2" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	64.56 11.58	25.71
22 13 16 00-0774	EA	2" x 2" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	67.59 12.57	27.88
22 13 16 00-0775	EA	3" x 3" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	81.24 16.67	37.01
22 13 16 00-0776	EA	4" x 4" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	111.63 18.65	41.44
22 13 16 00-0777	EA	4" x 4" x 3" x 3"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	125.13 20.20	44.83
22 13 16 00-0778	EA	6" x 6" x 4" x 4"	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	271.41 25.43	56.41
22 13 16 00-0779 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <small>(22 13 16 00-0721)</small>					
22 13 16 00-0780	EA	1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	78.02 14.13	31.36
22 13 16 00-0781	EA	2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	100.06 18.08	40.12
22 13 16 00-0782	EA	3"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	183.84 24.30	53.96
22 13 16 00-0783	EA	4"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	302.51 28.25	62.72
22 13 16 00-0784 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes <small>(22 13 16 00-0721)</small>					
22 13 16 00-0785	EA	2" x 2" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	90.02 16.10	35.79
22 13 16 00-0786	EA	3" x 3" x 1-1/2" x 1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	136.59 19.21	42.66
22 13 16 00-0787	EA	3" x 3" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	147.00 21.19	47.09
22 13 16 00-0788	EA	4" x 4" x 2" x 2"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	202.14 23.17	51.42
22 13 16 00-0789	EA	4" x 4" x 3" x 3"	Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	252.58 26.27	58.29
22 13 16 00-0790 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend <small>(22 13 16 00-0721)</small>					
22 13 16 00-0791	EA	1-1/2"	Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	58.54 10.59	23.55
22 13 16 00-0792	EA	2"	Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	75.39 13.56	30.13
22 13 16 00-0793	EA	3"	Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	110.48 18.22	40.49
22 13 16 00-0794	EA	4"	Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	163.86 19.86	44.14

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0795			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend <small>(22 13 16 00-0721)</small>		
22 13 16 00-0796	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	66.36 12.57	27.88
22 13 16 00-0797	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	110.16 15.68	34.84
22 13 16 00-0798	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	91.74 16.67	37.01
22 13 16 00-0799	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	142.74 18.65	41.44
22 13 16 00-0800	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	154.60 20.20	44.83
22 13 16 00-0801			Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend <small>(22 13 16 00-0721)</small>		
22 13 16 00-0802	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	114.93 18.08	40.12
22 13 16 00-0803	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	207.04 24.30	53.96
22 13 16 00-0804			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend <small>(22 13 16 00-0721)</small>		
22 13 16 00-0805	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	97.66 16.10	35.79
22 13 16 00-0806	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	194.54 21.19	47.09
22 13 16 00-0807			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <small>(22 13 16 00-0721)</small>		
22 13 16 00-0808	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	62.63 10.59	23.55
22 13 16 00-0809	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	79.48 13.56	30.13
22 13 16 00-0810	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	119.63 18.22	40.49
22 13 16 00-0811	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	180.71 21.19	47.09
22 13 16 00-0812			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0721)</small>		
22 13 16 00-0813	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	32.92 7.07	15.73
22 13 16 00-0814	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	45.25 9.04	20.06
22 13 16 00-0815	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	63.72 12.15	26.93
22 13 16 00-0816	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	101.78 14.13	31.36
22 13 16 00-0817	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	211.35 18.36	40.77
22 13 16 00-0818			Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <small>(22 13 16 00-0721)</small>		
22 13 16 00-0819	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	26.78 7.07	15.73
22 13 16 00-0820	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	33.53 9.04	20.06
22 13 16 00-0821	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	49.75 12.15	26.93
22 13 16 00-0822	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	62.36 14.13	31.36
22 13 16 00-0823	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	136.67 18.36	40.77
22 13 16 00-0824			Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <small>(22 13 16 00-0721)</small>		
22 13 16 00-0825	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	35.02 8.05	17.89
22 13 16 00-0826	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	57.97 9.61	21.28
22 13 16 00-0827	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	57.07 10.59	23.55
22 13 16 00-0828	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	81.52 11.58	25.71
22 13 16 00-0829	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	88.69 13.14	29.20
22 13 16 00-0830			Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <small>(22 13 16 00-0721)</small>		
22 13 16 00-0831	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	51.18 10.59	23.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0832	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	70.88 13.56	30.13
22 13 16 00-0833	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	178.37 18.22	40.49
22 13 16 00-0834	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	311.63 21.19	47.09
22 13 16 00-0835	Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges (22 13 16 00-0721)				
22 13 16 00-0836	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	69.24 14.13	31.36
22 13 16 00-0837	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	64.57 13.14	29.20
22 13 16 00-0838	Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters (22 13 16 00-0721)				
22 13 16 00-0839	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters <i>For Work In Restricted Working Space, Add</i>	15.89 3.53	7.81
22 13 16 00-0840	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	22.37 4.52	10.08
22 13 16 00-0841	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	41.52 6.08	13.47
22 13 16 00-0842	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	70.61 7.07	15.73
22 13 16 00-0843	Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings (22 13 16 00-0721)				
22 13 16 00-0844	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	30.24 8.05	17.89
22 13 16 00-0845	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.38 9.61	21.28
22 13 16 00-0846	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	46.98 10.59	23.55
22 13 16 00-0847	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	80.93 11.58	25.71
22 13 16 00-0848	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	68.32 13.14	29.20
22 13 16 00-0849	EA		6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	146.92 15.23	33.81
22 13 16 00-0850	Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings (22 13 16 00-0721)				
22 13 16 00-0851	EA		1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling..... <i>For Work In Restricted Working Space, Add</i>	53.39 7.07	15.73
22 13 16 00-0852	EA		2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	61.96 9.04	20.06
22 13 16 00-0853	EA		3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	74.31 12.15	26.93
22 13 16 00-0854	EA		4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	82.90 14.13	31.36
22 13 16 00-0855	Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe (22 13 16 00-0708)				
			Note: In place piping.		
22 13 16 00-0856	EA		1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	6.91 7.59	
22 13 16 00-0857	EA		2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	7.59 9.66	
22 13 16 00-0858	EA		3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	9.66 13.04	
22 13 16 00-0859	EA		4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	13.04 18.64	
22 13 16 00-0860	EA		6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	18.64 13.67	
22 13 16 00-0861	Elastomeric Flexible Pipe Couplings (22 13 16)				
22 13 16 00-0862	Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings (22 13 16 00-0861)				
			Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0863	EA		1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125) <i>For Work In Restricted Working Space, Add</i>	13.67 2.45	4.09
22 13 16 00-0864	EA		1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) <i>For Work In Restricted Working Space, Add</i>	14.78 2.61	4.34
22 13 16 00-0865	EA		2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22) <i>For Work In Restricted Working Space, Add</i>	15.52 2.76	4.60
22 13 16 00-0866	EA		3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33) <i>For Work In Restricted Working Space, Add</i>	18.24 2.91	4.86
22 13 16 00-0867	EA		4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44) <i>For Work In Restricted Working Space, Add</i>	20.89 3.07	5.12
22 13 16 00-0868	EA		5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55) <i>For Work In Restricted Working Space, Add</i>	27.46 3.22	5.37
22 13 16 00-0869	EA		6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66) <i>For Work In Restricted Working Space, Add</i>	34.08 3.38	5.62
22 13 16 00-0870	EA		8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88) <i>For Work In Restricted Working Space, Add</i>	47.39 3.68	6.13
22 13 16 00-0871	EA		10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010) <i>For Work In Restricted Working Space, Add</i>	63.13 4.30	7.16

22 Plumbing

22 10 Plumbing Piping

22 13 Facility Sanitary Sewerage

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Unit Cost. Section: 22 13 16 00-0872 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings (22 13 16 00-0861). Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Unit Cost. Section: 22 13 16 00-0888 Elastomeric Flexible Pipe Caps (Ferenco QC) (22 13 16). Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Unit Cost. Section: 22 13 16 00-0898 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) (22 13 16).

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Unit Cost. Section: 22 13 16 00-0905 Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) (22 13 16).

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Unit Cost. Section: 22 13 16 00-0912 Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) (22 13 16). Note: Includes counterflashing collar, deep protective hood and recessed securing screws.

22 13 19 Sanitary Waste Piping Specialties (22 13)

22 13 19 13 Sanitary Drains (22 13 19)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0001 Round Top Floor Drains <small>(22 13 19 13)</small>					
22 13 19 13-0002	EA		Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet.....	626.90	101.24
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0003	EA		Bronze Top, 6" Round Top Floor Drain With 2" Outlet.....	689.33	113.48
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0004	EA		Bronze Top, 6" Round Top Floor Drain With 3" Outlet.....	675.59	125.53
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0005	EA		Bronze Top, 6" Round Top Floor Drain With 4" Outlet.....	701.44	138.53
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	105.00	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0006	EA		Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	631.82	113.48
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0007	EA		Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	656.03	125.53
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0008	EA		Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	681.88	138.53
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0009	EA		Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,034.77	113.48
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0010	EA		Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,058.98	125.53
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0011	EA		Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,084.83	138.53
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0012	EA		Bronze Top, 9" Round Top Floor Drain With 2" Outlet.....	976.09	113.48
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0013	EA		Bronze Top, 9" Round Top Floor Drain With 3" Outlet.....	1,000.17	125.53
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	

22 Plumbing

22 10 Plumbing Piping

22 13 Facility Sanitary Sewerage

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet.....	1,026.15	138.53
		For Ductile Iron Grate, Add	48.00	
		For Cast Iron Dome Grate, Add	17.00	
		For Nikaloy Dome Grate, Add	178.50	
		For Bronze Dome Grate, Add	143.00	
		For Cast Iron Extension Collar, Each 3", Add	57.50	
		For Galvanized Extension Collar, Each 3", Add	117.50	
		For Galvanized Cast Iron Parts, Add	87.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,069.88	113.39
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,094.06	125.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,120.04	138.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet.....	1,672.34	113.39
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,696.52	125.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet.....	1,722.50	138.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet.....	1,592.14	113.39
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet.....	1,616.32	125.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet.....	1,642.30	138.53
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	

MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0024	Square Or Rectangular Top Drains <small>(22 13 19 13)</small>		
22 13 19 13-0025	EA 5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	743.22 22.50 105.00 11.00	113.39
22 13 19 13-0026	EA 5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	767.66 22.50 105.00 11.00	125.63
22 13 19 13-0027	EA 5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	793.38 22.50 105.00 11.00	138.53
22 13 19 13-0028	EA 6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	801.90 22.50 105.00 11.00	113.39
22 13 19 13-0029	EA 6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	826.34 22.50 105.00 11.00	125.63
22 13 19 13-0030	EA 6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	852.06 22.50 105.00 11.00	138.53
22 13 19 13-0031	EA 8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	1,060.10 22.50 105.00 11.00	113.39
22 13 19 13-0032	EA 8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	1,084.54 22.50 105.00 11.00	125.63
22 13 19 13-0033	EA 8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	1,110.26 22.50 105.00 11.00	138.53
22 13 19 13-0034	EA 5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	700.18 22.50 105.00 11.00	113.39
22 13 19 13-0035	EA 5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	724.62 22.50 105.00 11.00	125.63
22 13 19 13-0036	EA 5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	750.34 22.50 105.00 11.00	138.53
22 13 19 13-0037	EA 6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	774.51 22.50 105.00 11.00	113.39
22 13 19 13-0038	EA 6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	798.95 22.50 105.00 11.00	125.63
22 13 19 13-0039	EA 6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	824.67 22.50 105.00 11.00	138.53
22 13 19 13-0040	EA 8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	983.81 22.50 105.00 11.00	113.39
22 13 19 13-0041	EA 8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	1,008.25 22.50 105.00 11.00	125.63
22 13 19 13-0042	EA 8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top..... For Sediment Bucket, Add For Galvanized Cast Iron Parts, Add For Vandal Proof Screws, Add	1,033.97 22.50 105.00 11.00	138.53
22 13 19 13-0043	EA 12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top..... For Galvanized Cast Iron Parts, Add For No-Hub Side Outlet, Add For Chained Grate, Add	2,518.32 318.00 76.00 48.50	125.63
22 13 19 13-0044	EA 12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top..... For Galvanized Cast Iron Parts, Add For No-Hub Side Outlet, Add For Chained Grate, Add	2,544.04 318.00 76.00 48.50	138.53
22 13 19 13-0045	EA 12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top..... For Galvanized Cast Iron Parts, Add For No-Hub Side Outlet, Add For Chained Grate, Add	3,155.99 318.00 76.00 48.50	125.63
22 13 19 13-0046	EA 12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top..... For Galvanized Cast Iron Parts, Add For No-Hub Side Outlet, Add For Chained Grate, Add	3,181.71 318.00 76.00 48.50	138.53

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0047	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	3,079.71 318.00 76.00 48.50	125.63
22 13 19 13-0048	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	3,105.43 318.00 76.00 48.50	138.53
22 13 19 13-0049	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,075.75 120.94 22.50 11.00	113.39
22 13 19 13-0050	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,100.19 120.94 22.50 11.00	125.63
22 13 19 13-0051	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,125.91 120.94 22.50 11.00	138.53
22 13 19 13-0052	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,378.93 120.94 22.50 11.00	113.39
22 13 19 13-0053	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,403.37 120.94 22.50 11.00	125.63
22 13 19 13-0054	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,429.09 120.94 22.50 11.00	138.53
22 13 19 13-0055	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,449.35 120.94 22.50 11.00	113.39
22 13 19 13-0056	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,473.79 120.94 22.50 11.00	125.63
22 13 19 13-0057	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,499.51 120.94 22.50 11.00	138.53
22 13 19 13-0058	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,995.09 120.94 22.50 11.00	113.39
22 13 19 13-0059	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,019.53 120.94 22.50 11.00	125.63
22 13 19 13-0060	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	2,045.25 120.94 22.50 11.00	138.53
22 13 19 13-0061	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,013.15 120.94 22.50 11.00	113.39
22 13 19 13-0062	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,037.59 120.94 22.50 11.00	125.63
22 13 19 13-0063	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,063.31 120.94 22.50 11.00	138.53
22 13 19 13-0064	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,271.35 120.94 22.50 11.00	113.39
22 13 19 13-0065	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,295.79 120.94 22.50 11.00	125.63
22 13 19 13-0066	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,321.51 120.94 22.50 11.00	138.53
22 13 19 13-0067	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,341.77 120.94 22.50 11.00	113.39
22 13 19 13-0068	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,366.21 120.94 22.50 11.00	125.63

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0069	EA			5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,391.93 120.94 22.50 11.00	138.53
22 13 19 13-0070	EA			5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,785.79 120.94 22.50 11.00	113.39
22 13 19 13-0071	EA			5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,810.23 120.94 22.50 11.00	125.63
22 13 19 13-0072	EA			5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	1,835.95 120.94 22.50 11.00	138.53
22 13 19 13-0073 Funnel Type Floor Drains <small>(22 13 19 13)</small>						
22 13 19 13-0074	EA			7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,014.28 11.00 105.00 -19.50	101.24
22 13 19 13-0075	EA			7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,038.58 11.00 105.00 -19.50	113.39
22 13 19 13-0076	EA			7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,062.76 11.00 105.00 -19.50	125.53
22 13 19 13-0077	EA			7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,088.74 11.00 105.00 -19.50	138.53
22 13 19 13-0078	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,478.69 11.00 15.10 105.00 -19.50	113.39
22 13 19 13-0079	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,502.87 11.00 15.10 105.00 -19.50	125.53
22 13 19 13-0080	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,528.85 11.00 15.10 105.00 -19.50	138.53
22 13 19 13-0081	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,402.41 11.00 15.10 105.00 -19.50	113.39
22 13 19 13-0082	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,426.59 11.00 15.10 105.00 -19.50	125.53
22 13 19 13-0083	EA			7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top..... <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	1,452.57 11.00 15.10 105.00 -19.50	138.53
22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet <small>(22 13 19 13)</small>						
22 13 19 13-0085	EA			12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	2,133.06 247.00 33.50 30.50	101.24
22 13 19 13-0086	EA			12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	2,157.44 247.00 33.50 30.50	113.39
22 13 19 13-0087	EA			12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	2,181.62 247.00 33.50 30.50	125.53
22 13 19 13-0088	EA			12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	2,207.60 247.00 33.50 30.50	138.53
22 13 19 13-0089	EA			12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	2,234.41 247.00 33.50 30.50	151.90

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0090	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,306.10	113.39
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0091	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,330.54	125.63
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0092	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,356.26	138.53
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0093	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,383.07	151.90
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0094	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	1,423.92	113.39
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0095	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	1,448.36	125.63
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0096	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	1,474.08	138.53
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0097	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	1,500.89	151.90
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0098	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,153.53	113.39
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0099	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,177.97	125.63
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0100	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,203.69	138.53
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	
22 13 19 13-0101	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	2,230.50	151.90
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	31.00	
			For Aluminum Bucket, Add	77.50	
			For Galvanized Cast Iron Parts, Add	273.75	

22 13 19 13-0102 Other Drains (22 13 19 13)

22 13 19 13-0103 Shower Drains (22 13 19 13-0102)

22 13 19 13-0104	EA		4-1/4" Stainless Steel Shower Drain Strainer.....	34.93	10.22
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0105	EA		4-1/4" Brass Shower Drain Strainer	38.35	10.22
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0106	EA		4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe	82.11	20.45
			Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.		
22 13 19 13-0107	EA		4" Chrome Finish, Threaded Brass Shower Drain And Gasket.....	101.79	20.45
			Note: For 2" pipe. Kohler K-9132.		

22 13 19 13-0108 Acid Resistant Floor Drains (22 13 19 13-0102)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 19 13-0109	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	1,022.02 87.50 33.50 30.50	101.24
	22 13 19 13-0110	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	1,046.40 87.50 33.50 30.50	113.39
	22 13 19 13-0111	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top <i>For Galvanized Cast Iron Parts, Add</i> <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i>	1,070.58 87.50 33.50 30.50	125.53
22 13 19 13-0112 Rotary And Lever Drains <small>(22 13 19 13-0102)</small>						
	22 13 19 13-0113	EA		1-1/2" Drain, 3" Sink Opening Lever Drain.....	226.52	68.27
	22 13 19 13-0114	EA		2" Drain, 3" Sink Opening Lever Drain.....	240.64	75.34
	22 13 19 13-0115	EA		1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	226.52	68.27
	22 13 19 13-0116	EA		2" Drain, 3-1/2" Sink Opening Lever Drain.....	240.64	75.34
	22 13 19 13-0117	EA		1-1/2" Drain, 3" Sink Opening Twist Drain	226.52	68.27
	22 13 19 13-0118	EA		2" Drain, 3" Sink Opening Twist Drain	240.64	75.34
	22 13 19 13-0119	EA		1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	226.52	68.27
	22 13 19 13-0120	EA		2" Drain, 3-1/2" Sink Opening Twist Drain	240.64	75.34
	22 13 19 13-0121	EA		1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100).....	310.06	75.34
22 13 19 13-0122 Floor Receptor <small>(22 13 19 13)</small>						
22 13 19 13-0123 9" Diameter Round Shallow Receptor <small>(22 13 19 13-0122)</small>						
Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.						
	22 13 19 13-0124	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,251.94 58.50 97.00 38.00 36.00 33.50 47.00 62.50	113.48
	22 13 19 13-0125	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,276.50 58.50 97.00 38.00 36.00 33.50 47.00 62.50	125.72
	22 13 19 13-0126	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,301.95 58.50 97.00 38.00 36.00 33.50 47.00 62.50	138.53
22 13 19 13-0127 Square Top Floor Receptors <small>(22 13 19 13-0122)</small>						
Note: With acid resistant coating.						
	22 13 19 13-0128	EA		8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,470.04 37.50 69.00 39.50 36.00 15.50 88.00 97.00	101.24
	22 13 19 13-0129	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top..... <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,494.44 37.50 69.00 39.50 36.00 15.50 88.00 97.00	113.48
	22 13 19 13-0130	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top..... <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i>	1,518.52 37.50 69.00 39.50 36.00 15.50 88.00 97.00	125.53

22	Plumbing
22 10	Plumbing Piping
22 13	Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 19 13-0131	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top.....	1,544.50	138.53
			<i>For Flange With Seepage Holes, Add</i>	37.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	69.00	
			<i>For Trap Primer Connection, Add</i>	39.50	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	15.50	
			<i>For White Acid Resistant Bucket, Add</i>	88.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	97.00	

22 13 19 13-0132 Floor Drain Accessories (22 13 19 13)

22 13 19 13-0133	EA		3" Trap Guard Floor Drain Insert (ProVent TG3H).....	72.15	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0134	EA		2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22).....	60.00	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0135	EA		3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33).....	64.86	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0136	EA		3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP).....	77.01	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0137	EA		3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP).....	69.72	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0138	EA		2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02).....	96.65	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0139	EA		3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03).....	106.43	11.77
			Note: Prevents emission of sewer gases.		
22 13 19 13-0140	EA		4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04).....	130.72	11.77
			Note: Prevents emission of sewer gases.		

22 13 19 26 Grease Removal Devices (22 13 19)

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26)

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001)

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA		7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	814.33	70.64
			Note: Josam 60102H.		
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,299.66	
22 13 19 26-0004	EA		10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	947.46	158.92
			Note: Josam 60103H.		
			<i>For Flange And Clamp Device, Add</i>	366.11	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,372.37	
22 13 19 26-0005	EA		15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	1,324.50	176.57
			Note: Josam 60104H.		
			<i>For Flange And Clamp Device, Add</i>	377.88	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,498.50	
22 13 19 26-0006	EA		20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	1,591.97	194.23
			Note: Josam 60105H.		
			<i>For Flange And Clamp Device, Add</i>	389.65	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,619.20	
22 13 19 26-0007	EA		25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	1,780.09	211.90
			Note: Josam 60106H.		
			<i>For Flange And Clamp Device, Add</i>	431.82	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,685.17	
22 13 19 26-0008	EA		35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	2,180.68	247.21
			Note: Josam 60107H.		
			<i>For Flange And Clamp Device, Add</i>	466.57	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,852.97	
22 13 19 26-0009	EA		50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	2,828.15	282.52
			Note: Josam 60108H.		
			<i>For Flange And Clamp Device, Add</i>	531.07	
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,973.73	
22 13 19 26-0010	EA		75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	5,461.86	317.84
			Note: Josam 60109H.		
			<i>For Flange And Clamp Device, Add</i>	755.89	
22 13 19 26-0011	EA		100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	6,181.48	385.23
			Note: Josam 60110H.		
			<i>For Flange And Clamp Device, Add</i>	864.82	
22 13 19 26-0012	EA		150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	7,681.59	616.37
			Note: Josam 60213A.		
			<i>For Flange And Clamp Device, Add</i>	1,178.91	
22 13 19 26-0013	EA		200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	10,978.75	770.46
			Note: Josam 60214A.		
			<i>For Flange And Clamp Device, Add</i>	1,410.92	
22 13 19 26-0014	EA		250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	12,816.97	924.55
			Note: Josam 60215A.		
			<i>For Flange And Clamp Device, Add</i>	1,826.61	
22 13 19 26-0015	EA		350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	16,606.18	1,078.64
			Note: Josam 60216A.		
			<i>For Flange And Clamp Device, Add</i>	2,167.10	
22 13 19 26-0016	EA		500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor.....	21,421.05	1,232.74
			Note: Josam 60217A.		
			<i>For Flange And Clamp Device, Add</i>	2,543.11	

22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001)

Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 19 26-0018	EA		20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A.	2,257.00	194.23
22 13 19 26-0019	EA		35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60117A.	2,902.39	247.21
22 13 19 26-0020	EA		50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Smith 8150.	4,735.90	282.52
22 13 19 26-0021			Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022			Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small> Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA		7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	1,971.41	70.64
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,299.66	
22 13 19 26-0024	EA		10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	2,315.30	158.92
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,372.37	
22 13 19 26-0025	EA		15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	2,476.55	176.57
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,498.50	
22 13 19 26-0026	EA		20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	3,013.55	194.23
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,619.20	
22 13 19 26-0027	EA		25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	3,623.61	211.90
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,685.17	
22 13 19 26-0028	EA		35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	3,758.44	247.21
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,852.97	
22 13 19 26-0029	EA		50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	4,290.45	282.52
			<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,973.73	
22 13 19 26-0030			Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small> Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA		35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	5,014.60	247.21
22 13 19 26-0032			Automatic Cleaning Stainless Steel Grease Interceptor <small>(22 13 19 26)</small>		
22 13 19 26-0033	EA		20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	4,331.88	194.23
22 13 19 26-0034	EA		25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	5,021.68	211.90
22 13 19 26-0035	EA		35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	4,340.47	247.21
22 13 19 26-0036			Precast Concrete Grease Interceptor <small>(22 13 19 26)</small> Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA		1,000 Gallon Pre-Cast Grease Interceptor	4,888.31	345.95
22 13 19 26-0038	EA		1,250 Gallon Pre-Cast Grease Interceptor	5,594.97	345.95
22 13 19 26-0039	EA		1,500 Gallon Pre-Cast Grease Interceptor	6,350.07	395.49
22 13 19 26-0040	EA		2,000 Gallon Pre-Cast Grease Interceptor	7,221.68	558.53
22 13 19 26-0041	EA		2,500 Gallon Pre-Cast Grease Interceptor	8,126.03	751.47
22 13 19 26-0042	EA		4,000 Gallon Pre-Cast Grease Interceptor	12,193.93	988.68
22 13 19 26-0043	EA		5,000 Gallon Pre-Cast Grease Interceptor	15,640.32	1,621.30
22 13 19 26-0044			Coated Steel Manual Oil Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA		10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,955.25	268.97
22 13 19 26-0046	EA		15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,956.28	319.60
22 13 19 26-0047	EA		20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,793.75	393.24
22 13 19 26-0048	EA		25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,206.32	425.96
22 13 19 26-0049	EA		35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	6,221.16	464.83
22 13 19 26-0050	EA		50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,142.66	511.36
22 13 19 26-0051	EA		75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	13,508.36	588.59
22 13 19 26-0052	EA		100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,815.29	724.21
22 13 19 26-0053	EA		150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	18,129.96	784.94
22 13 19 26-0054	EA		200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	25,280.73	941.74
22 13 19 26-0055	EA		250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,121.46	1,012.38
22 13 19 26-0056	EA		350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	36,643.91	1,207.32
22 13 19 26-0057	EA		400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	43,975.30	989.31
22 13 19 26-0058	EA		500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	52,096.79	1,177.18
22 13 19 33			Backwater Valves <small>(22 13 19)</small>		
22 13 19 33-0001			Cast Iron Body Terminal Backwater Valves <small>(22 13 19 33)</small>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	316.16	27.03
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	326.52	34.00
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	469.61	45.20
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	1,240.98	61.71
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	1,519.46	81.22
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	4,351.18	100.19
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	4,934.62	129.95
22 13 19 33-0009		Cast Iron Backwater Sewer Line Valve (22 13 19 33)		
		Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	789.16	64.44
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,193.06	78.17
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,477.90	100.77
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,056.85	112.11
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,840.54	132.86
22 13 19 33-0015		Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve (22 13 19 33)		
		Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,095.25	102.00
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,145.73	135.61
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	3,109.30	166.04
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	3,138.17	185.11
22 13 19 33-0020		Polyvinyl Chloride (PVC) Backwater Sewer Line Valve (22 13 19 33)		
		Note: Oatey.		
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900).....	98.44	34.00
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904).....	120.16	45.20
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908).....	315.92	61.71
22 13 19 33-0024		Polyvinyl Chloride (PVC) Extendable Backwater Valves (22 13 19 33)		
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)	226.24	67.99
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)	301.25	90.41
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)	502.27	123.41
		Note: Includes valve body, flapper assembly and collar.		
22 13 19 36		Air-Admittance Valves (22 13 19)		
22 13 19 36-0001		Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent (22 13 19 36)		
22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent.....	135.16	13.19
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent.....	160.34	13.19
22 13 23		Sanitary Waste Interceptors (22 13)		
22 13 23 00-0001		Sediment Bucket Solids Interceptors (22 13 23)		
22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180)	787.13	133.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184)	788.05	133.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARI0).....	1,089.20	133.36
		Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARI0).....	1,089.20	133.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030).....	1,157.37	133.36
		Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0007		Solid Interceptors, Cast Iron With Internal Deep Seal Trap (22 13 23)		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	313.75	45.61
		For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	319.59	48.58
		For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0010		Sediment Strainers (22 13 23)		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side.....	142.83	62.16

22 13 29 Sanitary Sewerage Pumps (22 13)

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps (22 13 29)

22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) (22 13 29 13)

Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	5,463.26	1,129.71
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	5,660.19	1,129.71
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	5,857.11	1,129.71
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	6,044.95	1,129.71

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	6,008.59	1,129.71
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	6,084.33	1,129.71
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	6,137.35	1,129.71
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	6,500.90	1,129.71
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	6,856.88	1,129.71
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	7,402.21	1,129.71
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	7,947.53	1,129.71
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,240.24	1,503.40

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	6,388.10	1,129.71
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	6,388.10	1,129.71
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	6,519.32	1,129.71
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	7,537.50	1,129.71
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	7,716.11	1,129.71
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	9,303.07	1,503.40
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	9,757.51	1,503.40

22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less (22 13 29 13-0001)

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	834.84	

22 13 29 13-0030 Float Switches (22 13 29 13-0001)

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps.....	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps.....	525.22	

22 13 29 13-0034 Square Or Round Steel Sump Covers (22 13 29 13-0001)

22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round.....	525.99	37.67
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round.....	582.49	42.38
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round.....	807.07	56.50
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round.....	1,162.88	65.92
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round.....	1,245.36	68.27
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round.....	1,330.57	70.64
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round.....	1,692.27	84.76
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round.....	2,281.48	94.17
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round.....	2,893.01	117.72
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round.....	3,667.13	129.49

22 13 29 16 Submersible Sewerage Pumps (22 13 29)

22 13 29 16-0001 Submersible Sewage Pumps With Vortex Impeller (22 13 29 16)

22 13 29 16-0002 Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller (22 13 29 16-0001)

Note: Includes 25' cord.

22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,020.47	68.53
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,084.83	68.53
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,065.03	68.53
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,159.90	68.53
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,159.90	68.53
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,235.78	85.65

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 29 16-0009	EA 1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,319.93	85.65
22 13 29 16-0010	EA 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,330.66	85.65
22 13 29 16-0011	Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001) Note: Includes 20' cord.		
22 13 29 16-0012	EA 1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,038.63	68.53
22 13 29 16-0013	EA 1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,131.03	68.53
22 13 29 16-0014	EA 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,087.30	68.53
22 13 29 16-0015	EA 1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,176.40	68.53
22 13 29 16-0016	EA 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,256.43	68.53
22 13 29 16-0017	EA 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,184.63	85.65
22 13 29 16-0018	EA 1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,280.33	85.65
22 13 29 16-0019	EA 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,279.50	85.65
22 13 29 16-0020	EA 1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,492.31	138.07
22 13 29 16-0021	EA 1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,573.17	138.07
22 13 29 16-0022	EA 1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,587.19	138.07
22 13 29 16-0023	EA 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,613.56	168.74
22 13 29 16-0024	EA 2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,705.96	168.74
22 13 29 16-0025	EA 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,708.44	168.74
22 13 29 16-0026	Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001) Note: Includes 20' cord.		
22 13 29 16-0027	EA 1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,223.43	68.53
22 13 29 16-0028	EA 1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,380.17	68.53
22 13 29 16-0029	EA 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,360.36	85.65
22 13 29 16-0030	EA 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,455.23	85.65
22 13 29 16-0031	EA 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,681.24	138.07
22 13 29 16-0032	EA 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,776.11	138.07
22 13 29 16-0033	EA 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,803.31	168.74
22 13 29 16-0034	EA 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,898.18	168.74
22 13 29 16-0035	Submersible Sewage Pumps With Semi-Open Impeller (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA 1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,936.18	85.65
22 13 29 16-0037	EA 1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,156.02	135.93
22 13 29 16-0038	EA 2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,394.70	166.14
22 13 29 16-0039	EA 3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,566.65	201.38
22 13 29 16-0040	EA 5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,007.84	236.62
22 13 29 16-0041	EA 7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,480.53	271.87
22 13 29 16-0042	Submersible Sewage Pumps, Explosion Proof (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	5,204.12	306.91
22 13 29 16-0044	EA 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	4,808.12	306.91
22 13 29 16-0045	EA 1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	4,808.12	306.91
22 13 29 16-0046	EA 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	5,484.64	409.22
22 13 29 16-0047	EA 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	5,088.64	409.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0048 EA 1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,088.64	409.22
22 13 29 16-0049 EA 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,846.83	511.52
22 13 29 16-0050 EA 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,450.83	511.52
22 13 29 16-0051 EA 2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,450.83	511.52
22 13 29 16-0052 EA 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,132.28	613.82
22 13 29 16-0053 EA 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,736.28	613.82
22 13 29 16-0054 EA 3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	5,736.28	613.82
22 13 29 16-0055 EA 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,786.52	716.13
22 13 29 16-0056 EA 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,390.52	716.13
22 13 29 16-0057 EA 5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,390.52	716.13
22 13 29 16-0058 EA 7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,053.82	818.44
22 13 29 16-0059 EA 7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,053.82	818.44
22 13 29 16-0060 Submersible Sewage Pump Accessories <small>(22 13 29 16)</small>		
22 13 29 16-0061 EA Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amp Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light and alarm float switch.	514.55	78.74
22 13 29 16-0062 EA Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amp Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light, and alarm float switch.	530.31	78.74
22 13 29 16-0063 EA Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amp Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,023.42	104.99
22 13 29 16-0064 EA Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amp Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn and warning light. Control float switches not included.	1,427.00	104.99
22 13 29 16-0065 EA Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors..... Note: Includes alarm horn and warning light. Control float switches not included.	3,237.45	104.99
22 13 29 16-0066 EA Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors..... Note: Includes alarm horn and warning light. Control float switches not included.	3,385.39	104.99
22 13 29 16-0067 EA Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors..... Note: Includes alarm horn and warning light. Control float switches not included.	5,397.70	131.23
22 13 29 16-0068 EA Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors..... Note: Includes alarm horn and warning light. Control float switches not included.	4,556.04	131.23
22 13 29 16-0069 EA Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amp Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps..... Note: Includes alarm horn, warning light, and three 20' float switches.	1,141.34	131.23
22 13 29 16-0070 EA Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amp Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps..... Note: Includes alarm horn, warning light, and three 20' float switches.	1,251.69	131.23
22 13 29 16-0071 EA Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amp, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps..... Note: Includes alarm horn, warning light, and three 20' float switches.	1,203.61	131.23
22 13 29 16-0072 EA Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amp Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps..... Note: Includes alarm horn, warning light, and three 20' float switches.	1,303.06	131.23
22 13 29 16-0073 EA Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amp Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps..... Note: Includes alarm horn and warning light. Float switches not included..	2,191.34	131.23
22 13 29 16-0074 EA Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure..... Note: Includes alarm horn, warning light and 15' tethered float.	421.07	52.49
22 13 29 16-0075 EA Variable Level (Clamp Type) Float Switch With 15' Cord..... Note: Not for use with Intrinsically Safe Control Systems.	87.17	26.25
22 13 29 16-0076 EA Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only.....	102.25	26.25
22 13 29 16-0077 EA Variable Level (Adjustable Weight Type) Float Switch With 25' Cord..... Note: Not for use with Intrinsically Safe Control Systems.	108.36	26.25
22 13 29 16-0078 EA Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only.....	113.54	26.25
22 13 29 16-0079 EA Float Switch Tree With (3) 15' Floats..... Note: Not for use with Intrinsically Safe Control Systems.	300.96	26.25
22 13 29 16-0080 EA Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only.....	340.33	26.25
22 13 29 16-0081 EA Float Switch Tree And (4) Floats With 15' Cords..... Note: Not for use with Intrinsically Safe Control Systems.	333.76	26.25
22 13 29 16-0082 EA Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only.....	386.24	26.25
22 13 29 16-0083 EA Float Switch Tree..... Note: Tree only.	165.78	26.25
22 13 29 16-0084 EA Adjustable Weight For Float Switch.....	47.03	13.12
22 13 29 16-0085 EA Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge..... Note: Lifting equipment not included.	849.38	78.74
22 13 29 16-0086 EA Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge..... Note: Lifting equipment not included.	1,323.58	104.99
22 13 29 16-0087 EA Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge..... Note: Lifting equipment not included.	1,726.22	131.23

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge.....	1,859.87	78.74
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge.....	2,615.95	78.74
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System.....	257.52	52.49
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems.....	442.02	65.62
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems.....	448.60	78.74
22 13 29 16-0093	EA	12" Stainless Steel Lifting Cable.....	127.11	26.25
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge.....	240.28	26.25

Note: Used for shallow systems where guide rails are not necessary.

22 13 29 33 Sewerage Pump Basins And Pits (22 13 29)

22 13 29 33-0001 Sewage Sump Pump Basin (22 13 29 33)

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin (22 13 29 33-0001)

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	100.82	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	127.46	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	270.29	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	373.66	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	477.03	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	553.00	

22 13 29 33-0009 Fiberglass Basin (22 13 29 33-0001)

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	149.41	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	272.93	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	467.63	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	618.03	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	708.30	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub.....	748.37	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub.....	873.30	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	1,011.43	

22 14 Facility Storm Drainage (22 10)

22 14 13 Facility Storm Drainage Piping (22 14)

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains (22 14)

22 14 26 13 Roof Drains (22 14 26)

22 14 26 13-0001 Cast Iron Roof Drains (22 14 26 13)

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome (22 14 26 13-0001)

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	715.84	156.99
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	794.32	188.35
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	872.80	235.44
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	1,163.17	282.52
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	1,202.41	313.88
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	1,405.15	329.61
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome.....	1,859.60	341.38
		<i>For Galvanized Iron Parts, Add</i>	518.00	
		<i>For Deck Clamp Assembly, Add</i>	130.00	
		<i>For Bronze Dome, Add</i>	448.80	
		<i>For Drain Receiver, Add</i>	147.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	357.00	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 13-0010	Cast Iron Roof Drains With Expansion Joint <small>(22 14 26 13-0001)</small>			
Note: With polypropylene dome. Dome free area is 124 square inches.				
22 14 26 13-0011	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome.....	1,091.47	156.99	
	For Galvanized Iron Parts, Add	518.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0012	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome.....	1,196.19	188.35	
	For Galvanized Iron Parts, Add	518.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0013	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome.....	1,325.77	235.44	
	For Galvanized Iron Parts, Add	518.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0014	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome.....	1,821.91	282.52	
	For Galvanized Iron Parts, Add	518.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0015	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome.....	1,956.44	313.88	
	For Galvanized Iron Parts, Add	518.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0016	Cast Iron Roof Drains With Flat Bronze Promenade Top <small>(22 14 26 13-0001)</small>			
22 14 26 13-0017	EA 14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top.....	1,461.69	156.99	
	For Galvanized Iron Parts, Add	480.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0018	EA 14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top.....	1,540.17	188.35	
	For Galvanized Iron Parts, Add	480.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0019	EA 14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top.....	1,618.65	235.44	
	For Galvanized Iron Parts, Add	480.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0020	EA 14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top.....	1,897.97	282.52	
	For Galvanized Iron Parts, Add	480.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0021	EA 14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top.....	1,937.21	313.88	
	For Galvanized Iron Parts, Add	480.00		
	For Deck Clamp Assembly, Add	130.00		
	For Drain Receiver, Add	147.00		
	For 4" Fixed Extension Collar, Cast Iron, Add	357.00		
22 14 26 13-0022	Cast Iron Scupper Drain With L-Shaped Bronze Grate <small>(22 14 26 13-0001)</small>			
22 14 26 13-0023	EA Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate.....	929.43	62.81	
	For Galvanized Iron Parts, Add	128.00		
	For Vandal Proof Grate, Add	33.00		
22 14 26 13-0024	EA Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate.....	960.82	78.45	
	For Galvanized Iron Parts, Add	128.00		
	For Vandal Proof Grate, Add	33.00		
22 14 26 13-0025	EA Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate.....	975.08	85.60	
	For Galvanized Iron Parts, Add	128.00		
	For Vandal Proof Grate, Add	33.00		
22 14 26 13-0026	EA Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate.....	1,369.17	113.48	
	For Galvanized Iron Parts, Add	258.00		
	For Vandal Proof Grate, Add	33.00		
22 14 26 13-0027	EA Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate.....	1,419.23	138.53	
	For Galvanized Iron Parts, Add	258.00		
	For Vandal Proof Grate, Add	33.00		
22 14 26 13-0028	Cast Iron Roof Drain With Flat Cast Iron Grate <small>(22 14 26 13-0001)</small>			
22 14 26 13-0029	EA 9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top.....	779.37	156.99	
	For Galvanized Cast Iron Parts, Add	144.00		
	For Deck Clamp Assembly, Add	80.40		
	For 4" Fixed Extension Collar, Cast Iron, Add	93.60		
22 14 26 13-0030	EA 9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top.....	857.85	188.35	
	For Galvanized Cast Iron Parts, Add	144.00		
	For Deck Clamp Assembly, Add	80.40		
	For 4" Fixed Extension Collar, Cast Iron, Add	93.60		

22	Plumbing
22 10	Plumbing Piping
22 14	Facility Storm Drainage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0031	EA		9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top.....	936.33	235.44
			For Galvanized Cast Iron Parts, Add	144.00	
			For Deck Clamp Assembly, Add	80.40	
			For 4" Fixed Extension Collar, Cast Iron, Add	93.60	
22 14 26 13-0032			Cast Iron Roof Drains With Large Cast Iron Dome <small>(22 14 26 13-0001)</small>		
22 14 26 13-0033	EA		15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome.....	834.62	156.99
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0034	EA		15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome.....	913.10	188.35
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0035	EA		15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome.....	991.58	235.44
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0036	EA		15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome.....	1,281.95	282.52
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0037	EA		15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome.....	1,321.19	313.88
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0038	EA		15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome.....	1,523.93	329.61
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0039	EA		15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome.....	1,978.39	341.38
			For Galvanized Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0040			Aluminum Roof Drains <small>(22 14 26 13)</small>		
22 14 26 13-0041			Aluminum Dome Roof Drains <small>(22 14 26 13-0040)</small>		
22 14 26 13-0042	EA		15" Diameter Roof Drain With 2" Outlet, Aluminum Dome.....	855.34	156.99
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0043	EA		15" Diameter Roof Drain With 3" Outlet, Aluminum Dome.....	933.82	188.35
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0044	EA		15" Diameter Roof Drain With 4" Outlet, Aluminum Dome.....	1,012.30	235.44
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0045	EA		15" Diameter Roof Drain With 6" Outlet, Aluminum Dome.....	1,341.91	313.60
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0046	EA		15" Diameter Roof Drain With 8" Outlet, Aluminum Dome.....	1,544.83	329.61
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0047	EA		15" Diameter Roof Drain With 10" Outlet, Aluminum Dome.....	1,999.10	341.38
			For Galvanized Cast Iron Parts, Add	518.00	
			For Deck Clamp Assembly, Add	130.00	
			For Drain Receiver, Add	147.00	
			For 4" Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0048			Retrofit Roof Drains <small>(22 14 26 13)</small>		
22 14 26 13-0049			Copolymer Retrofit Roof Drains With Copolymer Strainer Dome <small>(22 14 26 13-0048)</small>		
22 14 26 13-0050	EA		Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	617.59	188.35
22 14 26 13-0051	EA		Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	704.73	235.44
22 14 26 13-0052	EA		Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	857.10	282.52
22 14 26 13-0053	EA		Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	930.98	313.60
22 14 26 13-0054			Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome <small>(22 14 26 13-0048)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0055	EA		Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	695.54	188.35
22 14 26 13-0056	EA		Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	779.22	235.44
22 14 26 13-0057	EA		Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	936.78	282.52
22 14 26 13-0058	EA		Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	986.42	313.60
22 14 26 13-0059			Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome <small>(22 14 26 13-0049)</small>		
22 14 26 13-0060	EA		Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	621.05	188.35
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0061	EA		Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	708.20	235.44
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0062	EA		Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	860.56	282.52
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0063	EA		Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	906.73	313.60
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0064			Bronze Downspout Nozzles <small>(22 14 26 13-0049)</small>		
22 14 26 13-0065	EA		2" Outlet, Bronze Roof Drain Downspout Nozzle.....	357.80	94.17
22 14 26 13-0066	EA		3" Outlet, Bronze Roof Drain Downspout Nozzle.....	357.80	94.17
22 14 26 13-0067	EA		4" Outlet, Bronze Roof Drain Downspout Nozzle.....	357.80	94.17
22 14 26 13-0068	EA		5" Outlet, Bronze Roof Drain Downspout Nozzle.....	540.52	117.72
22 14 26 13-0069	EA		6" Outlet, Bronze Roof Drain Downspout Nozzle.....	540.52	117.72
22 14 26 13-0070	EA		8" Outlet, Bronze Roof Drain Downspout Nozzle.....	682.55	117.72
22 14 26 16			Facility Area Drains <small>(22 14 26)</small>		
22 14 26 16-0001			Area Drain <small>(22 14 26 16)</small>		
22 14 26 16-0002	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,306.10	113.99
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0003	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,330.54	125.63
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0004	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,356.26	138.53
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0005	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,383.07	151.90
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0006	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,423.92	113.99
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0007	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,448.36	125.63
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0008	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,474.08	138.53
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0009	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,500.89	151.90
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0010	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,153.53	113.99
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0011	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,177.97	125.63
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	152.25	

22 Plumbing**22 10 Plumbing Piping****22 14 Facility Storm Drainage**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,203.69	138.53
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Vandal Proof Screws, Add</i>	29.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,230.50	151.90
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Vandal Proof Screws, Add</i>	29.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	152.25	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,637.71	113.39
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,662.15	125.63
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,687.87	138.53
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,714.68	151.90
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,270.89	113.39
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,295.33	125.63
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,321.05	138.53
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,347.86	151.90
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,397.12	113.39
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,421.56	125.63
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,447.28	138.53
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,474.09	151.90
		<i>For Ductile Iron Grate, Add</i>	123.50	
		<i>For Primer Tap, Add</i>	36.00	
		<i>For Galvanized Cast Iron Parts, Add</i>	258.50	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,034.67	113.39
		<i>For Vandal Proof Grate, Add</i>	30.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,059.11	125.63
		<i>For Vandal Proof Grate, Add</i>	30.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,084.83	138.53
		<i>For Vandal Proof Grate, Add</i>	30.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	631.72	113.39
		<i>For Vandal Proof Grate, Add</i>	30.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 16-0030	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	656.16	125.63
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0031	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	681.88	138.53
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	975.99	113.39
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0033	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,000.43	125.63
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0034	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,026.15	138.53
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0035	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	3,094.39	113.39
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0036	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	3,118.83	125.63
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0037	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	3,144.55	138.53
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0038	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,016.61	113.39
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0039	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,041.05	125.63
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0040	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,066.77	138.53
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0041	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,906.61	113.39
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0042	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,931.05	125.63
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	
22 14 26 16-0043	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,956.77	138.53
			For Vandal Proof Screws, Add	30.50	
			For Ductile Iron Grate, Add	126.00	
			For Galvanized Cast Iron Parts, Add	307.50	

22 14 26 19 Facility Trench Drains (22 14 26)

22 14 26 19-0001			Trench Drain (22 14 26 19) Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	815.24	113.39
			For Vandal Proof Screws, Add	48.50	
			For Ductile Iron Grate, Add	66.00	
			For Galvanized Cast Iron Parts, Add	98.25	
22 14 26 19-0003	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	839.68	125.63
			For Vandal Proof Screws, Add	48.50	
			For Ductile Iron Grate, Add	66.00	
			For Galvanized Cast Iron Parts, Add	98.25	
22 14 26 19-0004	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	865.40	138.53
			For Vandal Proof Screws, Add	48.50	
			For Ductile Iron Grate, Add	66.00	
			For Galvanized Cast Iron Parts, Add	98.25	
22 14 26 19-0005	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	511.35	113.39
			For Vandal Proof Screws, Add	48.50	
			For Ductile Iron Grate, Add	66.00	
			For Galvanized Cast Iron Parts, Add	98.25	

22 Plumbing
22 10 Plumbing Piping
22 14 Facility Storm Drainage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 14 26 19-0006	EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	535.79	125.63
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0007	EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	561.51	138.53
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0008	EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	773.83	113.39
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0009	EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	798.27	125.63
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0010	EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	823.99	138.53
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0011	EA 6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	701.36	56.50
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0012	EA 6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	397.47	56.50
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0013	EA 6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	659.95	56.50
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0014	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,270.08	113.39
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0015	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,294.52	125.63
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0016	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,320.24	138.53
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0017	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	894.05	113.39
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0018	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	918.49	125.63
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0019	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	944.21	138.53
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 26 19-0020	EA			12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,218.65	113.39
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0021	EA			12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,243.09	125.63
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0022	EA			12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,268.81	138.53
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0023	EA			12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,069.71	113.39
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0024	EA			12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,094.15	125.63
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0025	EA			12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,119.87	138.53
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0026	EA			12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,156.18	56.50
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0027	EA			12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	780.15	56.50
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0028	EA			12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,104.75	56.50
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0029	EA			12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	955.81	56.50
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	

22 14 29 Sump Pumps (22 14)

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps (22 14 29)
22 14 29 13-0001 Vertical Mounted Sump Pumps (22 14 29 13)

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA			1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	4,711.22	273.22
				<i>For Explosion Proof Motor, Add</i>	193.21	
22 14 29 13-0003	EA			1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	4,995.28	330.70
				<i>For Explosion Proof Motor, Add</i>	214.79	
22 14 29 13-0004	EA			2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	5,712.14	392.87
				<i>For Explosion Proof Motor, Add</i>	277.48	
22 14 29 13-0005	EA			3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	6,115.38	483.32
				<i>For Explosion Proof Motor, Add</i>	314.48	
22 14 29 13-0006	EA			5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	6,463.00	523.84
				<i>For Explosion Proof Motor, Add</i>	459.38	
22 14 29 13-0007	EA			10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	7,666.63	628.41
				<i>For Explosion Proof Motor, Add</i>	521.04	

22 Plumbing
22 10 Plumbing Piping
22 14 Facility Storm Drainage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0008	EA		15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head <i>For Explosion Proof Motor, Add</i>	8,889.29 854.02	634.02
22 14 29 13-0009	EA		20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head <i>For Explosion Proof Motor, Add</i>	10,757.72 1,133.55	772.96
22 14 29 13-0010	EA		30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head <i>For Explosion Proof Motor, Add</i>	11,633.90 1,469.61	901.47
22 14 29 13-0011	EA		50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head <i>For Explosion Proof Motor, Add</i>	15,585.74 1,914.61	1,082.14
22 14 29 13-0012	EA		60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head <i>For Explosion Proof Motor, Add</i>	21,515.98 3,034.80	1,201.96
22 14 29 13-0013			Extra Column Assemblies (22 14 29 13)		
22 14 29 13-0014	EA		1-1/2" Diameter x 5' Long Extra Column Assembly	725.21	
22 14 29 13-0015	EA		2" Diameter x 5' Long Extra Column Assembly	793.55	
22 14 29 13-0016	EA		2-1/2" Diameter x 5' Long Extra Column Assembly	868.33	
22 14 29 13-0017	EA		3" Diameter x 5' Long Extra Column Assembly	1,042.60	
22 14 29 13-0018	EA		4" Diameter x 5' Long Extra Column Assembly	1,165.35	
22 14 29 13-0019	EA		5" Diameter x 5' Long Extra Column Assembly	1,186.56	
22 14 29 13-0020	EA		6" Diameter x 5' Long Extra Column Assembly	1,332.04	
22 14 29 13-0021	EA		8" Diameter x 5' Long Extra Column Assembly	1,457.56	
22 14 29 13-0022			Support Plate (22 14 29 13)		
22 14 29 13-0023	EA		24" Steel Support Plate, Round Or Square	525.99	37.67
22 14 29 13-0024	EA		30" Steel Support Plate, Round Or Square	582.49	42.38
22 14 29 13-0025	EA		36" Steel Support Plate, Round Or Square	807.07	56.50
22 14 29 13-0026	EA		40" Steel Support Plate, Round Or Square	1,162.88	65.92
22 14 29 13-0027	EA		42" Steel Support Plate, Round Or Square	1,245.36	68.27
22 14 29 13-0028	EA		48" Steel Support Plate, Round Or Square	1,330.47	70.64
22 14 29 13-0029	EA		54" Steel Support Plate, Round Or Square	1,692.27	84.76
22 14 29 13-0030	EA		60" Steel Support Plate, Round Or Square	2,281.48	94.17
22 14 29 13-0031	EA		72" Steel Support Plate, Round Or Square	3,042.73	117.72
22 14 29 13-0032	EA		84" Steel Support Plate, Round Or Square	3,667.13	129.49
22 14 29 16			Submersible Sump Pumps (22 14 29)		
22 14 29 16-0001			Submersible Sump Pump With Vortex Impeller (22 14 29 16)		
22 14 29 16-0002			Submersible Sump Pump With Cast Iron Vortex Impeller (22 14 29 16-0001)		
22 14 29 16-0003	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	383.74	61.36
22 14 29 16-0004	EA		1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	421.28	61.36
22 14 29 16-0005	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	643.53	64.94
22 14 29 16-0006	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	702.93	64.94
22 14 29 16-0007			Submersible Sump Pump With Bronze Vortex Impeller (22 14 29 16-0001)		
Note: Includes 20' of cord with pump.					
22 14 29 16-0008	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,057.68	64.94
22 14 29 16-0009	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,147.20	64.94
22 14 29 16-0010	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,207.25	71.59
22 14 29 16-0011	EA		1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,302.95	71.59
22 14 29 16-0012	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,346.01	81.82
22 14 29 16-0013	EA		1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,440.06	81.82
22 14 29 16-0014	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,450.45	97.16
22 14 29 16-0015	EA		2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,532.12	97.16
22 14 29 16-0016			Submersible Sump Pump With Semi-Open Impeller (22 14 29 16)		
Note: Includes 20' of cord with pump.					
22 14 29 16-0017	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	904.81	61.36
22 14 29 16-0018	EA		1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	933.30	61.36
22 14 29 16-0019	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,159.90	64.94
22 14 29 16-0020	EA		1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,179.92	64.94
22 14 29 16-0021	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,411.14	68.53
22 14 29 16-0022	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,411.14	68.53
22 14 29 16-0023	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,492.20	71.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 14 29 16-0024	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,492.20	71.59
22 14 29 16-0025	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,703.07	81.82
22 14 29 16-0026	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,703.07	81.82
22 14 29 16-0027	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,981.14	97.16
22 14 29 16-0028	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,946.49	97.16

22 14 29 19 Sump-Pump Basins and Pits (22 14 29)
See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems (22 10)

22 15 13 General Service Compressed-Air Piping (22 15)

22 15 13 00-0001 Quick Disconnect, Air-Service (22 15 13)

22 15 13 00-0002 Combination Steel And Brass (22 15 13 00-0001)

22 15 13 00-0003	EA		1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	46.40	14.32
22 15 13 00-0004	EA		3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	51.40	17.38

22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters (22 15 13)

22 15 13 00-0006	EA		3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	628.97	79.47
22 15 13 00-0007	EA		5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	713.90	81.68
22 15 13 00-0008	EA		7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	906.24	83.89
22 15 13 00-0009	EA		10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,053.46	88.30
22 15 13 00-0010	EA		15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,172.16	99.35
22 15 13 00-0011	EA		20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,301.70	113.03
22 15 13 00-0012	EA		30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,841.93	143.49
22 15 13 00-0013	EA		40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,072.79	167.78
22 15 13 00-0014	EA		50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,252.87	179.26
22 15 13 00-0015	EA		60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,449.17	198.68
22 15 13 00-0016	EA		75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,757.85	220.76
22 15 13 00-0017	EA		85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,069.23	242.84
22 15 13 00-0018	EA		100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,232.78	269.33
22 15 13 00-0019	EA		125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,765.82	286.99
22 15 13 00-0020	EA		175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,529.11	298.03
22 15 13 00-0021	EA		200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,342.10	309.07
22 15 13 00-0022	EA		250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,932.99	320.10
22 15 13 00-0023	EA		300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	6,457.80	331.14
22 15 13 00-0024	EA		400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	7,214.99	353.22
22 15 13 00-0025	EA		500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	8,436.30	441.52
22 15 13 00-0026	EA		600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,664.71	529.82
22 15 13 00-0027	EA		800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	11,886.02	618.13
22 15 13 00-0028	EA		1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	13,981.48	706.44

22 15 13 00-0029 Oil And Water Separator For Air Compressor (22 15 13)

22 15 13 00-0030	EA		0-60 SCFM Oil/Water Separator.....	580.92	32.74
22 15 13 00-0031	EA		85 SCFM Oil/Water Separator.....	777.67	38.37
22 15 13 00-0032	EA		190 SCFM Oil/Water Separator.....	908.75	43.48
22 15 13 00-0033	EA		245 SCFM Oil/Water Separator.....	1,140.28	51.15
22 15 13 00-0034	EA		320 SCFM Oil/Water Separator.....	1,355.46	61.38
22 15 13 00-0035	EA		700 SCFM Oil/Water Separator.....	2,733.23	127.89

22 15 13 00-0036 Heavy Duty Industrial Pressure Regulator (22 15 13)

22 15 13 00-0037	EA		3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	102.67	26.49
22 15 13 00-0038	EA		1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	143.16	35.32
22 15 13 00-0039	EA		3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	242.45	44.16
22 15 13 00-0040	EA		1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	305.41	66.23
22 15 13 00-0041	EA		1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	424.89	77.26
22 15 13 00-0042	EA		1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	446.97	88.30

22 15 13 00-0043 Combination Air System; Filter Regulator Lubricator (22 15 13)

22 15 13 00-0044	EA		3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	387.21	79.47
22 15 13 00-0045	EA		1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	480.49	105.96

22 15 13 00-0046 Heatless Desiccant Air Dryers (22 15 13)

22 15 13 00-0047	EA		5 SCFM Heatless Desiccant Air Dryer.....	2,230.49	79.47
22 15 13 00-0048	EA		10 SCFM Heatless Desiccant Air Dryer.....	2,680.93	88.30
22 15 13 00-0049	EA		15 SCFM Heatless Desiccant Air Dryer.....	2,707.99	97.13
22 15 13 00-0050	EA		20 SCFM Heatless Desiccant Air Dryer.....	3,093.06	110.38
22 15 13 00-0051	EA		30 SCFM Heatless Desiccant Air Dryer.....	4,258.40	132.46
22 15 13 00-0052	EA		50 SCFM Heatless Desiccant Air Dryer.....	4,211.08	176.61
22 15 13 00-0053	EA		85 SCFM Heatless Desiccant Air Dryer.....	5,654.27	220.76
22 15 13 00-0054	EA		100 SCFM Heatless Desiccant Air Dryer.....	6,004.15	264.91
22 15 13 00-0055	EA		125 SCFM Heatless Desiccant Air Dryer.....	6,874.50	309.07
22 15 13 00-0056	EA		175 SCFM Heatless Desiccant Air Dryer.....	7,893.78	353.22

22 Plumbing

22 10 Plumbing Piping

22 15 General Service Compressed-Air Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 15 13 00-0057	EA	200 SCFM Heatless Desiccant Air Dryer.....	8,484.97		397.37
22 15 13 00-0058	EA	300 SCFM Heatless Desiccant Air Dryer.....	10,369.93		441.52
22 15 13 00-0059	EA	400 SCFM Heatless Desiccant Air Dryer.....	11,524.10		529.82
22 15 13 00-0060	EA	500 SCFM Heatless Desiccant Air Dryer.....	13,320.13		618.13
22 15 13 00-0061	EA	600 SCFM Heatless Desiccant Air Dryer.....	15,368.59		706.44
22 15 13 00-0062 Air Cooled Aftercoolers (22 15 13)					
22 15 13 00-0063	EA	20 SCFM Air-Cooled Aftercooler.....	566.95		55.19
22 15 13 00-0064	EA	35 SCFM Air-Cooled Aftercooler.....	764.92		66.23
22 15 13 00-0065	EA	43 SCFM Air-Cooled Aftercooler.....	840.70		77.26
22 15 13 00-0066	EA	70 SCFM Air-Cooled Aftercooler.....	1,026.60		88.30
22 15 13 00-0067	EA	125 SCFM Air-Cooled Aftercooler.....	1,427.34		99.35
22 15 13 00-0068	EA	185 SCFM Air-Cooled Aftercooler.....	1,602.50		110.38
22 15 13 00-0069	EA	260 SCFM Air-Cooled Aftercooler.....	3,093.38		132.46
22 15 13 00-0070	EA	365 SCFM Air-Cooled Aftercooler.....	3,235.84		154.53
22 15 13 00-0071	EA	560 SCFM Air-Cooled Aftercooler.....	3,377.21		176.61
22 15 13 00-0072	EA	650 SCFM Air-Cooled Aftercooler.....	3,959.55		198.68
22 15 13 00-0073	EA	750 SCFM Air-Cooled Aftercooler.....	4,329.19		220.76
22 15 13 00-0074	EA	900 SCFM Air-Cooled Aftercooler.....	4,963.11		242.84
22 15 13 00-0075	EA	1,100 SCFM Air-Cooled Aftercooler.....	6,366.17		264.91
22 15 13 00-0076	EA	1,460 SCFM Air-Cooled Aftercooler.....	7,279.92		286.99
22 15 13 00-0077	EA	1,800 SCFM Air-Cooled Aftercooler.....	7,518.78		309.07
22 15 13 00-0078	EA	2,500 SCFM Air-Cooled Aftercooler.....	8,062.45		331.14
22 15 13 00-0079 Compressed Air Coalescing Filters (22 15 13)					
22 15 13 00-0080 1.0 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0079)					
22 15 13 00-0081	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	200.78		33.25
22 15 13 00-0082	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	238.38		33.25
22 15 13 00-0083	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	260.69		38.37
22 15 13 00-0084	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	300.14		43.99
22 15 13 00-0085	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	349.64		48.60
22 15 13 00-0086	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	396.95		58.82
22 15 13 00-0087	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	428.91		63.94
22 15 13 00-0088	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	518.70		76.73
22 15 13 00-0089	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	666.53		102.30
22 15 13 00-0090	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	761.94		115.09
22 15 13 00-0091 0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0079)					
22 15 13 00-0092	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	243.75		33.25
22 15 13 00-0093	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	264.71		38.37
22 15 13 00-0094	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	303.90		43.99
22 15 13 00-0095	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	357.16		43.48
22 15 13 00-0096	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	405.55		58.82
22 15 13 00-0097	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	459.56		63.94
22 15 13 00-0098	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	528.37		76.73
22 15 13 00-0099	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	682.65		102.30
22 15 13 00-0100	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	783.42		115.09
22 15 13 00-0101 Compressed Air Storage Tanks (22 15 13)					
22 15 13 00-0102 Horizontal Compressed Air Storage Tanks (22 15 13 00-0101)					
22 15 13 00-0103	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME.....	329.28		70.65
22 15 13 00-0104	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME.....	517.57		77.26
22 15 13 00-0105	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME.....	548.21		81.24
22 15 13 00-0106	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME.....	623.83		88.30
22 15 13 00-0107	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME.....	815.43		119.21
22 15 13 00-0108	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME.....	981.22		132.46
22 15 13 00-0109	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,459.68		154.53
22 15 13 00-0110	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME.....	2,161.84		176.61
22 15 13 00-0111	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME.....	2,407.65		187.65
22 15 13 00-0112	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,460.51		198.68
22 15 13 00-0113	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME.....	4,550.96		231.80
22 15 13 00-0114	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME.....	6,530.73		275.95
22 15 13 00-0115 Vertical Compressed Air Storage Tanks (22 15 13 00-0101)					
22 15 13 00-0116	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME.....	481.64		70.65
22 15 13 00-0117	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME.....	506.23		77.26
22 15 13 00-0118	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME.....	548.21		81.24
22 15 13 00-0119	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME.....	646.29		88.30
22 15 13 00-0120	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME.....	882.82		119.21
22 15 13 00-0121	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,013.68		132.46
22 15 13 00-0122	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,389.11		154.53
22 15 13 00-0123	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME.....	2,016.40		176.61
22 15 13 00-0124	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME.....	2,222.27		187.65
22 15 13 00-0125	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME.....	3,006.72		198.68
22 15 13 00-0126	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME.....	3,846.68		231.80
22 15 13 00-0127	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME.....	5,002.64		253.88
22 15 13 00-0128	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME.....	8,277.24		286.99

22 15 19 General Service Packaged Air Compressors And Receivers (22 15)

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors (22 15 19)

22 15 19 13-0001 Single Stage Compressor (22 15 19 13)

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,197.61	313.31
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,304.07	361.61
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,632.64	427.04
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,995.71	471.20
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,646.05	497.68
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	3,891.82	515.34
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	4,372.73	588.99
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	4,688.43	624.32
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	5,615.40	706.79

22 15 19 13-0011 Two Stage Compressor (22 15 19 13)

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	4,190.63	550.67
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	4,512.02	647.89
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	4,723.14	706.79
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	5,424.62	942.39
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	5,831.05	942.39
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	6,299.27	1,177.99
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	6,667.90	1,177.99
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	8,540.46	1,457.03
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	9,177.12	1,501.18
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	9,910.28	1,754.43
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	14,786.85	1,985.97
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	15,909.96	2,244.09
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	17,728.16	2,480.21
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	19,290.81	2,718.20

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	7,159.73	816.39
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	8,032.09	1,088.52
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	10,290.12	1,364.75
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	11,949.35	1,739.18
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	13,676.15	2,046.09
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	16,556.12	2,301.86
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,156.29	2,557.62
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	21,777.31	2,864.53
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	23,919.78	3,069.14
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	26,818.62	3,307.51
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	34,694.88	3,580.67
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	38,453.63	3,785.28
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	61,277.57	4,092.19
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	76,295.85	4,424.68
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	88,541.22	4,762.28
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	114,953.66	5,115.24
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	130,523.51	5,442.61

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	8,952.72	1,088.52
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	9,497.15	1,088.52
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	10,723.03	1,364.75
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	11,318.50	1,364.75
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	12,187.54	1,739.18
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	12,817.04	1,739.18
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	13,872.76	2,046.09
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	14,553.30	2,046.09

22 Plumbing**22 10 Plumbing Piping****22 15 General Service Compressed-Air Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	23,724.51	2,301.86
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	25,579.89	2,557.62
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	27,265.14	2,864.53

22 30 Plumbing Equipment ⁽²²⁾**22 31 Domestic Water Softeners** ^(22 30)**22 31 16 Commercial Domestic Water Softeners** ^(22 31)**22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water)** ^(22 31 16)**22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water)** ^(22 31 16 00-0001)**22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water)** ^(22 31 16 00-0002)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	3,131.01	258.98
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	3,272.76	270.75
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	3,528.87	282.52
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	4,050.63	294.30
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	4,314.38	306.07

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	4,651.11	282.52
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	4,890.72	294.30
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	5,155.74	306.07
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	6,109.62	317.84
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	6,782.61	329.61
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	8,235.97	341.38

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	7,013.19	294.30
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	7,269.31	306.07
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	8,225.73	317.84
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	8,898.72	329.61
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	10,430.88	341.38
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	13,722.01	353.16
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	16,034.51	364.92

22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	16,816.08	341.38
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	19,412.00	353.16
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	21,694.01	364.92
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	27,282.99	376.70
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	30,199.20	388.47

22 31 16 00-0030 Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0001)

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0030)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	11,495.24	441.44
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	12,004.61	459.10
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	13,652.75	476.76
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	14,917.06	494.42
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	18,175.49	512.07
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	24,024.07	529.73
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	28,248.41	547.39
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0030)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	30,839.13	512.07
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	35,406.61	529.73
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	39,772.03	547.39
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	50,558.22	565.04
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	56,430.97	582.70
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0001)</small>		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	4,134.76	388.47
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	4,406.47	406.13
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	4,798.92	423.78
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	5,734.07	441.44
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	6,331.13	459.10
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	7,967.38	423.78
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	8,399.23	441.44
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	9,034.42	459.10
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	10,322.89	476.76
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	11,630.41	494.42
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	14,521.53	512.07
22 32		Domestic Water Filtration Equipment <small>(22 30)</small>		
22 32 16		Domestic-Water Freestanding Cartridge Filters <small>(22 32)</small>		
22 32 16 00-0001		Commercial Water Filters Housings <small>(22 32 16)</small>		
22 32 16 00-0002		Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0001)</small>		
22 32 16 00-0003		Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0002)</small>		
22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	1,635.20	166.24
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	1,672.21	179.04
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	1,780.40	191.82

22 Plumbing**22 30 Plumbing Equipment****22 32 Domestic Water Filtration Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	1,967.39	204.61
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	2,029.83	217.39
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	2,444.31	230.19
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	6,671.61	242.97
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	7,748.25	255.76
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	9,809.88	268.55
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	10,873.81	281.34
22 32 16 00-0014 Commercial Water Filter Cartridges (22 32 16 00-0002)				
22 32 16 00-0015 (Depth) Water Filter Cartridges (22 32 16 00-0014)				
22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	8.86	2.04
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	8.86	2.04
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	8.86	2.04
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	7.59	2.04
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	9.17	2.04
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	9.17	2.04
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	9.81	2.04
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	12.03	2.04
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	9.81	2.04
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	11.40	2.04
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	11.40	2.04
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	11.40	2.04
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	12.35	2.04
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	15.85	2.04
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	14.58	2.04
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	14.58	2.04
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	15.85	2.04
22 32 16 00-0033 Pleated Water Filter Cartridges (22 32 16 00-0014)				
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	14.89	2.04
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	14.89	2.04
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	15.21	2.04
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	16.16	2.04
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	23.79	2.04
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	22.84	2.04
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	22.84	2.04
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	22.84	2.04
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	29.83	2.04
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	41.90	2.04
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	35.23	2.04
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	48.57	2.04
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	50.48	2.04
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	56.83	2.04
22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings (22 32 16 00-0001)				
22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings (22 32 16 00-0048)				
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,298.88	153.46
22 32 16 00-0051 Commercial Water Filter Cartridges (22 32 16 00-0048)				
22 32 16 00-0052 Carbon Water Filter Cartridges (22 32 16 00-0051)				
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	399.99	2.04
22 32 16 00-0054 (Depth) Water Filter Cartridges (22 32 16 00-0051)				
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	83.84	2.04
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	83.21	2.04
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	83.21	2.04
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	95.28	2.04
22 32 16 00-0059 Pleated Water Filter Cartridges (22 32 16 00-0051)				
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	220.15	2.04
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	206.80	2.04
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	225.23	2.04
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	236.04	2.04
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	251.29	2.04
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	272.26	2.04

22 33 Electric Domestic Water Heaters (22 30)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 33 13 Instantaneous Electric Domestic Water Heaters (22 33)			
22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)			
22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 13)			
22 33 13 13-0002	EA 3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95).....	344.56	51.13
22 33 13 13-0003	EA 7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P).....	387.67	51.13
22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)			
22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 16)			
Note: Temperature rise decreases with increased flow rate.			
22 33 13 16-0002	EA 3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T).....	462.86	76.70
22 33 13 16-0003	EA 12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12).....	513.95	102.27
22 33 13 16-0004	EA 17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115).....	873.88	178.98
22 33 13 16-0005	EA 26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125).....	1,285.95	204.55
22 33 13 16-0006	EA 12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus).....	905.87	102.27
22 33 13 16-0007	EA 14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus).....	1,245.97	153.41
22 33 13 16-0008	EA 19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus).....	1,394.19	204.55
22 33 13 16-0009	EA 24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus).....	1,442.83	204.55
22 33 13 16-0010	EA 28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus).....	1,488.78	204.55
22 33 13 16-0011	EA 36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus).....	1,556.34	204.55
22 33 30 Residential, Electric Domestic Water Heaters (22 33)			
22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters (22 33 30)			
22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30)			
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.			
22 33 30 13-0002	EA 2 Gallon, Small-Capacity, Electric Domestic Water Heater.....	678.83	161.08
22 33 30 13-0003	EA 10 Gallon, Small-Capacity, Electric Domestic Water Heater.....	818.20	171.31
22 33 30 13-0004	EA 20 Gallon, Small-Capacity, Electric Domestic Water Heater.....	952.45	178.98
22 33 30 16 Residential, Storage Electric Domestic Water Heaters (22 33 30)			
22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)			
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.			
22 33 30 16-0002	EA 30 Gallon, Electric Domestic Water Heater.....	1,010.57	178.98
22 33 30 16-0003	EA 40 Gallon, Electric Domestic Water Heater.....	959.70	184.09
22 33 30 16-0004	EA 50 Gallon, Electric Domestic Water Heater.....	949.12	189.20
22 33 30 16-0005	EA 55 Gallon, Electric Domestic Water Heater.....	1,048.25	191.76
22 33 30 16-0006	EA 66 Gallon, Electric Domestic Water Heater.....	1,475.80	196.88
22 33 30 16-0007	EA 80 Gallon, Electric Domestic Water Heater.....	1,506.00	204.55
22 33 30 16-0008	EA 120 Gallon, Electric Domestic Water Heater.....	1,971.78	217.33
22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)			
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.			
22 33 30 16-0010	EA 30 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,077.31	178.98
22 33 30 16-0011	EA 40 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,034.03	184.09
22 33 30 16-0012	EA 50 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,091.82	189.20
22 33 30 16-0013 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) (22 33 30 16)			
Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.			
22 33 30 16-0014	EA 40 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,111.99	184.09
22 33 30 16-0015	EA 50 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,207.76	189.20
22 33 30 16-0016	EA 66 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,465.32	196.88
22 33 30 16-0017	EA 80 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,587.68	204.55
22 33 30 16-0018 Water Heater Accessories (22 33 30 16)			
22 33 30 16-0019	EA 2 Gallon, Expansion Pressure Tank For Water Heaters.....	82.95	10.22
22 33 30 16-0020	EA 4.4 Gallon, Expansion Pressure Tank For Water Heaters.....	96.90	10.22
22 33 30 16-0021	EA 7.6 Gallon, Expansion Pressure Tank For Water Heaters.....	183.05	10.22
22 33 30 16-0022	EA 14 Gallon, Expansion Pressure Tank For Water Heaters.....	243.68	10.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	15,534.73	613.63
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	16,092.17	613.63
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	18,182.56	613.63
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	20,830.38	613.63
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	25,227.94	613.63

22 33 33 00-0079 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) (22 33 33)

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

22 33 33 00-0080	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	1,317.90	178.98
22 33 33 00-0081	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,415.45	178.98
22 33 33 00-0082	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,539.37	204.55
22 33 33 00-0083	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	2,654.24	204.55
22 33 33 00-0084	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	3,066.20	255.68
22 33 33 00-0085	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	3,400.74	306.82
22 33 33 00-0086	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	4,076.09	460.23

22 33 33 00-0087 Water Heater Accessories (22 33 33)

22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap	32.64	
Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts				
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap	46.68	
Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts				

22 33 33 00-0090 Removal And Reinstallation Of Water Heater (22 33 33)

Note: Includes storage and cleaning.

22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	340.91	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,022.72	

22 34 Fuel-Fired Domestic Water Heaters (22 30)

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34)

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,392.36	204.55
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,500.48	207.10
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,641.82	212.22
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,904.74	217.33
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	2,297.55	230.11
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	2,344.37	230.11

22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)

22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	1,495.37	204.55
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	2,297.55	230.11

22 34 30 Residential Gas Domestic Water Heaters (22 34)

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)

22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 13)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,062.57	196.88
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,047.53	201.98
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	1,365.44	207.10
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-65)	1,472.36	212.22
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	1,601.43	217.33
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	2,327.19	230.11

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 16)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	1,871.98	201.98
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	2,123.52	207.10
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	2,736.13	212.22

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 19)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**
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22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	1,708.99	201.98
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	1,778.67	207.10

22 34 36 Commercial Gas Domestic Water Heaters (22 34)**22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters (22 34 36)****22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (22 34 36 13)**

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	4,634.07	306.82
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	4,959.16	357.95
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	6,122.20	409.09
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	5,318.15	409.09
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	6,089.36	409.09
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	8,081.66	450.00
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	5,923.21	460.23
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	8,713.96	506.24
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	6,012.32	460.23
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	8,321.46	506.24
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	6,683.61	562.50
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	9,129.91	618.75
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	7,489.83	562.50
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	9,182.95	618.75
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	7,273.90	613.63
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	10,133.50	675.00
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	9,172.72	613.63
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	11,958.10	675.00
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	11,905.81	664.77
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	5,956.28	357.95
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	7,131.11	393.75
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	6,207.07	409.09
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	7,423.96	450.00
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	1,572.12	255.68
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,710.03	255.68

22 34 36 13-0027 Removal And Reinstallation Of Water Heater (22 34 36 13)

Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	464.87	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,229.23	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters (22 34 36)**22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) (22 34 36 19)**

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	3,796.02	306.82
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	5,376.64	306.82
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	6,550.34	357.95
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	6,832.95	409.09
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	6,864.77	409.09
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	7,013.29	409.09
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	8,219.57	450.00
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	7,741.45	460.23
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	9,498.97	506.24
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	8,147.53	562.50
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	9,957.35	618.75
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	8,317.26	562.50
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	10,063.43	618.75
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	9,321.24	613.63
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	10,939.71	675.00
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	11,241.31	613.63
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	12,955.26	675.00

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) (22 34 36 19)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,968.59	306.82
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,944.54	306.82
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	4,750.76	306.82
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	6,806.46	337.50
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	6,974.67	357.95
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	8,775.37	393.75
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	7,098.15	409.09
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	9,057.61	450.00
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	8,197.60	460.23
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	9,955.12	506.24
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	13,012.49	618.75
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	13,687.23	675.00
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	15,730.40	731.25

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters (22 34 36)

22 34 36 23-0001 Laars Mighty Therm Gas Fired Domestic Hot Water Skid Package (22 34 36 23)

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	55,751.66	1,314.92
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	67,319.52	1,397.10
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	81,695.48	1,479.28
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	97,567.22	1,561.46
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	102,269.76	1,643.65

22 34 36 23-0007 Laars Mighty Therm Volume Water Heater (22 34 36 23)

22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	7,242.71	753.72
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	7,873.43	847.94
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	9,144.61	1,036.36
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	13,131.44	1,130.58
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	14,481.59	1,319.01
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	16,564.45	1,507.44
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	18,314.37	1,695.86
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	21,822.55	1,884.29
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	22,656.19	1,978.51
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	24,279.66	2,072.73

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters (22 34 36)

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters (22 34 36 26)

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	29,591.94	1,181.45
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	41,763.21	1,305.82
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	45,312.36	1,368.00
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	49,079.29	1,492.36

22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters (22 34 36 26)

22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	26,255.46	1,181.45
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	29,005.49	1,305.82
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	31,703.61	1,368.00
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	34,445.99	1,492.36

22 34 36 26-0011 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters (22 34 36 26)

22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,767.56	559.64
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	7,445.94	621.81
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,746.56	746.18
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	12,307.39	777.27

22 Plumbing

22 30 Plumbing Equipment

22 34 Fuel-Fired Domestic Water Heaters



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	13,566.97	932.73
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,728.71	1,119.27
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	19,007.08	1,181.45
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	21,064.49	1,274.73
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	22,988.15	1,336.91
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	24,665.75	1,368.00

22 34 36 26-0022 Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters (22 34 36 26)

22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	22,046.60	932.73
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	24,280.76	1,119.27
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,451.90	1,274.73
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,433.94	1,336.91
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	34,996.71	1,368.00

22 34 36 26-0028 Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters (22 34 36 26)

22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	27,961.74	1,119.27
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	33,817.11	1,274.73
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	35,888.57	1,368.00

22 34 46 Oil-Fired Domestic Water Heaters (22 34)

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters (22 34 46)

22 34 46 11-0001 Oil-Fired Domestic Water Heaters (Bock) (22 34 46 11)

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	1,574.48	196.88
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	1,553.74	196.88
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	1,620.37	196.88
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	1,710.00	201.98
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,166.52	207.10
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	1,837.04	207.10

22 34 46 11-0008 Oil Fired Commercial Water Heaters (22 34 46 11)

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	2,549.65	306.82
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	2,983.43	306.82
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	3,000.11	306.82
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	4,314.47	409.09
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	5,908.35	511.36
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	7,420.81	562.50

22 35 Domestic Water Heat Exchangers (22 30)

22 35 23 Circulating, Domestic Water Heat Exchangers (22 35)

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers (22 35 23)

22 35 23 13-0001 Steam Driven Water Heaters (22 35 23 13)

22 35 23 13-0002 Constant Flow (22 35 23 13-0001)

22 35 23 13-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	8,304.67	511.36
22 35 23 13-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	10,385.30	626.62
22 35 23 13-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	13,290.10	819.50
22 35 23 13-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	17,948.90	1,141.46
22 35 23 13-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	26,275.02	1,879.97
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	28,547.64	2,130.64
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	37,823.50	2,458.42
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	45,566.45	2,905.46

22 35 23 13-0011 Variable Flow (22 35 23 13-0001)

22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	12,267.85	997.16
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	13,810.65	1,217.55
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	17,594.60	1,574.38
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	22,932.61	2,196.61
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	33,798.36	3,673.63
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	41,588.15	4,045.59
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	48,123.06	4,734.80
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	61,302.92	5,656.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 40 Plumbing Fixtures ⁽²²⁾

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures ^(22 40)

22 41 39 Residential Faucets, Supplies, And Trim ^(22 41)

22 41 39 00-0001 Residential Kitchen Faucets ^(22 41 39)

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	150.54	47.09
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	171.16	47.09
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	171.16	47.09
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8" Center (Delta 2102LF-LHP+H215)	165.47	47.09
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	176.55	47.09

22 41 39 00-0007 Residential Lavatory Faucets ^(22 41 39)

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	134.09	33.90
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	134.09	33.90
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	100.17	33.90
		<i>For Faucet With Brass Pop-Up, Add</i>	16.50	
		<i>For Faucet With Plastic Pop-Up, Add</i>	14.00	

22 41 39 00-0011 Residential Bath And Shower Faucets ^(22 41 39)

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	173.33	40.87
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	201.54	40.87
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	161.03	40.87
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	176.23	40.87
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	192.19	25.57
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	161.97	25.57
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	198.65	25.57

22 41 39 00-0019 Residential Laundry Faucets ^(22 41 39)

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	116.83	30.07
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22 41 39 00-0021 Residential Laundry/Wash Basin Faucets ^(22 41 39)

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	117.68	30.07
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	164.22	33.14

22 41 39 00-0024 Other Residential Faucets ^(22 41 39)

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	31.68	7.67
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22 42 Commercial Plumbing Fixtures ^(22 40)

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, And Bidets ^(22 42)

22 42 13 13 Commercial Water Closets ^(22 42 13)

22 42 13 13-0001 Vitreous China Water Closets ^(22 42 13 13)

Note: With a 2" ball pass.

22 42 13 13-0002 Floor Mounted Elongated Vitreous China Water Closets ^(22 42 13 13-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	588.83	97.94
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado)	582.44	97.94
22 42 13 13-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®)	712.28	97.94
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	937.19	97.94
22 42 13 13-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	832.89	97.94
22 42 13 13-0008	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet™)	774.01	97.94
22 42 13 13-0009	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	778.05	97.94

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
22 42 13 13-0010	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcome™).....	579.79		97.94
22 42 13 13-0011	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E).....	625.25		97.94
22 42 13 13-0012		Wall Hung Elongated Vitreous China Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.			
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®).....	678.61		120.54
22 42 13 13-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit).....	858.17		120.54
22 42 13 13-0015	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™).....	1,102.23		120.54
22 42 13 13-0016	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™).....	681.56		120.54
22 42 13 13-0017	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™).....	1,069.03		120.54
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV).....	760.75		120.54
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL).....	637.48		120.54
22 42 13 13-0020	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459).....	673.20		120.54
22 42 13 13-0021		Floor Mounted Elongated Handicapped Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.			
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA).....	597.67		97.94
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®).....	613.28		97.94
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®).....	682.10		97.94
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron).....	767.24		97.94
22 42 13 13-0026	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA).....	763.69		97.94
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA).....	1,035.43		97.94
22 42 13 13-0028	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA).....	865.15		97.94
22 42 13 13-0029	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN).....	667.78		97.94
22 42 13 13-0030	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650).....	716.31		97.94
22 42 13 13-0031	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA).....	886.53		97.94
22 42 13 13-0032	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436).....	679.89		97.94
22 42 13 13-0033	EA	2 Piece Tank Type, High Efficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™).....	660.74		97.94
22 42 13 13-0034	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL).....	631.96		97.94
22 42 13 13-0035		Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.			
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™).....	676.57		97.94
22 42 13 13-0037	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	605.47		97.94
22 42 13 13-0038	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	716.16		97.94
22 42 13 13-0039		Floor Mounted Round Bowl Vitreous China Water Closets (22 42 13 13-0001)			
22 42 13 13-0040	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113).....	663.53		97.94
22 42 13 13-0041	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412).....	667.27		97.94
22 42 13 13-0042		Stainless Steel Water Closets (22 42 13 13)			
22 42 13 13-0043	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS).....	3,656.61		211.90
22 42 13 13-0044	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS).....	3,856.97		211.90
22 42 13 13-0045		Water Closet Carriers (22 42 13 13)			
22 42 13 13-0046		Pipe Grip Adaptor Type, Water Closet Carriers (22 42 13 13-0045) Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.			
22 42 13 13-0047	EA	Pipe Grip Adaptor Type, Water Closet Carrier.....	433.40		49.73

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

22 42 13 13-0048		No-Hub, Water Closet Carriers <small>(22 42 13 13-0045)</small> Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	653.93	49.73
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-54.10	
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For Auxiliary Inlet, Add</i>	158.57	
		<i>For Special Duty 500 LB Carrier, Add</i>	256.88	
	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	653.93	49.73
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-54.10	
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For Auxiliary Inlet, Add</i>	158.57	
		<i>For Special Duty 500 LB Carrier, Add</i>	256.88	
	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	711.28	49.73
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-54.10	
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For Auxiliary Inlet, Add</i>	158.57	
		<i>For Horizontal No Hub Cast Long Barrel, Add</i>	159.67	
		<i>For Carrier For Wide Chase Installations, Add</i>	215.65	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	256.88	
	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	784.79	49.73
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-54.10	
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For 4" Branch, Add</i>	123.32	
		<i>For Auxiliary Inlet, Add</i>	158.57	
		<i>For Carrier For Wide Chase Installations, Add</i>	215.65	
		<i>For Double 4" Branches, Add</i>	247.42	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	256.88	
	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,082.41	72.99
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-108.22	
		<i>For Positioning Frame, Add</i>	80.29	
		<i>For Supply Pipe Support, Add</i>	81.91	
		<i>For Vandal Proof Trim, Add</i>	92.10	
		<i>For Auxiliary Inlet, Add</i>	172.70	
		<i>For Special Duty 500 LB Carrier, Add</i>	513.75	
	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,111.50	72.99
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-108.22	
		<i>For Positioning Frame, Add</i>	80.29	
		<i>For Supply Pipe Support, Add</i>	81.91	
		<i>For Vandal Proof Trim, Add</i>	92.10	
		<i>For Auxiliary Inlet, Add</i>	172.70	
		<i>For Special Duty 500 LB Carrier, Add</i>	513.75	
	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,343.33	72.99
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-108.22	
		<i>For Positioning Frame, Add</i>	80.29	
		<i>For Supply Pipe Support, Add</i>	81.91	
		<i>For Vandal Proof Trim, Add</i>	92.10	
		<i>For 4" Branch, Add</i>	130.38	
		<i>For Auxiliary Inlet, Add</i>	172.70	
		<i>For Double 4" Branches, Add</i>	261.55	
		<i>For Carrier For Wide Chase Installations, Add</i>	473.69	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	513.76	
	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,267.40	72.99
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-108.22	
		<i>For Positioning Frame, Add</i>	80.29	
		<i>For Supply Pipe Support, Add</i>	81.91	
		<i>For Vandal Proof Trim, Add</i>	92.10	
		<i>For Horizontal No Hub Cast Long Barrel, Add</i>	166.73	
		<i>For Carrier For Wide Chase Installations, Add</i>	473.69	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	513.76	
22 42 13 13-0057		Hub And Spigot, Water Closet Carriers <small>(22 42 13 13-0045)</small> Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	653.93	49.73
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For Hanger Type Closet Adapter, Add</i>	115.51	
		<i>For Auxiliary Inlet, Add</i>	158.57	
	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	653.93	49.73
		<i>For Positioning Frame, Add</i>	36.61	
		<i>For Supply Pipe Support, Add</i>	37.42	
		<i>For Vandal Proof Trim, Add</i>	46.05	
		<i>For Auxiliary Inlet, Add</i>	158.57	
		<i>For Special Duty 500 LB Carrier, Add</i>	256.88	

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 42 13 13-0060	EA Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier.....	812.25	49.73
	For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-54.10	
	For Positioning Frame, Add	36.61	
	For Supply Pipe Support, Add	37.42	
	For Vandal Proof Trim, Add	46.05	
	For 4" Branch, Add	123.32	
	For Auxiliary Inlet, Add	158.57	
	For Carrier For Wide Chase Installations, Add	215.65	
	For Double 4" Branches, Add	247.42	
	For Special Duty 1,000 LB Carrier, Add	256.88	
22 42 13 13-0061	EA Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	1,082.41	72.99
	For Positioning Frame, Add	80.29	
	For Supply Pipe Support, Add	81.91	
	For Vandal Proof Trim, Add	92.10	
	For Auxiliary Inlet, Add	172.70	
	For Hanger Type Closet Adapter, Add	231.03	
22 42 13 13-0062	EA Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,370.80	72.99
	For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-108.22	
	For Positioning Frame, Add	80.29	
	For Supply Pipe Support, Add	81.91	
	For Vandal Proof Trim, Add	92.10	
	For 4" Branch, Add	130.38	
	For Auxiliary Inlet, Add	172.70	
	For Double 4" Branches, Add	261.55	
	For Carrier For Wide Chase Installations, Add	473.69	
	For Special Duty 1,000 LB Carrier, Add	513.76	
22 42 13 13-0063	Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers		
	<small>(22 42 13 13-0045)</small>		
	Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 13-0064	EA Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	512.56	49.73
	For Positioning Frame, Add	36.61	
	For Supply Pipe Support, Add	37.42	
	For Vandal Proof Trim, Add	46.05	
	For Hanger Type Closet Adapter, Add	115.51	
22 42 13 13-0065	Institutional Water Closet Carriers <small>(22 42 13 13-0045)</small>		
	Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 13-0066	EA Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier.....	1,745.62	72.99
	For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-108.22	
	For Positioning Frame, Add	80.29	
	For Supply Pipe Support, Add	81.91	
	For Vandal Proof Trim, Add	92.10	
	For Auxiliary Inlet, Add	172.70	
22 42 13 13-0067	Removal And Reinstallation Of Fixtures And Trim <small>(22 42 13 13)</small>		
	Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 13-0068	EA Removal And Reinstallation Of Wall Hung Water Closet With Tank	430.50	
22 42 13 13-0069	EA Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	430.50	
22 42 13 13-0070	EA Removal And Reinstallation Of Floor Mount Water Closet With Tank	331.09	
22 42 13 13-0071	EA Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve.....	331.09	
22 42 13 16	Commercial Urinals <small>(22 42 13)</small>		
22 42 13 16-0001	Vitreous China Urinals <small>(22 42 13 16)</small>		
	Note: Excludes flush valve unless indicated otherwise.		
22 42 13 16-0002	Wall Hung Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0003	EA Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	538.99	100.77
22 42 13 16-0004	EA Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	667.46	100.77
22 42 13 16-0005	EA Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	694.33	100.77
22 42 13 16-0006	EA Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™).....	733.79	100.77
22 42 13 16-0007	EA Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	665.36	100.77
22 42 13 16-0008	EA Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	556.85	100.77
22 42 13 16-0009	EA Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	684.24	100.77
22 42 13 16-0010	EA Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV).....	580.41	100.77
22 42 13 16-0011	EA Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798).....	630.86	100.77
22 42 13 16-0012	EA 0.125 To 0.5 GPF, HEU, Wall Hung, Washout, Vitreous China Urinal (Sloan SU-1009-A)	572.99	100.77
22 42 13 16-0013	EA 1.0 GPF, HEU, Wall Hung, Washout, Vitreous China Urinal (Sloan SU-1006-A).....	570.79	100.77
22 42 13 16-0014	Floor Mounted Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0015	EA Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™).....	916.17	127.14
22 42 13 16-0016	EA Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™).....	1,050.17	127.14
22 42 13 16-0017	EA Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931).....	310.62	23.55
22 42 13 16-0018	EA Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932).....	353.52	23.55
22 42 13 16-0019	Waterfree Urinals <small>(22 42 13 16-0001)</small>		
22 42 13 16-0020	EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free).....	621.55	70.64
22 42 13 16-0021	EA Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000).....	781.19	70.64
	For Colored Fixtures, Add	66.90	
	For >1, Deduct	-62.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0022	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000) <i>For Colored Fixtures, Add</i> <i>For >1, Deduct</i>	684.26 66.90 -51.17	70.64
22 42 13 16-0023	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000) <i>For Colored Fixtures, Add</i> <i>For >1, Deduct</i>	544.05 66.90 -35.18	70.64
22 42 13 16-0024	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000) <i>For Colored Fixtures, Add</i> <i>For >1, Deduct</i>	544.05 66.90 -35.18	70.64
22 42 13 16-0025	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000) <i>For Colored Fixtures, Add</i> <i>For >1, Deduct</i>	654.21 66.90 -47.74	70.64
22 42 13 16-0026	EA		Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000) <i>For >1, Deduct</i>	948.75 -81.32	70.64
22 42 13 16-0027 Stainless Steel Urinals (22 42 13 16)					
22 42 13 16-0028	EA		Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1).....	3,769.31	211.90
22 42 13 16-0029	EA		5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C).....	4,892.46	258.98
22 42 13 16-0030 Urinal Carriers (22 42 13 16)					
22 42 13 16-0031 Floor Mounted, Urinal Carriers (22 42 13 16-0030)					
Note: Includes adjustable supporting rods, structural uprights and welded feet.					
22 42 13 16-0032	EA		Floor Mounted Hanger Plate Type, Single Urinal Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	373.40 16.96	35.79
22 42 13 16-0033	EA		Floor Mounted Bearing Plate Type, Single Urinal Carrier <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	404.09 16.96	35.79
22 42 13 16-0034 Wall Mounted, Urinal Carriers (22 42 13 16-0030)					
Note: Includes wall plate and adjustable supporting rods.					
22 42 13 16-0035	EA		Wall Mounted Hanger Plate Type, Single Urinal Carrier..... <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	181.95 16.96	35.79
22 42 13 16-0036 Removal And Reinstallation Of Fixtures And Trim (22 42 13 16)					
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.					
22 42 13 16-0037	EA		Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	429.02	
22 42 16 Commercial Lavatories And Sinks (22 42)					
22 42 16 13 Commercial Lavatories (22 42 16)					
22 42 16 13-0001 Lavatories (22 42 16 13)					
Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.					
22 42 16 13-0002 Wall Hung Lavatories (22 42 16 13-0001)					
22 42 16 13-0003	EA		19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	524.06	63.09
22 42 16 13-0004	EA		20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	549.64	63.09
22 42 16 13-0005	EA		22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	692.96	63.09
22 42 16 13-0006	EA		18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	477.40	63.09
22 42 16 13-0007	EA		19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	405.91	63.09
22 42 16 13-0008	EA		20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	523.64	63.09
22 42 16 13-0009	EA		27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	624.14	63.09
22 42 16 13-0010	EA		20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	489.44	63.09
22 42 16 13-0011	EA		20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	426.98	63.09
22 42 16 13-0012 Countertop Lavatories (22 42 16 13-0001)					
22 42 16 13-0013	EA		20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®).....	461.62	76.28
22 42 16 13-0014	EA		21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	470.31	76.28
22 42 16 13-0015	EA		19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	494.57	76.28
22 42 16 13-0016	EA		19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™).....	520.36	76.28
22 42 16 13-0017	EA		24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®).....	666.88	82.40
22 42 16 13-0018 Undercounter Lavatories (22 42 16 13-0001)					
22 42 16 13-0019	EA		15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™).....	465.32	76.28
22 42 16 13-0020	EA		17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	435.95	76.28
22 42 16 13-0021	EA		19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	435.95	76.28
22 42 16 13-0022	EA		21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	471.59	76.28
22 42 16 13-0023	EA		15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®).....	449.32	76.28
22 42 16 13-0024	EA		17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®).....	443.91	76.28
22 42 16 13-0025	EA		19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®).....	449.42	76.28
22 42 16 13-0026	EA		18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®).....	570.98	76.28
22 42 16 13-0027	EA		21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®).....	570.98	76.28
22 42 16 13-0028 Pedestal Lavatories (22 42 16 13-0001)					
22 42 16 13-0029	EA		19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™).....	610.17	181.29
22 42 16 13-0030 Cultured Marble Vanity Tops (22 42 16 13-0001)					
Note: Includes predrilled holes for faucet.					

22 Plumbing
22 40 Plumbing Fixtures
22 42 Commercial Plumbing Fixtures



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 16 13-0031	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	320.31	70.64
22 42 16 13-0032	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	361.05	75.34
22 42 16 13-0033	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	433.54	80.05
22 42 16 13-0034	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	590.58	84.76
22 42 16 13-0035	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	343.39	70.64
22 42 16 13-0036	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	367.55	75.34
22 42 16 13-0037	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	471.93	80.05
22 42 16 13-0038	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	513.61	82.40
22 42 16 13-0039	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	574.34	84.76

22 42 16 13-0040 Quartz Vanity Tops (22 42 16 13-0001)

Note: Includes predrilled holes for faucet.

22 42 16 13-0041	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	677.53	70.64
22 42 16 13-0042	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	707.01	75.34
22 42 16 13-0043	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	811.85	80.05
22 42 16 13-0044	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	817.94	82.40
22 42 16 13-0045	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	891.98	84.76
22 42 16 13-0046	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,191.57	89.46
22 42 16 13-0047	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,405.25	94.16
22 42 16 13-0048	EA	22" End Splash For Quartz Vanity Tops	38.46	

22 42 16 13-0049 Solid Surface Vanity Tops (22 42 16 13-0001)

Note: Includes predrilled holes for faucet.

22 42 16 13-0050	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	569.46	70.64
22 42 16 13-0051	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	638.92	75.34
22 42 16 13-0052	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	717.64	80.05
22 42 16 13-0053	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	789.34	82.40
22 42 16 13-0054	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	854.91	84.76
22 42 16 13-0055	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	941.25	87.11
22 42 16 13-0056	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,047.14	89.46
22 42 16 13-0057	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,073.38	89.46
22 42 16 13-0058	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,158.24	94.16
22 42 16 13-0059	EA	22" End Splash For Solid Surface Vanity Tops	56.89	

22 42 16 13-0060 Stainless Steel Lavatories (22 42 16 13-0001)

22 42 16 13-0061	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1).....	1,858.42	164.81
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22 42 16 13-0062 Solid Surface Multi-Station Lavatory Systems (22 42 16 13-0001)

Note: ADA compliant. Includes integral faucets.

22 42 16 13-0063	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	4,048.07	130.09
		<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
		<i>For Integral Photovoltaic Power Panels, Add</i>	563.00	
22 42 16 13-0064	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	5,907.84	130.09
		<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
		<i>For Integral Photovoltaic Power Panels, Add</i>	657.00	
22 42 16 13-0065	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	288.84	43.37
22 42 16 13-0066	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	352.75	43.37
22 42 16 13-0067	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	678.23	43.37

22 42 16 13-0068 Lavatory Carriers (22 42 16 13)

22 42 16 13-0069 Floor Mounted, Lavatory Carriers (22 42 16 13-0068)

22 42 16 13-0070 Floor Mounted Plate Type, Lavatory Carriers (22 42 16 13-0069)

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	373.40	35.79
		<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	16.96	
		<i>For Valve Plate For Attaching To Upright, Add</i>	62.62	
		<i>For Corner Carrier, Add</i>	122.02	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	404.09	35.79
		<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	16.96	
		<i>For Valve Plate For Attaching To Upright, Add</i>	62.62	
22 42 16 13-0073	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	458.22	35.79
		<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	33.92	
		<i>For Valve Plate For Attaching To Upright, Add</i>	125.24	
22 42 16 13-0074	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	520.42	35.79
		<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	33.92	
		<i>For Valve Plate For Attaching To Upright, Add</i>	125.24	

22 42 16 13-0075 Floor Mounted, Lavatory Carriers With Arms (22 42 16 13-0069)

Note: Includes leveling and securing screws, structural uprights and welded feet.

22 42 16 13-0076	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	477.04	42.38
		<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	16.96	
		<i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i>	23.43	
		<i>For Valve Plate For Attaching To Upright, Add</i>	64.50	
		<i>For 2" Chrome Plated Escutcheons, Add</i>	57.35	
		<i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	104.20	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 16 13-0077	EA			Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	625.67 16.96 46.05 64.50 58.97	42.38
22 42 16 13-0078	EA			Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> <i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	624.86 33.92 46.86 129.00 114.70 208.41	42.38
22 42 16 13-0079	EA			Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	909.21 33.92 92.10 129.00 117.93	42.38
22 42 16 13-0080				Wall Mounted, Lavatory Carriers (22 42 16 13-0068)		
22 42 16 13-0081				Wall Mounted Plate Type, Lavatory Carriers (22 42 16 13-0080) Note: Includes wall plate and adjustable supporting rods.		
22 42 16 13-0082	EA			Wall Mounted Hanger Plate Type, Single Lavatory Carrier <i>For Double Plate Carrier, Add</i>	181.95 50.31	35.79
22 42 16 13-0083				Wall Mounted Plate Type, Lavatory Carriers With Arms (22 42 16 13-0080) Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0084	EA			Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i>	288.82 16.96 57.35	42.38
22 42 16 13-0085	EA			Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms <i>For Movable Mounting Brackets, Deduct</i> <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	334.06 -43.62 16.96 57.35 104.20	42.38
22 42 16 13-0086	EA			Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	473.81 16.96 46.05	42.38
22 42 16 13-0087				Removal And Reinstallation Of Lavatory And Trim (22 42 16 13) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 13-0088	EA			Removal And Reinstallation Of Wall Hung Lavatory With Faucet.....	276.98	
22 42 16 16				Commercial Sinks (22 42 16)		
22 42 16 16-0001				Sinks (22 42 16 16) Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 16-0002				Kitchen Sinks (22 42 16 16-0001)		
22 42 16 16-0003	EA			25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®).....	652.28	88.53
22 42 16 16-0004	EA			22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®).....	854.19	100.77
22 42 16 16-0005	EA			15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)..... <i>For 18 Gauge, Add</i>	733.29 190.07	86.64
22 42 16 16-0006	EA			17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)..... <i>For 18 Gauge, Add</i>	750.53 198.69	86.64
22 42 16 16-0007	EA			22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)..... <i>For 18 Gauge, Add</i>	789.31 218.08	86.64
22 42 16 16-0008	EA			25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)..... <i>For 18 Gauge, Add</i>	826.46 231.01	88.53
22 42 16 16-0009	EA			31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)..... <i>For 18 Gauge, Add</i>	1,031.90 315.75	100.77
22 42 16 16-0010	EA			33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)..... <i>For 18 Gauge, Add</i>	1,052.76 326.01	100.77
22 42 16 16-0011	EA			15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710).....	1,012.67	86.64
22 42 16 16-0012	EA			17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210).....	1,032.06	86.64
22 42 16 16-0013	EA			22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210).....	1,080.90	86.64
22 42 16 16-0014	EA			25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210).....	1,148.93	88.53
22 42 16 16-0015	EA			31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210).....	1,383.10	100.77
22 42 16 16-0016	EA			33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322).....	1,327.83	100.77
22 42 16 16-0017				Undermount Kitchen Sinks (22 42 16 16-0001)		
22 42 16 16-0018	EA			21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	909.19	86.64
22 42 16 16-0019	EA			21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	907.10	86.64
22 42 16 16-0020	EA			21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99).....	916.38	86.64
22 42 16 16-0021	EA			21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99).....	965.21	86.64
22 42 16 16-0022	EA			21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99)..... Note: Available in 4-1/2", 5, or 5-1/2" depths.	934.33	86.64
22 42 16 16-0023	EA			25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99).....	1,059.50	86.64

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 42 16 16-0024	EA 32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99).....	1,246.65	86.64
22 42 16 16-0025	EA 21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A).....	753.57	86.64
22 42 16 16-0026	EA 32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A).....	963.70	86.64
22 42 16 16-0027	Multi-Station Wash Sink, Wall Mounted <small>(22 42 16 16-0001)</small> Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA 36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,853.58	153.04
22 42 16 16-0029	EA 48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,484.32	164.81
22 42 16 16-0030	EA 60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,858.55	176.57
22 42 16 16-0031	EA 48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	1,834.46	117.72
22 42 16 16-0032	EA 62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,035.26	129.49
22 42 16 16-0033	EA 80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,232.20	141.26
22 42 16 16-0034	EA 102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,477.78	158.92
22 42 16 16-0035	EA 27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain..... Note: Includes sensor operated spray heads.	2,366.90	258.98
22 42 16 16-0036	Utility Or Laundry Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0037	EA 23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	587.09	100.77
22 42 16 16-0038	EA 40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	686.94	100.77
22 42 16 16-0039	EA 22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	585.20	100.77
22 42 16 16-0040	EA 24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	938.07	100.77
22 42 16 16-0041	EA 48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,361.21	113.01
22 42 16 16-0042	Refinish Sink/Lavatory <small>(22 42 16 16-0001)</small>		
22 42 16 16-0043	EA Refinish Sink/Lavatory.....	219.75	
22 42 16 16-0044	Service Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0045	EA 22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™).....	951.48	151.62
22 42 16 16-0046	EA 24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™).....	1,005.94	151.62
22 42 16 16-0047	EA 28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™).....	1,278.71	200.59
22 42 16 16-0048	EA 12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F).....	519.91	141.26
22 42 16 16-0049	EA 24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424).....	606.85	141.26
22 42 16 16-0050	EA 36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624).....	668.25	169.51
22 42 16 16-0051	EA 24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010).....	561.06	141.26
22 42 16 16-0052	EA 36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010).....	636.84	169.51
22 42 16 16-0053	EA 24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24).....	663.09	141.26
22 42 16 16-0054	EA 36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624).....	815.45	169.51
22 42 16 16-0055	Stainless Steel Sink And Drainboard <small>(22 42 16 16-0001)</small>		
22 42 16 16-0056	EA 24" x 24" Stainless Steel Sink With One Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L).....	2,792.68	235.44
22 42 16 16-0057	Soapstone Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0058	EA 26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink.....	1,054.99	86.64
22 42 16 16-0059	SF Soapstone Sink Backsplash.....	156.50	
22 42 16 16-0060	EA 30" x 18-1/2" x 10" Single Bowl Soapstone Sink.....	1,351.26	100.77
22 42 16 16-0061	EA 36" x 18-1/2" x 10" Double Bowl Soapstone Sink.....	1,590.82	100.77
22 42 16 16-0062	Sink Carriers <small>(22 42 16 16)</small>		
22 42 16 16-0063	Floor Mounted, Sink Carriers <small>(22 42 16 16-0062)</small> Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0064	EA Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling..... For Vandal Proof Trim, Add 46.05 For Valve Plate For Attaching To Upright, Add 62.62	530.92	35.79
22 42 16 16-0065	EA Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting..... For Vandal Proof Trim, Add 46.05 For Auxiliary Vent, Add 139.37	807.99	35.79
22 42 16 16-0066	EA Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms..... For Up To 4" Extension Sleeves And Hardware, Add 34.73 For Vandal Proof Trim, Add 46.05	1,005.10	35.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 16 16-0067 **Removal And Reinstallation Of Sink And Trim** (22 42 16 16)
 Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.
 22 42 16 16-0068 EA Removal And Reinstallation Of Wall Hung Service Sink With Faucet..... 379.74

22 42 19 Commercial Bathtubs (22 42)

22 42 19 00-0001 **Recessed Alcove Bathtubs** (22 42 19)
 22 42 19 00-0002 **Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs** (22 42 19 00-0001)
 22 42 19 00-0003 EA 54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™) 1,469.36 261.80
 22 42 19 00-0004 EA 60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)..... 1,254.90 261.80
 22 42 19 00-0005 EA 60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)..... 1,474.74 261.80
 22 42 19 00-0006 EA 66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®) 1,906.06 261.80

22 42 19 00-0007 **Porcelain Enameled Steel, Recessed Alcove Bathtubs** (22 42 19 00-0001)
 22 42 19 00-0008 EA 60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®) 635.34 261.80
 22 42 19 00-0009 EA 60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®) 650.70 261.80

22 42 19 00-0010 **Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs** (22 42 19 00-0001)
 22 42 19 00-0011 EA 60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)..... 953.03 261.80

22 42 19 00-0012 **Acrylic, Recessed Alcove Bathtubs** (22 42 19 00-0001)
 22 42 19 00-0013 EA 60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®) 982.08 261.80
 22 42 19 00-0014 EA 60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) 1,167.75 261.80
 22 42 19 00-0015 EA 66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) 1,191.73 261.80
 22 42 19 00-0016 EA 72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) 1,176.99 261.80
 22 42 19 00-0017 EA 72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)..... 1,230.01 261.80

22 42 19 00-0018 **Bathtub Refinishing** (22 42 19 00-0001)
 22 42 19 00-0019 EA Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel..... 494.80

22 42 19 00-0020 **Tub And Shower Combinations** (22 42 19)

22 42 19 00-0021 **Acrylic Tub And Shower Combination** (22 42 19 00-0020)
 22 42 19 00-0022 EA 1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)..... 859.84 93.65
 For 2 Piece Enclosure, Deduct -190.76

22 42 19 00-0023 **Fiberglass Tub And Shower Combination** (22 42 19 00-0020)
 22 42 19 00-0024 EA 1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)..... 798.31 93.65
 22 42 19 00-0025 EA 2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)..... 639.27 62.44
 22 42 19 00-0026 EA 4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P) 1,268.98 141.36
 22 42 19 00-0027 EA 3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)..... 2,194.33 328.79
 For 2 Piece Enclosure, Deduct -463.77

22 42 23 Commercial Showers (22 42)

22 42 23 00-0001 **Shower Enclosures** (22 42 23)
 Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.
 22 42 23 00-0002 **Powder Coated Or Baked Enamel Steel Shower Enclosure** (22 42 23 00-0001)
 22 42 23 00-0003 EA 32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) 1,101.91 151.89
 22 42 23 00-0004 EA 36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) 1,101.91 151.89
 22 42 23 00-0005 EA 40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) 1,612.71 151.89
 22 42 23 00-0006 EA 40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions) 1,764.35 151.89

22 42 23 00-0007 **Solid Plastic Core High Density Polymer (HDP) Shower Enclosure** (22 42 23 00-0001)
 22 42 23 00-0008 EA 32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)..... 1,748.39 151.89
 22 42 23 00-0009 EA 36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)..... 1,748.39 151.89
 22 42 23 00-0010 EA 40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)..... 2,466.70 151.89
 22 42 23 00-0011 EA 40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions) 2,746.04 151.89

22 42 23 00-0012 **Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down** (22 42 23 00-0001)
 22 42 23 00-0013 EA 32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS) 939.92 151.89
 22 42 23 00-0014 EA 36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS) 963.52 151.89
 22 42 23 00-0015 EA 34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS) 987.13 151.89
 22 42 23 00-0016 EA 30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL) 1,034.33 151.89
 22 42 23 00-0017 EA 34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS) 1,096.88 151.89

22 42 23 00-0018 **1 Piece Shower Units** (22 42 23)
 22 42 23 00-0019 EA 1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)..... 807.51 93.65
 22 42 23 00-0020 EA 1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)..... 894.08 93.65

22 Plumbing
22 40 Plumbing Fixtures
22 42 Commercial Plumbing Fixtures



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 23 00-0021		Personnel Type Shower Receptors (22 42 23)			
22 42 23 00-0022		Acrylic Shower Receptors (22 42 23 00-0021)			
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	391.74	38.36	
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	413.75	38.36	
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	457.70	38.36	
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	556.53	46.03	
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	392.78	38.36	
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	421.72	38.36	
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	475.57	38.36	
22 42 23 00-0030	EA	60" x 30" Acrylic Shower Receptor	774.34	105.62	
22 42 23 00-0031	EA	60" x 32" Acrylic Shower Receptor	529.14	46.03	
22 42 23 00-0032	EA	60" x 36" Acrylic Shower Receptor	532.86	46.03	
22 42 23 00-0033	EA	60" x 42" Acrylic Shower Receptor	536.28	46.03	
22 42 23 00-0034	EA	60" x 48" Acrylic Shower Receptor	589.78	46.03	
22 42 23 00-0035	EA	36" x 36" Acrylic Corner Shower Receptor	568.15	38.36	
22 42 23 00-0036	EA	42" x 42" Acrylic Corner Shower Receptor	651.22	38.36	
22 42 23 00-0037	EA	47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	1,058.40	100.35	
22 42 23 00-0038		Molded Stone Shower Receptors (22 42 23 00-0021)			
22 42 23 00-0039	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	263.76	38.36	
22 42 23 00-0040	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	276.18	38.36	
22 42 23 00-0041	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	277.56	38.36	
22 42 23 00-0042	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	338.96	38.36	
22 42 23 00-0043	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	301.71	38.36	
22 42 23 00-0044	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	318.96	38.36	
22 42 23 00-0045	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	321.03	38.36	
22 42 23 00-0046	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	372.11	46.03	
22 42 23 00-0047	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	385.22	46.03	
22 42 23 00-0048	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	305.16	38.36	
22 42 23 00-0049	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	312.75	38.36	
22 42 23 00-0050		Precast Terrazzo Shower Receptors (22 42 23 00-0021)			
22 42 23 00-0051	EA	30" x 30" Precast Terrazzo Shower Receptor	488.67	38.36	
22 42 23 00-0052	EA	32" x 32" Precast Terrazzo Shower Receptor	507.30	38.36	
22 42 23 00-0053	EA	34" x 34" Precast Terrazzo Shower Receptor	524.55	38.36	
22 42 23 00-0054	EA	36" x 36" Precast Terrazzo Shower Receptor	526.62	38.36	
22 42 23 00-0055	EA	40" x 40" Precast Terrazzo Shower Receptor	575.60	38.36	
22 42 23 00-0056	EA	42" x 42" Precast Terrazzo Shower Receptor	600.44	38.36	
22 42 23 00-0057	EA	48" x 48" Precast Terrazzo Shower Receptor	840.53	38.36	
22 42 23 00-0058	EA	36" x 32" Precast Terrazzo Shower Receptor	520.41	38.36	
22 42 23 00-0059	EA	42" x 32" Precast Terrazzo Shower Receptor	530.30	38.36	
22 42 23 00-0060	EA	42" x 34" Precast Terrazzo Shower Receptor	548.01	38.36	
22 42 23 00-0061	EA	42" x 36" Precast Terrazzo Shower Receptor	570.08	38.36	
22 42 23 00-0062	EA	32" x 48" Precast Terrazzo Shower Receptor	572.15	38.36	
22 42 23 00-0063	EA	48" x 34" Precast Terrazzo Shower Receptor	600.44	38.36	
22 42 23 00-0064	EA	54" x 32" Precast Terrazzo Shower Receptor	628.73	38.36	
22 42 23 00-0065	EA	60" x 30" Precast Terrazzo Shower Receptor	848.59	46.03	
22 42 23 00-0066	EA	60" x 32" Precast Terrazzo Shower Receptor	926.87	46.03	
22 42 23 00-0067	EA	60" x 34" Precast Terrazzo Shower Receptor	930.71	46.03	
22 42 23 00-0068	EA	60" x 36" Precast Terrazzo Shower Receptor	934.53	46.03	
22 42 23 00-0069	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	529.38	38.36	
22 42 23 00-0070	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	530.30	38.36	
22 42 23 00-0071	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	532.14	38.36	
22 42 23 00-0072	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	636.32	38.36	
22 42 23 00-0073	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,150.30	38.36	
22 42 23 00-0074	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,281.42	46.03	
22 42 23 00-0075	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,335.23	46.03	
22 42 23 00-0076		Shower Receptors Accessories (22 42 23 00-0021)			
22 42 23 00-0077	SF	Polyvinyl Chloride (PVC) Shower Pan Liner		3.36	
22 42 23 00-0078		Removal And Reinstallation Of Fixtures And Trim (22 42 23)			
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.					
22 42 23 00-0079	EA	Removal And Reinstallation Of Shower Head		46.03	
22 42 33		Wash Fountains (22 42)			
22 42 33 00-0001		Circular Wash Fountain, Deep Bowl (22 42 33)			
Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.					
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	7,414.72	151.76	
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,972.41	151.76	
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,682.42		151.76
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	9,447.14		173.44
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,738.29		173.44
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	10,407.98		173.44
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		

22 42 33 00-0008		Semi-Circular Wash Fountain, Deep Bowl <small>(22 42 33)</small>			
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.			
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	6,468.90		130.09
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,544.55		130.09
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,575.00		130.09
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	7,936.46		151.76
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,486.55		151.76
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE).....	7,823.12		151.76
		For Metal Soap Dispenser, Add	100.00		
		For Stainless Steel Pedestal Panels, Add	100.00		

22 42 39 Commercial Faucets, Supplies, And Trim (22 42)

22 42 39 00-0001		Other Trim <small>(22 42 39)</small>			
22 42 39 00-0002	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	15.60		5.12
22 42 39 00-0003	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	89.17		15.34
22 42 39 00-0004	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102).....	61.10		14.13
22 42 39 00-0005	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	64.02		14.13
22 42 39 00-0006	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield).....	163.31		14.13
22 42 39 00-0007	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	201.05		14.13
22 42 39 00-0008	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	228.46		14.13
22 42 39 00-0009	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036).....	30.93		9.89
22 42 39 00-0010	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037).....	30.93		9.89
22 42 39 00-0011	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558).....	41.10		9.89
22 42 39 00-0012	PR	16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line (Pair).....	30.00		10.87
22 42 39 00-0013	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	18.51		6.39
22 42 39 00-0014	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	18.97		6.39

22 42 39 00-0015 Kitchen Faucets (22 42 39)

22 42 39 00-0016	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	161.07		47.09
22 42 39 00-0017	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST).....	179.98		47.09
22 42 39 00-0018	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	166.56		47.09
22 42 39 00-0019	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440-SS-DST).....	186.67		47.09
22 42 39 00-0020	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24).....	151.08		47.09
22 42 39 00-0021	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24).....	164.40		47.09
22 42 39 00-0022	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF).....	209.29		47.09
22 42 39 00-0023	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF).....	152.96		47.09
22 42 39 00-0024	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF).....	147.92		47.09
22 42 39 00-0025	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF).....	172.56		47.09
22 42 39 00-0026	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24).....	286.72		47.09
22 42 39 00-0027	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24).....	313.19		47.09
22 42 39 00-0028	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP).....	297.05		51.13
22 42 39 00-0029	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP).....	295.76		51.13
22 42 39 00-0030	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	224.54		51.13
22 42 39 00-0031	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR).....	497.94		47.09
22 42 39 00-0032	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK).....	626.38		47.09
22 42 39 00-0033	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB).....	669.19		47.09

22 Plumbing

22 40 Plumbing Fixtures

22 42 Commercial Plumbing Fixtures

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 42 39 00-0034	EA Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR).....	497.94	47.09
22 42 39 00-0035	EA Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK).....	626.38	47.09
22 42 39 00-0036	EA Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB).....	669.19	47.09
22 42 39 00-0037	Lavatory Faucets (22 42 39)		
22 42 39 00-0038	EA Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST).....	188.77	33.90
22 42 39 00-0039	EA 4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF).....	134.09	33.90
22 42 39 00-0040	EA 4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU).....	164.01	33.90
22 42 39 00-0041	EA 4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM).....	178.92	33.90
22 42 39 00-0042	EA Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU).....	217.44	33.90
22 42 39 00-0043	EA Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF).....	251.66	33.90
22 42 39 00-0044	EA Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104).....	157.57	33.90
22 42 39 00-0045	EA Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002).....	234.59	33.90
22 42 39 00-0046	EA Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665).....	171.88	33.90
22 42 39 00-0047	EA 3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710).....	175.63	33.90
22 42 39 00-0048	EA 3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712).....	209.99	33.90
22 42 39 00-0049	EA 4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805).....	205.93	33.90
22 42 39 00-0050	EA 4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104).....	170.08	33.90
22 42 39 00-0051	Bath And Shower Faucets (22 42 39)		
22 42 39 00-0052	Bath And Shower Faucets With Valve Body (22 42 39 00-0051)		
22 42 39 00-0053	EA Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500).....	177.67	40.87
22 42 39 00-0054	EA Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501).....	205.88	40.87
22 42 39 00-0055	EA Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502).....	223.97	40.87
22 42 39 00-0056	EA Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505).....	165.37	40.87
	<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0057	EA Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501).....	172.61	40.87
	<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0058	EA Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502).....	193.59	40.87
	<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0059	EA Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502).....	217.46	40.87
	<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0060	Shower Valves And Trim (22 42 39)		
	See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0061	EA Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	296.48	63.56
22 42 39 00-0062	EA Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP).....	627.57	63.56
22 42 39 00-0063	EA Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP).....	445.18	63.56
22 42 39 00-0064	EA Senior Institutional Shower Head (Symmons® 4-150).....	173.15	40.87
22 42 39 00-0065	EA Universal Institutional Shower Head (Symmons® 4-151).....	280.86	40.87
22 42 39 00-0066	EA Fre-Flo Institutional Shower Head (Symmons® 4-295).....	201.51	40.87
22 42 39 00-0067	EA Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385).....	155.07	40.87
22 42 39 00-0068	EA Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X).....	624.33	61.21
22 42 39 00-0069	EA Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X).....	520.56	70.64
22 42 39 00-0070	EA Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X).....	677.75	70.64
22 42 39 00-0071	EA Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X).....	944.49	75.34
22 42 39 00-0072	EA Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S).....	858.77	63.56
	<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
	<i>For Recessed Soap Dish, Add</i>	108.12	
	<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
	<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0073	EA Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807).....	1,015.74	63.56
	<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
	<i>For Recessed Soap Dish, Add</i>	108.12	
	<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
	<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0074	EA Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S).....	700.53	63.56
	<i>For Hand Spray, Hose And Wall Hooks, Add</i>	19.32	
	<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	78.39	
	<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0075	EA Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS).....	1,043.33	63.56
	<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0076	EA Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS).....	1,117.23	63.56
	<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
	<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0077	EA Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931).....	2,037.60	63.56
	<i>For Recessed Soap Dish, Add</i>	83.94	
	<i>For Pressure Balance And Metering Combination, Add</i>	227.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0078	EA		Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	1,783.45	63.56
			<i>For Recessed Soap Dish, Add</i>	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0079	EA		Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	909.11	63.56
22 42 39 00-0080	EA		Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS).....	1,380.60	63.56
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0081	EA		Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60).....	907.92	63.56
22 42 39 00-0082	EA		Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS).....	905.32	63.56
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
22 42 39 00-0083	EA		Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4).....	666.32	56.50
22 42 39 00-0084	EA		Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	512.63	40.87
22 42 39 00-0085 Service Sink Faucets (22 42 39)					
22 42 39 00-0086	EA		4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™).....	379.87	78.40
22 42 39 00-0087	EA		3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	279.03	78.40
22 42 39 00-0088	EA		3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	298.56	78.40
22 42 39 00-0089	EA		6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012).....	308.69	78.40
22 42 39 00-0090	EA		7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	405.69	109.90
22 42 39 00-0091	EA		7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	455.27	125.25
22 42 39 00-0092	EA		11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	518.93	125.25
22 42 39 00-0093	EA		Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRFC).....	306.55	78.40
22 42 39 00-0094	EA		44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-KKAB).....	614.99	125.25
22 42 39 00-0095 Laboratory Faucets And Fittings (22 42 39)					
22 42 39 00-0096	EA		Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	154.66	33.34
22 42 39 00-0097	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	250.70	47.09
22 42 39 00-0098	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	320.30	47.09
22 42 39 00-0099	EA		Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933).....	201.92	43.98
22 42 39 00-0100	EA		6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940).....	275.41	62.72
22 42 39 00-0101	EA		6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	366.17	62.72
22 42 39 00-0102	EA		Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	291.89	47.09
22 42 39 00-0103	EA		Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	291.90	62.72
22 42 39 00-0104	EA		Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP).....	189.54	36.20
22 42 39 00-0105	EA		Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP).....	267.11	51.13
22 42 39 00-0106	EA		4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	209.59	51.13
22 42 39 00-0107	EA		4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317CP)	252.28	51.13
22 42 39 00-0108	EA		Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	71.68	31.45
22 42 39 00-0109	EA		Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	401.35	56.50
22 42 39 00-0110	EA		Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP).....	511.00	56.50
22 42 39 00-0111	EA		Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	610.90	56.50
22 42 39 00-0112	EA		Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	542.30	56.50
22 42 39 00-0113	EA		Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	642.33	56.50
22 42 39 00-0114	EA		Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	107.60	31.08
22 42 39 00-0115	EA		90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	147.88	37.29
22 42 39 00-0116	EA		180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA).....	147.88	37.29
22 42 39 00-0117	EA		Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA).....	188.16	43.51
22 42 39 00-0118	EA		Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA).....	228.44	49.73
22 42 39 00-0119 Gooseneck Faucets With Independent Eyewash (22 42 39)					
22 42 39 00-0120	EA		Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA).....	685.51	35.31
22 42 39 00-0121	EA		Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL).....	742.12	32.96
22 42 39 00-0122	EA		8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8).....	956.65	35.31
22 42 39 00-0123	EA		Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST).....	1,010.02	35.31
22 42 39 00-0124	EA		Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW).....	1,223.26	23.55
22 42 39 00-0125	EA		Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP).....	1,480.21	58.86

22 Plumbing
22 40 Plumbing Fixtures
22 42 Commercial Plumbing Fixtures

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	UNIT COST	UNIT COST	
DESCRIPTION				
22 42 39 00-0126	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,062.47	58.86
22 42 39 00-0127	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,130.40	58.86
22 42 39 00-0128	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	198.62	35.79
22 42 39 00-0129	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	216.13	35.79
22 42 39 00-0130	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	231.42	35.79
22 42 39 00-0131	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	928.49	23.55
22 42 39 00-0132 Bubblers And Glass Fillers (22 42 39)				
22 42 39 00-0133	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	264.62	33.34
22 42 39 00-0134	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	240.43	43.98
22 42 39 00-0135	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	261.15	33.34
22 42 39 00-0136	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	170.12	47.77
22 42 39 00-0137	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	308.82	36.20
22 42 39 00-0138	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	312.80	36.20
22 42 39 00-0139	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	262.53	36.20
22 42 39 00-0140 Automatic Electronic Sensor Faucets (22 42 39)				
22 42 39 00-0141	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	489.53	78.54
		<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0142	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	493.87	78.54
		<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0143	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	655.63	85.30
22 42 39 00-0144	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	679.94	78.54
22 42 39 00-0145	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	999.33	85.30
22 42 39 00-0146	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,243.90	85.30
22 42 39 00-0147	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,163.70	85.30
22 42 39 00-0148	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	818.58	78.54
22 42 39 00-0149	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	639.15	78.54
22 42 39 00-0150	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	673.16	78.54
22 42 39 00-0151	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	588.14	78.54
22 42 39 00-0152	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	673.16	78.54
22 42 39 00-0153	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	592.87	78.54
22 42 39 00-0154	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	592.87	78.54
22 42 39 00-0155	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	662.79	78.54
22 42 39 00-0156	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	567.83	78.54
22 42 39 00-0157	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	546.38	78.54
22 42 39 00-0158	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	974.91	78.54
22 42 39 00-0159 Removal And Reinstallation Of Fixtures And Trim (22 42 39)				
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0160	EA	Removal And Reinstallation Of Faucet	81.82	
22 42 43 Flushometers (22 42)				
22 42 43 00-0001 Water Closet Flush Valves (22 42 43)				
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	210.36	32.11
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	204.47	32.11
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	234.44	32.11
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	322.65	32.11
22 42 43 00-0006	EA	Top Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-142)	356.45	32.11
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	633.95	32.11
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	640.27	32.11
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6 ES-S)	674.36	32.11
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	628.58	32.11
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115)	288.16	32.11
		Note: "Green", 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	560.72	32.11
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	277.26	32.11
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	277.22	32.11
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	274.01	28.25
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	296.98	28.25
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	642.78	32.11
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	702.20	32.11
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	892.83	32.11
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	892.83	32.11
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	583.85	32.11
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	578.80	32.11
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	286.95	28.25
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	90.95	5.26
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	548.46	32.11
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	225.09	32.11
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	599.83	32.11
22 42 43 00-0028 Urinal Flush Valves (22 42 43)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 43 00-0029	EA		3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	196.80	32.11
22 42 43 00-0030	EA		1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	211.13	32.11
22 42 43 00-0031	EA		Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195)..... Note: 1.0 or 1.5 GPF.	279.62	32.11
22 42 43 00-0032	EA		Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197)..... Note: 1.0 or 1.5 GPF.	336.04	32.11
22 42 43 00-0033	EA		Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	522.03	32.11
22 42 43 00-0034	EA		Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S)..... Note: 0.5, 1.0 or 1.5 GPF.	697.61	32.11
22 42 43 00-0035	EA		Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S)..... Note: 0.5, 1.0 or 1.5 GPF.	781.23	32.11
22 42 43 00-0036	EA		Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1)..... Note: 1.0 GPF.	513.64	32.11
22 42 43 00-0037	EA		Foot Operated Flush Valve..... Note: Can be used for water closets.	578.77	32.11
22 42 43 00-0038	EA		Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12)..... Note: 0.5 GPF.	698.37	32.11
22 42 43 00-0039	EA		Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	501.38	32.11
22 42 43 00-0040	EA		3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF)..... Note: 0.125 GPF.	223.70	32.11
22 42 43 00-0041	EA		Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	553.05	32.11
22 42 43 00-0042	EA		Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS)..... Note: 0.125 GPF.	561.36	32.11
22 42 43 00-0043			Removal And Reinstallation Of Fixtures And Trim (22 42 43) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0044	EA		Removal And Reinstallation Of Flush Valve	127.85	
22 42 43 00-0045			Plumbing Control Transformers (22 42 43)		
22 42 43 00-0046	EA		6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	41.37	
22 42 46			Chemical Toilets (22 42) Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001			Standard Chemical Toilets (22 42 46)		
22 42 46 00-0002			Small Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0003	EA		Chemical Toilet, Small Tank 7,000 Uses/Year..... <i>For Extra Urinal, Add</i>	3,925.02 128.81	941.74
22 42 46 00-0004			Medium Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0005	EA		Chemical Toilet, Medium Tank 13,000 Uses/Year..... <i>For Extra Urinal, Add</i>	4,663.63 152.45	1,121.62
22 42 46 00-0006			Large Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0007	EA		Chemical Toilet, Large Tank 28,000 Uses/Year..... <i>For Extra Urinal, Add</i>	5,654.01 209.45	1,272.30
22 43			Healthcare Plumbing Fixtures (22 40)		
22 43 13			Healthcare Water Closets (22 43)		
22 43 13 00-0001			Healthcare Water Closets (22 43 13)		
22 43 13 00-0002	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	778.59	97.94
22 43 13 00-0003	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA).....	612.57	97.94
22 43 16			Healthcare Sinks (22 43)		
22 43 16 00-0001			Healthcare Sinks (22 43 16) Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA		25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,187.20	63.09
22 43 16 00-0003	EA		29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard).....	1,267.89	181.29
22 43 16 00-0004	EA		28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)..... <i>For Painted Bracket Supports, Add</i>	1,138.33 25.11	63.09
22 43 16 00-0005	EA		20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard).....	991.70	63.09
22 43 16 00-0006			Surgical Scrub Sinks (22 43 16)		
22 43 16 00-0007	EA		25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR)..... Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	3,127.90	141.26

22 Plumbing**22 40 Plumbing Fixtures****22 43 Healthcare Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCS32).....	4,777.64	188.35
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCS32-IR).....	4,777.64	188.35
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCS64).....	6,297.74	235.44
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCS64-IR).....	6,297.74	235.44
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCS96).....	8,206.73	282.52
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCS96-IR).....	8,206.73	282.52
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.				
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846).....	368.11	70.64
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851).....	390.49	75.34
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852).....	425.84	80.05

22 43 39 Healthcare Faucets (22 43)**22 43 39 00-0001 Medical Faucet Spouts (22 43 39)**

22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522).....	99.03	14.13
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22 43 39 00-0003 Centerset Medical Faucets (22 43 39)

22 43 39 00-0004	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04).....	417.81	69.13
22 43 39 00-0005	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04).....	422.33	69.13
22 43 39 00-0006	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04).....	421.87	69.13
22 43 39 00-0007	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04).....	378.93	69.13
22 43 39 00-0008	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04).....	363.56	69.13

22 43 39 00-0009 Electronic Proximity Medical Faucets (22 43 39)

22 43 39 00-0010	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU).....	573.08	69.13
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22 43 39 00-0011 Bedpan Washers (22 43 39)

22 43 39 00-0012	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675).....	980.22	125.63
22 43 39 00-0013	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676).....	932.89	125.63
22 43 39 00-0014	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685).....	918.87	125.63
22 43 39 00-0015	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686).....	905.23	125.63

22 43 39 00-0016 Foot And Knee Faucet Controls (22 43 39)

22 43 39 00-0017	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628).....	330.59	125.63
22 43 39 00-0018	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625).....	380.50	125.63
22 43 39 00-0019	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP).....	765.22	125.63

22 43 43 Healthcare Plumbing Fixture Flushometers (22 43)**22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers (22 43 43)**

22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117).....	224.93	32.11
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW).....	510.14	32.11

22 43 46 Healthcare Patient Care Units (22 43)**22 43 46 00-0001 Patient Care Units (22 43 46)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV) 11,650.09	188.35
		<i>For SDB Single Temperature Dialysis Box, Add</i> 834.82	
		<i>For DDB Dual Temperature Dialysis Box, Add</i> 886.67	
		<i>For BWSEV Bedpan Washer With Elevated Valve, Add</i> 690.89	
		<i>For LOCK Flush Valve Lockout Device, Add</i> 470.56	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB) 9,199.24	164.81
		<i>For SDB Single Temperature Dialysis Box, Add</i> 834.82	
		<i>For DDB Dual Temperature Dialysis Box, Add</i> 886.67	
		<i>For BWSEV Bedpan Washer With Elevated Valve, Add</i> 690.89	
		<i>For LOCK Flush Valve Lockout Device, Add</i> 470.56	

22 43 46 00-0004 Patient Care Plumbing Accessories (22 43 46)

22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920) 1,104.27	25.57
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919) 1,214.97	25.57

22 45 Emergency Plumbing Fixtures (22 45)

22 45 13 Emergency Showers (22 45)

22 45 13 00-0001 Emergency Drench Showers (22 45 13)

22 45 13 00-0002 Emergency Drench Showers (Haws) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122) 597.05	164.81
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123) 680.05	164.81
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC) 726.16	164.81
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130) 864.49	164.81
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H) 1,150.38	164.81
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100) 920.81	188.35
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP) 1,009.39	211.90
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169) 921.78	211.90
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163) 940.22	211.90
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164) 1,286.05	211.90

22 45 13 00-0013 Emergency Drench Showers (Speakman) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220) 516.71	164.81
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227) 530.68	164.81
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253) 812.23	188.35

22 45 13 00-0017 Emergency Drench Showers (Guardian) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0018	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994) 3,319.08	164.81
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22 45 13 00-0019 Emergency Drench Showers (WaterSaver) (22 45 13 00-0001)

Note: Includes one pull rod.

22 45 13 00-0020	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635) 584.91	164.81
22 45 13 00-0021	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643) 596.08	164.81
22 45 13 00-0022	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691) 1,142.82	164.81
22 45 13 00-0023	EA	Emergency Shower, Recess Mounted (WaterSaver ES629) 893.20	211.90
22 45 13 00-0024	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658) 1,145.81	211.90

22 45 16 Eyewash Equipment (22 45)

22 45 16 00-0001 Emergency Eyewash Equipment (22 45 16)

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) (22 45 16 00-0001)

22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620) 249.19	4.71
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP) 1,212.27	211.90

22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) (22 45 16 00-0001)

22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805) 496.46	47.09
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH) 496.46	47.09
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806) 504.92	47.09
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH) 504.92	47.09
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822) 660.22	47.09
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848) 747.70	47.09
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849) 747.70	47.09
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893) 1,357.87	47.09

22 Plumbing**22 40 Plumbing Fixtures****22 45 Emergency Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	1,357.87	47.09
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	1,419.43	47.09
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	1,419.43	47.09
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	1,743.36	47.09
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	1,743.36	47.09
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	967.93	164.81
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	955.99	164.81
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	720.65	164.81
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	968.83	164.81
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	632.04	164.81

22 45 23 Personal Eyewash Equipment (22 45)

22 45 23 00-0001		Portable Eyewash Equipment (22 45 23)		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) (22 45 23 00-0001)		
22 45 23 00-0003	EA	Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H)	1,460.94	14.13

22 45 26 Eye/Face Wash Equipment (22 45)

22 45 26 00-0001		Emergency Eye/Face Wash Equipment (22 45 26)		
22 45 26 00-0002		Emergency Eye/Face Wash Equipment (Haws) (22 45 26 00-0001)		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)	636.60	117.72
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	647.77	164.81
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)	633.94	164.81
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)	688.35	164.81
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)	693.88	164.81
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)	759.36	164.81
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,021.27	164.81
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	1,897.38	164.81
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	791.70	188.35
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	897.75	188.35
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	1,967.52	188.35
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	523.00	47.09
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	504.56	47.09
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	527.61	47.09
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	661.33	47.09
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,632.86	235.44
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	1,958.30	188.35
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,020.19	235.44
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,354.85	188.35

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) (22 45 26 00-0001)

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	574.94	164.81
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	700.44	188.35

22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) (22 45 26 00-0001)

22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	876.39	164.81
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	1,124.58	164.81
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	1,093.03	164.81
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,017.74	164.81
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	521.09	47.09
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	521.09	47.09
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	506.40	47.09
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	506.40	47.09
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	758.74	47.09
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	758.74	47.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 45 29 Hand-Held Emergency Drench Hoses (22 45)

22 45 29 00-0001			Hand-Held Emergency Eye/Face/Body Wash With Hose (22 45 29)		
22 45 29 00-0002			Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)		
22 45 29 00-0003	EA		Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	560.38	58.86
22 45 29 00-0004	EA		Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	643.38	58.86
22 45 29 00-0005			Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) (22 45 29 00-0001)		
22 45 29 00-0006	EA		Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020).....	413.70	58.86
22 45 29 00-0007	EA		Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025).....	384.23	58.86
22 45 29 00-0008	EA		Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014).....	557.65	58.86
22 45 29 00-0009	EA		Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022).....	524.85	58.86
22 45 29 00-0010	EA		Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026).....	536.59	58.86
22 45 29 00-0011	EA		Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028).....	691.25	58.86
22 45 29 00-0012	EA		Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB).....	794.10	58.86
22 45 29 00-0013	EA		Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041).....	759.22	58.86

22 45 33 Combination Emergency Fixture Units (22 45)

22 45 33 00-0001			Emergency Shower With Eye/Face Wash (22 45 33)		
22 45 33 00-0002			Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)		
22 45 33 00-0003	EA		Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	3,309.61	306.07
22 45 33 00-0004	EA		Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP).....	2,258.28	306.07
			Note: Includes freeze protection bury valve.		
22 45 33 00-0005	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,589.68	306.07
22 45 33 00-0006	EA		Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	2,498.06	306.07
22 45 33 00-0007	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	1,847.90	306.07
22 45 33 00-0008	EA		Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	1,741.84	306.07
22 45 33 00-0009	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,497.46	306.07
22 45 33 00-0010	EA		Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	2,415.06	306.07
22 45 33 00-0011	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	2,641.00	306.07
22 45 33 00-0012	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	2,691.72	306.07
22 45 33 00-0013	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	3,000.67	306.07
22 45 33 00-0014	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD).....	3,180.50	306.07
22 45 33 00-0015	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	3,129.78	306.07
22 45 33 00-0016	EA		Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	4,651.43	306.07
22 45 33 00-0017	EA		Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	4,900.43	306.07
22 45 33 00-0018	EA		Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	10,295.39	306.07
22 45 33 00-0019	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,497.46	306.07
22 45 33 00-0020	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	1,686.51	306.07
22 45 33 00-0021			Emergency Shower With Eye/Face Wash (Speakman) (22 45 33 00-0001)		
22 45 33 00-0022	EA		Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	1,327.92	306.07
22 45 33 00-0023			Emergency Shower With Eye/Face Wash (WaterSaver) (22 45 33 00-0001)		
22 45 33 00-0024	EA		All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994).....	3,584.93	255.68
22 45 33 00-0025	EA		Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC).....	3,659.73	255.68
22 45 33 00-0026	EA		Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902).....	1,551.76	255.68

22 Plumbing**22 40 Plumbing Fixtures****22 45 Emergency Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	1,435.40	255.68
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	1,799.95	255.68

22 45 36 Emergency Fixture Water-Tempering Equipment (22 45)

22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment (22 45 36)		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) (22 45 36 00-0001)		
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	592.66	58.86
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	864.71	58.86
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,265.88	58.86
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,491.82	58.86
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,109.70	58.86
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,224.98	58.86
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	3,732.80	58.86
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	4,484.41	58.86
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	661.83	58.86

22 45 39 Emergency Plumbing Fixture Accessories (22 45)

22 45 39 00-0001		Emergency Plumbing Fixture Accessories (22 45 39)		
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) (22 45 39 00-0001)		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	152.95	18.84
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	212.89	18.84
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	222.11	18.84
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	244.68	7.06
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	249.19	4.71
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	272.45	9.41
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFB)	487.09	70.64
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	496.51	31.54
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	736.29	31.54
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	864.71	70.64
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,635.45	31.54
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	1,824.13	105.12
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	1,861.01	105.12
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	3,438.00	105.12
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	6,527.42	105.12
22 45 39 00-0018		Emergency Plumbing Fixture Accessories (Speakman) (22 45 39 00-0001)		
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	845.94	70.64
22 45 39 00-0020		Emergency Plumbing Fixture Accessories (WaterSaver) (22 45 39 00-0001)		
22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	109.44	15.34

22 47 Drinking Fountains And Water Coolers (22 40)**22 47 13 Drinking Fountains (22 47)**

22 47 13 00-0001		Indoor Drinking Fountains (22 47 13)		
22 47 13 00-0002		Face Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,502.71	153.04
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,175.62	164.81
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,969.49	153.04
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,343.72	164.81
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,018.30	153.04
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,213.59	164.81
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,147.43	153.04
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,388.15	164.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 47 13 00-0011			Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0012	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701).....	1,049.93	164.81
22 47 13 00-0013	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF).....	1,476.18	164.81
22 47 13 00-0014	EA		Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8BLWF).....	2,017.15	164.81
22 47 13 00-0015			Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0016	EA		Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801).....	1,400.31	176.57
22 47 13 00-0017	EA		Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C).....	2,958.91	176.57
22 47 13 00-0018			Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0019	EA		Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400).....	1,497.70	188.35
22 47 13 00-0020	EA		Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403).....	2,693.44	188.35
22 47 13 00-0021			Countertop Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0022	EA		Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000).....	630.72	117.72
22 47 13 00-0023	EA		Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000).....	608.21	117.72
22 47 13 00-0024	EA		Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028).....	731.56	117.72
22 47 13 00-0025			Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0026	EA		Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A).....	537.08	117.72
22 47 13 00-0027	EA		Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540).....	641.64	117.72
22 47 13 00-0028			Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0029	EA		Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020).....	2,796.99	188.35
22 47 13 00-0030	EA		Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030).....	3,506.47	188.35
22 47 13 00-0031	EA		Two Station, Marble, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120).....	2,669.94	188.35
22 47 13 00-0032	EA		Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430).....	2,258.55	188.35
22 47 13 00-0033	EA		Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435).....	2,833.00	188.35
22 47 13 00-0034	EA		Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4).....	2,485.67	240.26
22 47 13 00-0035	EA		Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441).....	3,245.37	188.35
22 47 13 00-0036	EA		Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408).....	3,190.10	188.35
22 47 13 00-0037			Outdoor Drinking Fountains (22 47 13)		
22 47 13 00-0038			Face Mounted Outdoor Drinking Fountains (22 47 13 00-0037)		
22 47 13 00-0039	EA		Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR).....	1,312.98	188.35
22 47 13 00-0040	EA		Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEFB-FR).....	1,435.24	188.35
22 47 13 00-0041	EA		Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592).....	1,382.15	188.35
22 47 13 00-0042	EA		Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR).....	2,007.95	188.35
22 47 13 00-0043			Free Standing Outdoor Drinking Fountains (22 47 13 00-0037)		
22 47 13 00-0044	EA		Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715).....	2,452.52	176.57
22 47 13 00-0045	EA		Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR).....	3,428.22	176.57
22 47 13 00-0046	EA		Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710).....	2,449.28	176.57
22 47 13 00-0047	EA		Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR).....	3,365.90	176.57
22 47 13 00-0048	EA		Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720).....	3,627.93	188.35
22 47 13 00-0049	EA		Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR).....	3,693.08	188.35
22 47 13 00-0050	EA		Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591).....	1,397.20	176.57
22 47 13 00-0051	EA		Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590).....	2,381.74	176.57
22 47 13 00-0052	EA		Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR).....	3,357.43	176.57
22 47 13 00-0053	EA		Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595).....	3,947.26	188.35
22 47 13 00-0054	EA		Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR).....	5,522.20	188.35
22 47 16			Pressure Water Coolers (22 47)		
22 47 16 00-0001			Indoor Water Coolers (22 47 16)		
22 47 16 00-0002			Face Mounted Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0003	EA		Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q).....	2,809.89	188.35

22 Plumbing
22 40 Plumbing Fixtures
22 47 Drinking Fountains And Water Coolers



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	2,997.31	188.35
22 47 16 00-0005 Wall Mounted Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,358.02	188.35
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,406.28	188.35
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,557.50	188.35
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,615.42	188.35
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,206.80	188.35
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,391.80	188.35
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,103.04	188.35
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,842.37	282.52
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,639.81	188.35
22 47 16 00-0015 Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q).....	1,612.06	188.35
22 47 16 00-0017 Fully Recessed Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,099.86	211.90
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	3,776.86	211.90
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700).....	4,413.44	211.90
22 47 16 00-0021 Free Standing Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,305.29	164.81
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,399.40	164.81
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,583.60	164.81
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,758.15	164.81
22 47 16 00-0026 Bottled Water Coolers (22 47 16 00-0001)				
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	459.67	94.17
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	546.11	94.17
22 47 16 00-0029 Multi-Station Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,117.28	282.52
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q).....	4,739.68	282.52
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	1,992.78	282.52
22 47 16 00-0033 Outdoor Water Coolers (22 47 16)				
22 47 16 00-0034 Wall Mounted Outdoor Water Coolers (22 47 16 00-0033)				
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS).....	1,392.46	117.72
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS).....	2,378.26	117.72
22 47 16 00-0037 Free Standing Outdoor Water Coolers (22 47 16 00-0033)				
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,294.06	176.57
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q).....	2,744.51	176.57
22 47 16 00-0040 Removal And Reinstallation Of Fixtures And Trim (22 47 16)				
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.				
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler.....	458.17	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	102.27	
22 47 19 Water-Station Water Coolers (22 47)				
22 47 19 00-0001 Bottle Filler (22 47 19)				
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF).....	3,306.77	188.35
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	4,176.21	188.35
		For Stainless Steel Carrier, Add	205.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 47 19 00-0004	EA		Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	5,355.98	211.90
			<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0005	EA		Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	5,784.49	211.90
			<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0006	EA		Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	6,212.99	211.90
			<i>For Stainless Steel Carrier, Add</i>	205.00	

22 47 23 Remote Water Coolers (22 47)

22 47 23 00-0001 Remote Chillers (22 47 23)

22 47 23 00-0002	EA		1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q).....	801.19	63.56
22 47 23 00-0003	EA		5 GPH Remote Chiller (Halsey-Taylor SJ5-Q).....	1,212.67	70.64
22 47 23 00-0004	EA		8 GPH Remote Chiller (Halsey-Taylor SJ8-Q).....	1,046.39	82.40
22 47 23 00-0005	EA		10 GPH Remote Chiller (Halsey-Taylor SJ10-Q).....	1,344.22	94.17
22 47 23 00-0006	EA		19 GPH Remote Chiller (Halsey-Taylor SJ19-Q).....	2,104.41	141.26
22 47 23 00-0007	EA		30 GPH Remote Chiller (Halsey-Taylor SJ30-Q).....	2,281.57	153.04

22 47 26 Fixture Carriers (22 47)

22 47 26 00-0001 Water Cooler Carriers (22 47 26)

22 47 26 00-0002 Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 47 26 00-0003	EA		Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	373.40	35.79
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	16.96	
			<i>For Bi-Level Carrier, Add</i>	200.80	
22 47 26 00-0004	EA		Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	404.09	35.79
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	16.96	
			<i>For Bi-Level Carrier, Add</i>	200.80	

22 50 Pool And Fountain Plumbing Systems (22)

22 51 Swimming Pool Plumbing Systems (22 50)

22 51 13 Swimming Pool Piping (22 51)

22 51 13 00-0001 Swimming Pool Gutters (22 51 13)

22 51 13 00-0002	LF		Swimming Pool Gutters, Stainless.....	259.45	21.19
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22 51 19 Swimming Pool Water Treatment Equipment (22 51)

22 51 19 00-0001 Swimming Pool Heaters (22 51 19)

Note: Excludes wiring, external piping, base or pad. Commercial pools.

22 51 19 00-0002 Electric Pool Heaters (22 51 19 00-0001)

22 51 19 00-0003	EA		12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool.....	5,579.81	188.35
22 51 19 00-0004	EA		18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool.....	6,253.29	202.47
22 51 19 00-0005	EA		24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool.....	6,925.09	235.44
22 51 19 00-0006	EA		30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool.....	7,264.55	282.52
22 51 19 00-0007	EA		36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool.....	7,823.76	395.53
22 51 19 00-0008	EA		60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool.....	8,745.70	565.04

22 51 19 00-0009 Gas Fired Pool Heaters (22 51 19 00-0001)

22 51 19 00-0010	EA		120 MBH Output Gas Fired Pool Heater	4,678.64	885.31
22 51 19 00-0011	EA		180 MBH Output Gas Fired Pool Heater	5,317.02	1,011.78
22 51 19 00-0012	EA		240 MBH Output Gas Fired Pool Heater	6,005.79	1,138.25
22 51 19 00-0013	EA		300 MBH Output Gas Fired Pool Heater	6,946.76	1,391.20
22 51 19 00-0014	EA		360 MBH Output Gas Fired Pool Heater	7,167.99	1,467.46
22 51 19 00-0015	EA		400 MBH Output Gas Fired Pool Heater	8,328.62	1,758.49
22 51 19 00-0016	EA		500 MBH Output Gas Fired Pool Heater	12,821.95	2,029.02
22 51 19 00-0017	EA		600 MBH Output Gas Fired Pool Heater	14,822.07	2,231.92
22 51 19 00-0018	EA		750 MBH Output Gas Fired Pool Heater	16,683.22	2,434.83
22 51 19 00-0019	EA		1,000 MBH Output Gas Fired Pool Heater	21,297.26	2,874.45

22 51 19 00-0020 Surge Tanks (22 51 19)

Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' surge depth for pump.

22 51 19 00-0021	EA		1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	12,905.36	723.10
22 51 19 00-0022	EA		1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	14,394.77	723.10
22 51 19 00-0023	EA		2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	17,370.29	903.52
22 51 19 00-0024	EA		5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	23,272.47	1,458.20

22 51 19 00-0025 Diatomite Type Filter System (22 51 19)

22 51 19 00-0026	EA		35,000 Gallon Filter System, Diatomite	13,905.19	2,568.21
22 51 19 00-0027	EA		45,000 Gallon Filter System, Diatomite	16,530.25	3,081.84

22 51 19 00-0028 Silver Recovery System, X-Ray Film Processing (22 51 19)

22 Plumbing
22 50 Pool And Fountain Plumbing Systems
22 51 Swimming Pool Plumbing Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0029	EA		20 Gallon/Day Capacity, Silver Recovery System	2,391.02	319.60
22 51 19 00-0030	EA		40 Gallon/Day Capacity, Silver Recovery System	3,559.61	426.17
22 51 19 00-0031			Inline Water Filter <small>(22 51 19)</small> Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0032	EA		2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....	282.67	94.17
22 51 19 00-0033	EA		6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body.....	575.07	141.26
22 51 19 00-0034			Ultra-Violet Pool Treatment Lights <small>(22 51 19)</small>		
22 51 19 00-0035			Stainless Steel Ultra-Violet Pool Treatment Lights <small>(22 51 19 00-0034)</small> Note: Delta ELP Amalgam Series		
22 51 19 00-0036	EA		3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	9,191.04	293.62
22 51 19 00-0037	EA		3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	9,709.97	293.62
22 51 19 00-0038	EA		3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	10,154.77	293.62
22 51 19 00-0039	EA		4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	10,479.30	310.91
22 51 19 00-0040	EA		4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	10,699.73	310.91
22 51 19 00-0041	EA		4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	12,701.28	310.91
22 51 19 00-0042	EA		6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	15,055.64	543.95
22 51 19 00-0043	EA		6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	22,217.50	543.95
22 51 19 00-0044	EA		6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	24,369.14	543.95
22 51 19 00-0045	EA		8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	26,161.55	652.57
22 51 19 00-0046	EA		8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	28,078.12	652.57
22 51 19 00-0047	EA		8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	29,416.12	652.57
22 51 19 00-0048	EA		8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	30,862.59	652.57
22 51 19 00-0049	EA		10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	33,166.52	741.76
22 51 19 00-0050	EA		10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	35,697.86	741.76
22 51 19 00-0051	EA		10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	38,229.19	741.76
22 51 19 00-0052	EA		10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	41,302.95	741.76
22 51 19 00-0053			HDPE Ultra-Violet Pool Treatment Lights <small>(22 51 19 00-0034)</small> Note: Delta EL Series		
22 51 19 00-0054	EA		3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	4,643.71	293.62
22 51 19 00-0055	EA		3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	5,149.96	293.62
22 51 19 00-0056	EA		4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	5,682.28	310.91
22 51 19 00-0057			In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights <small>(22 51 19 00-0034)</small> Note: Delta EM Series		
22 51 19 00-0058	EA		3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,661.97	293.62
22 51 19 00-0059	EA		3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,842.76	293.62
22 51 19 00-0060	EA		6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	19,132.91	543.95
22 51 19 00-0061	EA		6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	24,173.86	543.95
22 51 19 00-0062	EA		8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	33,683.21	652.57
22 51 19 00-0063	EA		10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	38,012.22	741.76
22 51 19 00-0064	EA		12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	44,852.49	959.87
22 51 19 00-0065	EA		12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	50,276.76	959.87
22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities <small>(22)</small>					
22 63 Gas Systems For Laboratory And Healthcare Facilities <small>(22 60)</small>					
22 63 13 Gas Piping For Laboratory And Healthcare Facilities <small>(22 63)</small>					
22 63 13 53 Laboratory Gas Piping <small>(22 63 13)</small>			See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2177 for PVC piping.		
22 63 13 70 Healthcare Gas Piping <small>(22 63 13)</small>					
22 63 13 70-0001			Zone Valve Assemblies <small>(22 63 13 70)</small>		
22 63 13 70-0002			Single Zone Valve Assemblies <small>(22 63 13 70-0001)</small>		
22 63 13 70-0003	EA		1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	315.15	74.78
22 63 13 70-0004	EA		3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	337.36	81.09
22 63 13 70-0005	EA		1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	358.90	86.27
22 63 13 70-0006	EA		1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	401.99	94.17
22 63 13 70-0007	EA		1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	455.67	99.92
22 63 13 70-0008	EA		2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	555.71	107.83
22 63 13 70-0009			Double Zone Valve Assemblies <small>(22 63 13 70-0001)</small>		
22 63 13 70-0010	EA		1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505).....	450.77	107.17
22 63 13 70-0011	EA		1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507).....	472.99	113.48
22 63 13 70-0012	EA		1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510).....	498.41	118.57
22 63 13 70-0013	EA		1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512).....	547.99	126.57
22 63 13 70-0014	EA		1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515).....	608.15	132.32
22 63 13 70-0015	EA		3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707).....	493.91	119.79
22 63 13 70-0016	EA		3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710).....	519.32	124.97
22 63 13 70-0017	EA		3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712).....	570.20	132.88
22 63 13 70-0018	EA		3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715).....	605.74	138.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 63 13 70-0019	EA		1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010).....	539.57	130.06
22 63 13 70-0020	EA		1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012).....	572.29	138.06
22 63 13 70-0021	EA		1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015).....	628.57	143.81
22 63 13 70-0022	EA		1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212).....	651.68	145.97
22 63 13 70-0023	EA		1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215).....	676.84	151.81
22 63 13 70-0024	EA		1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515).....	737.01	157.55

22 63 13 70-0025 Triple Zone Valve Assemblies (22 63 13 70-0001)

22 63 13 70-0026	EA		1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505).....	609.73	139.47
22 63 13 70-0027	EA		1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507).....	631.95	145.88
22 63 13 70-0028	EA		1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510).....	657.37	150.97
22 63 13 70-0029	EA		1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512).....	708.24	158.96
22 63 13 70-0030	EA		1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515).....	769.71	164.72
22 63 13 70-0031	EA		1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707).....	655.47	152.18
22 63 13 70-0032	EA		1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710).....	680.88	157.27
22 63 13 70-0033	EA		1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712).....	730.46	165.28
22 63 13 70-0034	EA		1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715).....	791.92	171.02
22 63 13 70-0035	EA		1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010).....	706.31	162.45
22 63 13 70-0036	EA		1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012).....	755.88	170.46
22 63 13 70-0037	EA		1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015).....	817.34	176.20
22 63 13 70-0038	EA		3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707).....	677.68	158.50
22 63 13 70-0039	EA		3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710).....	703.09	163.68
22 63 13 70-0040	EA		3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712).....	752.68	171.58
22 63 13 70-0041	EA		3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715).....	814.14	177.33
22 63 13 70-0042	EA		3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010).....	728.51	168.76
22 63 13 70-0043	EA		3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012).....	778.10	176.76
22 63 13 70-0044	EA		3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015).....	838.27	182.51
22 63 13 70-0045	EA		1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101010).....	720.24	173.94
22 63 13 70-0046	EA		1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012).....	768.52	181.85
22 63 13 70-0047	EA		1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015).....	864.97	187.69

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities (22 60)

22 66 53 Laboratory Chemical-Waste And Vent Piping (22 66)

22 66 53 00-0001			Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)		
22 66 53 00-0002			Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fusal Fittings (22 66 53 00-0001)		
22 66 53 00-0003			Schedule 40 Polypropylene Acid Resistant DWV Pipe (22 66 53 00-0002)		
22 66 53 00-0004	LF		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	17.27	5.37
			For Schedule 80, Add	4.77	
			For Fire Retardant Thermoplastic Pipe (Proxylene), Add	4.09	
			For Work In Restricted Working Space, Add	2.43	
22 66 53 00-0005	LF		2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	21.51	6.02
			For Schedule 80, Add	6.45	
			For Fire Retardant Thermoplastic Pipe (Proxylene), Add	5.52	
			For Work In Restricted Working Space, Add	2.73	
22 66 53 00-0006	LF		3" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	35.59	8.76
			For Schedule 80, Add	11.65	
			For Fire Retardant Thermoplastic Pipe (Proxylene), Add	9.97	
			For Work In Restricted Working Space, Add	3.95	
22 66 53 00-0007	LF		4" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	48.93	11.40
			For Schedule 80, Add	16.54	
			For Fire Retardant Thermoplastic Pipe (Proxylene), Add	14.16	
			For Work In Restricted Working Space, Add	5.14	
22 66 53 00-0008	LF		6" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	82.45	16.77
			For Schedule 80, Add	29.82	
			For Fire Retardant Thermoplastic Pipe (Proxylene), Add	25.52	
			For Work In Restricted Working Space, Add	7.53	
22 66 53 00-0009			Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bends (22 66 53 00-0002)		
22 66 53 00-0010	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bend.....	67.38	20.25
			For Work In Restricted Working Space, Add	9.11	
22 66 53 00-0011	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bend.....	86.04	26.74
			For Work In Restricted Working Space, Add	12.02	
22 66 53 00-0012	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bend.....	123.98	30.61
			For Work In Restricted Working Space, Add	13.78	
22 66 53 00-0013	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bend.....	184.99	40.49
			For Work In Restricted Working Space, Add	18.23	
22 66 53 00-0014	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/4 Bend.....	395.00	59.80
			For Work In Restricted Working Space, Add	26.91	
22 66 53 00-0015			Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/8 Bends (22 66 53 00-0002)		
22 66 53 00-0016	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/8 Bend.....	66.75	20.25
			For Work In Restricted Working Space, Add	9.11	
22 66 53 00-0017	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/8 Bend.....	84.37	26.74
			For Work In Restricted Working Space, Add	12.02	
22 66 53 00-0018	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fusal 1/8 Bend.....	127.17	30.61
			For Work In Restricted Working Space, Add	13.78	

22 Plumbing

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 66 53 00-0019	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	152.88 18.23	40.49
22 66 53 00-0020	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	345.24 26.91	59.80
22 66 53 00-0021	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0022	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	110.92 19.49	43.32
22 66 53 00-0023	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	136.96 24.57	54.62
22 66 53 00-0024	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	199.87 26.91	59.80
22 66 53 00-0025	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	282.71 35.32	78.54
22 66 53 00-0026	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	516.48 56.51	125.63
22 66 53 00-0027	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0028	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	136.89 24.57	54.62
22 66 53 00-0029	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	192.18 26.91	59.80
22 66 53 00-0030	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	185.34 26.91	59.80
22 66 53 00-0031	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	265.17 35.32	78.54
22 66 53 00-0032	EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	271.79 35.32	78.54
22 66 53 00-0033	EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	467.65 56.51	125.63
22 66 53 00-0034	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug <small>(22 66 53 00-0002)</small>		
22 66 53 00-0035	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	133.36 19.49	43.32
22 66 53 00-0036	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	142.39 24.57	54.62
22 66 53 00-0037	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	216.48 26.91	59.80
22 66 53 00-0038	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	290.37 35.32	78.54
22 66 53 00-0039	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	421.79 56.51	125.63
22 66 53 00-0040	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0041	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	123.52 19.49	43.32
22 66 53 00-0042	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	148.63 24.57	54.62
22 66 53 00-0043	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	206.82 26.91	59.80
22 66 53 00-0044	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	288.47 35.32	78.54
22 66 53 00-0045	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	621.83 56.51	125.63
22 66 53 00-0046	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0047	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	164.05 24.57	54.62
22 66 53 00-0048	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	198.91 26.91	59.80
22 66 53 00-0049	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	198.91 26.91	59.80
22 66 53 00-0050	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	281.64 35.32	78.54
22 66 53 00-0051	EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	281.64 35.32	78.54
22 66 53 00-0052	EA 6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	531.08 56.51	125.63
22 66 53 00-0053	EA 6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	536.40 56.51	125.63
22 66 53 00-0054	EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye <i>For Work In Restricted Working Space, Add</i>	469.88 56.51	125.63
22 66 53 00-0055	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses <small>(22 66 53 00-0002)</small>		
22 66 53 00-0056	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross <i>For Work In Restricted Working Space, Add</i>	153.25 24.36	54.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0057 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	188.70 30.71	68.27
22 66 53 00-0058 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	284.83 33.63	74.78
22 66 53 00-0059 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	405.78 44.14	98.13
22 66 53 00-0060 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	749.82 70.63	156.99
22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0062 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	106.81 19.49	43.32
22 66 53 00-0063 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	143.05 24.57	54.62
22 66 53 00-0064 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	167.95 26.91	59.80
22 66 53 00-0065 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	239.42 35.32	78.54
22 66 53 00-0066 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	124.85 24.57	54.62
22 66 53 00-0067 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	160.63 26.91	59.80
22 66 53 00-0068 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	163.57 26.91	59.80
22 66 53 00-0069 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	228.53 35.32	78.54
22 66 53 00-0070 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	230.39 35.32	78.54
22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps <small>(22 66 53 00-0002)</small>		
22 66 53 00-0072 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	127.85 22.60	50.29
22 66 53 00-0073 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	171.37 29.74	66.11
22 66 53 00-0074 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	276.63 40.36	89.75
22 66 53 00-0075 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	410.01 51.37	114.24
22 66 53 00-0076 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters <small>(22 66 53 00-0002)</small>		
22 66 53 00-0077 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	65.64 9.11	20.25
22 66 53 00-0078 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	76.82 12.02	26.74
22 66 53 00-0079 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	91.43 13.78	30.61
22 66 53 00-0080 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	126.31 18.23	40.49
22 66 53 00-0081 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	187.87 26.91	59.80
22 66 53 00-0082 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters <small>(22 66 53 00-0002)</small>		
22 66 53 00-0083 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	61.21 9.11	20.25
22 66 53 00-0084 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	80.17 12.02	26.74
22 66 53 00-0085 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	97.56 13.78	30.61
22 66 53 00-0086 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	132.33 18.23	40.49
22 66 53 00-0087 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings <small>(22 66 53 00-0002)</small>		
22 66 53 00-0088 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	55.71 9.11	20.25
22 66 53 00-0089 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	70.28 12.02	26.74
22 66 53 00-0090 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	82.62 13.78	30.61
22 66 53 00-0091 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	109.25 18.23	40.49
22 66 53 00-0092 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	160.18 26.91	59.80
22 66 53 00-0093 Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
22 66 53 00-0094 Glass Acid Resistant DWV Pipe <small>(22 66 53 00-0093)</small>		
22 66 53 00-0095 LF 1-1/2" Glass Acid Resistant DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	24.13 3.11	5.18

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0096	LF		2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	30.06 3.39	5.65
22 66 53 00-0097	LF		3" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	41.63 4.76	7.92
22 66 53 00-0098	LF		4" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	67.40 6.17	10.27
22 66 53 00-0099	LF		6" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	112.01 8.41	14.03
22 66 53 00-0100			Glass Acid Resistant DWV 90 Or 60 Degree Sweeps (22 66 53 00-0093)		
22 66 53 00-0101	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	75.35 13.82	23.07
22 66 53 00-0102	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	85.86 14.66	24.48
22 66 53 00-0103	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	116.49 16.67	27.78
22 66 53 00-0104	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	170.73 22.04	36.73
22 66 53 00-0105	EA		6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	398.18 30.51	50.85
22 66 53 00-0106			Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps (22 66 53 00-0093)		
22 66 53 00-0107	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	75.55 13.88	23.16
22 66 53 00-0108	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	85.49 14.55	24.20
22 66 53 00-0109	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	116.30 16.61	27.69
22 66 53 00-0110	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	170.73 22.04	36.73
22 66 53 00-0111	EA		6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	398.17 30.51	50.85
22 66 53 00-0112			Glass Acid Resistant DWV 90 Or 60 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0113	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	76.35 13.88	23.16
22 66 53 00-0114	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	86.45 14.55	24.20
22 66 53 00-0115	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	117.98 16.61	27.69
22 66 53 00-0116	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	170.73 22.04	36.73
22 66 53 00-0117			Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0118	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	76.35 13.88	23.16
22 66 53 00-0119	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	86.45 14.55	24.20
22 66 53 00-0120	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	117.98 16.61	27.69
22 66 53 00-0121	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	170.73 22.04	36.73
22 66 53 00-0122			Glass Acid Resistant DWV 90 Degree Bends With Long Leg (22 66 53 00-0093)		
22 66 53 00-0123	EA		1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg <i>For Work In Restricted Working Space, Add</i>	87.77 13.88	23.16
22 66 53 00-0124	EA		2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg <i>For Work In Restricted Working Space, Add</i>	102.86 14.55	24.20
22 66 53 00-0125			Glass Acid Resistant DWV Double Quarter Bends (22 66 53 00-0093)		
22 66 53 00-0126	EA		1-1/2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	121.73 20.81	34.66
22 66 53 00-0127	EA		2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	151.02 21.53	35.88
22 66 53 00-0128	EA		2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	141.45 21.83	36.35
22 66 53 00-0129	EA		3" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	189.56 24.92	41.53
22 66 53 00-0130	EA		4" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	309.28 33.05	55.10
22 66 53 00-0131	EA		6" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	472.19 45.78	76.28
22 66 53 00-0132			Glass Acid Resistant DWV Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0133	EA		1-1/2" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	116.93 20.91	34.84
22 66 53 00-0134	EA		2" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	119.76 21.76	36.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0135 EA 3" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	153.33 24.86	41.44
22 66 53 00-0136 EA 4" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	236.60 33.05	55.10
22 66 53 00-0137 EA 6" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	491.23 45.77	76.28
22 66 53 00-0138 Glass Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0139 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	118.81 21.47	35.79
22 66 53 00-0140 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	140.46 23.45	39.08
22 66 53 00-0141 EA 3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	148.82 24.02	40.02
22 66 53 00-0142 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	191.23 29.10	48.50
22 66 53 00-0143 EA 4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	199.94 29.38	48.97
22 66 53 00-0144 EA 4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	209.73 30.23	50.38
22 66 53 00-0145 EA 6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	363.89 37.86	63.09
22 66 53 00-0146 EA 6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	391.54 38.71	64.51
22 66 53 00-0147 EA 6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	402.31 41.53	69.22
22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0149 EA 1-1/2" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	164.76 27.69	46.14
22 66 53 00-0150 EA 2" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	169.45 29.10	48.50
22 66 53 00-0151 EA 3" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	217.61 33.34	55.56
22 66 53 00-0152 EA 4" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	350.97 44.07	73.45
22 66 53 00-0153 EA 6" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	619.60 61.03	101.70
22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0155 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	167.57 28.53	47.56
22 66 53 00-0156 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	192.58 30.51	50.85
22 66 53 00-0157 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	203.03 31.08	51.80
22 66 53 00-0158 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	291.98 35.88	59.80
22 66 53 00-0159 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	289.67 36.73	61.21
22 66 53 00-0160 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	310.62 38.71	64.51
22 66 53 00-0161 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	409.49 45.20	75.34
22 66 53 00-0162 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	444.54 47.18	78.63
22 66 53 00-0163 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	503.14 52.54	87.58
22 66 53 00-0164 Glass Acid Resistant DWV Tees (22 66 53 00-0093)		
22 66 53 00-0165 EA 1-1/2" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	128.14 20.91	34.84
22 66 53 00-0166 EA 2" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	130.95 21.75	36.26
22 66 53 00-0167 EA 3" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	167.26 24.86	41.44
22 66 53 00-0168 EA 4" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	258.44 33.05	55.10
22 66 53 00-0169 EA 6" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	517.43 45.78	76.28
22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees (22 66 53 00-0093)		
22 66 53 00-0171 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	130.00 21.47	35.79
22 66 53 00-0172 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	152.15 23.45	39.08
22 66 53 00-0173 EA 3" x 2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	155.71 24.02	40.02
22 66 53 00-0174 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	193.80 29.10	48.50
22 66 53 00-0175 EA 4" x 2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	198.73 29.38	48.97

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 66 53 00-0176	EA 4" x 3" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	236.01 30.24	50.38
22 66 53 00-0177	EA 6" x 3" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	439.57 38.70	64.51
22 66 53 00-0178	EA 6" x 4" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	458.50 41.52	69.22
22 66 53 00-0179	Glass Acid Resistant DWV Test Tees With Cleanout (22 66 53 00-0093)		
22 66 53 00-0180	EA 1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	147.36 20.91	34.84
22 66 53 00-0181	EA 2" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	163.54 21.75	36.26
22 66 53 00-0182	EA 3" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	208.34 24.86	41.44
22 66 53 00-0183	EA 4" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	352.04 33.05	55.10
22 66 53 00-0184	EA 6" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	517.43 45.78	76.28
22 66 53 00-0185	Glass Acid Resistant DWV Wyes (22 66 53 00-0093)		
22 66 53 00-0186	EA 1-1/2" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	119.34 20.91	34.84
22 66 53 00-0187	EA 2" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	122.15 21.75	36.26
22 66 53 00-0188	EA 3" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	162.94 24.86	41.44
22 66 53 00-0189	EA 4" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	247.31 33.05	55.10
22 66 53 00-0190	EA 6" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	483.88 45.78	76.28
22 66 53 00-0191	Glass Acid Resistant DWV Reducing Wyes (22 66 53 00-0093)		
22 66 53 00-0192	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	121.20 21.47	35.79
22 66 53 00-0193	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	145.42 23.45	39.08
22 66 53 00-0194	EA 3" x 2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	149.38 24.02	40.02
22 66 53 00-0195	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	200.85 29.10	48.50
22 66 53 00-0196	EA 4" x 2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	202.73 29.38	48.97
22 66 53 00-0197	EA 4" x 3" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	219.20 30.24	50.38
22 66 53 00-0198	EA 6" x 2" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	353.46 37.85	63.09
22 66 53 00-0199	EA 6" x 3" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	406.26 38.70	64.51
22 66 53 00-0200	EA 6" x 4" Glass Acid Resistant DWV Reducing Wye <i>For Work In Restricted Working Space, Add</i>	441.20 41.52	69.22
22 66 53 00-0201	Glass Acid Resistant DWV Double Wyes (22 66 53 00-0093)		
22 66 53 00-0202	EA 1-1/2" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	188.92 27.69	46.14
22 66 53 00-0203	EA 2" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	193.64 29.10	48.50
22 66 53 00-0204	EA 3" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	255.14 33.33	55.56
22 66 53 00-0205	EA 4" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	389.30 44.06	73.45
22 66 53 00-0206	EA 6" Glass Acid Resistant DWV Double Wye <i>For Work In Restricted Working Space, Add</i>	640.34 61.05	101.70
22 66 53 00-0207	Glass Acid Resistant DWV Reducing Double Wyes (22 66 53 00-0093)		
22 66 53 00-0208	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	191.72 28.53	47.56
22 66 53 00-0209	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	198.33 30.51	50.85
22 66 53 00-0210	EA 3" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	226.47 31.07	51.80
22 66 53 00-0211	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	276.96 35.89	59.80
22 66 53 00-0212	EA 4" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	291.60 36.73	61.21
22 66 53 00-0213	EA 4" x 3" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	339.97 38.70	64.51
22 66 53 00-0214	EA 6" x 2" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	516.06 45.19	75.34
22 66 53 00-0215	EA 6" x 3" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	541.48 47.18	78.63
22 66 53 00-0216	EA 6" x 4" Glass Acid Resistant DWV Reducing Double Wye <i>For Work In Restricted Working Space, Add</i>	580.29 52.55	87.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0218	EA 1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	132.01 20.91
22 66 53 00-0219	EA 2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	135.36 21.75
22 66 53 00-0220	EA 3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	170.79 24.86
22 66 53 00-0221	EA 4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	251.40 33.05
22 66 53 00-0222	EA 6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	472.43 45.78
22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0224	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	134.41 21.47
22 66 53 00-0225	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	147.42 23.45
22 66 53 00-0226	EA 3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	157.39 24.02
22 66 53 00-0227	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	196.05 29.10
22 66 53 00-0228	EA 4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	203.77 29.38
22 66 53 00-0229	EA 4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	220.40 30.24
22 66 53 00-0230	EA 6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	354.18 37.85
22 66 53 00-0231	EA 6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	399.30 38.70
22 66 53 00-0232	EA 6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	409.18 41.52
22 66 53 00-0233 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0234	EA 1-1/2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	176.91 27.69
22 66 53 00-0235	EA 2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	203.73 29.10
22 66 53 00-0236	EA 3" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	270.35 33.33
22 66 53 00-0237	EA 4" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	424.68 44.06
22 66 53 00-0238	EA 6" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	696.82 61.05
22 66 53 00-0239 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0240	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	181.56 28.53
22 66 53 00-0241	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	226.68 30.51
22 66 53 00-0242	EA 3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	223.91 31.07
22 66 53 00-0243	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	296.66 35.89
22 66 53 00-0244	EA 4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	294.72 36.73
22 66 53 00-0245	EA 4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	328.84 38.70
22 66 53 00-0246	EA 6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	464.47 45.19
22 66 53 00-0247	EA 6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	494.25 47.18
22 66 53 00-0248	EA 6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	574.69 52.55
22 66 53 00-0249 Glass Acid Resistant DWV Partition Crosses (Compact) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0250	EA 2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	197.57 28.53
22 66 53 00-0251	EA 2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	199.49 29.10
22 66 53 00-0252	EA 2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	211.54 28.25
22 66 53 00-0253 Glass Acid Resistant DWV Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0254	EA 1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	189.31 20.91
22 66 53 00-0255	EA 2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	207.73 21.75

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 66 53 00-0256	EA 3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	238.92 24.86	41.44
22 66 53 00-0257	EA 4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	348.27 33.05	55.10
22 66 53 00-0258	EA 6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	643.13 45.78	76.28
22 66 53 00-0259	Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) (22 66 53 00-0093)		
22 66 53 00-0260	EA 2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	190.69 21.47	35.79
22 66 53 00-0261	EA 3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	217.00 23.45	39.08
22 66 53 00-0262	EA 3" x 2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	230.49 24.02	40.02
22 66 53 00-0263	EA 4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	268.10 29.10	48.50
22 66 53 00-0264	EA 4" x 2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	282.87 29.38	48.97
22 66 53 00-0265	EA 4" x 3" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	309.43 30.24	50.38
22 66 53 00-0266	EA 6" x 3" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	442.85 38.70	64.51
22 66 53 00-0267	EA 6" x 4" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	502.85 41.52	69.22
22 66 53 00-0268	Glass Acid Resistant DWV Reducers Or Increases (22 66 53 00-0093)		
22 66 53 00-0269	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.71 2.05 14.13	23.55
22 66 53 00-0270	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.88 3.04 15.26	25.43
22 66 53 00-0271	EA 3" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.39 3.41 15.54	25.90
22 66 53 00-0272	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.76 4.76 18.08	30.13
22 66 53 00-0273	EA 4" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.38 5.05 18.36	30.61
22 66 53 00-0274	EA 4" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.33 5.46 19.21	32.02
22 66 53 00-0275	EA 6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	247.33 13.83 22.32	37.20
22 66 53 00-0276	EA 6" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	259.24 14.71 22.60	37.67
22 66 53 00-0277	EA 6" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	274.63 15.72 23.45	39.08
22 66 53 00-0278	EA 6" x 4" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	289.73 16.17 26.27	43.79
22 66 53 00-0279	Glass Acid Resistant DWV Swivel P-Traps (22 66 53 00-0093)		
22 66 53 00-0280	EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	159.84 20.91	34.84
22 66 53 00-0281	EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	170.29 21.47	35.79
22 66 53 00-0282	EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	189.25 21.76	36.26
22 66 53 00-0283	EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	171.53 20.91	34.84
22 66 53 00-0284	EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	185.18 21.47	35.79
22 66 53 00-0285	EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	206.06 21.76	36.26
22 66 53 00-0286	EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	174.73 20.91	34.84
22 66 53 00-0287	EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	185.18 21.47	35.79
22 66 53 00-0288	EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	206.06 21.76	36.26
22 66 53 00-0289	Glass Acid Resistant DWV Drum P-Traps (22 66 53 00-0093)		
22 66 53 00-0290	EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	211.08 20.91	34.84
22 66 53 00-0291	EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	261.32 21.47	35.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0292 EA 2" Glass Acid Resistant DWV Drum P-Trap <i>For Work In Restricted Working Space, Add</i>	268.67 21.76	36.26
22 66 53 00-0293 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap <i>For Work In Restricted Working Space, Add</i>	230.53 20.91	34.84
22 66 53 00-0294 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap <i>For Work In Restricted Working Space, Add</i>	243.78 21.47	35.79
22 66 53 00-0295 EA 2" Glass Acid Resistant DWV Drum P-Trap <i>For Work In Restricted Working Space, Add</i>	272.43 21.76	36.26
22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs (22 66 53 00-0093)		
22 66 53 00-0297 EA 1-1/2" Glass Acid Resistant DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	35.48 7.07	11.77
22 66 53 00-0298 EA 2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	39.53 7.34	12.24
22 66 53 00-0299 EA 3" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	48.85 8.19	13.66
22 66 53 00-0300 EA 4" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	75.48 11.02	18.37
22 66 53 00-0301 EA 6" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	107.45 15.26	25.43
22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings (22 66 53 00-0093)		
22 66 53 00-0303 EA 1-1/2" Glass Acid Resistant DWV Interceptor Trap..... <i>For Work In Restricted Working Space, Add</i>	434.23 27.69	46.14
22 66 53 00-0304 EA 1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly <i>For Work In Restricted Working Space, Add</i>	45.73 7.07	11.77
22 66 53 00-0305 EA 1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly <i>For Work In Restricted Working Space, Add</i>	49.97 7.07	11.77
22 66 53 00-0306 EA 1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	73.35 14.13	23.55
22 66 53 00-0307 EA 3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	136.64 14.69	24.48
22 66 53 00-0308 EA 6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	138.24 14.69	24.48
22 66 53 00-0309 EA 3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	154.25 14.69	24.48
22 66 53 00-0310 EA 3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	127.99 14.69	24.48
22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters (22 66 53 00-0093)		
Note: Includes teflon spacer.		
22 66 53 00-0312 EA 1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	128.90 20.85	34.75
22 66 53 00-0313 EA 2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	134.62 21.87	36.45
22 66 53 00-0314 EA 3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	181.56 24.92	41.53
22 66 53 00-0315 EA 4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	256.86 33.08	55.19
22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings (22 66 53 00-0093)		
Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.		
22 66 53 00-0317 EA 1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	20.10	
22 66 53 00-0318 EA 2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	25.35	
22 66 53 00-0319 EA 3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	33.89	
22 66 53 00-0320 EA 4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	57.11	
22 66 53 00-0321 EA 6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping.....	133.04	
22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings (22 66 53 00-0093)		
Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323 EA 1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	25.91	
22 66 53 00-0324 EA 2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	32.42	
22 66 53 00-0325 EA 3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	55.06	
22 66 53 00-0326 EA 4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	82.06	
22 66 53 00-0327 EA 6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	200.09	
22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)		
Note: Acid resistant. ASTM A518.		
22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe (22 66 53 00-0328)		
22 66 53 00-0330 LF 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	87.32	8.38
22 66 53 00-0331 LF 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	122.76	10.45
22 66 53 00-0332 LF 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	166.79	12.06
22 66 53 00-0333 LF 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	273.23	16.77

22 Plumbing

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	481.47		22.50
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	850.37		28.37
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,515.16		38.21
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,696.34		43.82
22 66 53 00-0338		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0328)</small>			
22 66 53 00-0339		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0338)</small>			
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	353.09		71.38
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	459.97		78.54
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	743.45		93.99
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,102.34		110.79
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	2,526.18		180.77
22 66 53 00-0345		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0338)</small>			
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	208.84		71.38
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	270.46		78.54
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	338.97		93.99
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	873.89		110.79
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,987.91		180.77
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,014.45		225.21
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,421.15		270.83
22 66 53 00-0353		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0338)</small>			
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	208.84		71.38
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	270.46		78.54
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	338.97		93.99
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	646.95		110.79
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,688.10		180.77
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,463.32		225.21
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,488.17		270.83
22 66 53 00-0361		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0338)</small>			
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	208.84		71.38
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	270.46		78.54
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	338.74		93.89
22 66 53 00-0365		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps <small>(22 66 53 00-0338)</small>			
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	282.38		71.38
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	493.91		78.54
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	553.94		93.99
22 66 53 00-0369		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees <small>(22 66 53 00-0338)</small>			
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	295.93		106.79
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	369.83		118.38
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	511.78		141.35
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	843.59		166.49
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	2,559.36		271.37
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,629.19		338.85
22 66 53 00-0376		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees <small>(22 66 53 00-0338)</small>			
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	277.96		102.37
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	323.21		109.90
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	360.07		113.76
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	411.80		125.63
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	440.44		129.58
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	482.85		133.45
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	598.32		144.07
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	662.83		147.77
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	740.88		154.57
22 66 53 00-0386		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees <small>(22 66 53 00-0338)</small>			
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	335.48		106.79
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	403.30		118.10
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	548.51		141.35
22 66 53 00-0390		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees <small>(22 66 53 00-0338)</small>			
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	317.53		102.37
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	394.80		114.33
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	474.92		129.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0394 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	508.90	133.82
22 66 53 00-0395 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0398)</small>		
22 66 53 00-0396 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	293.30	106.98
22 66 53 00-0397 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	400.94	118.38
22 66 53 00-0398 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	511.61	141.26
22 66 53 00-0399 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	848.29	165.87
22 66 53 00-0400 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	3,198.18	271.10
22 66 53 00-0401 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0398)</small>		
22 66 53 00-0402 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	300.56	102.37
22 66 53 00-0403 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	323.16	109.90
22 66 53 00-0404 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	341.26	114.43
22 66 53 00-0405 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	380.69	125.63
22 66 53 00-0406 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	395.40	129.77
22 66 53 00-0407 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	472.13	133.82
22 66 53 00-0408 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	629.24	144.24
22 66 53 00-0409 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	744.85	147.77
22 66 53 00-0410 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	777.65	154.57
22 66 53 00-0411 EA 8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,886.43	218.71
22 66 53 00-0412 EA 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	2,035.85	225.94
22 66 53 00-0413 EA 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	2,485.87	237.50
22 66 53 00-0414 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0398)</small>		
22 66 53 00-0415 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	346.73	106.79
22 66 53 00-0416 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	411.78	118.10
22 66 53 00-0417 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	605.08	141.35
22 66 53 00-0418 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	922.14	166.04
22 66 53 00-0419 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0398)</small>		
22 66 53 00-0420 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	289.25	102.37
22 66 53 00-0421 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	334.47	109.90
22 66 53 00-0422 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	369.34	114.33
22 66 53 00-0423 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	400.49	125.63
22 66 53 00-0424 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	460.78	129.97
22 66 53 00-0425 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	520.16	133.73
22 66 53 00-0426 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	665.95	144.24
22 66 53 00-0427 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	826.94	147.86
22 66 53 00-0428 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	905.31	154.84
22 66 53 00-0429 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers <small>(22 66 53 00-0398)</small>		
22 66 53 00-0430 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	179.99	67.24
22 66 53 00-0431 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	196.93	71.01
22 66 53 00-0432 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	219.55	74.78
22 66 53 00-0433 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	347.75	82.88
22 66 53 00-0434 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	364.73	86.74
22 66 53 00-0435 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	393.17	92.43
22 66 53 00-0436 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	508.40	99.49
22 66 53 00-0437 EA 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	737.82	135.60
22 66 53 00-0438 EA 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	786.17	147.07
22 66 53 00-0439 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers <small>(22 66 53 00-0398)</small>		
22 66 53 00-0440 EA 2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	478.69	156.99
22 66 53 00-0441 EA 2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	625.77	156.99
22 66 53 00-0442 EA 3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	638.97	156.99
22 66 53 00-0443 EA 4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	719.10	206.13
22 66 53 00-0444 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps <small>(22 66 53 00-0398)</small>		
22 66 53 00-0445 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	519.97	71.38
22 66 53 00-0446 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	626.85	78.54
22 66 53 00-0447 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	763.25	93.99
22 66 53 00-0448 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	2,228.08	110.79
22 66 53 00-0449 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs <small>(22 66 53 00-0398)</small>		
22 66 53 00-0450 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub.....	262.58	71.38
22 66 53 00-0451 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub.....	329.86	78.54
22 66 53 00-0452 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub.....	452.11	93.99
22 66 53 00-0453 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub.....	578.60	110.79
22 66 53 00-0454 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub.....	1,119.93	154.57

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 53 00-0455		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0328)</small>		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	5.18	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	51.86	
22 66 53 00-0458		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
		Note: ASTM A518.		
22 66 53 00-0459		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe <small>(22 66 53 00-0458)</small>		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	69.23	6.31
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	78.77	6.97
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	108.56	8.76
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	136.82	10.17
22 66 53 00-0464		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0458)</small>		
22 66 53 00-0465		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	258.85	50.01
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	279.93	56.50
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	381.94	62.35
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	460.91	75.34
22 66 53 00-0470		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	148.54	50.01
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	177.22	55.94
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	226.69	62.53
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	296.01	74.78
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	172.55	52.83
22 66 53 00-0476		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	148.54	50.01
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	177.22	55.94
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	226.69	62.53
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	296.01	74.78
22 66 53 00-0481		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	174.00	50.01
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	216.82	55.94
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	331.34	62.53
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	372.38	74.78
22 66 53 00-0486		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	168.34	50.01
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	199.85	55.94
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	305.89	62.53
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	346.92	74.78
22 66 53 00-0491		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend.....	254.24	75.24
22 66 53 00-0493		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	208.99	75.24
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	257.18	84.76
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	336.78	94.46
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	506.10	113.10
22 66 53 00-0498		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	241.09	81.56
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	293.05	87.95
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee.....	311.85	91.06
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	334.45	100.49
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	367.06	103.31

			DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0504	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	397.21	106.42
22 66 53 00-0505			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0506	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	209.36	75.52
22 66 53 00-0507	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	245.87	84.76
22 66 53 00-0508	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	325.46	94.46
22 66 53 00-0509	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	506.10	113.10
22 66 53 00-0510			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0511	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	233.23	82.03
22 66 53 00-0512	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	284.54	87.86
22 66 53 00-0513	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	298.12	91.35
22 66 53 00-0514	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	334.91	100.77
22 66 53 00-0515	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	367.91	103.88
22 66 53 00-0516	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	389.12	106.70
22 66 53 00-0517			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0518	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	312.02	100.58
22 66 53 00-0519	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	395.92	113.20
22 66 53 00-0520	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	504.54	125.25
22 66 53 00-0521	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	655.71	150.58
22 66 53 00-0522	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	343.59	106.51
22 66 53 00-0523	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	384.10	112.82
22 66 53 00-0524	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	455.72	119.03
22 66 53 00-0525	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	503.09	131.85
22 66 53 00-0526	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	603.62	138.53
22 66 53 00-0527			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses <small>(22 66 53 00-0464)</small>		
22 66 53 00-0528	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	345.90	100.58
22 66 53 00-0529	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	407.02	113.01
22 66 53 00-0530	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	579.14	125.91
22 66 53 00-0531	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	805.85	150.78
22 66 53 00-0532	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	371.83	106.51
22 66 53 00-0533	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	483.06	112.82
22 66 53 00-0534	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	509.39	119.03
22 66 53 00-0535	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	545.46	131.75
22 66 53 00-0536	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	690.58	137.96
22 66 53 00-0537			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0538	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	231.25	74.96
22 66 53 00-0539	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	268.49	84.76
22 66 53 00-0540	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	325.46	94.46
22 66 53 00-0541	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	537.21	113.10
22 66 53 00-0542			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0543	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	255.31	81.65
22 66 53 00-0544	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	284.91	88.15
22 66 53 00-0545	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	309.44	91.35
22 66 53 00-0546	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	416.94	100.77
22 66 53 00-0547	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	427.31	103.88
22 66 53 00-0548	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	476.80	106.70
22 66 53 00-0549			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0550	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	365.49	100.39
22 66 53 00-0551	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	457.85	112.92
22 66 53 00-0552	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	654.84	125.53
22 66 53 00-0553	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	786.53	151.06
22 66 53 00-0554			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0555	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend.....	397.28	106.51
22 66 53 00-0556	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	474.55	112.73
22 66 53 00-0557	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	495.25	119.03

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend.....	551.12	131.75
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend.....	690.58	137.96
22 66 53 00-0560 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers <small>(22 66 53 00-0464)</small>				
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	173.35	53.40
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	195.03	56.50
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	228.95	65.92
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	269.26	62.63
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	285.27	65.74
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	301.27	68.85
22 66 53 00-0567 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees <small>(22 66 53 00-0464)</small>				
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	159.26	43.98
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	184.87	49.73
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	217.31	56.31
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	391.33	68.56
22 66 53 00-0572 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs <small>(22 66 53 00-0464)</small>				
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	71.45	25.05
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	84.37	27.97
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	92.14	31.27
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	118.31	37.38
22 66 53 00-0577 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps <small>(22 66 53 00-0464)</small>				
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	286.70	49.73
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	296.02	55.94
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	365.29	62.53
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	465.72	74.78
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	396.92	53.49
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	544.94	59.70
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	658.85	65.92
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	819.17	78.54
22 66 53 00-0586 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps <small>(22 66 53 00-0464)</small>				
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	529.17	56.79
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	832.42	62.81
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	551.46	56.50
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	832.42	62.81
22 66 53 00-0591 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps <small>(22 66 53 00-0464)</small>				
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	492.06	56.50
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	577.85	62.81
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap.....	568.43	56.50
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	1,242.55	62.81
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	741.90	62.81
22 66 53 00-0597 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends <small>(22 66 53 00-0464)</small>				
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	208.28	50.29
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	271.44	56.50
22 66 53 00-0600 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters <small>(22 66 53 00-0464)</small>				
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	107.41	37.67
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	194.15	40.87
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	144.18	47.09
22 66 53 00-0604 Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter <small>(22 66 53 00-0464)</small>				
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	199.19	53.59
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	217.66	56.50
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	242.16	59.61
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	259.81	65.74
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	242.20	59.70
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	255.35	62.81
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	275.82	68.85
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	311.02	65.92

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	383.60	78.54
22 66 53 00-0614 Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0464)</small>				
22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	67.88	
22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	79.20	
22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	84.85	
22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	93.34	
22 66 53 00-0619 Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings <small>(22 66 53 00-0464)</small>				
22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	504.37	25.14
22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper.....	191.38	12.52
22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	355.43	12.52
22 66 53 00-0623 Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates <small>(22 66 53 00-0464)</small>				
22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	1,811.91	125.63
22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	2,234.27	131.94
22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain.....	1,495.31	12.52
22 66 83 Chemical-Waste Tanks <small>(22 66)</small>				
22 66 83 16 Chemical-Waste Neutralization Tanks <small>(22 66 83)</small>				
22 66 83 16-0001 Acid Neutralization Tank <small>(22 66 83 16)</small>				
22 66 83 16-0002 Polyethylene Acid Neutralization Tank <small>(22 66 83 16-0001)</small>				
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	442.75	191.76
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	786.64	265.91
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	988.39	383.52
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,272.48	511.36
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,625.69	613.63
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,209.04	767.04
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	2,564.50	958.80
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	3,311.23	1,150.57
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	3,773.93	1,380.67
22 66 83 16-0012 Polypropylene Acid Neutralization Tank <small>(22 66 83 16-0001)</small>				
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	704.65	191.76
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank.....	1,201.31	265.91
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank.....	1,695.96	383.52
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank.....	2,236.91	511.36
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank.....	2,818.41	613.63
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank.....	3,621.39	767.04
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank.....	3,970.63	958.80
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank.....	5,766.49	1,150.57
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank.....	6,261.92	1,380.67
22 66 83 16-0022 Chemical Dilution Trap <small>(22 66 83 16)</small>				
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap..... Note: 1-1/2" top inlet and side outlet with anti siphon.	342.32	63.92
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap..... Note: 1-1/2" top inlet and side outlet with anti siphon.	352.08	63.92
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap..... Note: 1-1/2" top inlet and side outlet with anti siphon.	361.84	63.92
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap..... Note: 1-1/2" top inlet and side outlet with anti siphon.	400.32	76.70
22 67 Processed Water Systems For Laboratory And Healthcare Facilities <small>(22 60)</small>				
22 67 13 Processed Water Piping For Laboratory And Healthcare Facilities <small>(22 67)</small>				
22 67 13 53 Laboratory Water Piping <small>(22 67 13)</small>				
22 67 13 53-0001 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings <small>(22 67 13 53)</small>				
22 67 13 53-0002 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe <small>(22 67 13 53-0001)</small>				
22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.98 1.21	2.74
22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	8.77 1.52	3.39
22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	10.75 1.61	3.58

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 67 Processed Water Systems For Laboratory And Healthcare Facilities**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe.....	15.77		3.95
		<i>For Work In Restricted Working Space, Add</i>	1.76		
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe.....	20.78		4.71
		<i>For Work In Restricted Working Space, Add</i>	2.12		
22 67 13 53-0008		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows <small>(22 67 13 53-0001)</small>			
22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow.....	26.28		10.08
		<i>For Work In Restricted Working Space, Add</i>	4.56		
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow.....	33.15		13.47
		<i>For Work In Restricted Working Space, Add</i>	6.08		
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow.....	40.10		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow.....	63.75		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow.....	79.38		34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27		
22 67 13 53-0014		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows <small>(22 67 13 53-0001)</small>			
22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow.....	26.28		10.17
		<i>For Work In Restricted Working Space, Add</i>	4.56		
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow.....	33.15		13.47
		<i>For Work In Restricted Working Space, Add</i>	6.08		
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow.....	40.10		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow.....	64.02		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow.....	79.38		34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27		
22 67 13 53-0020		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees <small>(22 67 13 53-0001)</small>			
22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee.....	38.00		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee.....	45.36		20.25
		<i>For Work In Restricted Working Space, Add</i>	9.11		
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee.....	57.31		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee.....	92.23		40.49
		<i>For Work In Restricted Working Space, Add</i>	18.23		
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee.....	117.90		50.29
		<i>For Work In Restricted Working Space, Add</i>	22.60		
22 67 13 53-0026		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees <small>(22 67 13 53-0001)</small>			
22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee.....	71.41		18.84
		<i>For Work In Restricted Working Space, Add</i>	8.48		
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee.....	83.91		21.95
		<i>For Work In Restricted Working Space, Add</i>	9.89		
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee.....	88.84		23.83
		<i>For Work In Restricted Working Space, Add</i>	10.74		
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee.....	114.71		33.90
		<i>For Work In Restricted Working Space, Add</i>	15.26		
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee.....	141.85		45.20
		<i>For Work In Restricted Working Space, Add</i>	20.34		
22 67 13 53-0032		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts <small>(22 67 13 53-0001)</small>			
22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	34.23		11.96
		<i>For Work In Restricted Working Space, Add</i>	5.37		
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	40.50		13.84
		<i>For Work In Restricted Working Space, Add</i>	6.22		
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	46.03		15.73
		<i>For Work In Restricted Working Space, Add</i>	7.07		
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	60.62		18.84
		<i>For Work In Restricted Working Space, Add</i>	8.48		
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	64.95		20.72
		<i>For Work In Restricted Working Space, Add</i>	9.32		
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	67.73		21.95
		<i>For Work In Restricted Working Space, Add</i>	9.89		
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert.....	100.09		30.80
		<i>For Work In Restricted Working Space, Add</i>	13.84		
22 67 13 53-0040		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters <small>(22 67 13 53-0001)</small>			
22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter.....	29.43		10.17
		<i>For Work In Restricted Working Space, Add</i>	4.56		
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter.....	37.50		13.47
		<i>For Work In Restricted Working Space, Add</i>	6.08		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0043 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	44.89 7.53	16.77
22 67 13 53-0044 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	67.05 12.02	26.74
22 67 13 53-0045 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	87.43 15.26	33.90
22 67 13 53-0046 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters (22 67 13 53-0001)		
22 67 13 53-0047 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	29.43 4.56	10.17
22 67 13 53-0048 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	37.50 6.08	13.47
22 67 13 53-0049 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	44.89 7.53	16.77
22 67 13 53-0050 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	67.05 12.02	26.74
22 67 13 53-0051 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	86.87 15.27	34.00
22 67 13 53-0052 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings (22 67 13 53-0001)		
22 67 13 53-0053 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	22.08 4.56	10.17
22 67 13 53-0054 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	29.70 6.08	13.47
22 67 13 53-0055 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	37.40 7.53	16.77
22 67 13 53-0056 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	58.95 12.02	26.74
22 67 13 53-0057 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	77.28 15.27	34.00
22 67 13 53-0058 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions (22 67 13 53-0001)		
22 67 13 53-0059 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	72.32 7.53	16.77
22 67 13 53-0060 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	80.58 9.11	20.25
22 67 13 53-0061 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	96.12 12.02	26.74
22 67 13 53-0062 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	162.37 18.23	40.49
22 67 13 53-0063 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	221.02 22.60	50.29
22 67 13 53-0064 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps (22 67 13 53-0001)		
22 67 13 53-0065 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	24.98 4.62	10.30
22 67 13 53-0066 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	31.35 6.08	13.47
22 67 13 53-0067 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	37.40 7.53	16.77
22 67 13 53-0068 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	59.25 12.02	26.74
22 67 13 53-0069 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	77.28 15.27	34.00
22 67 13 53-0070 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges (22 67 13 53-0001)		
22 67 13 53-0071 EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	43.09 7.53	16.95
22 67 13 53-0072 EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	50.60 9.11	20.06
22 67 13 53-0073 EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	63.69 12.02	27.03
22 67 13 53-0074 EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	96.43 18.23	40.87
22 67 13 53-0075 EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	116.70 22.60	50.29
22 67 13 53-0076 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings (22 67 13 53)		
22 67 13 53-0077 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe (22 67 13 53-0076)		
22 67 13 53-0078 LF 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	7.72 1.21	2.74
22 67 13 53-0079 LF 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe <i>For Work In Restricted Working Space, Add</i>	9.80 1.52	3.39

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 67 Processed Water Systems For Laboratory And Healthcare Facilities**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	12.05		3.58
		<i>For Work In Restricted Working Space, Add</i>	1.61		
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	14.71		3.95
		<i>For Work In Restricted Working Space, Add</i>	1.76		
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	19.57		4.71
		<i>For Work In Restricted Working Space, Add</i>	2.12		
22 67 13 53-0083		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90			
		Degree Elbows <small>(22 67 13 53-0076)</small>			
22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	27.45		10.08
		<i>For Work In Restricted Working Space, Add</i>	4.56		
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	35.66		13.47
		<i>For Work In Restricted Working Space, Add</i>	6.08		
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	44.36		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	66.17		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	86.26		34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27		
22 67 13 53-0089		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45			
		Degree Elbows <small>(22 67 13 53-0076)</small>			
22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	27.31		10.17
		<i>For Work In Restricted Working Space, Add</i>	4.56		
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	35.73		13.47
		<i>For Work In Restricted Working Space, Add</i>	6.08		
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	44.43		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	67.16		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	86.26		34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27		
22 67 13 53-0095		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees <small>(22 67 13 53-0076)</small>			
22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	39.73		16.77
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	47.62		20.25
		<i>For Work In Restricted Working Space, Add</i>	9.11		
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	60.39		26.74
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	91.28		40.49
		<i>For Work In Restricted Working Space, Add</i>	18.23		
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	115.84		50.29
		<i>For Work In Restricted Working Space, Add</i>	22.60		
22 67 13 53-0101		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion			
		Reducing Tees <small>(22 67 13 53-0076)</small>			
22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	46.22		18.84
		<i>For Work In Restricted Working Space, Add</i>	8.48		
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	56.05		21.95
		<i>For Work In Restricted Working Space, Add</i>	9.89		
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	58.89		23.83
		<i>For Work In Restricted Working Space, Add</i>	10.74		
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	84.09		33.90
		<i>For Work In Restricted Working Space, Add</i>	15.26		
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	109.52		45.20
		<i>For Work In Restricted Working Space, Add</i>	20.34		
22 67 13 53-0107		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion			
		Reducing Inserts <small>(22 67 13 53-0076)</small>			
22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	31.79		11.96
		<i>For Work In Restricted Working Space, Add</i>	5.37		
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	36.26		13.84
		<i>For Work In Restricted Working Space, Add</i>	6.22		
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	39.09		15.73
		<i>For Work In Restricted Working Space, Add</i>	7.07		
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	49.78		18.84
		<i>For Work In Restricted Working Space, Add</i>	8.48		
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	52.61		20.72
		<i>For Work In Restricted Working Space, Add</i>	9.32		
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	54.49		21.95
		<i>For Work In Restricted Working Space, Add</i>	9.89		
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	76.09		30.80
		<i>For Work In Restricted Working Space, Add</i>	13.84		
22 67 13 53-0115		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male			
		Thread Adapters <small>(22 67 13 53-0076)</small>			
22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	27.45		10.17
		<i>For Work In Restricted Working Space, Add</i>	4.56		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 67 13 53-0117	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	35.23 6.08	13.47
22 67 13 53-0118	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	42.15 7.53	16.77
22 67 13 53-0119	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	60.75 12.02	26.74
22 67 13 53-0120	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	83.09 15.26	33.90
22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters <small>(22 67 13 53-0076)</small>			
22 67 13 53-0122	EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	27.45 4.56	10.17
22 67 13 53-0123	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	35.23 6.08	13.47
22 67 13 53-0124	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	42.15 7.53	16.77
22 67 13 53-0125	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	60.75 12.02	26.74
22 67 13 53-0126	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	83.13 15.27	34.00
22 67 13 53-0127 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings <small>(22 67 13 53-0076)</small>			
22 67 13 53-0128	EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	26.24 4.56	10.17
22 67 13 53-0129	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	33.81 6.08	13.47
22 67 13 53-0130	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	40.58 7.53	16.77
22 67 13 53-0131	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	60.46 12.02	26.74
22 67 13 53-0132	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	77.57 15.27	34.00
22 67 13 53-0133 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions <small>(22 67 13 53-0076)</small>			
22 67 13 53-0134	EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	74.31 7.53	20.25
22 67 13 53-0135	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	86.70 9.11	26.74
22 67 13 53-0136	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	106.66 12.02	40.49
22 67 13 53-0137	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	172.70 18.23	50.29
22 67 13 53-0138	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union <i>For Work In Restricted Working Space, Add</i>	222.93 22.60	10.30
22 67 13 53-0139 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps <small>(22 67 13 53-0076)</small>			
22 67 13 53-0140	EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	26.44 4.62	13.47
22 67 13 53-0141	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	33.81 6.08	16.77
22 67 13 53-0142	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	40.51 7.53	26.74
22 67 13 53-0143	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	60.60 12.02	34.00
22 67 13 53-0144	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap <i>For Work In Restricted Working Space, Add</i>	77.57 15.27	16.95
22 67 13 53-0145 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flanges <small>(22 67 13 53-0076)</small>			
22 67 13 53-0146	EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange <i>For Work In Restricted Working Space, Add</i>	48.78 7.53	20.06
22 67 13 53-0147	EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange <i>For Work In Restricted Working Space, Add</i>	56.89 9.11	27.03
22 67 13 53-0148	EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange <i>For Work In Restricted Working Space, Add</i>	70.44 12.02	40.87
22 67 13 53-0149	EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange <i>For Work In Restricted Working Space, Add</i>	102.97 18.23	50.29
22 67 13 53-0150	EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange <i>For Work In Restricted Working Space, Add</i>	128.10 22.60	

END OF SECTION 22

22 Plumbing

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities

22 67 Processed Water Systems For Laboratory And Healthcare Facilities

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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23 Heating, Ventilating, And Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems ⁽²³⁾

23 01 10 Operation and Maintenance of Facility Fuel Systems ^(23 01)

23 01 10 91 Facility Fuel Systems Restoration ^(23 01 10)

23 01 10 91-0001 Professional Certification For Hospital ^(23 01 10 91)

23 01 10 91-0002 HR Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum 160.66

23 01 10 91-0003 Purge Gas Systems ^(23 01 10 91)

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	472.21
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	674.30
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	707.69
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	779.77
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	1,411.95
23 01 10 91-0009	EA	Up To 100', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	633.81
23 01 10 91-0010	EA	>100' To 250', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	909.41
23 01 10 91-0011	EA	>250' To 500', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	959.84
23 01 10 91-0012	EA	>500' To 1,000', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	1,068.43
23 01 10 91-0013	EA	>1,000' To 2,000', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	1,940.08
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	744.77
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	1,088.33
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,451.95
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	3,814.86
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	7,160.98

23 01 20 Operation and Maintenance of HVAC Piping and Pumps ^(23 01)

23 01 20 91 HVAC Piping And Pumps Restoration ^(23 01 20)

23 01 20 91-0001 Lock Out/Tag Out System ^(23 01 20 91)

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve.....	25.57
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve.....	30.68
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve.....	35.80
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve.....	40.91
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve.....	51.13
23 01 20 91-0007	EA	Lock Out/Tag Out Padlock System.....	20.46
23 01 20 91-0008	EA	Lock Out/Tag Out Tag.....	2.94

23 01 20 91-0009 Freeze Pipe Using CO2 Kit ^(23 01 20 91)

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010 EA Up To 2" Freeze Pipe Using CO2 Kit..... 138.91

23 01 20 91-0011 Freeze Pipe Using Nitrogen ^(23 01 20 91)

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 4" Pipe Freezing Using Nitrogen.....	1,291.43
23 01 20 91-0013	EA	>4" To 12" Pipe Freezing Using Nitrogen.....	2,582.87

Note: For each location. Includes freezing on each side of valve or fitting.

23 01 20 91-0014 Water/Chlorine Pipe Disinfection/Flush/Testing ^(23 01 20 91)

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0015	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing.....	1.68
23 01 20 91-0016	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing.....	2.30
23 01 20 91-0017	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing.....	3.54
23 01 20 91-0018	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing.....	4.85
23 01 20 91-0019	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing.....	5.96
23 01 20 91-0020	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing.....	7.52
23 01 20 91-0021	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing.....	9.92
23 01 20 91-0022	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing.....	11.90

23 01 20 91-0023 Shut Down Existing Piping System ^(23 01 20 91)

23 01 20 91-0024 EA Shut Down Existing Interior Piping System..... 205.59
Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.

23 01 20 91-0025 Purge Liquid Systems ^(23 01 20 91)

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0026 EA Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System..... 336.62

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 01 20 91-0027	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System	480.76
23 01 20 91-0028	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System	576.04
23 01 20 91-0029	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	608.96
23 01 20 91-0030	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	1,162.55
23 01 20 91-0031	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	448.07
23 01 20 91-0032	EA	>100 To 250', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	639.41
23 01 20 91-0033	EA	>250 To 500', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	761.20
23 01 20 91-0034	EA	>500 To 1,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	809.37
23 01 20 91-0035	EA	>1,000 To 2,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	1,559.52
23 01 20 91-0036	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System.....	552.41
23 01 20 91-0037	EA	>100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System.....	789.39
23 01 20 91-0038	EA	>250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System.....	2,116.89
23 01 20 91-0039	EA	>1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System.....	3,359.41

23 01 20 91-0040 Special Cleaning Of Piping Systems (23 01 20 91)**23 01 20 91-0041 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing (23 01 20 91-0040)**

23 01 20 91-0042	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	2.09
23 01 20 91-0043	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.46
23 01 20 91-0044	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.84
23 01 20 91-0045	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	6.26
23 01 20 91-0046	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	8.70

23 01 20 91-0047 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing (23 01 20 91-0040)

23 01 20 91-0048	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	2.23
23 01 20 91-0049	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	3.64
23 01 20 91-0050	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	5.09
23 01 20 91-0051	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.63
23 01 20 91-0052	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	9.19

23 01 20 91-0053 Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing (23 01 20 91-0040)

23 01 20 91-0054	LF	Up To 1", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	2.27
23 01 20 91-0055	LF	>1" To 2", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing	3.71
23 01 20 91-0056	LF	>2" To 3", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing	5.19
23 01 20 91-0057	LF	>3" To 4", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing	6.77
23 01 20 91-0058	LF	>4" To 6", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing	9.38

23 01 20 91-0059 Add-A-Valve Emergency Shut Off Device (23 01 20 91)

23 01 20 91-0060	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	241.23
23 01 20 91-0061	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	302.96
23 01 20 91-0062	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	416.40
23 01 20 91-0063	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	630.05
23 01 20 91-0064	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	775.62
23 01 20 91-0065	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,161.98

23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)**23 01 30 51 HVAC Air-Distribution System Cleaning (23 01 30)****23 01 30 51-0001 Special Cleaning Of Ductwork (23 01 30 51)**

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork	3.33
		Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
		<i>For Exhaust Ductwork, Add</i>	0.83
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	4.16
		Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
		<i>For Exhaust Ductwork, Add</i>	1.04
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	5.59
		Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
		<i>For Exhaust Ductwork, Add</i>	1.40
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork	7.89
		Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	
		<i>For Exhaust Ductwork, Add</i>	1.97
23 01 30 51-0006	SF	Clean Duct Dampers.....	11.23
23 01 30 51-0007	SF	Clean Duct Fire Dampers	22.46
23 01 30 51-0008	SF	Clean Louver.....	8.99
23 01 30 51-0009	EA	Clean Turning Vane Set.....	26.96
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register.....	26.96
		Note: Includes removal and reinstallation.	
23 01 30 51-0011	LF	Clean Linear Diffuser	6.73
		Note: Includes removal and reinstallation.	
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	99.32
		<i>For Stainless Steel, Add</i>	77.62
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit.....	80.87
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit.....	107.83
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU) Unit.....	107.83
23 01 30 51-0016	EA	Clean Supply Or Return Fan.....	215.65
23 01 30 51-0017	EA	Clean Exhaust Fan	188.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 51-0018	EA		Clean Duct Coil.....	161.73	
23 01 30 51-0019	SF		Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	5.39	
23 01 30 51-0020	EA		Clean Air Handling Unit Fan	215.65	
23 01 30 51-0021	EA		Clean Air Handling Unit Coil	323.48	
23 01 30 51-0022	SF		Clean Equipment Surfaces, Rust Reform And Prime	2.69	
23 01 30 51-0023	SF		Clean Interior Equipment Surfaces, Rust Reform And Prime	3.22	
23 01 30 51-0024	SF		High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.57	
23 01 30 51-0025	EA		Cleaning Of Ductwork Minimum Set-up Charge	754.50	
			Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 01 30 51-0026	SF		Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning.....	0.47	
23 01 30 61 HVAC Air-Distribution Duct Repair (23 01 30)					
23 01 30 61-0001			Repair And Seal Ductwork (23 01 30 61) Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.		
23 01 30 61-0002	SF		Repair And Sealing Of Ductwork	1.79	
			Note: Clean, apply sealant and tape		
23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)					
23 01 50 61 Central Heating Equipment Repair (23 01 50)					
23 01 50 61-0001			Boiler Repairs (23 01 50 61)		
23 01 50 61-0002			Setup And Maintenance (23 01 50 61-0001)		
23 01 50 61-0003	EA		Set-up Charge For Boiler Fire Side Maintenance	2,187.50	
			Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.		
23 01 50 61-0004	EA		Close-up Charge For Boiler Fire Side Maintenance	2,323.93	
			Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.		
			<i>For Burner Seals, Add</i>	618.75	
			<i>Note: Used when burner must be removed from door for maintenance.</i>		
23 01 50 61-0005	EA		Setup Charge For Boiler Water Side Maintenance	2,916.68	
			Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.		
23 01 50 61-0006	EA		Up To 100 HP, Hydrostatic Test - Boiler Maintenance	1,458.34	
			Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
23 01 50 61-0007	EA		>100 HP, Hydrostatic Test - Boiler Maintenance	2,916.68	
			Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
23 01 50 61-0008	EA		Removal And Replacement Of Handhole	91.15	
23 01 50 61-0009	EA		Removal And Replacement Of Manhole.....	273.44	
23 01 50 61-0010	SF		Sheet Metal Jacket Patch	10.02	
23 01 50 61-0011			Boiler Tube Replacement (23 01 50 61-0001)		
23 01 50 61-0012	EA		Removal Of Up To 2" Boiler Tube.....	218.75	
23 01 50 61-0013	EA		Removal Of >2" To 3" Boiler Tube.....	273.45	
23 01 50 61-0014	EA		Removal Of >3" To 4" Boiler Tube.....	382.80	
23 01 50 61-0015	LF		Place 1-1/2" Boiler Tube Into Position For Termination.....	6.64	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0016	LF		Place 2" Boiler Tube Into Position For Termination	7.69	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0017	LF		Place 2-1/2" Boiler Tube Into Position For Termination	8.73	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0018	LF		Place 3" Boiler Tube Into Position For Termination	12.21	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0019	LF		Place 3-1/2" Boiler Tube Into Position For Termination	14.22	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0020	LF		Place 4" Boiler Tube Into Position For Termination	17.98	
			Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0021	EA		1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	27.34	
23 01 50 61-0022	EA		2" Rolled Boiler Tube Termination (2 Per New Tube).....	41.02	
23 01 50 61-0023	EA		2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	54.69	
23 01 50 61-0024	EA		3" Rolled Boiler Tube Termination (2 Per New Tube).....	68.36	
23 01 50 61-0025	EA		3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	82.03	
23 01 50 61-0026	EA		4" Rolled Boiler Tube Termination (2 Per New Tube).....	95.71	
23 01 50 61-0027	EA		1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	82.03	
23 01 50 61-0028	EA		2" Welded Boiler Tube Termination (2 Per New Tube).....	109.38	
23 01 50 61-0029	EA		2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	136.72	
23 01 50 61-0030	EA		3" Welded Boiler Tube Termination (2 Per New Tube).....	164.07	
23 01 50 61-0031	EA		3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	191.41	
23 01 50 61-0032	EA		4" Welded Boiler Tube Termination (2 Per New Tube).....	218.75	
23 01 50 61-0033	EA		Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	252.57	
23 01 50 61-0034			Cast Iron Boiler Section Replacement (23 01 50 61-0001)		
23 01 50 61-0035	EA		Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	2,350.24	
23 01 50 61-0036	EA		Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,596.96	
23 01 50 61-0037	EA		Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,046.51	
23 01 50 61-0038	EA		Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler.....	4,289.49	
23 01 50 61-0039	EA		Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,124.63	
23 01 50 61-0040	EA		Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	3,708.55	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 50 Operation and Maintenance of Central Heating Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler.....	6,910.46	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler.....	5,317.01	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler.....	5,806.68	

23 01 50 61-0044 Cast Iron Grate Replacement (23 01 50 61-0001)

23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold	95.97	
		Note: Includes support, linkages and removal of existing.		
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold.....	1,249.46	
		Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.		

23 01 50 61-0047 Replacement Or Conversion Of Boiler Burners (23 01 50 61-0001)

Note: Includes mounting plate, mechanical and electrical labor for installation of burners.

23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	6,706.41	1,003.82
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	9,577.26	1,242.79
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	11,330.75	1,505.62
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	13,290.38	1,620.31

23 01 50 61-0052 Boiler And Chiller Water Treatment (23 01 50 61)

Note: 3 LB chemical per 50 gallon system water.

23 01 50 61-0053	LB	Boil Out Boiler And System With Caustic Soda	0.97	
		Note: Includes disposal after treatment.		
23 01 50 61-0054	LB	Boil Out Boiler And System With Trisodium Phosphate.....	1.46	
		Note: Includes disposal after treatment.		
23 01 50 61-0055	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required.....	91.33	

23 01 60 Operation and Maintenance of Central Cooling Equipment (23 01)**23 01 60 71 Refrigerant Recovery/Recycling (23 01 60)****23 01 60 71-0001 Refrigerant Recovery, Reclaim And Recycling (23 01 60 71)**

23 01 60 71-0002	LB	Recovery Of Refrigerant.....	8.02	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant.....	15.03	
		Note: Includes cleaning refrigerant gas prior to recharging.		

23 05 Common Work Results For HVAC (23)**23 05 13 Common Motor Requirements For HVAC Equipment (23 05)**

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001 Premium Efficient, Motors (23 05 13)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.

23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)

23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	473.77	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	536.46	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	628.95	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	528.24	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	561.12	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	735.83	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	620.73	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	601.20	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	752.28	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	628.95	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	648.48	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	957.82	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	686.50	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	710.14	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,254.82	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,089.36	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,044.14	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,504.55	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,245.57	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,264.07	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,957.77	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,769.70	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,790.25	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,640.16	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,079.04	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,247.58	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,213.62	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,496.28	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,739.85	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,881.62	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,945.39	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,995.75	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,049.14	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,795.30	

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Contains multiple rows of motor specifications and costs, including sections for Cast Iron Frame, Premium Efficient, Open Drip Proof Motors; Premium Efficient, TEFC Motors; Steel Frame, Premium Efficient, TEFC Motors; and Cast Iron Frame, Premium Efficient, TEFC Motors.

23 Heating, Ventilating, And Air-Conditioning (HVAC)
23 05 Common Work Results For HVAC
23 05 13 Common Motor Requirements For HVAC Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Rows include motor specifications like 40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame.

23 05 13 00-0130 Premium Efficient, Severe Duty Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Rows include motor specifications like 1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 13 00-0197
Premium Efficient, Explosion Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA 1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,095.53	
23 05 13 00-0199	EA 1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,134.58	
23 05 13 00-0200	EA 2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,237.35	
23 05 13 00-0201	EA 3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,529.22	
23 05 13 00-0202	EA 5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,695.70	
23 05 13 00-0203	EA 7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,336.99	
23 05 13 00-0204	EA 10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,385.29	
23 05 13 00-0205	EA 15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,229.03	
23 05 13 00-0206	EA 20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,681.22	
23 05 13 00-0207	EA 25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,836.36	
23 05 13 00-0208	EA 30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,428.31	
23 05 13 00-0209	EA 40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,098.32	
23 05 13 00-0210	EA 50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,994.48	
23 05 13 00-0211	EA 60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,183.43	
23 05 13 00-0212	EA 75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	13,128.87	
23 05 13 00-0213	EA 100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	15,993.07	
23 05 13 00-0214	EA 125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	20,903.42	
23 05 13 00-0215	EA 150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	23,850.86	

23 05 13 00-0216
Motor Mounting (23 05 13)

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA 1/2 HP Motor Mounting.....	165.07	83.99
23 05 13 00-0218	EA 3/4 HP Motor Mounting.....	190.19	104.99
23 05 13 00-0219	EA 1 HP Motor Mounting.....	203.46	104.99
23 05 13 00-0220	EA 1-1/2 HP Motor Mounting.....	218.72	104.99
23 05 13 00-0221	EA 2 HP Motor Mounting.....	236.46	125.98
23 05 13 00-0222	EA 3 HP Motor Mounting.....	273.40	125.98
23 05 13 00-0223	EA 5 HP Motor Mounting.....	324.03	209.97
23 05 13 00-0224	EA 7-1/2 HP Motor Mounting.....	416.61	209.97
23 05 13 00-0225	EA 10 HP Motor Mounting.....	546.80	367.45
23 05 13 00-0226	EA 15 HP Motor Mounting.....	672.98	367.45
23 05 13 00-0227	EA 20 HP Motor Mounting.....	795.35	524.93
23 05 13 00-0228	EA 25 HP Motor Mounting.....	901.93	524.93
23 05 13 00-0229	EA 30 HP Motor Mounting.....	1,093.60	524.93
23 05 13 00-0230	EA 40 HP Motor Mounting.....	1,232.23	787.39
23 05 13 00-0231	EA 50 HP Motor Mounting.....	1,367.00	787.39
23 05 13 00-0232	EA 75 HP Motor Mounting.....	1,650.72	1,154.84
23 05 13 00-0233	EA 100 HP Motor Mounting.....	1,988.36	1,154.84
23 05 13 00-0234	EA 125 HP Motor Mounting.....	2,430.21	1,574.78
23 05 13 00-0235	EA 150 HP Motor Mounting.....	2,822.19	1,574.78
23 05 13 00-0236	EA 200 HP Motor Mounting.....	3,240.29	1,889.74

23 05 16 Expansion Fittings And Loops For HVAC Piping (23 05)
23 05 16 00-0001
Stainless Steel Bellows Type Expansion Joints (23 05 16)

Note: Includes internal sleeves and external covers.

23 05 16 00-0002
Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA 1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	188.82	82.46
	For 300 LB Rating, Add	5.95	
23 05 16 00-0004	EA 3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	211.96	93.00
	For 300 LB Rating, Add	6.52	
23 05 16 00-0005	EA 1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	247.13	106.61
	For 300 LB Rating, Add	8.50	
23 05 16 00-0006	EA 1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	278.51	118.98
	For 300 LB Rating, Add	10.20	
23 05 16 00-0007	EA 1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	301.07	127.89
	For 300 LB Rating, Add	11.33	
23 05 16 00-0008	EA 2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	348.48	150.49
	For 300 LB Rating, Add	11.90	

23 05 16 00-0009
Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA 1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	647.92	82.44
	For 300 LB Rating, Add	136.38	
23 05 16 00-0011	EA 1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	705.14	98.93
	For 300 LB Rating, Add	145.30	
23 05 16 00-0012	EA 2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	738.32	125.58
	For 300 LB Rating, Add	145.32	
23 05 16 00-0013	EA 2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	795.65	136.61
	For 300 LB Rating, Add	156.09	
23 05 16 00-0014	EA 3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	875.14	160.17
	For 300 LB Rating, Add	168.67	
23 05 16 00-0015	EA 4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,064.23	268.51
	For 300 LB Rating, Add	181.94	
23 05 16 00-0016	EA 5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,442.16	286.11
	For 300 LB Rating, Add	271.27	
23 05 16 00-0017	EA 6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,328.07	317.90
	For 300 LB Rating, Add	232.32	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0018	EA		8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint <i>For 300 LB Rating, Add</i>	1,709.11 301.13	406.20
23 05 16 00-0019	EA		10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint <i>For 300 LB Rating, Add</i>	2,176.23 389.53	494.51
23 05 16 00-0020	EA		12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint <i>For 300 LB Rating, Add</i>	2,863.56 528.35	374.59
23 05 16 00-0021	EA		14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint <i>For 300 LB Rating, Add</i>	3,652.59 692.39	706.44
23 05 16 00-0022	EA		16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint <i>For 300 LB Rating, Add</i>	4,736.19 941.21	777.08
23 05 16 00-0023			Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints <small>(23 05 16 00-0001)</small> Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0024	EA		1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	664.19 109.54	113.06
23 05 16 00-0025	EA		1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	694.82 116.70	114.00
23 05 16 00-0026	EA		2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	702.65 116.72	117.77
23 05 16 00-0027	EA		2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	758.60 125.37	128.41
23 05 16 00-0028	EA		3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	845.36 135.75	151.03
23 05 16 00-0029	EA		4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	1,185.39 146.13	300.73
23 05 16 00-0030	EA		5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	1,468.17 217.88	299.09
23 05 16 00-0031	EA		6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	1,408.20 186.60	331.14
23 05 16 00-0032	EA		8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	1,723.12 241.86	378.39
23 05 16 00-0033	EA		10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	2,176.80 312.86	463.60
23 05 16 00-0034	EA		12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	2,821.34 424.37	561.97
23 05 16 00-0035	EA		14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	3,455.30 577.65	572.22
23 05 16 00-0036	EA		16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	4,571.84 785.25	715.27
23 05 16 00-0037			Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints <small>(23 05 16)</small>		
23 05 16 00-0038			Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints <small>(23 05 16 00-0037)</small>		
23 05 16 00-0039	EA		2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	517.93	125.58
23 05 16 00-0040	EA		2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	558.94	136.61
23 05 16 00-0041	EA		3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	619.35	160.17
23 05 16 00-0042	EA		4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	788.32	268.51
23 05 16 00-0043	EA		5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,030.77	286.11
23 05 16 00-0044	EA		6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	975.75	317.90
23 05 16 00-0045	EA		8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,252.44	406.20
23 05 16 00-0046	EA		10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,585.50	494.51
23 05 16 00-0047	EA		12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	2,062.29	375.03
23 05 16 00-0048	EA		14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	2,602.55	706.44
23 05 16 00-0049	EA		16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	3,308.80	777.08
23 05 16 00-0050	EA		18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	4,261.12	861.85
23 05 16 00-0051	EA		20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	4,950.78	971.35
23 05 16 00-0052	EA		24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	5,729.62	1,192.11
23 05 16 00-0053	EA		30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	7,622.99	1,942.70
23 05 16 00-0054	EA		36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	9,806.52	2,590.27
23 05 16 00-0055			Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints <small>(23 05 16)</small>		
23 05 16 00-0056			Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints <small>(23 05 16 00-0055)</small>		
23 05 16 00-0057	EA		2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	771.78	125.58
23 05 16 00-0058	EA		2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	831.60	136.61
23 05 16 00-0059	EA		3" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	913.98	160.17
23 05 16 00-0060	EA		4" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,106.13	268.51
23 05 16 00-0061	EA		5" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,504.63	286.11
23 05 16 00-0062	EA		6" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,381.58	317.90
23 05 16 00-0063	EA		8" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,778.46	406.20
23 05 16 00-0064	EA		10" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	2,265.94	494.51
23 05 16 00-0065	EA		12" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	2,985.23	375.03
23 05 16 00-0066	EA		14" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	3,812.04	706.44
23 05 16 00-0067	EA		16" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	4,952.94	777.08
23 05 16 00-0068	EA		18" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	6,500.57	861.85
23 05 16 00-0069	EA		20" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	7,579.06	971.35
23 05 16 00-0070	EA		24" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	8,711.63	1,192.11
23 05 16 00-0071	EA		30" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	11,276.83	1,942.70
23 05 16 00-0072	EA		36" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	14,426.86	2,590.27

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 16 00-0073
23 05 16 00-0074

Neoprene Bellows Type Expansion Joints (23 05 16)
Flanged, 150 LB, Neoprene Bellows Type Expansion Joints (23 05 16 00-0073)
Note: Cast iron ends.

23 05 16 00-0075	EA	2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	579.35	125.58
23 05 16 00-0076	EA	2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	617.09	136.61
23 05 16 00-0077	EA	3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	652.11	160.17
23 05 16 00-0078	EA	4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	840.92	268.51
23 05 16 00-0079	EA	5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	972.98	286.11
23 05 16 00-0080	EA	6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,024.46	317.90
23 05 16 00-0081	EA	8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,247.58	406.20
23 05 16 00-0082	EA	10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,419.76	494.51
23 05 16 00-0083	EA	12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,610.45	374.85
23 05 16 00-0084	EA	14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	2,026.84	706.44
23 05 16 00-0085	EA	16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	2,525.73	777.08
23 05 16 00-0086	EA	18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	3,188.94	861.85
23 05 16 00-0087	EA	20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	3,707.07	971.35
23 05 16 00-0088	EA	24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	4,315.40	1,192.11
23 05 16 00-0089	EA	30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	5,879.30	1,942.70
23 05 16 00-0090	EA	36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	7,607.71	2,590.27

23 05 16 00-0091
23 05 16 00-0092
23 05 16 00-0093

Tube And Cover Expansion Joints (23 05 16)
Flanged, 150 LB, Tube And Cover Expansion Joints (23 05 16 00-0091)
Note: Carbon steel split backup rings.
**Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM),
Neoprene Or Nitrile Tube And Cover Expansion Joints (23 05 16 00-0092)**

23 05 16 00-0094	EA	1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	308.88	70.67
23 05 16 00-0095	EA	1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	283.37	82.44
23 05 16 00-0096	EA	1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	338.44	98.93
23 05 16 00-0097	EA	2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	398.32	125.58
23 05 16 00-0098	EA	2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	446.10	136.61
23 05 16 00-0099	EA	3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	512.58	173.92
23 05 16 00-0100	EA	4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	707.19	291.56
23 05 16 00-0101	EA	5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	789.03	331.47
23 05 16 00-0102	EA	6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	847.86	317.90
23 05 16 00-0103	EA	8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	1,075.01	361.36
23 05 16 00-0104	EA	10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	1,576.57	494.51
23 05 16 00-0105	EA	12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	1,982.49	600.47
23 05 16 00-0106	EA	14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	2,236.93	706.44
23 05 16 00-0107	EA	16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	2,492.79	777.08
23 05 16 00-0108	EA	18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	2,719.41	861.85
23 05 16 00-0109	EA	20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	3,238.31	971.35
23 05 16 00-0110	EA	24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	3,936.52	1,192.11
23 05 16 00-0111	EA	30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	5,739.36	1,942.70
23 05 16 00-0112	EA	36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451).....	7,004.59	2,590.27

23 05 16 00-0113

Flanged, 150 LB, Rubber Tube And Cover Expansion Joints (23 05 16 00-0092)

23 05 16 00-0114	EA	1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	295.48	70.67
23 05 16 00-0115	EA	1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	269.97	82.44
23 05 16 00-0116	EA	1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	325.03	98.93
23 05 16 00-0117	EA	2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	384.91	125.58
23 05 16 00-0118	EA	2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	432.69	136.61
23 05 16 00-0119	EA	3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	499.17	173.92
23 05 16 00-0120	EA	4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	687.09	291.56
23 05 16 00-0121	EA	5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	768.93	331.47
23 05 16 00-0122	EA	6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	827.75	317.90
23 05 16 00-0123	EA	8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	1,094.41	406.20
23 05 16 00-0124	EA	10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	1,502.85	494.51
23 05 16 00-0125	EA	12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	1,915.47	600.47
23 05 16 00-0126	EA	14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	2,163.21	706.44
23 05 16 00-0127	EA	16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	2,419.07	777.08
23 05 16 00-0128	EA	18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451).....	2,638.98	861.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0129	EA	20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,144.48	971.35
23 05 16 00-0130	EA	24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,822.58	1,192.11
23 05 16 00-0131	EA	30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	5,410.94	1,942.70
23 05 16 00-0132	EA	36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	6,816.92	2,590.27

23 05 16 00-0133 Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints (23 05 16 00-0092)

23 05 16 00-0134	EA	2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	391.61	125.58
23 05 16 00-0135	EA	3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	494.14	173.92
23 05 16 00-0136	EA	4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	680.38	291.56
23 05 16 00-0137	EA	6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	770.78	317.90
23 05 16 00-0138	EA	8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	960.36	406.20
23 05 16 00-0139	EA	10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,187.83	494.51
23 05 16 00-0140	EA	12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,422.84	600.47

23 05 16 00-0141 Flanged, Tube And Cover Expansion Joints (Mercer 501) (23 05 16 00-0091)**23 05 16 00-0142 Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE) (23 05 16 00-0141)**

23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	539.51	98.93
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	606.09	125.58
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	633.77	136.61
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	727.05	173.92
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	955.18	291.56
23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,057.13	331.47
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,102.55	317.90
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,463.04	406.20
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,804.45	494.51
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,096.43	600.47
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,411.20	706.44
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,633.55	777.08
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,886.97	861.85
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,372.36	971.35
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,137.59	1,192.11
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	6,067.77	1,942.70
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	7,607.80	2,590.27
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	10,165.06	3,885.40
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	12,163.42	4,856.76
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	16,443.22	6,993.72

23 05 16 00-0163 Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR) (23 05 16 00-0141)

23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	512.70	98.93
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	572.58	125.58
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	600.25	136.61
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	686.84	173.92
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	908.26	291.56
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,010.21	331.47
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,048.93	317.90
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,389.32	406.20
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,717.32	494.51
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,995.90	600.47
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,297.26	706.44
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,512.90	777.08
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,746.22	861.85
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,211.51	971.35
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,943.22	1,192.11
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	5,792.97	1,942.70
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	7,279.39	2,590.27

23 05 16 00-0181 Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501) (23 05 16 00-0141)

Note: 501BB, 501NN or 501NiNi.

23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	539.51	98.93
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	612.79	125.58
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	633.77	136.61
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	727.05	173.92
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	955.18	291.56
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,057.13	331.47
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,109.25	317.90
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,463.04	406.20
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,804.45	494.51
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,096.43	600.47
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,411.20	706.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0193	EA		16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,633.55	777.08
23 05 16 00-0194	EA		18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,886.97	861.85
23 05 16 00-0195	EA		20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,372.36	971.35
23 05 16 00-0196	EA		24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,137.59	1,192.11
23 05 16 00-0197	EA		30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	6,067.77	1,942.70
23 05 16 00-0198	EA		36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	7,607.80	2,590.27
23 05 16 00-0199			Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) <small>(23 05 16 00-0141)</small>		
23 05 16 00-0200	EA		1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	559.62	98.93
23 05 16 00-0201	EA		2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	626.20	125.58
23 05 16 00-0202	EA		2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	653.87	136.61
23 05 16 00-0203	EA		3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	753.86	173.92
23 05 16 00-0204	EA		4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	988.69	291.56
23 05 16 00-0205	EA		5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,090.64	331.47
23 05 16 00-0206	EA		6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,142.77	317.90
23 05 16 00-0207	EA		8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,509.96	406.20
23 05 16 00-0208	EA		10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,864.78	494.51
23 05 16 00-0209	EA		12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,170.16	600.47
23 05 16 00-0210	EA		14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,484.92	706.44
23 05 16 00-0211	EA		16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,720.68	777.08
23 05 16 00-0212	EA		18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,974.10	861.85
23 05 16 00-0213	EA		20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,479.60	971.35
23 05 16 00-0214	EA		24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,278.34	1,192.11
23 05 16 00-0215			Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) <small>(23 05 16 00-0141)</small>		
Note: Kevlar reinforcement for high temperature.					
23 05 16 00-0216	EA		1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	686.96	98.93
23 05 16 00-0217	EA		2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	733.44	125.58
23 05 16 00-0218	EA		2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	794.62	136.61
23 05 16 00-0219	EA		3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	867.80	173.92
23 05 16 00-0220	EA		4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,216.57	291.56
23 05 16 00-0221	EA		5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,331.93	331.47
23 05 16 00-0222	EA		6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,357.24	317.90
23 05 16 00-0223	EA		8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,617.20	406.20
23 05 16 00-0224	EA		10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,925.10	494.51
23 05 16 00-0225	EA		12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,331.02	600.47
23 05 16 00-0226	EA		14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,753.02	706.44
23 05 16 00-0227	EA		16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,189.84	777.08
23 05 16 00-0228	EA		18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,543.80	861.85
23 05 16 00-0229	EA		20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,163.25	971.35
23 05 16 00-0230	EA		24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	5,397.64	1,192.11
23 05 16 00-0231			Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) <small>(23 05 16 00-0091)</small>		
23 05 16 00-0232			2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) <small>(23 05 16 00-0231)</small>		
23 05 16 00-0233	EA		1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	349.09	70.67
23 05 16 00-0234	EA		1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	392.97	75.85
23 05 16 00-0235	EA		2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	512.26	78.48
23 05 16 00-0236	EA		2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	647.33	85.74
23 05 16 00-0237	EA		3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	916.83	170.24
23 05 16 00-0238	EA		4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,227.11	218.12
23 05 16 00-0239	EA		5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,474.41	237.86
23 05 16 00-0240	EA		6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,601.04	220.76
23 05 16 00-0241	EA		8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,173.50	252.28
23 05 16 00-0242	EA		10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,798.52	300.06
23 05 16 00-0243	EA		12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,854.65	375.74
23 05 16 00-0244			3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) <small>(23 05 16 00-0231)</small>		
23 05 16 00-0245	EA		1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	382.61	70.67
23 05 16 00-0246	EA		1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	426.46	75.85
23 05 16 00-0247	EA		2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	565.88	78.48
23 05 16 00-0248	EA		2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	721.06	85.74

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 16 Expansion Fittings And Loops For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 16 00-0249	EA	3" x 3-5/8" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	997.26	170.24
23 05 16 00-0250	EA	4" x 3-5/8" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,347.76	218.12
23 05 16 00-0251	EA	5" x 4" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,621.86	237.86
23 05 16 00-0252	EA	6" x 4" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,782.00	220.76
23 05 16 00-0253	EA	8" x 6" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,421.49	252.28
23 05 16 00-0254	EA	10" x 6" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	3,126.93	300.06
23 05 16 00-0255	EA	12" x 7" 3 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	4,317.12	375.74

23 05 16 00-0256 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) (23 05 16 00-0231)

23 05 16 00-0257	EA	1" x 3" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	416.12	70.67
23 05 16 00-0258	EA	1-1/2" x 3-1/2" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	520.31	75.85
23 05 16 00-0259	EA	2" x 4" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	653.01	78.48
23 05 16 00-0260	EA	2-1/2" x 4" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	855.10	85.74
23 05 16 00-0261	EA	3" x 5" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,184.92	170.24
23 05 16 00-0262	EA	4" x 5-1/4" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,528.72	218.12
23 05 16 00-0263	EA	5" x 6" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,977.09	237.86
23 05 16 00-0264	EA	6" x 6" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,083.61	220.76
23 05 16 00-0265	EA	8" x 8" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,098.43	252.28
23 05 16 00-0266	EA	10" x 8" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	4,098.78	300.06
23 05 16 00-0267	EA	12" x 9" 5 Arch, Polyetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	5,128.11	375.74

23 05 16 00-0268 Mercer Rubber, Series 450 (23 05 16 00-0091)

23 05 16 00-0269 Expansion Joints, 2 Arch (452) (23 05 16 00-0268)

23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch	421.45	75.85
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch	467.02	78.48
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch	516.63	85.74
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch	730.83	170.24
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch	853.45	218.12
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch	927.44	220.76
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch	1,044.14	252.28
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch	1,380.96	300.06
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch	1,640.06	376.00
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch	1,876.83	381.30
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch	2,274.70	475.52
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch	2,545.29	539.54
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch	2,881.63	607.18
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch	3,459.74	745.47

23 05 16 00-0284 Mercer Rubber, Series 502 And 701 (23 05 16 00-0091)

23 05 16 00-0285 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) (23 05 16 00-0284)

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0286	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	633.34	99.17
23 05 16 00-0287	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	679.82	125.62
23 05 16 00-0288	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	727.60	137.03
23 05 16 00-0289	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	787.37	174.14
23 05 16 00-0290	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,035.61	292.30
23 05 16 00-0291	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,217.99	330.96
23 05 16 00-0292	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,243.30	319.04
23 05 16 00-0293	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,489.85	406.20
23 05 16 00-0294	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,757.54	494.51
23 05 16 00-0295	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,058.41	375.74
23 05 16 00-0296	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,525.14	706.44
23 05 16 00-0297	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,921.75	777.08
23 05 16 00-0298	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,235.49	861.85
23 05 16 00-0299	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,667.27	971.35
23 05 16 00-0300	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,385.58	1,192.11
23 05 16 00-0301	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	6,543.64	1,942.70
23 05 16 00-0302	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	8,264.64	2,590.27
23 05 16 00-0303	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	11,197.23	3,885.40
23 05 16 00-0304	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	13,336.34	4,856.76
23 05 16 00-0305	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	18,259.57	6,993.72

23 05 16 00-0306 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) (23 05 16 00-0284)

Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.

23 05 16 00-0307	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	686.96	99.17
23 05 16 00-0308	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	733.44	125.62
23 05 16 00-0309	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	787.92	137.03
23 05 16 00-0310	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	847.70	174.14
23 05 16 00-0311	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,089.23	292.30
23 05 16 00-0312	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,298.42	330.96
23 05 16 00-0313	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,310.33	319.04
23 05 16 00-0314	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,590.39	406.20
23 05 16 00-0315	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,864.78	494.51
23 05 16 00-0316	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,172.35	375.74
23 05 16 00-0317	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,679.29	706.44
23 05 16 00-0318	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,102.71	777.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0319	EA		18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,436.56	861.85
23 05 16 00-0320	EA		20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,895.15	971.35
23 05 16 00-0321	EA		24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,653.67	1,192.11
23 05 16 00-0322	EA		30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	6,939.09	1,942.70
23 05 16 00-0323	EA		36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	8,733.81	2,590.27
23 05 16 00-0324	EA		42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	11,800.45	3,885.40
23 05 16 00-0325	EA		48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	14,033.39	4,856.76
23 05 16 00-0326	EA		60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	19,211.31	6,993.72
23 05 16 00-0327			2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) <small>(23 05 16 00-0284)</small>		
			Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0328	EA		1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	707.07	99.17
23 05 16 00-0329	EA		2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	773.65	125.62
23 05 16 00-0330	EA		2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	821.43	137.03
23 05 16 00-0331	EA		3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	887.91	174.14
23 05 16 00-0332	EA		4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,142.85	292.30
23 05 16 00-0333	EA		5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,338.63	330.96
23 05 16 00-0334	EA		6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,377.35	319.04
23 05 16 00-0335	EA		8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,644.01	406.20
23 05 16 00-0336	EA		10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,931.80	494.51
23 05 16 00-0337	EA		12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,252.78	375.74
23 05 16 00-0338	EA		14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,759.72	706.44
23 05 16 00-0339	EA		16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,209.95	777.08
23 05 16 00-0340	EA		18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,557.21	861.85
23 05 16 00-0341	EA		20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,056.01	971.35
23 05 16 00-0342	EA		24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,801.13	1,192.11
23 05 16 00-0343	EA		30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,959.19	1,942.70
23 05 16 00-0344	EA		36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	9,001.90	2,590.27
23 05 16 00-0345	EA		42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	12,175.78	3,885.40
23 05 16 00-0346	EA		48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	14,448.94	4,856.76
23 05 16 00-0347	EA		60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	19,774.31	6,993.72
23 05 16 00-0348			2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) <small>(23 05 16 00-0284)</small>		
			Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0349	EA		1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	740.58	99.17
23 05 16 00-0350	EA		2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	787.06	125.62

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0351	EA	2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	841.54	137.03
23 05 16 00-0352	EA	3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	921.42	174.14
23 05 16 00-0353	EA	4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,169.66	292.30
23 05 16 00-0354	EA	5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,392.25	330.96
23 05 16 00-0355	EA	6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,430.97	319.04
23 05 16 00-0356	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,697.63	406.20
23 05 16 00-0357	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,998.82	494.51
23 05 16 00-0358	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,346.61	375.74
23 05 16 00-0359	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,853.56	706.44
23 05 16 00-0360	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,330.59	777.08
23 05 16 00-0361	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,691.26	861.85
23 05 16 00-0362	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,203.46	971.35
23 05 16 00-0363	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,955.28	1,192.11
23 05 16 00-0364	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	7,401.55	1,942.70
23 05 16 00-0365	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	9,323.62	2,590.27
23 05 16 00-0366	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	12,551.12	3,885.40
23 05 16 00-0367	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	14,770.66	4,856.76
23 05 16 00-0368	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	20,203.26	6,993.72

23 05 16 00-0369 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V) (23 05

16 00-0284)

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0370	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	914.84	99.17
23 05 16 00-0371	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,001.53	125.62
23 05 16 00-0372	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,069.42	137.03
23 05 16 00-0373	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,417.40	174.14
23 05 16 00-0374	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,880.11	292.30
23 05 16 00-0375	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,290.37	330.96
23 05 16 00-0376	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,463.14	319.04
23 05 16 00-0377	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,172.16	406.20
23 05 16 00-0378	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,183.81	494.51
23 05 16 00-0379	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,799.69	375.74
23 05 16 00-0380	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	5,527.81	706.44
23 05 16 00-0381	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,735.41	777.08
23 05 16 00-0382	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,471.41	861.85
23 05 16 00-0383	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	8,761.09	971.35
23 05 16 00-0384	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	11,463.31	1,192.11
23 05 16 00-0385	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	19,184.37	1,942.70
23 05 16 00-0386	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	24,149.33	2,590.27
23 05 16 00-0387	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	31,800.41	3,885.40
23 05 16 00-0388	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	37,304.12	4,856.76
23 05 16 00-0389	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	49,626.80	6,993.72

23 05 16 00-0390 Teflon Lined Expansion Joints (Mercer 701) (23 05 16 00-0284)

Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.

23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	630.88	75.85
		For Hypalon Tube And Cover, Add	9.58	
		For Viton Tube And Cover, Add	479.22	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint (Mercer 701)	730.09	78.48
		For Hypalon Tube And Cover, Add	11.46	
		For Viton Tube And Cover, Add	573.06	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	829.94	85.74
		For Hypalon Tube And Cover, Add	13.17	
		For Viton Tube And Cover, Add	658.51	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint (Mercer 701)	1,071.12	170.24
		For Hypalon Tube And Cover, Add	14.61	
		For Viton Tube And Cover, Add	730.56	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint (Mercer 701)	1,321.18	218.22
		For Hypalon Tube And Cover, Add	17.69	
		For Viton Tube And Cover, Add	884.72	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint (Mercer 701)	1,556.16	237.65
		For Hypalon Tube And Cover, Add	21.62	
		For Viton Tube And Cover, Add	1,080.76	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint (Mercer 701)	1,611.09	220.76
		For Hypalon Tube And Cover, Add	23.39	
		For Viton Tube And Cover, Add	1,169.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0398	EA		8" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	1,925.10 28.42 1,420.91	252.11
23 05 16 00-0399	EA		10" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	2,414.80 36.29 1,814.67	300.06
23 05 16 00-0400	EA		12" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	3,082.75 46.62 2,330.76	376.00
23 05 16 00-0401	EA		14" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	3,437.39 53.49 2,674.26	381.57
23 05 16 00-0402	EA		16" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	4,268.67 66.35 3,317.69	475.52
23 05 16 00-0403	EA		18" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	4,761.94 73.63 3,681.29	540.34
23 05 16 00-0404	EA		20" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	5,556.85 86.90 4,344.83	606.03
23 05 16 00-0405	EA		24" Teflon Lined Expansion Joint (Mercer 701)..... <i>For Hypalon Tube And Cover, Add</i> <i>For Viton Tube And Cover, Add</i>	7,233.69 114.81 5,740.61	746.52
23 05 16 00-0406			Accessories For Mercer Rubber, Series 451 And 501 <small>(23 05 16 00-0091)</small>		
23 05 16 00-0407			Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints <small>(23 05 16 00-0406)</small>		
23 05 16 00-0408	EA		1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	25.47	
23 05 16 00-0409	EA		2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	32.17	
23 05 16 00-0410	EA		2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	36.19	
23 05 16 00-0411	EA		3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	38.87	
23 05 16 00-0412	EA		4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	57.64	
23 05 16 00-0413	EA		5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	71.05	
23 05 16 00-0414	EA		6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	77.75	
23 05 16 00-0415	EA		8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	85.79	
23 05 16 00-0416	EA		10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	109.92	
23 05 16 00-0417	EA		12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	130.03	
23 05 16 00-0418	EA		14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	174.26	
23 05 16 00-0419	EA		16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	187.67	
23 05 16 00-0420	EA		18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	201.07	
23 05 16 00-0421	EA		20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	221.18	
23 05 16 00-0422	EA		24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	274.80	
23 05 16 00-0423	EA		30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	341.82	
23 05 16 00-0424	EA		36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	415.55	
23 05 16 00-0425	EA		42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	589.81	
23 05 16 00-0426	EA		48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints.....	703.75	
23 05 16 00-0427			Control Rods For Mercer 451 And 501 Expansion Joints <small>(23 05 16 00-0406)</small>		
23 05 16 00-0428	SET		1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	61.75	
23 05 16 00-0429	SET		2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	78.09	
23 05 16 00-0430	SET		2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	90.80	
23 05 16 00-0431	SET		3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	108.96	
23 05 16 00-0432	SET		4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	108.96	
23 05 16 00-0433	SET		5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	118.05	
23 05 16 00-0434	SET		6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	136.21	
23 05 16 00-0435	SET		8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2.....	199.77	
23 05 16 00-0436	SET		10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	390.46	
23 05 16 00-0437	SET		12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	535.74	
23 05 16 00-0438	SET		14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	799.08	
23 05 16 00-0439	SET		16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	898.96	
23 05 16 00-0440	SET		18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	1,198.61	
23 05 16 00-0441	SET		20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	1,280.34	
23 05 16 00-0442	SET		24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	1,443.78	
23 05 16 00-0443	SET		30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	2,115.73	
23 05 16 00-0444	SET		36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5.....	3,114.58	
23 05 16 00-0445	SET		42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3.....	2,106.65	
23 05 16 00-0446	SET		48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	2,769.52	
23 05 16 00-0447	SET		60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4.....	4,322.27	
23 05 17			Sleeves and Sleeve Seals for HVAC Piping <small>(23 05)</small>		
23 05 17 00-0001			Wall Seals And Sleeves <small>(23 05 17)</small> Note: Up to 12" walls. Excludes drilling hole.		
23 05 17 00-0002			Ductile Iron Wall Sleeve <small>(23 05 17 00-0001)</small> Note: Includes rubber gasket seal.		
23 05 17 00-0003	EA		3" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	105.87	44.83
23 05 17 00-0004	EA		4" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	129.26	52.36
23 05 17 00-0005	EA		6" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	157.49	62.81
23 05 17 00-0006	EA		8" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	225.92	94.17
23 05 17 00-0007	EA		10" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	292.57	125.53
23 05 17 00-0008	EA		12" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	361.66	156.99

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 17 Sleeves and Sleeve Seals for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 17 00-0009		Steel Pipe Sleeves <small>(23 05 17 00-0001)</small>		
Note: Includes link seals 12" length.				
23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals.....	112.71	45.44
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals.....	134.31	49.26
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals.....	155.32	53.07
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals.....	189.59	63.66
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals.....	265.07	79.51
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals.....	486.97	95.45
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals.....	577.10	119.31
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals.....	763.18	146.81
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals.....	1,039.23	190.91
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals.....	1,142.55	238.64

23 05 19 Meters And Gages For HVAC Piping (23 05)

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001		Thermometers <small>(23 05 19)</small>		
23 05 19 00-0002		Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers <small>(23 05 19 00-0001)</small>		
Note: Various ranges.				
23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	101.38	32.74
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	119.28	32.74
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	119.28	32.74
23 05 19 00-0006		Liquid Filled Industrial Union Connection Type Thermometers <small>(23 05 19 00-0001)</small>		
Note: Various ranges.				
23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	137.19	32.74
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	137.19	32.74
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	174.62	32.74
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	142.07	32.74
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	150.21	32.74
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	179.50	32.74
23 05 19 00-0013		Liquid Filled Industrial Separable Socket Type Thermometers <small>(23 05 19 00-0001)</small>		
Note: Various ranges. Socket connection for thermowell.				
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	137.19	32.74
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	137.19	32.74
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	174.62	32.74
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	158.34	32.74
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	174.62	32.74
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	178.77	32.74
23 05 19 00-0020		1" NPT, 304 Stainless Steel Thermowells <small>(23 05 19 00-0001)</small>		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	152.91	61.38
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	152.85	61.38
23 05 19 00-0023		Pressure Gauges <small>(23 05 19)</small>		
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	36.00	12.79
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	45.60	12.79
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	193.45	12.79
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	193.45	12.79
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	250.47	12.79
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	586.22	12.79
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
Note: Liquid filled.				
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	93.19	12.79
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	201.32	12.79
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	316.93	12.79
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	316.93	12.79
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	316.93	12.79
23 05 19 00-0039		Gauge Accessories <small>(23 05 19 00-0023)</small>		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer).....	68.01	10.23
23 05 19 00-0041	EA	1/4" Snubber Valve	44.66	10.23
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	28.58	15.35
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	25.32	15.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0044	EA		1/4" Pressure Pigtail Steam Siphon	27.20	15.35
23 05 19 00-0045	EA		1/4" x 3" Long Black Steel Nipple	5.87	5.12
23 05 19 00-0046	EA		1/4" Steel Thread-O-Let	61.94	25.58
23 05 19 00-0047	EA		1/4", 300 LB, Black Steel Union	58.60	10.23
23 05 19 00-0048	EA		1/4" Black Steel Coupling	21.87	10.23
23 05 19 00-0049	EA		1/4", 300 LB, Black Steel Plug	12.60	6.13
23 05 19 00-0050	EA		1/4", 150 LB, Black Steel Cap	13.07	6.13
23 05 19 00-0051	LF		1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.80	3.38
23 05 19 00-0052	LF		1/4" Schedule 80, Plain End, Black Steel Pipe	6.43	3.38
23 05 19 00-0053	LF		1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.34	
23 05 19 00-0054	EA		1/4" Threaded, 800 LB, Forged Steel, Ball Valve	82.40	
23 05 19 00-0055			Valve Lock Covers (23 05 19)		
23 05 19 00-0056	EA		Valve Lock Cover	59.51	15.65
23 05 19 00-0057			Venturi Flowmeters (23 05 19)		
23 05 19 00-0058			Threaded, Brass, Venturi Flowmeters (23 05 19 00-0057)		
23 05 19 00-0059	EA		3/4" Threaded, Brass, Venturi Flowmeter	221.94	69.56
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0060	EA		1" Threaded, Brass, Venturi Flowmeter	247.15	83.48
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0061	EA		1-1/4" Threaded, Brass, Venturi Flowmeter	272.81	92.79
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0062	EA		1-1/2" Threaded, Brass, Venturi Flowmeter	307.42	104.35
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0063	EA		2" Threaded, Brass, Venturi Flowmeter	364.44	119.29
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0064	EA		2-1/2" Threaded, Brass, Venturi Flowmeter	493.05	157.49
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0065			Butt Weld, Carbon Steel, Venturi Flowmeters (23 05 19 00-0057)		
23 05 19 00-0066	EA		3" Butt Weld, Carbon Steel, Venturi Flowmeter	833.86	143.18
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	191.63	
23 05 19 00-0067	EA		4" Butt Weld, Carbon Steel, Venturi Flowmeter	1,128.40	171.81
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	274.67	
23 05 19 00-0068	EA		5" Butt Weld, Carbon Steel, Venturi Flowmeter	1,469.81	214.77
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	364.10	
23 05 19 00-0069	EA		6" Butt Weld, Carbon Steel, Venturi Flowmeter	1,777.24	286.35
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	421.59	
23 05 19 00-0070	EA		8" Butt Weld, Carbon Steel, Venturi Flowmeter	2,530.56	343.63
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	645.16	
23 05 19 00-0071	EA		10" Butt Weld, Carbon Steel, Venturi Flowmeter	4,016.40	429.53
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	1,105.07	
23 05 19 00-0072	EA		12" Butt Weld, Carbon Steel, Venturi Flowmeter	5,949.37	583.88
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	1,673.57	
23 05 19 00-0073	EA		14" Butt Weld, Carbon Steel, Venturi Flowmeter	8,394.79	875.81
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	2,325.11	
23 05 19 00-0074	EA		16" Butt Weld, Carbon Steel, Venturi Flowmeter	12,257.76	973.12
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
			<i>For Flanged Ends, Add</i>	3,609.03	
23 05 19 00-0075			Turbine Flowmeter (23 05 19)		
23 05 19 00-0076	EA		Saddle Mount Turbine Flowmeter	567.33	76.73
23 05 19 00-0077			Sight Flow Indicator (23 05 19)		
23 05 19 00-0078			Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0077)		
23 05 19 00-0079	EA		1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	109.49	14.89
23 05 19 00-0080	EA		3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	114.44	15.67
23 05 19 00-0081	EA		1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	123.51	16.47
23 05 19 00-0082	EA		3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	140.40	22.19
23 05 19 00-0083	EA		1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	168.00	26.89
23 05 19 00-0084	EA		1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	192.49	34.05
23 05 19 00-0085	EA		1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	267.82	39.37

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 19 Meters And Gages For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 19 00-0086	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	298.35	46.53
23 05 19 00-0087 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0077)				
23 05 19 00-0088	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	139.89	14.89
23 05 19 00-0089	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	144.17	15.67
23 05 19 00-0090	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	155.26	16.47
23 05 19 00-0091	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	167.42	22.19
23 05 19 00-0092	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	179.48	26.89
23 05 19 00-0093	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	197.22	34.05
23 05 19 00-0094	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	359.70	39.37
23 05 19 00-0095	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	387.52	46.53
23 05 19 00-0096 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (23 05 19 00-0077)				
23 05 19 00-0097	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	198.67	14.89
23 05 19 00-0098	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	209.70	15.67
23 05 19 00-0099	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	227.55	16.47
23 05 19 00-0100	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	249.84	22.19
23 05 19 00-0101	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	287.57	26.89
23 05 19 00-0102	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	307.33	34.05
23 05 19 00-0103	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	602.90	39.37
23 05 19 00-0104	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	637.47	46.53
23 05 19 00-0105 Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators (23 05 19 00-0077)				
23 05 19 00-0106	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	137.87	14.89
23 05 19 00-0107	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	143.49	15.67
23 05 19 00-0108	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	151.89	16.47
23 05 19 00-0109	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	166.74	22.19
23 05 19 00-0110	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	178.81	26.89
23 05 19 00-0111	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	197.22	34.05
23 05 19 00-0112	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	355.65	39.37
23 05 19 00-0113	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	382.12	46.53
23 05 19 00-0114 Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators (23 05 19 00-0077)				
23 05 19 00-0115	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	197.32	14.89
23 05 19 00-0116	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	212.40	15.67
23 05 19 00-0117	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	231.60	16.47
23 05 19 00-0118	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	249.84	22.19
23 05 19 00-0119	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	287.57	26.89
23 05 19 00-0120	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	310.04	34.05
23 05 19 00-0121	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	602.90	39.37
23 05 19 00-0122	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	637.47	46.53
23 05 19 00-0123 Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators (23 05 19 00-0077)				
23 05 19 00-0124	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	292.97	26.89
23 05 19 00-0125	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	331.65	34.05
23 05 19 00-0126	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	377.26	39.37
23 05 19 00-0127	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	425.35	46.53
23 05 19 00-0128 Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators (23 05 19 00-0077)				
23 05 19 00-0129	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	649.68	107.39
23 05 19 00-0130	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	731.49	136.33
23 05 19 00-0131	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,062.71	160.10
23 05 19 00-0132	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,613.47	268.40
23 05 19 00-0133	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	2,563.47	317.79

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 19 00-0134 Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow

	Indicators (23 05 19 00-0077)		
23 05 19 00-0135	EA 1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	496.42	76.70
23 05 19 00-0136	EA 1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	585.41	89.49
23 05 19 00-0137	EA 1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	635.83	107.39
23 05 19 00-0138	EA 2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	797.36	136.33
23 05 19 00-0139	EA 3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,143.44	160.10
23 05 19 00-0140	EA 4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,700.95	268.40

23 05 19 00-0141 Flowmeters (23 05 19)**23 05 19 00-0142 Polyvinyl Chloride (PVC) Turbine Flowmeters (23 05 19 00-0141)**

23 05 19 00-0143	EA 2", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,481.47	175.86
23 05 19 00-0144	EA 3", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,742.76	187.52
23 05 19 00-0145	EA 4", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,996.24	195.40
23 05 19 00-0146	EA 6", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,483.10	200.93
23 05 19 00-0147	EA 2", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,419.22	136.37
23 05 19 00-0148	EA 3", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,763.69	173.92
23 05 19 00-0149	EA 4", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,208.71	291.57
23 05 19 00-0150	EA 6", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,899.98	368.30
23 05 19 00-0151	EA 2", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	2,397.19	175.86
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0152	EA 3", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	2,658.48	187.52
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0153	EA 4", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	2,911.96	195.40
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0154	EA 6", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	3,398.82	200.93
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0155	EA 2", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	2,334.95	136.37
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0156	EA 3", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	2,679.42	173.92
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0157	EA 4", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	3,124.43	291.57
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0158	EA 6", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	3,815.70	368.30
	<i>For Analog Output, Add</i>	<i>75.00</i>	
23 05 19 00-0159	EA 2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,159.34	175.86
23 05 19 00-0160	EA 3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,420.63	187.52
23 05 19 00-0161	EA 4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,674.11	195.40
23 05 19 00-0162	EA 6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,160.97	200.93
23 05 19 00-0163	EA 2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,278.26	175.97
23 05 19 00-0164	EA 3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,599.02	187.73
23 05 19 00-0165	EA 4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,911.96	195.40
23 05 19 00-0166	EA 6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,517.75	201.03
23 05 19 00-0167	EA 2", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,611.26	175.86
23 05 19 00-0168	EA 3", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,872.54	187.52
23 05 19 00-0169	EA 4", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,126.03	195.40
23 05 19 00-0170	EA 6", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,612.89	200.93
23 05 19 00-0171	EA 2", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,549.01	136.37
23 05 19 00-0172	EA 3", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,893.48	173.92
23 05 19 00-0173	EA 4", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,338.49	291.57
23 05 19 00-0174	EA 6", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	4,029.77	368.30

23 05 19 00-0175 Flanged, Main Line Flowmeters (23 05 19 00-0141)

Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.

23 05 19 00-0176 150 LB, Flanged, Main Line Flow Meters (23 05 19 00-0175)

23 05 19 00-0177	EA 2" x 14" Long, 150 LB, Flanged, Main Line Flow Meter	2,095.55	136.37
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0178	EA 2-1/2" x 16" Long, 150 LB, Flanged, Main Line Flow Meter	2,111.05	148.80
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0179	EA 3" x 16" Long, 150 LB, Flanged, Main Line Flow Meter	2,142.71	174.14
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0180	EA 4" x 20" Long, 150 LB, Flanged, Main Line Flow Meter	2,649.09	292.30
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0181	EA 6" x 22" Long, 150 LB, Flanged, Main Line Flow Meter	3,108.96	368.30
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0182	EA 8" x 24" Long, 150 LB, Flanged, Main Line Flow Meter	3,749.12	470.60
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0183	EA 10" x 26" Long, 150 LB, Flanged, Main Line Flow Meter	4,633.56	552.32
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0184	EA 12" x 28" Long, 150 LB, Flanged, Main Line Flow Meter	5,349.81	670.68
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0185	EA 14" x 42" Long, 150 LB, Flanged, Main Line Flow Meter	6,520.79	789.03
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0186	EA 16" x 48" Long, 150 LB, Flanged, Main Line Flow Meter	7,368.55	867.94
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0187	EA 18" x 54" Long, 150 LB, Flanged, Main Line Flow Meter	8,242.86	962.62
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0188	EA 20" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	9,476.30	1,084.91
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	
23 05 19 00-0189	EA 24" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	12,551.76	1,331.49
	<i>For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add</i>	<i>165.00</i>	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 19 Meters And Gages For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 19 00-0190	EA	30" x 60" Long, 150 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	16,260.26 165.00	2,169.83
23 05 19 00-0191	EA	36" x 60" Long, 150 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	19,870.31 165.00	2,893.11
23 05 19 00-0192		300 LB, Flanged, Main Line Flow Meters (23 05 19 00-0175)		
23 05 19 00-0193	EA	2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	2,363.43 165.00	136.40
23 05 19 00-0194	EA	2-1/2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	2,378.93 165.00	148.80
23 05 19 00-0195	EA	3" x 20" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	2,410.59 165.00	174.14
23 05 19 00-0196	EA	4" x 24" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	2,855.67 165.00	291.57
23 05 19 00-0197	EA	6" x 26" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	3,463.09 165.00	368.30
23 05 19 00-0198	EA	8" x 28" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	4,323.45 165.00	470.60
23 05 19 00-0199	EA	10" x 30" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	5,759.53 165.00	552.32
23 05 19 00-0200	EA	12" x 32" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	7,270.31 165.00	670.68
23 05 19 00-0201	EA	14" x 42" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	8,695.55 165.00	789.03
23 05 19 00-0202	EA	16" x 48" Long, 300 LB, Flanged, Main Line Flow Meter For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	9,979.16 165.00	867.94
23 05 19 00-0203		Adjustable, Insertion Turbine Flowmeters (23 05 19 00-0141)		
23 05 19 00-0204	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	1,805.03	102.30
23 05 19 00-0205	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter.....	1,850.43	102.30
23 05 19 00-0206	EA	For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter.....	1,475.71	204.61
23 05 19 00-0207	EA	For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter.....	1,623.42	102.30
23 05 19 00-0208	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter.....	2,122.84	102.30
23 05 19 00-0209	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter.....	2,168.25	102.30
23 05 19 00-0210		Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0141)		
		Note: AWWA C-701, Class II.		
23 05 19 00-0211		Meters With Mechanical Display (23 05 19 00-0210)		
23 05 19 00-0212	EA	2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	1,686.50	175.97
23 05 19 00-0213	EA	3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	2,052.72	187.73
23 05 19 00-0214	EA	4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	2,563.24	195.40
23 05 19 00-0215	EA	6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	3,580.05	201.03
23 05 19 00-0216	EA	8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	4,993.00	217.39
23 05 19 00-0217		Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0210)		
23 05 19 00-0218	EA	2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter.....	1,854.49	175.97
23 05 19 00-0219	EA	3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter.....	2,225.25	187.73
23 05 19 00-0220	EA	4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter.....	2,758.46	195.40
23 05 19 00-0221	EA	6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter.....	3,757.12	201.03
23 05 19 00-0222	EA	8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter.....	5,158.72	217.39
23 05 19 00-0223		Bronze High-Volume Turbine Meters (23 05 19 00-0141)		
		Note: AWWA C-701, Class II.		
23 05 19 00-0224		Mechanical Display, Bronze High-Volume Turbine Meters (23 05 19 00-0223)		
23 05 19 00-0225	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,305.64	153.46
23 05 19 00-0226	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,504.89	175.97
23 05 19 00-0227	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,204.82	187.73
23 05 19 00-0228	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	3,187.51	195.40
23 05 19 00-0229	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	5,623.14	201.03
23 05 19 00-0230		Electrical Output, Bronze High-Volume Turbine Meters (23 05 19 00-0223)		
23 05 19 00-0231	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter.....	1,478.17	153.46
23 05 19 00-0232	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter.....	1,679.69	175.97
23 05 19 00-0233	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter.....	2,377.35	187.73
23 05 19 00-0234	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter.....	3,360.04	195.40
23 05 19 00-0235	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter.....	5,936.41	201.03
23 05 19 00-0236		Multi-Jet Meters (23 05 19 00-0141)		
23 05 19 00-0237		Hostile Environment Multi-Jet Meters (23 05 19 00-0236)		
		Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.		
23 05 19 00-0238	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	763.13	32.22
23 05 19 00-0239	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	895.68	42.46
23 05 19 00-0240	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,096.23	48.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 19 00-0241	EA		1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,821.38	63.94
23 05 19 00-0242	EA		2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	2,581.97	73.15

23 05 19 00-0243 High-Pressure Multi-Jet Meters (23 05 19 00-0236)

Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.

23 05 19 00-0244	EA		3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	2,230.49	42.46
23 05 19 00-0245	EA		1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	3,180.19	48.60
23 05 19 00-0246	EA		1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	5,773.63	63.94
23 05 19 00-0247	EA		2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	7,310.59	73.15

23 05 19 00-0248 Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters (23 05 19 00-0141)

23 05 19 00-0249	EA		3", 45 To 250 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	2,811.12	341.59
23 05 19 00-0250	EA		4", 55 To 500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	2,975.99	291.57
23 05 19 00-0251	EA		6", 120 To 1,200 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	3,299.64	368.30
23 05 19 00-0252	EA		8", 150 To 1,500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter.....	4,103.26	470.60

23 05 19 00-0253 In-Line Flowmeters (23 05 19 00-0141)

23 05 19 00-0254 Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton (23 05 19 00-0253)

23 05 19 00-0255	EA		3/4" In Line Flowmeter	317.98	42.46
23 05 19 00-0256	EA		1" In Line Flowmeter	330.26	48.60
23 05 19 00-0257	EA		1-1/2" In Line Flowmeter.....	481.71	63.94
23 05 19 00-0258	EA		3/4" In Line Flowmeter With SPDP Switch.....	422.02	42.46
23 05 19 00-0259	EA		1" In Line Flowmeter With SPDP Switch.....	434.30	48.60
23 05 19 00-0260	EA		1-1/2" In Line Flowmeter With SPDP Switch	633.67	63.94

23 05 19 00-0261 Water Flow Switches (23 05 19)

23 05 19 00-0262	EA		Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	194.99	30.15
23 05 19 00-0263	EA		Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	201.18	30.15
23 05 19 00-0264	EA		Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	253.42	30.15
23 05 19 00-0265	EA		Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	261.34	30.15
23 05 19 00-0266	EA		Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1).....	209.09	30.15
23 05 19 00-0267	EA		Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	216.30	30.15
23 05 19 00-0268	EA		Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	267.52	30.15
23 05 19 00-0269	EA		Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	274.74	30.15
23 05 19 00-0270	EA		Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1).....	507.08	30.15
23 05 19 00-0271	EA		Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1).....	514.07	30.15
23 05 19 00-0272	EA		Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1).....	580.48	30.15
23 05 19 00-0273	EA		Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	590.10	30.15
23 05 19 00-0274	EA		Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1).....	523.68	30.15
23 05 19 00-0275	EA		Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1).....	533.29	30.15
23 05 19 00-0276	EA		Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1).....	597.09	30.15
23 05 19 00-0277	EA		Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	607.58	30.15

23 05 23 General-Duty Valves For HVAC Piping (23 05)

Note: Flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

23 05 23 00-0001 Triple Duty Valves (23 05 23)

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

23 05 23 00-0002 Straight Pattern, Triple Duty Valves (23 05 23 00-0001)

Note: Bell & Gossett 3DX and 3DS-S Series.

23 05 23 00-0003	EA		1" Threaded, Straight Pattern, Triple Duty Valve	244.58	10.74
23 05 23 00-0004	EA		1-1/4" Threaded, Straight Pattern, Triple Duty Valve	284.10	13.60
23 05 23 00-0005	EA		1-1/2" Threaded, Straight Pattern, Triple Duty Valve	309.03	15.75
23 05 23 00-0006	EA		2" Flanged, Straight Pattern, Triple Duty Valve	796.79	136.33
23 05 23 00-0007	EA		2-1/2" Flanged, Straight Pattern, Triple Duty Valve	894.75	136.55
23 05 23 00-0008	EA		3" Flanged, Straight Pattern, Triple Duty Valve	981.49	160.10
23 05 23 00-0009	EA		4" Flanged, Straight Pattern, Triple Duty Valve	1,999.37	268.40
23 05 23 00-0010	EA		5" Flanged, Straight Pattern Triple Duty Valve	2,318.77	286.02
23 05 23 00-0011	EA		6" Flanged, Straight Pattern, Triple Duty Valve	3,076.80	317.79
23 05 23 00-0012	EA		8" Flanged, Straight Pattern, Triple Duty Valve	4,140.07	406.07
23 05 23 00-0013	EA		10" Flanged, Straight Pattern, Triple Duty Valve	6,622.13	494.35

23 05 23 00-0014 Flanged, Angle Pattern, Triple Duty Valves (23 05 23 00-0001)

Note: Bell & Gossett 3D-S Series.

23 05 23 00-0015	EA		2" Flanged, Angle Pattern, Triple Duty Valve.....	778.79	136.33
23 05 23 00-0016	EA		2-1/2" Flanged, Angle Pattern, Triple Duty Valve	873.15	136.55
23 05 23 00-0017	EA		3" Flanged, Angle Pattern, Triple Duty Valve.....	963.49	160.10
23 05 23 00-0018	EA		4" Flanged, Angle Pattern, Triple Duty Valve.....	1,952.58	268.40
23 05 23 00-0019	EA		5" Flanged, Angle Pattern, Triple Duty Valve	2,261.18	286.02
23 05 23 00-0020	EA		6" Flanged, Angle Pattern, Triple Duty Valve.....	2,536.86	317.79
23 05 23 00-0021	EA		8" Flanged, Angle Pattern, Triple Duty Valve.....	3,884.49	406.07
23 05 23 00-0022	EA		10" Flanged, Angle Pattern, Triple Duty Valve.....	5,185.87	494.35

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0023 Balanced, Straight Pattern, Triple Duty Valves (23 05 23 00-0001). Note: Bell & Gossett 3DS-B Series. Includes items 23 05 23 00-0024 to 23 05 23 00-0032.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0033 Grooved Straight Pattern, Triple Duty Valves (23 05 23 00-0001). Note: Bell & Gossett 3DS-G Series. Includes items 23 05 23 00-0034 to 23 05 23 00-0042.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0043 Plug Valves (23 05 23). Section: 23 05 23 00-0044 Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (23 05 23 00-0043). Note: Includes wrench. Includes items 23 05 23 00-0045 to 23 05 23 00-0052.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0053 Plug Valves, Lubricated, Semisteel Flanged (23 05 23 00-0043). Note: Wrench operated for 4", gear operated for 6" and 10". Includes items 23 05 23 00-0054 to 23 05 23 00-0061.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0062 Plug Valves, Forged Steel, Screwed (23 05 23 00-0043). Includes items 23 05 23 00-0063 to 23 05 23 00-0068.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0069 Plug Valves, Eccentric, Cast Iron Flanged (23 05 23 00-0043). Includes items 23 05 23 00-0070 to 23 05 23 00-0074.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0075 Foot Valves (23 05 23). Section: 23 05 23 00-0076 Single Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075). Includes items 23 05 23 00-0077 to 23 05 23 00-0082.

Table with 4 columns: Item ID, Description, Unit Cost, Demolition Cost. Section: 23 05 23 00-0083 Double Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075). Includes items 23 05 23 00-0084 to 23 05 23 00-0087.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0088 EA 3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	476.00	60.36
23 05 23 00-0089 EA 4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	648.27	72.63
23 05 23 00-0090 Float Valves (23 05 23)		
23 05 23 00-0091 Float Valve Assembly For Maintaining Liquid Level In Tanks (23 05 23 00-0090)		
23 05 23 00-0092 Single Seat, Bronze Construction (23 05 23 00-0091)		
Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0093 EA Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	204.51	21.48
23 05 23 00-0094 EA Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	234.30	25.57
23 05 23 00-0095 EA Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	304.78	27.62
23 05 23 00-0096 EA Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	509.93	34.78
23 05 23 00-0097 EA Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	520.16	39.88
23 05 23 00-0098 Double Seat, Bronze Construction (23 05 23 00-0091)		
Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0099 EA Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	1,109.05	21.48
23 05 23 00-0100 EA Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	1,117.23	25.57
23 05 23 00-0101 EA Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	1,289.90	27.62
23 05 23 00-0102 EA Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,425.37	34.78
23 05 23 00-0103 EA Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,629.44	39.88
23 05 23 00-0104 EA Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,138.04	47.04
23 05 23 00-0105 EA Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,485.20	63.09
23 05 23 00-0106 EA Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	2,989.56	72.52
23 05 23 00-0107 Float Valve Single Seated Balanced For Air Oil Or Water (23 05 23 00-0090)		
Note: Includes arm, ball and bracket.		
23 05 23 00-0108 Brass Body Threaded Ends (23 05 23 00-0107)		
23 05 23 00-0109 EA 1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	214.15	27.72
23 05 23 00-0110 EA 3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	242.16	30.79
23 05 23 00-0111 EA 1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	300.49	34.05
23 05 23 00-0112 EA 1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	480.22	55.03
23 05 23 00-0113 EA 1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	502.30	62.70
23 05 23 00-0114 EA 2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	564.64	77.73
23 05 23 00-0115 Cast Iron Body Flanged (23 05 23 00-0107)		
23 05 23 00-0116 EA 2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	6,984.06	136.55
23 05 23 00-0117 EA 3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	8,445.20	160.10
23 05 23 00-0118 Float Operated Valves (23 05 23 00-0090)		
23 05 23 00-0119 For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0120 EA 1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	774.37	48.07
23 05 23 00-0121 For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0122 EA 3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	971.69	89.46
23 05 23 00-0123 Needle Valves (23 05 23)		
23 05 23 00-0124 Bronze Needle Valve (23 05 23 00-0123)		
Note: For heating and cooling applications.		
23 05 23 00-0125 EA 1/4" Needle Valve, Bronze.....	106.15	10.22
23 05 23 00-0126 EA 3/8" Needle Valve, Bronze.....	118.48	10.22
23 05 23 00-0127 EA 1/2" Needle Valve, Bronze.....	129.67	10.22
23 05 23 00-0128 EA 3/4" Needle Valve, Bronze.....	197.16	11.25
23 05 23 00-0129 EA 1" Needle Valve, Bronze.....	302.91	12.79
23 05 23 00-0130 Eccentric Valves With Taps (23 05 23)		
23 05 23 00-0131 Screwed Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0132 EA 1/2" Diameter Eccentric Valves With Taps, Screwed.....	151.04	10.22
23 05 23 00-0133 EA 3/4" Diameter Eccentric Valves With Taps, Screwed.....	164.33	11.25
23 05 23 00-0134 EA 1" Diameter Eccentric Valves With Taps, Screwed.....	206.38	12.79
23 05 23 00-0135 EA 1-1/4" Diameter Eccentric Valves With Taps, Screwed	251.61	13.60
23 05 23 00-0136 EA 1-1/2" Diameter Eccentric Valves With Taps, Screwed	276.62	15.75
23 05 23 00-0137 EA 2" Diameter Eccentric Valves With Taps, Screwed	325.44	18.61
23 05 23 00-0138 EA 2-1/2" Diameter Eccentric Valves With Taps, Screwed	485.15	25.14
23 05 23 00-0139 EA 3" Diameter Eccentric Valves With Taps, Screwed.....	586.19	29.20
23 05 23 00-0140 Flanged Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0141 EA 2-1/2" Diameter Eccentric Valves With Taps, Flanged	598.00	136.55
23 05 23 00-0142 EA 3" Diameter Eccentric Valves With Taps, Flanged.....	708.87	160.10
23 05 23 00-0143 EA 4" Diameter Eccentric Valves With Taps, Flanged.....	981.05	268.40
23 05 23 00-0144 EA 5" Diameter Eccentric Valves With Taps, Flanged.....	1,265.01	286.02

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0145	EA		6" Diameter Eccentric Valves With Taps, Flanged.....	1,579.12	317.79
23 05 23 00-0146	EA		8" Diameter Eccentric Valves With Taps, Flanged.....	2,638.32	406.07
23 05 23 00-0147	EA		10" Diameter Eccentric Valves With Taps, Flanged.....	3,659.86	494.35
23 05 23 00-0148	EA		12" Diameter Eccentric Valves With Taps, Flanged.....	6,151.85	600.28
23 05 23 00-0149			Earthquake-Sensitive Gas Shut-Off Valve (23 05 23)		
23 05 23 00-0150			0.5 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0151	EA		3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	155.52	11.25
23 05 23 00-0152	EA		1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	176.09	12.79
23 05 23 00-0153			7 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0154	EA		1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	205.73	13.60
23 05 23 00-0155	EA		1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	277.34	15.75
23 05 23 00-0156			60 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0157	EA		3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	192.20	11.25
23 05 23 00-0158	EA		1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	201.56	12.79
23 05 23 00-0159	EA		1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	226.10	13.60
23 05 23 00-0160	EA		1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	307.90	15.75
23 05 23 00-0161	EA		2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	704.26	18.61
23 05 23 00-0162	EA		2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	838.29	25.05
23 05 23 00-0163	EA		3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,087.27	29.20
23 05 23 00-0164	EA		4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,260.03	32.96
23 05 23 00-0165			60 PSI Flanged Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0166	EA		2" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	985.49	136.33
23 05 23 00-0167	EA		3" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,214.08	160.10
23 05 23 00-0168	EA		4" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,711.72	268.40
23 05 23 00-0169	EA		6" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	2,792.85	317.79
23 05 23 00-0170	EA		8" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	7,534.15	406.07
23 05 23 00-0171			Emergency Shut-Off Valve With Fusible Link (23 05 23)		
23 05 23 00-0172			Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) (23 05 23 00-0171)		
Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.					
23 05 23 00-0173	EA		1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	60.86	16.47
<i>For Work In Restricted Working Space, Add</i>				8.93	
23 05 23 00-0174	EA		3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	62.47	17.38
<i>For Work In Restricted Working Space, Add</i>				9.42	
23 05 23 00-0175	EA		1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	96.95	16.47
<i>For Work In Restricted Working Space, Add</i>				9.90	
23 05 23 00-0176	EA		3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	186.50	22.19
<i>For Work In Restricted Working Space, Add</i>				13.34	
23 05 23 00-0177	EA		1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	456.50	26.89
<i>For Work In Restricted Working Space, Add</i>				16.15	
23 05 23 00-0178			Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.					
23 05 23 00-0179	EA		1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	356.80	15.75
23 05 23 00-0180	EA		2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	386.80	18.61
23 05 23 00-0181	EA		3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	647.05	29.20
23 05 23 00-0182			Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.					
23 05 23 00-0183	EA		2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	542.85	136.33
23 05 23 00-0184	EA		3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	867.77	160.10
23 05 23 00-0185	EA		4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	1,959.00	268.40
23 05 23 00-0186			Solenoid Valves (23 05 23)		
23 05 23 00-0187			Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure (23 05 23 00-0186)		
23 05 23 00-0188	EA		1/4" Solenoid Valve, Bronze, 150 PSI, Water.....	94.15	10.22
23 05 23 00-0189	EA		1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	108.88	10.22
23 05 23 00-0190	EA		3/4" Solenoid Valve, Bronze, 150 PSI, Water.....	139.91	11.25
23 05 23 00-0191	EA		1" Solenoid Valve, Bronze, 150 PSI, Water.....	203.32	12.79
23 05 23 00-0192	EA		1-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	354.65	15.75
23 05 23 00-0193	EA		2" Solenoid Valve, Bronze, 150 PSI, Water.....	547.99	18.61
23 05 23 00-0194	EA		2-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	746.12	25.14
23 05 23 00-0195	EA		3" Solenoid Valve, Bronze, 150 PSI, Water.....	1,073.32	29.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 23 00-0196			Gate Valves <small>(23 05 23)</small>		
23 05 23 00-0197			Class 125 Brazed Or Soldered Bronze Gate Valves <small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)		
23 05 23 00-0198	EA		1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	73.39	10.22
			For 150 LB Rating, Add	4.36	
			For 200 LB Rating, Add	6.54	
			For Work In Restricted Working Space, Add	8.93	
23 05 23 00-0199	EA		3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	74.96	10.22
			For 150 LB Rating, Add	4.36	
			For 200 LB Rating, Add	6.54	
			For Work In Restricted Working Space, Add	9.41	
23 05 23 00-0200	EA		1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	76.85	10.22
			For 150 LB Rating, Add	4.39	
			For 200 LB Rating, Add	6.58	
			For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0201	EA		3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	91.61	11.25
			For 150 LB Rating, Add	4.71	
			For 200 LB Rating, Add	7.07	
			For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0202	EA		1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	111.58	12.79
			For 150 LB Rating, Add	5.78	
			For 200 LB Rating, Add	8.66	
			For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0203	EA		1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	162.48	13.60
			For 150 LB Rating, Add	9.43	
			For 200 LB Rating, Add	14.14	
			For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0204	EA		1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	181.14	15.75
			For 150 LB Rating, Add	10.25	
			For 200 LB Rating, Add	15.37	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0205	EA		2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	217.13	18.61
			For 150 LB Rating, Add	12.42	
			For 200 LB Rating, Add	18.62	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0206	EA		2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	485.69	25.14
			For 150 LB Rating, Add	36.01	
			For 200 LB Rating, Add	54.02	
			For Chain Operated Type, Add	162.05	
			For Work In Restricted Working Space, Add	37.67	
23 05 23 00-0207	EA		3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve.....	569.83	29.20
			For 150 LB Rating, Add	42.50	
			For 200 LB Rating, Add	63.74	
			For Work In Restricted Working Space, Add	43.46	
23 05 23 00-0208			Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves <small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)		
23 05 23 00-0209	EA		1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	87.92	10.22
			For 150 LB Rating, Add	5.81	
			For 200 LB Rating, Add	8.72	
			For Work In Restricted Working Space, Add	8.93	
23 05 23 00-0210	EA		3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	89.36	10.22
			For 150 LB Rating, Add	5.80	
			For 200 LB Rating, Add	8.70	
			For Work In Restricted Working Space, Add	9.41	
23 05 23 00-0211	EA		1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	103.71	10.22
			For 150 LB Rating, Add	7.07	
			For 200 LB Rating, Add	10.61	
			For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0212	EA		3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	118.47	11.25
			For 150 LB Rating, Add	7.40	
			For 200 LB Rating, Add	11.10	
			For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0213	EA		1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	142.22	12.79
			For 150 LB Rating, Add	8.84	
			For 200 LB Rating, Add	13.26	
			For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0214	EA		1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	204.38	13.60
			For 150 LB Rating, Add	13.62	
			For 200 LB Rating, Add	20.43	
			For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0215	EA		1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	233.86	15.75
			For 150 LB Rating, Add	15.52	
			For 200 LB Rating, Add	23.28	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0216	EA		2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve.....	298.58	18.61
			For 150 LB Rating, Add	20.56	
			For 200 LB Rating, Add	30.84	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0217			Class 125 Threaded, Bronze Gate Valves <small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 23 00-0218	EA 1/4" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.91 2.91 4.37 7.28 10.20 8.93	10.22
23 05 23 00-0219	EA 3/8" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.48 2.91 4.37 7.28 10.20 9.41	10.22
23 05 23 00-0220	EA 1/2" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.12 2.91 4.37 7.28 10.20 9.90	10.22
23 05 23 00-0221	EA 3/4" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.23 3.48 5.21 8.69 12.17 13.34	11.25
23 05 23 00-0222	EA 1" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.34 5.25 7.88 13.13 18.38 16.15	12.79
23 05 23 00-0223	EA 1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.99 7.08 10.62 17.70 24.78 20.46	13.60
23 05 23 00-0224	EA 1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.89 8.92 13.38 22.31 31.23 23.60	15.75
23 05 23 00-0225	EA 2" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.88 12.19 18.29 30.48 42.67 27.89	18.61
23 05 23 00-0226	EA 2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	473.23 34.77 52.15 86.92 121.68 156.45 37.67	25.14
23 05 23 00-0227	EA 3" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	560.47 41.56 62.34 103.90 145.46 187.02 43.46	29.20
23 05 23 00-0228	EA 4" Diameter, 125 LB, Threaded Bronze Gate Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,154.85 99.00 148.51 247.51 346.51 445.52 49.44	32.96
23 05 23 00-0229	200 PSI, Non Rising Stem, Crimped Bronze Gate Valves <small>(23 05 23 00-0196)</small> Note: 200 psi cold working pressure.		
23 05 23 00-0230	EA 1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	95.17 6.90	10.22
23 05 23 00-0231	EA 3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	107.23 7.86	11.25
23 05 23 00-0232	EA 1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	140.43 9.40	12.79
23 05 23 00-0233	EA 1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	190.19 10.36	13.60
23 05 23 00-0234	EA 1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	220.22 11.51	15.75
23 05 23 00-0235	EA 2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve <i>For Work In Restricted Working Space, Add</i>	302.05 13.81	18.61

23 05 23 00-0236 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves (23 05 23 00-0196)

Note: 125 psi steam, basic rating, 200 psi cold working pressure.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0237	EA		1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	250.75	15.75
			For 150 LB Rating, Add	34.42	
			For 250 LB Rating, Add	60.23	
			For Chain Operated Type, Add	60.23	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0238	EA		2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	383.75	18.61
			For 150 LB Rating, Add	58.15	
			For 250 LB Rating, Add	101.77	
			For Chain Operated Type, Add	101.77	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0239	EA		2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	562.88	25.14
			For 150 LB Rating, Add	87.46	
			For 250 LB Rating, Add	153.06	
			For Chain Operated Type, Add	153.06	
			For Work In Restricted Working Space, Add	37.67	
23 05 23 00-0240	EA		3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	718.66	29.20
			For 150 LB Rating, Add	114.76	
			For 250 LB Rating, Add	200.82	
			For Chain Operated Type, Add	200.82	
			For Work In Restricted Working Space, Add	43.46	
23 05 23 00-0241	EA		4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,709.36	32.96
			For 150 LB Rating, Add	308.91	
			For 250 LB Rating, Add	540.59	
			For Chain Operated Type, Add	540.59	
			For Work In Restricted Working Space, Add	49.44	
23 05 23 00-0242			Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves		
			<small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0243	EA		1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	366.98	107.39
			For 150 LB Rating, Add	67.40	
			For 250 LB Rating, Add	116.21	
			For 300 LB Rating, ASTM A182, Add	299.70	
			For Chain Operated Type, Add	116.21	
			For Work In Restricted Working Space, Add	40.37	
23 05 23 00-0244	EA		2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	413.52	136.33
			For 150 LB Rating, Add	70.49	
			For 250 LB Rating, Add	121.54	
			For 300 LB Rating, ASTM A182, Add	328.30	
			For Chain Operated Type, Add	121.54	
			For Work In Restricted Working Space, Add	51.14	
23 05 23 00-0245	EA		2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	462.86	136.55
			For 150 LB Rating, Add	84.58	
			For 250 LB Rating, Add	145.82	
			For 300 LB Rating, ASTM A182, Add	377.25	
			For Chain Operated Type, Add	145.82	
			For Work In Restricted Working Space, Add	51.37	
23 05 23 00-0246	EA		3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	564.90	160.10
			For 150 LB Rating, Add	105.71	
			For 250 LB Rating, Add	182.27	
			For 300 LB Rating, ASTM A182, Add	464.72	
			For Chain Operated Type, Add	182.27	
			For Work In Restricted Working Space, Add	60.11	
23 05 23 00-0247	EA		4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	822.40	268.40
			For 150 LB Rating, Add	140.96	
			For 250 LB Rating, Add	243.03	
			For 300 LB Rating, ASTM A182, Add	654.23	
			For Chain Operated Type, Add	243.03	
			For Work In Restricted Working Space, Add	100.90	
23 05 23 00-0248	EA		5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	988.79	286.02
			For 150 LB Rating, Add	183.23	
			For 250 LB Rating, Add	315.91	
			For 300 LB Rating, ASTM A182, Add	810.31	
			For Chain Operated Type, Add	315.91	
			For Work In Restricted Working Space, Add	107.09	
23 05 23 00-0249	EA		6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,176.21	317.79
			For 150 LB Rating, Add	225.49	
			For 250 LB Rating, Add	388.77	
			For 300 LB Rating, ASTM A182, Add	976.88	
			For Chain Operated Type, Add	388.77	
			For Work In Restricted Working Space, Add	119.60	
23 05 23 00-0250	EA		8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,792.44	406.07
			For 150 LB Rating, Add	373.52	
			For 250 LB Rating, Add	644.01	
			For 300 LB Rating, ASTM A182, Add	1,540.23	
			For Chain Operated Type, Add	644.01	
			For Work In Restricted Working Space, Add	151.33	
23 05 23 00-0251	EA		10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,318.95	494.35
			For 150 LB Rating, Add	493.30	
			For 250 LB Rating, Add	850.51	
			For 300 LB Rating, ASTM A182, Add	2,009.99	
			For Chain Operated Type, Add	850.51	
			For Work In Restricted Working Space, Add	185.38	
23 05 23 00-0252	EA		12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	3,179.17	600.28
			For 150 LB Rating, Add	704.75	
			For 250 LB Rating, Add	1,215.08	
			For 300 LB Rating, ASTM A182, Add	2,804.67	
			For Chain Operated Type, Add	1,215.08	
			For Work In Restricted Working Space, Add	224.70	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0253			Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0254	EA		1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	500.47	15.75
			For 175 LB Rating, Add	210.90	
			For 250 LB Rating, Add	316.35	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0255	EA		2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	638.26	18.61
			For 175 LB Rating, Add	272.64	
			For 250 LB Rating, Add	408.96	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0256	EA		2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	740.44	25.14
			For 175 LB Rating, Add	307.44	
			For 250 LB Rating, Add	461.15	
			For Work In Restricted Working Space, Add	37.67	
23 05 23 00-0257	EA		3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	823.33	29.20
			For 175 LB Rating, Add	339.23	
			For 250 LB Rating, Add	508.84	
			For Work In Restricted Working Space, Add	43.46	
23 05 23 00-0258	EA		4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	1,101.66	32.96
			For 175 LB Rating, Add	468.43	
			For 250 LB Rating, Add	702.64	
			For Work In Restricted Working Space, Add	49.44	
23 05 23 00-0259			Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".		
23 05 23 00-0260	EA		1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	469.61	107.39
			For 150 LB Rating, Add	50.26	
			For 175 LB Rating, Add	103.86	
			For 250 LB Rating, Add	217.78	
			For Chain Operated Type, Add	167.52	
			For Work In Restricted Working Space, Add	40.37	
23 05 23 00-0261	EA		2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	515.45	136.33
			For 150 LB Rating, Add	51.75	
			For 175 LB Rating, Add	106.95	
			For 250 LB Rating, Add	224.25	
			For Chain Operated Type, Add	172.50	
			For Work In Restricted Working Space, Add	51.14	
23 05 23 00-0262	EA		2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	527.48	136.55
			For 150 LB Rating, Add	53.44	
			For 175 LB Rating, Add	110.44	
			For 250 LB Rating, Add	231.57	
			For Chain Operated Type, Add	178.13	
			For Work In Restricted Working Space, Add	51.37	
23 05 23 00-0263	EA		3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	592.35	160.10
			For 150 LB Rating, Add	58.80	
			For 175 LB Rating, Add	121.51	
			For 250 LB Rating, Add	254.79	
			For Chain Operated Type, Add	195.99	
			For Work In Restricted Working Space, Add	60.11	
23 05 23 00-0264	EA		4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	811.71	268.40
			For 150 LB Rating, Add	71.31	
			For 175 LB Rating, Add	147.36	
			For 250 LB Rating, Add	308.99	
			For Chain Operated Type, Add	237.69	
			For Work In Restricted Working Space, Add	100.90	
23 05 23 00-0265	EA		5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,020.21	286.02
			For 150 LB Rating, Add	99.49	
			For 175 LB Rating, Add	205.60	
			For 250 LB Rating, Add	431.11	
			For Chain Operated Type, Add	331.62	
			For Work In Restricted Working Space, Add	107.09	
23 05 23 00-0266	EA		6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,156.11	317.79
			For 150 LB Rating, Add	113.62	
			For 175 LB Rating, Add	234.81	
			For 250 LB Rating, Add	492.34	
			For Chain Operated Type, Add	378.72	
			For Work In Restricted Working Space, Add	119.60	
23 05 23 00-0267	EA		8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,785.48	406.07
			For 150 LB Rating, Add	192.16	
			For 175 LB Rating, Add	397.13	
			For 250 LB Rating, Add	832.68	
			For Chain Operated Type, Add	640.53	
			For Work In Restricted Working Space, Add	151.33	
23 05 23 00-0268	EA		10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,589.46	494.35
			For 150 LB Rating, Add	295.73	
			For 175 LB Rating, Add	611.17	
			For 250 LB Rating, Add	1,281.49	
			For Chain Operated Type, Add	985.77	
			For Work In Restricted Working Space, Add	185.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0269	EA		12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Chain Operated Type, Add For Work In Restricted Working Space, Add	3,247.76 374.81 774.61 1,624.19 1,249.38 224.70	600.28
23 05 23 00-0270	EA		14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	6,358.20 799.28 1,651.85 3,463.56 308.90	823.73
23 05 23 00-0271	EA		16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	8,220.13 1,063.13 2,197.13 4,606.88 339.79	906.10
23 05 23 00-0272	EA		18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	11,178.82 1,488.40 3,076.02 6,449.72 376.85	1,004.94
23 05 23 00-0273	EA		20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	14,171.50 1,913.36 3,954.27 8,291.22 424.73	1,132.62
23 05 23 00-0274	EA		24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	19,334.34 2,639.52 5,455.01 11,437.92 521.26	1,390.04
23 05 23 00-0275	EA		30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	40,224.76 5,608.98 11,591.89 24,305.58 849.47	2,265.25
23 05 23 00-0276	EA		36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve For 150 LB Rating, Add For 175 LB Rating, Add For 250 LB Rating, Add For Work In Restricted Working Space, Add	51,286.76 7,126.70 14,728.52 30,882.38 1,132.62	3,020.33
23 05 23 00-0277			Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0196) Note: 800 psig at 850 degrees F.		
23 05 23 00-0278	EA		1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	150.67 8.93	10.22
23 05 23 00-0279	EA		1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	153.88 9.90	10.22
23 05 23 00-0280	EA		3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	181.57 13.34	11.25
23 05 23 00-0281	EA		1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	220.42 16.15	12.79
23 05 23 00-0282	EA		1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	336.97 20.46	13.60
23 05 23 00-0283	EA		1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	398.57 23.60	15.75
23 05 23 00-0284	EA		2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve For Work In Restricted Working Space, Add	501.34 27.89	18.61
23 05 23 00-0285			Cast Steel Flanged Gate Valves (23 05 23 00-0196)		
23 05 23 00-0286			Class 150, Cast Steel, Flanged, Gate Valves (23 05 23 00-0285)		
23 05 23 00-0287	EA		2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	968.29 51.14	136.33
23 05 23 00-0288	EA		2-1/2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	1,315.55 51.37	136.55
23 05 23 00-0289	EA		3" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	1,344.70 60.11	160.10
23 05 23 00-0290	EA		4" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	1,784.01 100.90	268.40
23 05 23 00-0291	EA		6" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	2,591.46 119.60	317.79
23 05 23 00-0292	EA		8" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	3,961.39 151.33	406.07
23 05 23 00-0293	EA		10" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	5,663.47 185.38	494.35
23 05 23 00-0294	EA		12" Diameter, Class 150, Cast Steel, Flanged, Gate Valve For Work In Restricted Working Space, Add	7,202.68 224.70	600.28

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0295			Class 300, Cast Steel, Flanged, Gate Valves (23 05 23 00-0285)		
23 05 23 00-0296	EA		2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 1,244.03	136.33	
			<i>For Work In Restricted Working Space, Add</i> 51.14		
23 05 23 00-0297	EA		2-1/2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 1,591.51	136.55	
			<i>For Work In Restricted Working Space, Add</i> 51.37		
23 05 23 00-0298	EA		3" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 1,620.66	160.10	
			<i>For Work In Restricted Working Space, Add</i> 60.11		
23 05 23 00-0299	EA		4" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 2,341.58	268.40	
			<i>For Work In Restricted Working Space, Add</i> 100.90		
23 05 23 00-0300	EA		6" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 3,719.78	317.79	
			<i>For Work In Restricted Working Space, Add</i> 119.60		
23 05 23 00-0301	EA		8" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 5,530.71	406.07	
			<i>For Work In Restricted Working Space, Add</i> 151.33		
23 05 23 00-0302	EA		10" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 7,107.08	494.35	
			<i>For Work In Restricted Working Space, Add</i> 185.38		
23 05 23 00-0303	EA		12" Diameter, Class 300, Cast Steel, Flanged, Gate Valve 11,909.60	600.28	
			<i>For Work In Restricted Working Space, Add</i> 224.70		
23 05 23 00-0304			Class 600, Cast Steel, Flanged, Gate Valves (23 05 23 00-0285)		
23 05 23 00-0305	EA		2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 1,790.46	136.33	
			<i>For Work In Restricted Working Space, Add</i> 51.14		
23 05 23 00-0306	EA		2-1/2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 2,251.48	136.55	
			<i>For Work In Restricted Working Space, Add</i> 51.37		
23 05 23 00-0307	EA		3" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 2,280.63	160.10	
			<i>For Work In Restricted Working Space, Add</i> 60.11		
23 05 23 00-0308	EA		4" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 3,447.60	268.40	
			<i>For Work In Restricted Working Space, Add</i> 100.90		
23 05 23 00-0309	EA		6" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 6,586.73	317.79	
			<i>For Work In Restricted Working Space, Add</i> 119.60		
23 05 23 00-0310	EA		8" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 13,864.92	406.07	
			<i>For Work In Restricted Working Space, Add</i> 151.33		
23 05 23 00-0311	EA		10" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 20,583.14	494.35	
			<i>For Work In Restricted Working Space, Add</i> 185.38		
23 05 23 00-0312	EA		12" Diameter, Class 600, Cast Steel, Flanged, Gate Valve 27,424.37	600.28	
			<i>For Work In Restricted Working Space, Add</i> 224.70		
23 05 23 00-0313			Ball Valves (23 05 23)		
			See CSI section 23 23 13 00-0000 for refrigeration valves.		
23 05 23 00-0314			Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0313)		
			Note: 125 LB WSP.		
23 05 23 00-0315	EA		1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 42.05	10.22	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 4.08		
			<i>For Work In Restricted Working Space, Add</i> 9.90		
23 05 23 00-0316	EA		3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 58.40	11.25	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 6.27		
			<i>For Work In Restricted Working Space, Add</i> 13.34		
23 05 23 00-0317	EA		1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 72.64	12.79	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 8.46		
			<i>For Work In Restricted Working Space, Add</i> 16.15		
23 05 23 00-0318	EA		1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 99.77	13.60	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 14.21		
			<i>For Work In Restricted Working Space, Add</i> 20.46		
23 05 23 00-0319	EA		1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 119.00	15.75	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 18.15		
			<i>For Work In Restricted Working Space, Add</i> 23.60		
23 05 23 00-0320	EA		2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 143.50	18.61	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 22.73		
			<i>For Work In Restricted Working Space, Add</i> 27.89		
23 05 23 00-0321	EA		2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 364.00	25.14	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 107.29		
			<i>For Work In Restricted Working Space, Add</i> 37.67		
23 05 23 00-0322	EA		3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 419.98	29.20	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 123.80		
			<i>For Work In Restricted Working Space, Add</i> 43.46		
23 05 23 00-0323	EA		4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve 539.86	32.96	
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i> 2.63		
			<i>For Full Port, Add</i> 168.77		
			<i>For Work In Restricted Working Space, Add</i> 49.44		
23 05 23 00-0324			Screwed, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0313)		
23 05 23 00-0325	EA		1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve 47.12	10.22	
			<i>For Work In Restricted Working Space, Add</i> 8.93		
23 05 23 00-0326	EA		1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve 51.81	10.22	
			<i>For Work In Restricted Working Space, Add</i> 9.90		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0327	EA		3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	71.69 13.34	11.25
23 05 23 00-0328	EA		1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	90.43 16.15	12.79
23 05 23 00-0329	EA		1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	130.75 20.46	13.60
23 05 23 00-0330	EA		1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	157.92 23.60	15.75
23 05 23 00-0331	EA		2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	202.10 27.89	18.61
23 05 23 00-0332			Flanged, 150 LB, Full Port, Carbon Steel Ball Valves <small>(23 05 23 00-0313)</small>		
23 05 23 00-0333	EA		4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	1,220.76 100.90	268.40
23 05 23 00-0334	EA		6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	2,027.03 119.60	317.79
23 05 23 00-0335	EA		8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	4,337.24 151.33	406.07
23 05 23 00-0336			Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves <small>(23 05 23 00-0313)</small>		
23 05 23 00-0337	EA		1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.90 3.70 9.90	10.22
23 05 23 00-0338	EA		3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.12 4.59 13.34	11.25
23 05 23 00-0339	EA		1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.71 5.98 16.15	12.79
23 05 23 00-0340	EA		1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.53 7.72 20.46	13.60
23 05 23 00-0341	EA		1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.67 11.33 23.60	15.75
23 05 23 00-0342	EA		2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.92 14.06 27.89	18.61
23 05 23 00-0343	EA		2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.92 26.33 37.67	25.14
23 05 23 00-0344	EA		3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	228.80 41.17 43.46	29.20
23 05 23 00-0345	EA		4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For True Union Socket Or Thread Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	325.26 72.83 49.44	32.96
23 05 23 00-0346			Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves <small>(23 05 23 00-0313)</small>		
23 05 23 00-0347	EA		1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.92 12.26 13.40	15.34
23 05 23 00-0348	EA		3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.27 12.26 14.11	15.34
23 05 23 00-0349	EA		1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.74 12.26 14.85	15.34
23 05 23 00-0350	EA		3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	95.59 13.00 20.01	16.87
23 05 23 00-0351	EA		1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	123.54 19.26 24.22	19.17
23 05 23 00-0352	EA		1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	160.84 26.36 30.68	20.40
23 05 23 00-0353	EA		1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	195.89 35.05 35.40	23.63
23 05 23 00-0354	EA		2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	266.20 57.03 41.84	27.92
23 05 23 00-0355	EA		2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	495.93 138.41 56.51	37.72
23 05 23 00-0356	EA		3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Full Port, Add</i> <i>For Work In Restricted Working Space, Add</i>	705.75 219.78 65.20	43.79
23 05 23 00-0357			Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valves <small>(23 05 23 00-0313)</small>		
23 05 23 00-0358	EA		1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve <i>For Work In Restricted Working Space, Add</i>	75.75 9.90	10.22

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0359	EA		3/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve <i>For Work In Restricted Working Space, Add</i>	105.70 13.34	11.25
23 05 23 00-0360	EA		1" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve <i>For Work In Restricted Working Space, Add</i>	135.46 16.15	12.79
23 05 23 00-0361	EA		1-1/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i>	185.78 20.46	13.60
23 05 23 00-0362	EA		1-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i>	236.09 23.60	15.75
23 05 23 00-0363	EA		2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve <i>For Work In Restricted Working Space, Add</i>	314.55 27.89	18.61
23 05 23 00-0364	EA		2-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i>	606.61 37.67	25.14
23 05 23 00-0365	EA		3" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve <i>For Work In Restricted Working Space, Add</i>	815.41 43.46	29.20
23 05 23 00-0366			Crimped Bronze, Ball Valves (23 05 23 00-0313)		
23 05 23 00-0367			Crimped Bronze, 250 PSI, Ball Valves (23 05 23 00-0366) Note: Nibco®		
23 05 23 00-0368	EA		1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	66.59 6.90	10.22
23 05 23 00-0369	EA		3/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	85.60 7.86	11.25
23 05 23 00-0370	EA		1" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	109.49 9.40	12.79
23 05 23 00-0371	EA		1-1/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	174.34 10.36	13.60
23 05 23 00-0372	EA		1-1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	229.28 11.51	15.75
23 05 23 00-0373	EA		2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	343.67 13.81	18.61
23 05 23 00-0374			Crimped Bronze, 200 PSI, Full Port Ball Valves (23 05 23 00-0366)		
23 05 23 00-0375	EA		1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	51.32	10.22
23 05 23 00-0376	EA		3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	66.00	11.25
23 05 23 00-0377	EA		1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	80.30	12.79
23 05 23 00-0378	EA		1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	114.11	13.60
23 05 23 00-0379	EA		1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	148.56	15.75
23 05 23 00-0380	EA		2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	222.04	18.61
23 05 23 00-0381			Crimped Bronze, 250 PSI, Full Port Ball Valves (23 05 23 00-0366)		
23 05 23 00-0382	EA		1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	59.74	10.22
23 05 23 00-0383	EA		3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	72.13	11.25
23 05 23 00-0384	EA		1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	90.09	12.79
23 05 23 00-0385	EA		1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	144.72	13.60
23 05 23 00-0386	EA		1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	214.37	15.75
23 05 23 00-0387	EA		2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	298.57	18.61
23 05 23 00-0388			Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves (23 05 23 00-0366)		
23 05 23 00-0389	EA		1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	57.45	10.22
23 05 23 00-0390	EA		3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	69.98	11.25
23 05 23 00-0391	EA		1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	85.19	12.79
23 05 23 00-0392			Globe Valves (23 05 23)		
23 05 23 00-0393			Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves (23 05 23 00-0392)		
23 05 23 00-0394	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.15 10.28 12.60 14.92 18.24 9.90	10.22
23 05 23 00-0395	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.94 10.28 12.60 14.92 18.24 8.93	10.22
23 05 23 00-0396	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	80.85 15.35 18.81 22.28 27.23 9.41	10.22
23 05 23 00-0397	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.49 15.35 18.81 22.28 27.23 67.65 9.90	10.22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0398	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	98.13	10.74
			For 150 LB Rating, Add	16.63	
			For 200 LB Rating, Add	20.39	
			For 250 LB Rating, Add	24.15	
			For 300 LB Rating, Add	29.51	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	76.81	
			For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0399	EA		1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	126.36	10.74
			For 150 LB Rating, Add	22.48	
			For 200 LB Rating, Add	27.56	
			For 250 LB Rating, Add	32.64	
			For 300 LB Rating, Add	39.89	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	101.32	
			For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0400	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	193.45	13.60
			For 150 LB Rating, Add	38.83	
			For 200 LB Rating, Add	47.60	
			For 250 LB Rating, Add	56.37	
			For 300 LB Rating, Add	68.89	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	165.06	
			For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0401	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	257.68	15.75
			For 150 LB Rating, Add	55.49	
			For 200 LB Rating, Add	68.02	
			For 250 LB Rating, Add	80.55	
			For 300 LB Rating, Add	98.46	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	228.38	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0402	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	303.43	18.61
			For 150 LB Rating, Add	65.24	
			For 200 LB Rating, Add	79.97	
			For 250 LB Rating, Add	94.70	
			For 300 LB Rating, Add	115.75	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	268.69	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0403	EA		2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	337.74	25.14
			For 150 LB Rating, Add	65.77	
			For 200 LB Rating, Add	80.62	
			For 250 LB Rating, Add	95.48	
			For 300 LB Rating, Add	116.69	
			For Work In Restricted Working Space, Add	37.67	
23 05 23 00-0404	EA		3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	620.23	29.20
			For 150 LB Rating, Add	147.36	
			For 200 LB Rating, Add	180.63	
			For 250 LB Rating, Add	213.91	
			For 300 LB Rating, Add	261.44	
			For Work In Restricted Working Space, Add	43.46	
23 05 23 00-0405			Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves <small>(23 05 23 00-0392)</small>		
23 05 23 00-0406	EA		2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	462.72	18.61
			For 150 LB Rating, Add	114.62	
			For 200 LB Rating, Add	140.50	
			For 250 LB Rating, Add	166.38	
			For 300 LB Rating, Add	203.36	
			For Chain Operated Type, Add	308.73	
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0407	EA		2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	573.74	25.14
			For 150 LB Rating, Add	138.93	
			For 200 LB Rating, Add	170.30	
			For 250 LB Rating, Add	201.68	
			For 300 LB Rating, Add	246.49	
			For Chain Operated Type, Add	374.22	
			For Work In Restricted Working Space, Add	37.67	
23 05 23 00-0408	EA		3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	682.68	29.20
			For 150 LB Rating, Add	166.72	
			For 200 LB Rating, Add	204.36	
			For 250 LB Rating, Add	242.01	
			For 300 LB Rating, Add	295.79	
			For Chain Operated Type, Add	449.06	
			For Work In Restricted Working Space, Add	43.46	
23 05 23 00-0409	EA		4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	881.83	32.96
			For 150 LB Rating, Add	222.29	
			For 200 LB Rating, Add	272.49	
			For 250 LB Rating, Add	322.68	
			For 300 LB Rating, Add	394.39	
			For Chain Operated Type, Add	598.75	
			For Work In Restricted Working Space, Add	49.43	
23 05 23 00-0410			Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves <small>(23 05 23 00-0392)</small>		
23 05 23 00-0411	EA		2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	369.56	136.33
			For 150 LB Rating, Add	61.72	
			For 250 LB Rating, Add	89.60	
			For Chain Operated Type, Add	99.56	
			For Work In Restricted Working Space, Add	51.14	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0412	EA		2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	413.95	136.55
			For 150 LB Rating, Add	75.25	
			For 250 LB Rating, Add	109.23	
			For Chain Operated Type, Add	121.37	
			For Work In Restricted Working Space, Add	51.37	
23 05 23 00-0413	EA		3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	491.65	160.10
			For 150 LB Rating, Add	90.30	
			For 250 LB Rating, Add	131.08	
			For Chain Operated Type, Add	145.64	
			For Work In Restricted Working Space, Add	60.11	
23 05 23 00-0414	EA		4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	724.71	268.40
			For 150 LB Rating, Add	120.39	
			For 250 LB Rating, Add	174.77	
			For Chain Operated Type, Add	194.19	
			For Work In Restricted Working Space, Add	100.90	
23 05 23 00-0415	EA		5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	897.04	286.02
			For 150 LB Rating, Add	167.42	
			For 250 LB Rating, Add	243.03	
			For Chain Operated Type, Add	270.04	
			For Work In Restricted Working Space, Add	107.09	
23 05 23 00-0416	EA		6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,081.35	317.79
			For 150 LB Rating, Add	211.63	
			For 250 LB Rating, Add	307.21	
			For Chain Operated Type, Add	341.34	
			For Work In Restricted Working Space, Add	119.60	
23 05 23 00-0417	EA		8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,554.24	406.07
			For 150 LB Rating, Add	325.44	
			For 250 LB Rating, Add	472.41	
			For Chain Operated Type, Add	524.91	
			For Work In Restricted Working Space, Add	151.33	
23 05 23 00-0418	EA		10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,216.91	494.35
			For 150 LB Rating, Add	495.68	
			For 250 LB Rating, Add	719.54	
			For Chain Operated Type, Add	799.49	
			For Work In Restricted Working Space, Add	185.38	
23 05 23 00-0419	EA		12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	3,774.72	600.28
			For 150 LB Rating, Add	937.97	
			For 250 LB Rating, Add	1,361.57	
			For Chain Operated Type, Add	1,512.86	
			For Work In Restricted Working Space, Add	224.70	
23 05 23 00-0420			Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves (23 05 23 00-0392)		
23 05 23 00-0421	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	58.11	10.22
			For 150 LB Rating, Add	7.79	
			For 200 LB Rating, Add	9.55	
			For 300 LB Rating, Add	13.82	
			For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0422	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	54.90	10.22
			For 150 LB Rating, Add	7.79	
			For 200 LB Rating, Add	9.55	
			For 300 LB Rating, Add	13.82	
			For Work In Restricted Working Space, Add	8.93	
23 05 23 00-0423	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	56.47	10.22
			For 150 LB Rating, Add	7.79	
			For 200 LB Rating, Add	9.55	
			For 300 LB Rating, Add	13.82	
			For Work In Restricted Working Space, Add	9.41	
23 05 23 00-0424	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	59.79	10.22
			For 150 LB Rating, Add	8.31	
			For 200 LB Rating, Add	10.18	
			For 300 LB Rating, Add	14.74	
			For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0425	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	81.63	10.74
			For 150 LB Rating, Add	11.52	
			For 200 LB Rating, Add	14.12	
			For 300 LB Rating, Add	20.44	
			For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0426	EA		1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	102.59	10.74
			For 150 LB Rating, Add	15.12	
			For 200 LB Rating, Add	18.53	
			For 300 LB Rating, Add	26.82	
			For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0427	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	140.62	13.60
			For 150 LB Rating, Add	22.45	
			For 200 LB Rating, Add	27.52	
			For 300 LB Rating, Add	39.84	
			For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0428	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	163.12	15.75
			For 150 LB Rating, Add	26.18	
			For 200 LB Rating, Add	32.09	
			For 300 LB Rating, Add	46.45	
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0429	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	220.18	18.61
			For 150 LB Rating, Add	39.43	
			For 200 LB Rating, Add	48.34	
			For 300 LB Rating, Add	69.96	
			For Work In Restricted Working Space, Add	27.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0430	EA		2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	365.80	27.31
			For 150 LB Rating, Add	71.13	
			For 200 LB Rating, Add	87.19	
			For 300 LB Rating, Add	126.19	
			For Work In Restricted Working Space, Add	40.91	
23 05 23 00-0431	EA		3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	545.90	31.70
			For 150 LB Rating, Add	120.45	
			For 200 LB Rating, Add	147.65	
			For 300 LB Rating, Add	213.71	
			For Work In Restricted Working Space, Add	47.20	
23 05 23 00-0432			Flanged, 125 LB, Iron Body, Angle Globe Valves (23 05 23 00-0392)		
23 05 23 00-0433	EA		2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	682.74	136.33
			For 250 LB Rating, Add	307.37	
			For Chain Operated Type, Add	199.79	
			For Work In Restricted Working Space, Add	51.14	
23 05 23 00-0434	EA		2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	777.09	136.55
			For 250 LB Rating, Add	363.52	
			For Chain Operated Type, Add	236.29	
			For Work In Restricted Working Space, Add	51.37	
23 05 23 00-0435	EA		3" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	914.34	160.10
			For 250 LB Rating, Add	428.38	
			For Chain Operated Type, Add	278.45	
			For Work In Restricted Working Space, Add	60.11	
23 05 23 00-0436	EA		4" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,356.09	268.40
			For 250 LB Rating, Add	611.85	
			For Chain Operated Type, Add	397.70	
			For Work In Restricted Working Space, Add	100.90	
23 05 23 00-0437	EA		5" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	2,184.55	286.02
			For 250 LB Rating, Add	1,096.55	
			For Chain Operated Type, Add	712.76	
			For Work In Restricted Working Space, Add	107.09	
23 05 23 00-0438	EA		6" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	2,226.25	317.79
			For 250 LB Rating, Add	1,096.55	
			For Chain Operated Type, Add	712.76	
			For Work In Restricted Working Space, Add	119.60	
23 05 23 00-0439	EA		8" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	4,081.37	406.07
			For 250 LB Rating, Add	2,146.16	
			For Chain Operated Type, Add	1,395.01	
			For Work In Restricted Working Space, Add	151.33	
23 05 23 00-0440			Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves (23 05 23 00-0392)		
			Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0441	EA		1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	190.47	16.57
			For Work In Restricted Working Space, Add	8.93	
23 05 23 00-0442	EA		1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	193.68	16.57
			For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0443	EA		3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	227.27	22.30
			For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0444	EA		1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	280.86	26.89
			For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0445	EA		1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	457.38	34.05
			For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0446	EA		1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	548.94	39.37
			For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0447	EA		2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	698.88	46.53
			For Work In Restricted Working Space, Add	27.89	
23 05 23 00-0448			Check Valves (23 05 23)		
23 05 23 00-0449			Iron Body Wafer Type Check Valve (23 05 23 00-0448)		
23 05 23 00-0450			Single Disk Type (23 05 23 00-0449)		
23 05 23 00-0451	EA		2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	441.12	136.37
			For 150 LB Rating, Add	56.83	
			For 200 LB Rating, Add	67.65	
			For 300 LB Rating, Add	81.18	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	155.88	
23 05 23 00-0452	EA		2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	525.85	136.61
			For 150 LB Rating, Add	74.46	
			For 200 LB Rating, Add	88.64	
			For 300 LB Rating, Add	106.37	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	193.81	
23 05 23 00-0453	EA		3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	648.61	160.17
			For 150 LB Rating, Add	94.11	
			For 200 LB Rating, Add	112.04	
			For 300 LB Rating, Add	134.45	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	241.76	
23 05 23 00-0454	EA		4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	943.46	268.51
			For 150 LB Rating, Add	127.47	
			For 200 LB Rating, Add	151.75	
			For 300 LB Rating, Add	182.09	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	340.44	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 23 General-Duty Valves For HVAC Piping

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 23 00-0455	EA		6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	1,421.82	376.86
			<i>For 150 LB Rating, Add</i>	199.66	
			<i>For 200 LB Rating, Add</i>	237.69	
			<i>For 300 LB Rating, Add</i>	285.23	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	522.05	
23 05 23 00-0456	EA		8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	1,998.81	433.39
			<i>For 150 LB Rating, Add</i>	306.40	
			<i>For 200 LB Rating, Add</i>	364.76	
			<i>For 300 LB Rating, Add</i>	437.71	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	764.52	
23 05 23 00-0457	EA		10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	2,994.70	527.60
			<i>For 150 LB Rating, Add</i>	489.38	
			<i>For 200 LB Rating, Add</i>	582.59	
			<i>For 300 LB Rating, Add</i>	699.11	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,181.53	

23 05 23 00-0458 Twin Disc Type (23 05 23 00-0449)

23 05 23 00-0459	EA		2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	495.69	136.37
			<i>For 150 LB Rating, Add</i>	68.29	
			<i>For 200 LB Rating, Add</i>	81.30	
			<i>For 300 LB Rating, Add</i>	97.55	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	180.43	
23 05 23 00-0460	EA		2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	561.56	136.61
			<i>For 150 LB Rating, Add</i>	81.95	
			<i>For 200 LB Rating, Add</i>	97.57	
			<i>For 300 LB Rating, Add</i>	117.08	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	209.88	
23 05 23 00-0461	EA		3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	655.80	160.17
			<i>For 150 LB Rating, Add</i>	95.62	
			<i>For 200 LB Rating, Add</i>	113.84	
			<i>For 300 LB Rating, Add</i>	136.60	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	245.00	
23 05 23 00-0462	EA		4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	914.73	268.51
			<i>For 150 LB Rating, Add</i>	121.43	
			<i>For 200 LB Rating, Add</i>	144.56	
			<i>For 300 LB Rating, Add</i>	173.48	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	327.51	
23 05 23 00-0463	EA		6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,403.52	376.86
			<i>For 150 LB Rating, Add</i>	195.81	
			<i>For 200 LB Rating, Add</i>	233.11	
			<i>For 300 LB Rating, Add</i>	279.74	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	513.82	
23 05 23 00-0464	EA		8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,962.38	433.39
			<i>For 150 LB Rating, Add</i>	299.04	
			<i>For 200 LB Rating, Add</i>	356.00	
			<i>For 300 LB Rating, Add</i>	427.20	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	748.48	
23 05 23 00-0465	EA		10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	2,914.97	47.11
			<i>For 150 LB Rating, Add</i>	473.59	
			<i>For 200 LB Rating, Add</i>	563.80	
			<i>For 300 LB Rating, Add</i>	676.56	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,146.79	
23 05 23 00-0466	EA		12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	3,819.91	640.66
			<i>For 150 LB Rating, Add</i>	634.51	
			<i>For 200 LB Rating, Add</i>	755.37	
			<i>For 300 LB Rating, Add</i>	906.44	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,519.35	
23 05 23 00-0467	EA		14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	7,130.35	739.71
			<i>For 150 LB Rating, Add</i>	1,290.25	
			<i>For 200 LB Rating, Add</i>	1,536.02	
			<i>For 300 LB Rating, Add</i>	1,843.22	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	2,962.09	
23 05 23 00-0468	EA		16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	9,758.90	867.94
			<i>For 150 LB Rating, Add</i>	1,821.54	
			<i>For 200 LB Rating, Add</i>	2,168.50	
			<i>For 300 LB Rating, Add</i>	2,602.20	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	4,120.28	
23 05 23 00-0469	EA		18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	12,982.52	966.56
			<i>For 150 LB Rating, Add</i>	2,473.18	
			<i>For 200 LB Rating, Add</i>	2,944.27	
			<i>For 300 LB Rating, Add</i>	3,533.12	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	5,540.77	
23 05 23 00-0470	EA		20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	15,440.05	1,084.91
			<i>For 150 LB Rating, Add</i>	2,957.62	
			<i>For 200 LB Rating, Add</i>	3,520.98	
			<i>For 300 LB Rating, Add</i>	4,225.17	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	6,608.99	
23 05 23 00-0471	EA		24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	20,174.87	1,331.49
			<i>For 150 LB Rating, Add</i>	3,886.21	
			<i>For 200 LB Rating, Add</i>	4,626.44	
			<i>For 300 LB Rating, Add</i>	5,551.73	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	8,661.41	

23 05 23 00-0472 Lift Check Valves (23 05 23 00-0448)

23 05 23 00-0473 Bronze Body, Threaded, Vertical Lift Check Valves (23 05 23 00-0472)

Note: Watts #600 series.

23 05 23 00-0474	EA		3/8" Lift Check Valve, Bronze, Threaded.....	109.20	10.22
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0475 EA 1/2" Lift Check Valve, Bronze, Threaded.....	115.54	10.22
23 05 23 00-0476 EA 3/4" Lift Check Valve, Bronze, Threaded.....	147.29	10.74
23 05 23 00-0477 EA 1" Lift Check Valve, Bronze, Threaded.....	194.15	10.74
23 05 23 00-0478 EA 1-1/4" Lift Check Valve, Bronze, Threaded.....	269.32	13.60
23 05 23 00-0479 EA 1-1/2" Lift Check Valve, Bronze, Threaded.....	327.71	15.75
23 05 23 00-0480 EA 2" Lift Check Valve, Bronze, Threaded.....	467.43	18.61
23 05 23 00-0481 Bronze Body, Threaded, 300 LB, Lift Check Valves (23 05 23 00-0472)		
Note: Crane 366E.		
23 05 23 00-0482 EA 1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	679.59	10.22
23 05 23 00-0483 EA 3/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	825.40	10.74
23 05 23 00-0484 EA 1" Lift Check Valve, Bronze, Threaded, 300 LB.....	1,481.39	10.74
23 05 23 00-0485 EA 1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	1,974.40	13.60
23 05 23 00-0486 EA 1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	2,144.45	15.75
23 05 23 00-0487 EA 2" Lift Check Valve, Bronze, Threaded, 300 LB.....	2,754.92	18.61
23 05 23 00-0488 Iron Body, Flanged, 125 LB Vertical Lift Check Valves (23 05 23 00-0472)		
Note: Mueller 105MAP.		
23 05 23 00-0489 EA 2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	990.11	136.33
23 05 23 00-0490 EA 2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	907.00	136.55
23 05 23 00-0491 EA 3" Lift Check Valve, Iron Body, Flanged, 125 LB.....	993.71	160.10
23 05 23 00-0492 EA 4" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,402.47	268.40
23 05 23 00-0493 EA 5" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,728.43	286.02
23 05 23 00-0494 EA 6" Lift Check Valve, Iron Body, Flanged, 125 LB.....	2,116.74	317.79
23 05 23 00-0495 EA 8" Lift Check Valve, Iron Body, Flanged, 125 LB.....	3,649.02	406.07
23 05 23 00-0496 EA 10" Lift Check Valve, Iron Body, Flanged, 125 LB.....	4,577.13	494.35
23 05 23 00-0497 EA 12" Lift Check Valve, Iron Body, Flanged, 125 LB.....	7,336.00	600.28
23 05 23 00-0498 EA 14" Lift Check Valve, Iron Body, Flanged, 125 LB.....	10,004.17	823.73
23 05 23 00-0499 EA 16" Lift Check Valve, Iron Body, Flanged, 125 LB.....	11,083.18	906.10
23 05 23 00-0500 Bronze Body Swing Check Valves (23 05 23 00-0448)		
23 05 23 00-0501 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves (23 05 23 00-0500)		
23 05 23 00-0502 EA 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	73.86	10.22
For 300 LB Rating, Add 15.94		
For Work In Restricted Working Space, Add 9.90		
23 05 23 00-0503 EA 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	70.65	10.22
For 300 LB Rating, Add 15.94		
For Work In Restricted Working Space, Add 8.93		
23 05 23 00-0504 EA 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	72.22	10.22
For 300 LB Rating, Add 15.94		
For Work In Restricted Working Space, Add 9.41		
23 05 23 00-0505 EA 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	75.46	10.22
For 300 LB Rating, Add 16.56		
For Work In Restricted Working Space, Add 9.90		
23 05 23 00-0506 EA 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	95.92	10.74
For 300 LB Rating, Add 20.07		
For Work In Restricted Working Space, Add 13.34		
23 05 23 00-0507 EA 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	123.70	10.74
For 300 LB Rating, Add 27.25		
For Work In Restricted Working Space, Add 16.15		
23 05 23 00-0508 EA 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	166.27	13.60
For 300 LB Rating, Add 38.25		
For Work In Restricted Working Space, Add 20.46		
23 05 23 00-0509 EA 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	216.02	15.75
For 300 LB Rating, Add 53.57		
For Work In Restricted Working Space, Add 23.60		
23 05 23 00-0510 EA 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	269.56	18.61
For 300 LB Rating, Add 68.87		
For Work In Restricted Working Space, Add 27.89		
23 05 23 00-0511 EA 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	531.50	25.14
For 300 LB Rating, Add 158.31		
For Work In Restricted Working Space, Add 37.67		
23 05 23 00-0512 EA 3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	722.21	29.20
For 300 LB Rating, Add 225.16		
For Work In Restricted Working Space, Add 43.46		
23 05 23 00-0513 EA 4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	818.12	32.96
For 300 LB Rating, Add 254.79		
For Work In Restricted Working Space, Add 49.44		
23 05 23 00-0514 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves (23 05 23 00-0448)		
23 05 23 00-0515 EA 1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	306.26	76.70
For 150 LB Rating, Add 142.64		
For 250 LB Rating, Add 272.70		
For Work In Restricted Working Space, Add 28.95		
23 05 23 00-0516 EA 1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	342.27	89.49
For 150 LB Rating, Add 157.15		
For 250 LB Rating, Add 300.43		
For Work In Restricted Working Space, Add 33.35		
23 05 23 00-0517 EA 1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	385.22	107.39
For 150 LB Rating, Add 170.44		
For 250 LB Rating, Add 325.85		
For Work In Restricted Working Space, Add 40.37		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 05 23 00-0518	EA 2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	481.76	136.33
	For 150 LB Rating, Add	211.69	
	For 250 LB Rating, Add	404.70	
	For Work In Restricted Working Space, Add	51.14	
23 05 23 00-0519	EA 2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	534.54	136.55
	For 150 LB Rating, Add	247.06	
	For 250 LB Rating, Add	472.32	
	For Work In Restricted Working Space, Add	51.37	
23 05 23 00-0520	EA 3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	595.18	160.10
	For 150 LB Rating, Add	268.47	
	For 250 LB Rating, Add	513.25	
	For Work In Restricted Working Space, Add	60.11	
23 05 23 00-0521	EA 4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	946.50	268.40
	For 150 LB Rating, Add	414.91	
	For 250 LB Rating, Add	793.21	
	For Work In Restricted Working Space, Add	100.90	
23 05 23 00-0522	EA 5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	1,252.80	286.02
	For 150 LB Rating, Add	609.16	
	For 250 LB Rating, Add	1,164.58	
	For Work In Restricted Working Space, Add	107.09	
23 05 23 00-0523	EA 6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	1,437.35	317.79
	For 150 LB Rating, Add	706.30	
	For 250 LB Rating, Add	1,350.28	
	For Work In Restricted Working Space, Add	119.60	
23 05 23 00-0524	EA 8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	3,097.63	406.07
	For 150 LB Rating, Add	1,763.38	
	For 250 LB Rating, Add	3,371.16	
	For Work In Restricted Working Space, Add	151.33	
23 05 23 00-0525	EA 10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	4,147.83	494.35
	For 150 LB Rating, Add	2,400.33	
	For 250 LB Rating, Add	4,588.87	
	For Work In Restricted Working Space, Add	185.38	
23 05 23 00-0526	EA 12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	6,253.72	600.28
	For 150 LB Rating, Add	3,743.20	
	For 250 LB Rating, Add	7,156.12	
	For Work In Restricted Working Space, Add	224.70	
23 05 23 00-0527	EA 14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	7,261.73	823.73
	For 150 LB Rating, Add	4,237.81	
	For 250 LB Rating, Add	8,101.70	
	For Work In Restricted Working Space, Add	308.90	
23 05 23 00-0528	EA 16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	10,209.60	906.10
	For 150 LB Rating, Add	6,172.35	
	For 250 LB Rating, Add	11,800.07	
	For Work In Restricted Working Space, Add	339.79	
23 05 23 00-0529	EA 18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	15,522.65	1,004.94
	For 150 LB Rating, Add	9,701.20	
	For 250 LB Rating, Add	18,546.41	
	For Work In Restricted Working Space, Add	376.85	
23 05 23 00-0530	EA 20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	21,272.31	1,132.62
	For 150 LB Rating, Add	13,502.44	
	For 250 LB Rating, Add	25,813.49	
	For Work In Restricted Working Space, Add	424.73	
23 05 23 00-0531	EA 24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves.....	29,535.44	1,390.04
	For 150 LB Rating, Add	18,902.57	
	For 250 LB Rating, Add	36,137.27	
	For Work In Restricted Working Space, Add	52.126	

23 05 23 00-0532 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves

(23 05 23 00-0448)
 Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0533	EA 1/2" Class 800, Threaded, Forged Steel Swing Check Valve.....	174.51	10.22
	For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0534	EA 3/4" 800, Threaded, Forged Steel Swing Check Valve.....	205.16	11.25
	For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0535	EA 1" Class 800, Threaded, Forged Steel Swing Check Valve.....	242.53	12.79
	For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0536	EA 1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve.....	376.79	13.60
	For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0537	EA 1-1/2" 800, Threaded, Forged Steel Swing Check Valve.....	447.22	15.75
	For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0538	EA 2" Class 800, Threaded, Forged Steel Swing Check Valve.....	606.01	18.61
	For Work In Restricted Working Space, Add	27.89	

23 05 23 00-0539 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections

(23 05 23 00-0448)

23 05 23 00-0540	EA 1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	53.09	10.22
	For Work In Restricted Working Space, Add	9.90	
23 05 23 00-0541	EA 3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	64.57	11.25
	For Work In Restricted Working Space, Add	13.34	
23 05 23 00-0542	EA 1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	74.72	12.79
	For Work In Restricted Working Space, Add	16.15	
23 05 23 00-0543	EA 1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	89.94	13.60
	For Work In Restricted Working Space, Add	20.46	
23 05 23 00-0544	EA 1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	101.68	15.75
	For Work In Restricted Working Space, Add	23.60	
23 05 23 00-0545	EA 2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	128.75	18.61
	For Work In Restricted Working Space, Add	27.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0546	EA		2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	176.50 37.67	25.14
23 05 23 00-0547	EA		3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	210.97 43.46	29.20
23 05 23 00-0548			Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves <small>(23 05 23 00-0448)</small> Note: Nibco®		
23 05 23 00-0549	EA		1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	123.72 6.90	10.22
23 05 23 00-0550	EA		3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	157.00 7.86	11.25
23 05 23 00-0551	EA		1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	216.22 9.40	12.79
23 05 23 00-0552	EA		1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	287.06 10.36	13.60
23 05 23 00-0553	EA		1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	342.02 11.51	15.75
23 05 23 00-0554	EA		2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	487.99 13.81	18.61
23 05 23 00-0555			Crimped Bronze, 250 PSI, In-Line, Check Valves <small>(23 05 23 00-0448)</small>		
23 05 23 00-0556	EA		1/2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	44.86	10.22
23 05 23 00-0557	EA		3/4" Crimped Bronze, 200 PSI, In-Line Check Valve.....	54.18	11.25
23 05 23 00-0558	EA		1" Crimped Bronze, 200 PSI, In-Line Check Valve.....	63.55	12.79
23 05 23 00-0559	EA		1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve.....	81.12	13.60
23 05 23 00-0560	EA		1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	104.52	15.75
23 05 23 00-0561	EA		2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	166.44	18.61
23 05 23 00-0562			Diaphragm Valves <small>(23 05 23)</small>		
23 05 23 00-0563			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0562)</small>		
23 05 23 00-0564	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	257.63	30.61
23 05 23 00-0565	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	331.49	33.90
23 05 23 00-0566	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	358.26	41.91
23 05 23 00-0567	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	569.60	62.63
23 05 23 00-0568	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	923.08	75.34
23 05 23 00-0569			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0562)</small>		
23 05 23 00-0570	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	219.55	49.09
23 05 23 00-0571	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	254.24	51.13
23 05 23 00-0572	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	303.84	76.70
23 05 23 00-0573	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	457.10	107.39
23 05 23 00-0574	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	716.80	136.33
23 05 23 00-0575	EA		2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	904.37	136.55
23 05 23 00-0576	EA		3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,120.28	160.10
23 05 23 00-0577	EA		4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,599.15	268.40
23 05 23 00-0578	EA		6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	3,227.83	317.79
23 05 23 00-0579	EA		8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	4,990.78	406.07
23 05 23 00-0580			Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0562)</small>		
23 05 23 00-0581	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	155.36	30.61
23 05 23 00-0582	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	204.99	33.90
23 05 23 00-0583	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	231.76	41.91
23 05 23 00-0584	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	397.34	62.63
23 05 23 00-0585	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	522.04	75.34

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST		
23 05 23 00-0586		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves (23 05 23 00-0586)							
	23 05 23 00-0587	EA			1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	151.87	49.09		
	23 05 23 00-0588	EA			3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	176.92	51.13		
	23 05 23 00-0589	EA			1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	226.50	76.70		
	23 05 23 00-0590	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	351.79	107.39		
	23 05 23 00-0591	EA			2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	471.60	136.33		
	23 05 23 00-0592	EA			2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	563.85	136.55		
	23 05 23 00-0593	EA			3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	684.19	160.10		
	23 05 23 00-0594	EA			4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	1,085.11	268.40		
	23 05 23 00-0595	EA			6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	2,076.18	317.79		
	23 05 23 00-0596	EA			8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	3,164.16	406.07		
23 05 23 00-0597		125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves (23 05 23 00-0597)							
	23 05 23 00-0598	EA			1" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	280.54	76.70		
	23 05 23 00-0599	EA			1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	448.55	107.39		
	23 05 23 00-0600	EA			2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	600.81	136.33		
	23 05 23 00-0601	EA			2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	842.46	136.55		
	23 05 23 00-0602	EA			3" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	933.86	160.10		
	23 05 23 00-0603	EA			4" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	1,470.41	268.40		
	23 05 23 00-0604	EA			6" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	2,861.69	317.79		
	23 05 23 00-0605	EA			8" Diaphragm Valve, Cast Iron, 125 LB, Flanged.....	5,868.91	406.07		
23 05 23 00-0606		Flow Control Valves And Meters (23 05 23)							
23 05 23 00-0607		Conditioned Water Balancing Valves (23 05 23 00-0606)							
Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.									
	23 05 23 00-0608	EA			1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	127.18	52.18		
	23 05 23 00-0609	EA			3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	154.61	69.56		
	23 05 23 00-0610	EA			1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	305.81	79.49		
	23 05 23 00-0611	EA			1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	401.43	98.22		
	23 05 23 00-0612	EA			1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	467.12	104.35		
	23 05 23 00-0613	EA			2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	635.61	119.29		
	23 05 23 00-0614	EA			2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	1,208.93	207.65		
	23 05 23 00-0615	EA			3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	1,706.32	237.32		
	23 05 23 00-0616	EA			3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	1,397.51	160.17		
	23 05 23 00-0617	EA			4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	1,734.45	268.51		
	23 05 23 00-0618	EA			6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	2,029.64	339.17		
	23 05 23 00-0619	EA			8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	3,426.34	433.39		
	23 05 23 00-0620	EA			10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG.....	5,753.17	527.60		
23 05 23 00-0621		Read Out Meters (23 05 23 00-0606)							
Note: For use with conditioned portable water balancing valves.									
	23 05 23 00-0622	EA			0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve.....	845.55			
	23 05 23 00-0623	EA			0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve.....	1,144.28			
	23 05 23 00-0624	EA			0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve.....	1,144.28			
	23 05 23 00-0625	EA			0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve.....	1,144.28			
23 05 23 00-0626		Balancing Valves (23 05 23)							
23 05 23 00-0627		Balancing Valves With Lever (23 05 23 00-0626)							
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.									
	23 05 23 00-0628	EA			1/2" Threaded Balancing Valve With Lever.....	201.20	32.22		
	23 05 23 00-0629	EA			3/4" Threaded Balancing Valve With Lever.....	226.02	42.46		
	23 05 23 00-0630	EA			1" Threaded Balancing Valve With Lever.....	241.68	48.60		
	23 05 23 00-0631	EA			1-1/4" Threaded Balancing Valve With Lever.....	276.91	60.36		
	23 05 23 00-0632	EA			1-1/2" Threaded Balancing Valve With Lever.....	296.82	63.94		
	23 05 23 00-0633	EA			2" Threaded Balancing Valve With Lever.....	329.16	73.15		
	23 05 23 00-0634	EA			2-1/2" Flanged Balancing Valve With Lever.....	526.76	136.61		
	23 05 23 00-0635	EA			3" Flanged Balancing Valve With Lever.....	601.67	160.17		
	23 05 23 00-0636	EA			4" Flanged Balancing Valve With Lever.....	918.93	268.51		
	23 05 23 00-0637	EA			5" Flanged Balancing Valve With Lever.....	1,364.65	305.25		
	23 05 23 00-0638	EA			6" Flanged Balancing Valve With Lever.....	1,409.14	339.17		
	23 05 23 00-0639	EA			8" Flanged Balancing Valve With Lever.....	1,903.88	433.39		
23 05 23 00-0640		Balancing Valves With Nut (23 05 23 00-0626)							
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.									

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 05 23 00-0641	EA	4" Flanged Balancing Valve With Nut		873.18	268.51
23 05 23 00-0642	EA	5" Flanged Balancing Valve With Nut		1,306.58	305.25
23 05 23 00-0643	EA	6" Flanged Balancing Valve With Nut		1,351.07	339.17
23 05 23 00-0644	EA	8" Flanged Balancing Valve With Nut		1,822.94	433.39
23 05 23 00-0645		Balancing Valves With Hand Wheel <small>(23 05 23 00-0626)</small>			
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.			
23 05 23 00-0646	EA	4" Flanged Balancing Valve With Hand Wheel		1,216.32	268.51
23 05 23 00-0647	EA	5" Flanged Balancing Valve With Hand Wheel		1,667.32	305.25
23 05 23 00-0648	EA	6" Flanged Balancing Valve With Hand Wheel		1,711.81	339.17
23 05 23 00-0649	EA	8" Flanged Balancing Valve With Hand Wheel		2,217.10	433.39
23 05 23 00-0650	EA	10" Flanged Balancing Valve With Hand Wheel		3,288.46	527.60
23 05 23 00-0651	EA	12" Flanged Balancing Valve With Hand Wheel		4,278.80	418.48
23 05 23 00-0652	EA	14" Flanged Balancing Valve With Hand Wheel		5,779.66	789.03
23 05 23 00-0653		Balancing Valves With Chain Wheel <small>(23 05 23 00-0626)</small>			
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.			
23 05 23 00-0654	EA	4" Flanged Balancing Valve With Chain Wheel		1,402.85	268.51
23 05 23 00-0655	EA	5" Flanged Balancing Valve With Chain Wheel		1,855.60	305.25
23 05 23 00-0656	EA	6" Flanged Balancing Valve With Chain Wheel		1,900.09	339.17
23 05 23 00-0657	EA	8" Flanged Balancing Valve With Chain Wheel		2,403.63	433.39
23 05 23 00-0658	EA	10" Flanged Balancing Valve With Chain Wheel		3,476.75	527.60
23 05 23 00-0659	EA	12" Flanged Balancing Valve With Chain Wheel		4,509.58	418.19
23 05 23 00-0660	EA	14" Flanged Balancing Valve With Chain Wheel		6,008.42	789.03
23 05 23 00-0661		Calibrated Balancing Valves <small>(23 05 23 00-0626)</small>			
		Note: Bell & Gossett CB Series.			
23 05 23 00-0662	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)		90.60	10.23
23 05 23 00-0663	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)		107.83	11.25
23 05 23 00-0664	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)		131.60	12.79
23 05 23 00-0665	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)		176.20	13.61
23 05 23 00-0666	EA	1" Threaded Calibrated Balancing Valve (CB-1)		139.52	12.79
23 05 23 00-0667	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)		189.88	13.61
23 05 23 00-0668	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)		220.53	15.76
23 05 23 00-0669	EA	2" Threaded Calibrated Balancing Valve (CB-2)		294.59	18.62
23 05 23 00-0670	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)		539.53	27.32
23 05 23 00-0671	EA	3" Threaded Calibrated Balancing Valve (CB-3)		751.28	31.71
23 05 23 00-0672	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)		718.76	148.34
23 05 23 00-0673	EA	3" Flanged Calibrated Balancing Valve (CB-3F)		1,027.59	173.92
23 05 23 00-0674	EA	4" Flanged Calibrated Balancing Valve (CB-4F)		1,614.45	291.57
23 05 23 00-0675	EA	5" Flanged Calibrated Balancing Valve (CB-5F)		2,296.31	331.47
23 05 23 00-0676	EA	6" Flanged Calibrated Balancing Valve (CB-6F)		2,999.77	368.30
23 05 23 00-0677	EA	8" Flanged Calibrated Balancing Valve (CB-8F)		5,354.12	470.60
23 05 23 00-0678	EA	10" Flanged Calibrated Balancing Valve (CB-10F)		7,411.46	552.32
23 05 23 00-0679	EA	12" Flanged Calibrated Balancing Valve (CB-12F)		15,428.73	670.68
23 05 23 00-0680	EA	4" Grooved Calibrated Balancing Valve (CB-4G)		1,817.03	35.22
23 05 23 00-0681	EA	5" Grooved Calibrated Balancing Valve (CB-5G)		2,097.29	45.02
23 05 23 00-0682	EA	6" Grooved Calibrated Balancing Valve (CB-6G)		2,786.24	57.73
23 05 23 00-0683	EA	8" Grooved Calibrated Balancing Valve (CB-8G)		5,199.35	73.27
23 05 23 00-0684	EA	10" Grooved Calibrated Balancing Valve (CB-10G)		6,982.10	82.10
23 05 23 00-0685	EA	12" Grooved Calibrated Balancing Valve (CB-12G)		14,344.48	100.10
23 05 23 00-0686		Butterfly Valves <small>(23 05 23)</small>			
23 05 23 00-0687		Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves <small>(23 05 23 00-0686)</small>			
		Note: With on-off handle			
23 05 23 00-0688	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		291.52	136.33
		For 200 PSI, Add		58.11	
		For Work In Restricted Working Space, Add		51.14	
23 05 23 00-0689	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		299.32	136.55
		For 200 PSI, Add		61.49	
		For Work In Restricted Working Space, Add		51.37	
23 05 23 00-0690	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		338.33	160.10
		For 200 PSI, Add		66.22	
		For Work In Restricted Working Space, Add		60.11	
23 05 23 00-0691	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		509.49	268.40
		For 200 PSI, Add		83.11	
		For Work In Restricted Working Space, Add		100.90	
23 05 23 00-0692	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		645.03	317.79
		For 200 PSI, Add		118.25	
		For Work In Restricted Working Space, Add		119.60	
23 05 23 00-0693	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		742.64	353.11
		For 200 PSI, Add		144.60	
		For Work In Restricted Working Space, Add		132.41	
23 05 23 00-0694	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		957.72	406.07
		For 200 PSI, Add		217.58	
		For Work In Restricted Working Space, Add		151.33	
23 05 23 00-0695	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type		1,496.36	494.35
		For 200 PSI, Add		421.65	
		For Work In Restricted Working Space, Add		185.38	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0696	EA		12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,868.17	600.28
			<i>For 200 PSI, Add</i>	537.20	
			<i>For Work In Restricted Working Space, Add</i>	224.70	
23 05 23 00-0697			Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve <small>(23 05 23 00-0696)</small>		
23 05 23 00-0698	EA		2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	904.74	27.31
			<i>For Work In Restricted Working Space, Add</i>	16.11	
23 05 23 00-0699	EA		3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	980.43	31.70
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 05 23 00-0700	EA		4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	1,226.36	35.79
			<i>For Work In Restricted Working Space, Add</i>	25.31	
23 05 23 00-0701			Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves <small>(23 05 23 00-0696)</small>		
23 05 23 00-0702	EA		2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	502.68	136.33
			<i>For Work In Restricted Working Space, Add</i>	51.14	
23 05 23 00-0703	EA		2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	506.26	136.55
			<i>For Work In Restricted Working Space, Add</i>	51.37	
23 05 23 00-0704	EA		3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	552.31	160.10
			<i>For Work In Restricted Working Space, Add</i>	60.11	
23 05 23 00-0705	EA		4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	733.32	268.40
			<i>For Work In Restricted Working Space, Add</i>	100.90	
23 05 23 00-0706	EA		5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	892.79	317.79
			<i>For Work In Restricted Working Space, Add</i>	119.60	
23 05 23 00-0707	EA		6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	988.91	353.11
			<i>For Work In Restricted Working Space, Add</i>	132.41	
23 05 23 00-0708	EA		8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,213.93	406.07
			<i>For Work In Restricted Working Space, Add</i>	151.33	
23 05 23 00-0709	EA		10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,534.37	494.35
			<i>For Work In Restricted Working Space, Add</i>	185.38	
23 05 23 00-0710	EA		12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	2,080.74	600.28
			<i>For Work In Restricted Working Space, Add</i>	224.70	
23 05 23 00-0711			Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves <small>(23 05 23 00-0696)</small>		
23 05 23 00-0712	EA		14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	3,406.94	772.25
			<i>For 200 PSI, Add</i>	855.82	
			<i>For Work In Restricted Working Space, Add</i>	308.90	
23 05 23 00-0713	EA		16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	4,326.47	906.10
			<i>For 200 PSI, Add</i>	1,149.79	
			<i>For Work In Restricted Working Space, Add</i>	339.79	
23 05 23 00-0714	EA		18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	6,003.74	1,009.06
			<i>For 200 PSI, Add</i>	1,708.30	
			<i>For Work In Restricted Working Space, Add</i>	377.54	
23 05 23 00-0715	EA		20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	7,691.97	1,132.62
			<i>For 200 PSI, Add</i>	2,259.43	
			<i>For Work In Restricted Working Space, Add</i>	424.73	
23 05 23 00-0716	EA		24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	10,312.13	1,390.04
			<i>For 200 PSI, Add</i>	3,085.07	
			<i>For Work In Restricted Working Space, Add</i>	522.75	
23 05 23 00-0717	EA		30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	21,214.79	2,215.21
			<i>For 200 PSI, Add</i>	6,622.35	
			<i>For Work In Restricted Working Space, Add</i>	845.81	
23 05 23 00-0718	EA		36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	26,896.83	3,020.74
			<i>For 200 PSI, Add</i>	8,414.15	
			<i>For Work In Restricted Working Space, Add</i>	1,057.26	
23 05 29 Hangers And Supports For HVAC Piping And Equipment <small>(23 05)</small>					
23 05 29 00-0001			Hangers And Supports <small>(23 05 29)</small>		
23 05 29 00-0002			Clevis Hangers <small>(23 05 29 00-0001)</small>		
23 05 29 00-0003			Steel Clevis Hanger (Cooper B-Line B3100) <small>(23 05 29 00-0002)</small>		
			Note: Type 1.		
23 05 29 00-0004	EA		1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	19.15	8.48
			<i>For Work In Restricted Working Space, Add</i>	5.09	
23 05 29 00-0005	EA		3/4" Steel Clevis Hanger (Cooper B-Line B3100).....	21.04	9.41
			<i>For Work In Restricted Working Space, Add</i>	5.65	
23 05 29 00-0006	EA		1" Steel Clevis Hanger (Cooper B-Line B3100).....	22.11	9.41
			<i>For Work In Restricted Working Space, Add</i>	5.95	
23 05 29 00-0007	EA		1-1/4" Steel Clevis Hanger (Cooper B-Line B3100).....	23.00	10.19
			<i>For Work In Restricted Working Space, Add</i>	6.11	
23 05 29 00-0008	EA		1-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	23.29	10.19
			<i>For Work In Restricted Working Space, Add</i>	6.11	
23 05 29 00-0009	EA		2" Steel Clevis Hanger (Cooper B-Line B3100).....	24.42	10.36
			<i>For Work In Restricted Working Space, Add</i>	6.28	
23 05 29 00-0010	EA		2-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	27.18	10.73
			<i>For Work In Restricted Working Space, Add</i>	6.46	
23 05 29 00-0011	EA		3" Steel Clevis Hanger (Cooper B-Line B3100).....	29.27	11.30
			<i>For Work In Restricted Working Space, Add</i>	6.65	
23 05 29 00-0012	EA		3-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	30.45	12.41
			<i>For Work In Restricted Working Space, Add</i>	7.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0013	EA		4" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	33.67 7.53	13.19
23 05 29 00-0014	EA		5" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	43.39 9.47	15.77
23 05 29 00-0015	EA		6" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	52.29 11.30	18.84
23 05 29 00-0016	EA		8" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	71.31 14.13	23.55
23 05 29 00-0017	EA		10" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	105.94 18.83	32.02
23 05 29 00-0018	EA		12" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	125.02 21.19	35.31
23 05 29 00-0019	EA		14" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	157.59 24.30	39.56
23 05 29 00-0020	EA		16" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	198.15 28.25	47.09
23 05 29 00-0021	EA		18" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	246.87 35.32	58.86
23 05 29 00-0022	EA		20" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	412.65 42.38	70.64
23 05 29 00-0023	EA		24" Steel Clevis Hanger (Cooper B-Line B3100) <i>For Work In Restricted Working Space, Add</i>	644.18 49.44	82.40
23 05 29 00-0024			Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0025	EA		1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	25.01 5.09	8.48
23 05 29 00-0026	EA		3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	26.90 5.65	9.41
23 05 29 00-0027	EA		1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	28.09 5.95	9.41
23 05 29 00-0028	EA		1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	29.10 6.11	10.19
23 05 29 00-0029	EA		1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	29.85 6.11	10.19
23 05 29 00-0030	EA		2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	30.61 6.28	10.36
23 05 29 00-0031	EA		2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	34.74 6.46	10.73
23 05 29 00-0032	EA		3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	36.58 6.65	11.30
23 05 29 00-0033	EA		3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	40.94 7.53	13.19
23 05 29 00-0034	EA		4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	45.88 7.53	13.19
23 05 29 00-0035	EA		5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	77.83 9.47	15.77
23 05 29 00-0036	EA		6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	96.82 11.30	18.84
23 05 29 00-0037	EA		8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) <i>For Work In Restricted Working Space, Add</i>	114.72 14.13	23.55
23 05 29 00-0038			Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0039	EA		1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	18.94 5.09	8.48
23 05 29 00-0040	EA		3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	20.88 5.65	9.41
23 05 29 00-0041	EA		1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	22.06 5.95	9.41
23 05 29 00-0042	EA		1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	22.67 6.11	10.19
23 05 29 00-0043	EA		1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	22.83 6.11	10.19
23 05 29 00-0044	EA		2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	23.51 6.28	10.36
23 05 29 00-0045	EA		2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	25.98 6.46	10.73
23 05 29 00-0046	EA		3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	27.23 6.65	11.30
23 05 29 00-0047	EA		3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	30.64 7.53	13.19
23 05 29 00-0048	EA		4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) <i>For Work In Restricted Working Space, Add</i>	31.80 7.53	13.19
23 05 29 00-0049			Extended Steel Clevis Hanger (Cooper B-Line B3108) <small>(23 05 29 00-0002)</small>		
23 05 29 00-0050	EA		3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108) <i>For Work In Restricted Working Space, Add</i>	28.19 5.65	9.41
23 05 29 00-0051	EA		1" Steel Extended Clevis Hanger (Cooper B-Line B3108) <i>For Work In Restricted Working Space, Add</i>	29.25 5.95	9.41
23 05 29 00-0052	EA		1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108) <i>For Work In Restricted Working Space, Add</i>	29.81 6.11	10.19
23 05 29 00-0053	EA		1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108) <i>For Work In Restricted Working Space, Add</i>	30.98 6.11	10.19
23 05 29 00-0054	EA		2" Steel Extended Clevis Hanger (Cooper B-Line B3108) <i>For Work In Restricted Working Space, Add</i>	33.48 6.28	10.36

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0055	EA		2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	36.11 6.46	10.73
23 05 29 00-0056	EA		3" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	38.03 6.65	11.30
23 05 29 00-0057	EA		4" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	46.05 7.53	13.19
23 05 29 00-0058	EA		5" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	58.14 9.47	15.77
23 05 29 00-0059	EA		6" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	72.07 11.30	18.84
23 05 29 00-0060	EA		8" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	103.75 14.13	23.55
23 05 29 00-0061	EA		10" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	146.57 18.83	32.02
23 05 29 00-0062	EA		12" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	164.60 21.19	35.31
23 05 29 00-0063			Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) (23 05 29 00-0002)		
23 05 29 00-0064	EA		2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	34.85 6.28	10.36
23 05 29 00-0065	EA		2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	37.40 6.46	10.73
23 05 29 00-0066	EA		3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	39.49 6.65	11.30
23 05 29 00-0067	EA		3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	43.55 7.53	13.19
23 05 29 00-0068	EA		4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	46.46 7.53	13.19
23 05 29 00-0069	EA		5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	57.60 9.47	15.77
23 05 29 00-0070	EA		6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	67.00 11.30	18.84
23 05 29 00-0071	EA		8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)..... <i>For Work In Restricted Working Space, Add</i>	89.71 14.13	23.55
23 05 29 00-0072			Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT) (23 05 29 00-0002)		
23 05 29 00-0073	EA		1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	20.74 5.23	8.71
23 05 29 00-0074	EA		3/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	22.16 5.65	9.41
23 05 29 00-0075	EA		1" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	23.14 5.95	9.41
23 05 29 00-0076	EA		1-1/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	23.87 6.05	9.73
23 05 29 00-0077	EA		1-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	24.37 6.17	10.04
23 05 29 00-0078	EA		2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	25.31 6.28	10.36
23 05 29 00-0079	EA		2-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	27.69 6.42	10.83
23 05 29 00-0080	EA		3" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	31.08 6.65	11.30
23 05 29 00-0081	EA		3-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	33.60 7.07	12.24
23 05 29 00-0082	EA		4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	35.53 7.53	13.19
23 05 29 00-0083	EA		5" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	43.94 9.05	16.01
23 05 29 00-0084	EA		6" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)..... <i>For Work In Restricted Working Space, Add</i>	57.36 11.30	18.84
23 05 29 00-0085			Adjustable Hangers (23 05 29 00-0001)		
23 05 29 00-0086			Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) (23 05 29 00-0085) Note: Type 5.		
23 05 29 00-0087	EA		1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	17.67 4.46	7.43
23 05 29 00-0088	EA		3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	19.31 4.95	8.24
23 05 29 00-0089	EA		1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	21.11 5.49	9.16
23 05 29 00-0090	EA		1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	23.26 6.11	10.17
23 05 29 00-0091	EA		1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	24.43 6.41	10.69
23 05 29 00-0092	EA		2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	26.34 6.72	11.19
23 05 29 00-0093	EA		2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	30.96 7.02	11.70
23 05 29 00-0094	EA		3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	32.35 7.32	12.21
23 05 29 00-0095	EA		4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	39.02 8.24	13.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0096			Adjustable Swivel Steel Ring (Cooper B-Line B3170) (23 05 29 00-0085) Note: Type 10.		
23 05 29 00-0097	EA		1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	20.13 5.65 8.51 10.97	9.41
23 05 29 00-0098	EA		3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	21.23 5.95 9.31 11.99	9.41
23 05 29 00-0099	EA		1" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	22.34 6.28 9.31 11.99	10.36
23 05 29 00-0100	EA		1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	23.74 6.65 10.43 13.43	11.30
23 05 29 00-0101	EA		1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	26.69 7.53 10.43 13.43	13.19
23 05 29 00-0102	EA		2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	28.56 8.07 10.96 14.11	13.19
23 05 29 00-0103	EA		2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	31.68 8.69 17.82 22.95	14.13
23 05 29 00-0104	EA		3" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	34.21 9.42 18.61 23.97	16.01
23 05 29 00-0105	EA		3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	38.16 10.31 24.95 32.13	17.19
23 05 29 00-0106	EA		4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	41.45 11.30 24.95 32.13	18.84
23 05 29 00-0107	EA		5" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	50.23 12.71 51.81 66.73	21.19
23 05 29 00-0108	EA		6" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	55.07 14.13 52.67 67.83	23.55
23 05 29 00-0109	EA		8" Adjustable Swivel Steel Ring (Cooper B-Line B3170) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	65.97 16.95 62.50 80.50	28.25
23 05 29 00-0110			Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) (23 05 29 00-0085)		
23 05 29 00-0111	EA		1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	20.75 5.65 12.61 16.24	9.41
23 05 29 00-0112	EA		3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	21.73 5.95 12.61 16.24	9.41
23 05 29 00-0113	EA		1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	22.84 6.28 12.61 16.24	10.36
23 05 29 00-0114	EA		1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	24.07 6.65 12.61 16.24	11.30
23 05 29 00-0115	EA		1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	27.18 7.53 13.66 17.60	13.19
23 05 29 00-0116	EA		2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	28.97 8.07 13.66 17.60	13.19
23 05 29 00-0117	EA		2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	34.41 8.69 35.84 46.16	14.13
23 05 29 00-0118	EA		3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	38.12 9.42 44.42 57.21	16.01

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 29 Hangers And Supports For HVAC Piping And Equipment



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 29 00-0119	EA 3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	41.64	17.19
	<i>For Work In Restricted Working Space, Add</i>	10.31	
	<i>For 304 Stainless Steel, Add</i>	47.92	
	<i>For 316 Stainless Steel, Add</i>	61.71	
23 05 29 00-0120	EA 4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	46.51	18.84
	<i>For Work In Restricted Working Space, Add</i>	11.30	
	<i>For 304 Stainless Steel, Add</i>	58.34	
	<i>For 316 Stainless Steel, Add</i>	75.14	
23 05 29 00-0121	EA 5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	51.34	21.19
	<i>For Work In Restricted Working Space, Add</i>	12.71	
	<i>For 304 Stainless Steel, Add</i>	59.14	
	<i>For 316 Stainless Steel, Add</i>	76.16	
23 05 29 00-0122	EA 6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	60.06	23.55
	<i>For Work In Restricted Working Space, Add</i>	14.13	
	<i>For 304 Stainless Steel, Add</i>	85.60	
	<i>For 316 Stainless Steel, Add</i>	110.25	
23 05 29 00-0123	Roller Hangers (23 05 29 00-0001)		
23 05 29 00-0124	Single Pipe Roll (Cooper B-Line B3114) (23 05 29 00-0123)		
	Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0125	EA 2" Single Pipe Roll (Cooper B-Line B3114).....	33.39	7.54
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	4.52	
23 05 29 00-0126	EA 2-1/2" Single Pipe Roll (Cooper B-Line B3114).....	36.64	8.48
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	5.09	
23 05 29 00-0127	EA 3" Single Pipe Roll (Cooper B-Line B3114).....	40.55	9.89
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	5.93	
23 05 29 00-0128	EA 3-1/2" Single Pipe Roll (Cooper B-Line B3114).....	46.70	11.31
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	6.78	
23 05 29 00-0129	EA 4" Single Pipe Roll (Cooper B-Line B3114).....	66.03	12.72
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0130	EA 5" Single Pipe Roll (Cooper B-Line B3114).....	57.50	14.14
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	8.48	
23 05 29 00-0131	EA 6" Single Pipe Roll (Cooper B-Line B3114).....	71.89	16.95
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	10.18	
23 05 29 00-0132	EA 8" Single Pipe Roll (Cooper B-Line B3114).....	98.47	19.78
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	11.87	
23 05 29 00-0133	EA 10" Single Pipe Roll (Cooper B-Line B3114).....	116.69	23.56
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	14.13	
23 05 29 00-0134	Adjustable Clevis Roller Hanger (Cooper B-Line B3110) (23 05 29 00-0123)		
	Note: Type 43.		
23 05 29 00-0135	EA 2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	48.97	13.30
	<i>For Work In Restricted Working Space, Add</i>	7.67	
	<i>For 304 Stainless Steel, Add</i>	154.37	
	<i>For 316 Stainless Steel, Add</i>	198.82	
23 05 29 00-0136	EA 2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	50.81	13.71
	<i>For Work In Restricted Working Space, Add</i>	8.23	
	<i>For 304 Stainless Steel, Add</i>	154.37	
	<i>For 316 Stainless Steel, Add</i>	198.82	
23 05 29 00-0137	EA 3" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	55.32	14.32
	<i>For Work In Restricted Working Space, Add</i>	8.77	
	<i>For 304 Stainless Steel, Add</i>	172.19	
	<i>For 316 Stainless Steel, Add</i>	221.77	
23 05 29 00-0138	EA 3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	65.42	15.35
	<i>For Work In Restricted Working Space, Add</i>	9.21	
	<i>For 304 Stainless Steel, Add</i>	229.22	
	<i>For 316 Stainless Steel, Add</i>	295.21	
23 05 29 00-0139	EA 4" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	68.83	17.39
	<i>For Work In Restricted Working Space, Add</i>	10.23	
	<i>For 304 Stainless Steel, Add</i>	229.22	
	<i>For 316 Stainless Steel, Add</i>	295.21	
23 05 29 00-0140	EA 5" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	77.98	18.73
	<i>For Work In Restricted Working Space, Add</i>	11.23	
	<i>For 304 Stainless Steel, Add</i>	267.56	
	<i>For 316 Stainless Steel, Add</i>	344.59	
23 05 29 00-0141	EA 6" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	91.27	20.46
	<i>For Work In Restricted Working Space, Add</i>	12.28	
	<i>For 304 Stainless Steel, Add</i>	332.31	
	<i>For 316 Stainless Steel, Add</i>	427.98	
23 05 29 00-0142	EA 8" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	126.50	25.58
	<i>For Work In Restricted Working Space, Add</i>	15.35	
	<i>For 304 Stainless Steel, Add</i>	497.31	
	<i>For 316 Stainless Steel, Add</i>	640.48	
23 05 29 00-0143	EA 10" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	157.98	34.79
	<i>For Work In Restricted Working Space, Add</i>	20.46	
	<i>For 304 Stainless Steel, Add</i>	592.48	
	<i>For 316 Stainless Steel, Add</i>	763.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0144	EA		12" Steel Clevis Roller Hanger (Cooper B-Line B3110)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	208.71 23.02 871.07 1,121.83	38.37
23 05 29 00-0145	EA		14" Steel Clevis Roller Hanger (Cooper B-Line B3110)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	453.70 26.39 2,413.75 3,108.62	43.99
23 05 29 00-0146	EA		16" Steel Clevis Roller Hanger (Cooper B-Line B3110)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	571.75 30.69 3,098.37 3,990.33	51.15
23 05 29 00-0147 Roller Chair (Cooper B-Line B3120) (23 05 29 00-0123)					
23 05 29 00-0148	EA		2" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	47.43 7.67	13.30
23 05 29 00-0149	EA		2-1/2" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	51.14 8.23	13.71
23 05 29 00-0150	EA		3" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	53.49 8.77	14.32
23 05 29 00-0151	EA		3-1/2" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	61.60 9.21	15.35
23 05 29 00-0152	EA		4" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	68.66 10.23	17.39
23 05 29 00-0153	EA		5" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	74.99 11.23	18.73
23 05 29 00-0154	EA		6" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	93.22 12.28	20.46
23 05 29 00-0155	EA		8" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	121.85 15.35	25.58
23 05 29 00-0156	EA		10" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	156.90 20.46	34.79
23 05 29 00-0157	EA		12" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	205.88 23.02	38.37
23 05 29 00-0158	EA		14" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	223.45 26.39	43.99
23 05 29 00-0159	EA		16" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	270.45 30.69	51.15
23 05 29 00-0160	EA		18" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	367.33 38.37	63.94
23 05 29 00-0161	EA		20" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	455.83 46.04	76.73
23 05 29 00-0162 Adjustable Roller Support (Cooper B-Line B3122) (23 05 29 00-0123)					
23 05 29 00-0163	EA		2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	54.62 7.67	13.30
23 05 29 00-0164	EA		2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	61.78 8.23	13.71
23 05 29 00-0165	EA		3" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	64.83 8.77	14.32
23 05 29 00-0166	EA		3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	68.54 9.21	15.35
23 05 29 00-0167	EA		4" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	83.20 10.23	17.39
23 05 29 00-0168	EA		5" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	94.68 11.23	18.73
23 05 29 00-0169	EA		6" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	111.00 12.28	20.46
23 05 29 00-0170	EA		8" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	158.45 15.35	25.58
23 05 29 00-0171	EA		10" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	196.36 20.46	34.79
23 05 29 00-0172	EA		12" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	227.73 23.02	38.37
23 05 29 00-0173	EA		14" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	328.04 26.39	43.99
23 05 29 00-0174	EA		16" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	394.16 30.69	51.15
23 05 29 00-0175	EA		18" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	444.30 38.37	63.94
23 05 29 00-0176 Adjustable Double Roller Support (Cooper B-Line B3122A) (23 05 29 00-0123)					
23 05 29 00-0177	EA		2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	55.04 7.67	13.30
23 05 29 00-0178	EA		2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	62.15 8.23	13.71
23 05 29 00-0179	EA		3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	65.45 8.77	14.32
23 05 29 00-0180	EA		3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	67.99 9.21	15.35
23 05 29 00-0181	EA		4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	87.40 10.23	17.39
23 05 29 00-0182	EA		5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	99.63 11.23	18.73

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0183	EA		6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	116.90 12.28	20.46
23 05 29 00-0184	EA		8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	167.59 15.35	25.58
23 05 29 00-0185	EA		10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	207.33 20.46	34.79
23 05 29 00-0186	EA		12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	240.56 23.02	38.37
23 05 29 00-0187	EA		14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	348.56 26.39	43.99
23 05 29 00-0188			Pipe And Riser Clamps (23 05 29 00-0001) Note: Includes bolts and weldless eye nuts.		
23 05 29 00-0189			Steel Pipe Clamp (Cooper B-Line B3140) (23 05 29 00-0188) Note: Type 4.		
23 05 29 00-0190	EA		1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.65 3.66	6.10
23 05 29 00-0191	EA		3/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.85 3.72	6.21
23 05 29 00-0192	EA		1" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	18.09 3.78	6.31
23 05 29 00-0193	EA		1-1/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	19.96 3.85	6.41
23 05 29 00-0194	EA		1-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	20.16 3.91	6.51
23 05 29 00-0195	EA		2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	21.62 3.97	6.61
23 05 29 00-0196	EA		2-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	22.53 4.09	6.81
23 05 29 00-0197	EA		3" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	23.97 4.21	7.02
23 05 29 00-0198	EA		3-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	28.29 4.28	7.12
23 05 29 00-0199	EA		4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	32.35 5.49	9.16
23 05 29 00-0200	EA		5" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	46.85 7.33	12.21
23 05 29 00-0201	EA		6" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	64.92 9.16	15.26
23 05 29 00-0202	EA		8" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	76.49 10.68	17.80
23 05 29 00-0203	EA		10" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	114.39 12.21	20.35
23 05 29 00-0204	EA		12" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	158.75 13.43	22.39
23 05 29 00-0205	EA		14" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	262.77 14.65	24.42
23 05 29 00-0206	EA		16" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	284.83 15.87	26.45
23 05 29 00-0207	EA		18" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	470.14 17.09	28.49
23 05 29 00-0208	EA		20" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	544.91 18.32	30.52
23 05 29 00-0209	EA		24" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	713.36 20.15	33.57
23 05 29 00-0210			Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0188)		
23 05 29 00-0211	EA		3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	39.21 3.92	6.59
23 05 29 00-0212	EA		4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	52.63 3.92	6.59
23 05 29 00-0213	EA		5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	57.98 4.10	6.82
23 05 29 00-0214	EA		6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	94.63 4.26	7.06
23 05 29 00-0215	EA		8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	103.09 4.52	7.53
23 05 29 00-0216	EA		10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	179.45 4.51	7.53
23 05 29 00-0217	EA		12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	292.40 5.08	8.48
23 05 29 00-0218	EA		14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	371.68 5.65	9.41
23 05 29 00-0219	EA		16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	403.57 6.78	11.30
23 05 29 00-0220	EA		18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,266.81 7.91	13.19
23 05 29 00-0221	EA		20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,456.70 8.48	14.13
23 05 29 00-0222	EA		24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,867.50 9.04	15.07
23 05 29 00-0223			Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0188) Note: Type 8.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0224	EA		1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	18.11 3.39	5.65
23 05 29 00-0225	EA		3/4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	18.93 3.45	5.74
23 05 29 00-0226	EA		1" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	19.20 3.50	5.84
23 05 29 00-0227	EA		1-1/4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	20.97 3.56	5.93
23 05 29 00-0228	EA		1-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	21.87 3.62	6.02
23 05 29 00-0229	EA		2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	22.42 3.67	6.13
23 05 29 00-0230	EA		2-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	23.42 3.79	6.31
23 05 29 00-0231	EA		3" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	24.92 3.90	6.50
23 05 29 00-0232	EA		3-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	27.69 3.96	6.59
23 05 29 00-0233	EA		4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	33.37 5.09	8.48
23 05 29 00-0234	EA		5" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	42.95 6.78	11.30
23 05 29 00-0235	EA		6" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	54.59 8.48	14.13
23 05 29 00-0236	EA		8" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	76.08 9.89	16.48
23 05 29 00-0237	EA		10" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	101.48 11.30	18.84
23 05 29 00-0238	EA		12" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	123.86 12.43	20.72
23 05 29 00-0239	EA		14" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	169.20 13.56	22.60
23 05 29 00-0240	EA		16" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	332.02 14.69	24.48
23 05 29 00-0241			Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) <small>(23 05 29 00-0188)</small>		
23 05 29 00-0242	EA		1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	34.31 3.39	5.65
23 05 29 00-0243	EA		3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	34.84 3.45	5.74
23 05 29 00-0244	EA		1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	36.35 3.50	5.84
23 05 29 00-0245	EA		1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	39.04 3.56	5.93
23 05 29 00-0246	EA		1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	44.46 3.62	6.02
23 05 29 00-0247	EA		2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	47.38 3.67	6.13
23 05 29 00-0248	EA		2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	51.46 3.79	6.31
23 05 29 00-0249	EA		3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	56.77 3.90	6.50
23 05 29 00-0250	EA		4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	77.06 5.09	8.48
23 05 29 00-0251			Copper Tubing Riser Clamp (Cooper B-Line B3373CT) <small>(23 05 29 00-0188)</small>		
23 05 29 00-0252	EA		1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	21.40	5.65
23 05 29 00-0253	EA		3/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	21.59	5.74
23 05 29 00-0254	EA		1" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	21.78	5.84
23 05 29 00-0255	EA		1-1/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	22.29	5.93
23 05 29 00-0256	EA		1-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	24.79	6.02
23 05 29 00-0257	EA		2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	25.66	6.13
23 05 29 00-0258	EA		2-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	28.43	6.31
23 05 29 00-0259	EA		3" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	31.28	6.50
23 05 29 00-0260	EA		3-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	37.48	6.59
23 05 29 00-0261	EA		4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	41.48	8.48
23 05 29 00-0262	EA		5" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	55.17	11.30
23 05 29 00-0263	EA		6" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	70.21	14.13
23 05 29 00-0264			Two Bolt Steel Underground Clamp (Cooper B-Line B3132) <small>(23 05 29 00-0188)</small>		
23 05 29 00-0265	EA		4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	80.63 3.92	6.59
23 05 29 00-0266	EA		6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	85.49 4.26	7.06
23 05 29 00-0267	EA		8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	94.04 4.52	7.53
23 05 29 00-0268	EA		10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	100.69 4.51	7.53
23 05 29 00-0269	EA		12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	122.15 5.08	8.48
23 05 29 00-0270	EA		14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	388.70 5.65	9.41

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0271	EA		16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	521.46 6.78	11.30
23 05 29 00-0272	EA		18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	621.52 7.91	13.19
23 05 29 00-0273	EA		20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	908.21 8.48	14.13
23 05 29 00-0274	EA		24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	1,254.20 9.04	15.07
23 05 29 00-0275			Four Bolt Steel Underground Clamp (Cooper B-Line B3134) (23 05 29 00-0188)		
23 05 29 00-0276	EA		4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	74.14 3.92	6.59
23 05 29 00-0277	EA		6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	79.93 4.26	7.06
23 05 29 00-0278	EA		8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	142.42 4.52	7.53
23 05 29 00-0279	EA		10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	158.84 4.51	7.53
23 05 29 00-0280	EA		12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	229.38 5.08	8.48
23 05 29 00-0281	EA		14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	353.70 5.65	9.41
23 05 29 00-0282	EA		16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	475.18 6.78	11.30
23 05 29 00-0283	EA		18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	565.73 7.91	13.19
23 05 29 00-0284	EA		20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	829.85 8.48	14.13
23 05 29 00-0285	EA		24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	1,138.22 9.04	15.07
23 05 29 00-0286			Split Pipe Clamps And Rings (23 05 29 00-0001)		
23 05 29 00-0287			Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) (23 05 29 00-0286) Note: Type 6.		
23 05 29 00-0288	EA		3/4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	30.39 5.19	8.65
23 05 29 00-0289	EA		1" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	32.18 5.49	9.16
23 05 29 00-0290	EA		1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	34.89 6.11	10.17
23 05 29 00-0291	EA		1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	37.73 6.41	10.69
23 05 29 00-0292	EA		2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	40.96 6.72	11.19
23 05 29 00-0293	EA		2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	51.69 7.02	11.70
23 05 29 00-0294	EA		3" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	57.06 7.32	12.21
23 05 29 00-0295	EA		4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	77.28 8.24	13.74
23 05 29 00-0296	EA		5" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	98.36 10.38	17.30
23 05 29 00-0297	EA		6" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	133.00 12.21	20.35
23 05 29 00-0298			Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) (23 05 29 00-0286) Note: Type 11.		
23 05 29 00-0299	EA		1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	18.85 4.38	7.16
23 05 29 00-0300	EA		3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	19.91 4.58	7.16
23 05 29 00-0301	EA		1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	21.86 5.11	9.21
23 05 29 00-0302	EA		1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	23.93 5.39	9.21
23 05 29 00-0303	EA		1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	27.12 5.58	9.21
23 05 29 00-0304	EA		2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	32.04 6.14	10.22
23 05 29 00-0305	EA		2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	44.44 6.39	10.22
23 05 29 00-0306	EA		3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	49.81 6.67	11.25
23 05 29 00-0307	EA		4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	52.85 7.31	12.28
23 05 29 00-0308			Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) (23 05 29 00-0286) Note: Type 12.		
23 05 29 00-0309	EA		1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	18.85 4.38	7.16
23 05 29 00-0310	EA		3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	19.91 4.58	7.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0311	EA		1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	21.86 5.11	8.70
23 05 29 00-0312	EA		1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) <i>For Work In Restricted Working Space, Add</i>	23.93 5.39	9.21
23 05 29 00-0313	EA		1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) <i>For Work In Restricted Working Space, Add</i>	27.12 5.58	9.21
23 05 29 00-0314	EA		2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	32.04 6.14	10.22
23 05 29 00-0315	EA		2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) <i>For Work In Restricted Working Space, Add</i>	44.44 6.39	10.74
23 05 29 00-0316	EA		3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	49.81 6.67	11.25
23 05 29 00-0317			Pipe Straps <small>(23 05 29 00-0001)</small>		
23 05 29 00-0318			Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) <small>(23 05 29 00-0317)</small>		
23 05 29 00-0319	EA		1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	12.73 3.07	5.12
23 05 29 00-0320	EA		3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	13.28 3.23	6.13
23 05 29 00-0321	EA		1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	13.87 3.41	6.13
23 05 29 00-0322	EA		1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	14.66 3.61	6.13
23 05 29 00-0323	EA		1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	15.49 3.84	7.16
23 05 29 00-0324	EA		2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	18.08 4.09	7.16
23 05 29 00-0325	EA		2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	22.66 4.38	7.16
23 05 29 00-0326	EA		3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	29.83 4.72	7.16
23 05 29 00-0327	EA		4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	35.39 5.52	9.21
23 05 29 00-0328	EA		6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	43.85 6.14	10.22
23 05 29 00-0329	EA		8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) <i>For Work In Restricted Working Space, Add</i>	55.46 6.75	11.25
23 05 29 00-0330			Two Hole Copper-Clad Pipe Straps <small>(23 05 29 00-0317)</small>		
23 05 29 00-0331	EA		1/2" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	5.55 1.54	
23 05 29 00-0332	EA		3/4" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	5.87 1.61	
23 05 29 00-0333	EA		1" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	6.49 1.69	
23 05 29 00-0334	EA		1-1/4" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	7.14 1.76	
23 05 29 00-0335	EA		1-1/2" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	7.63 1.84	
23 05 29 00-0336	EA		2" Two Hole Copper-Clad Pipe Strap <i>For Work In Restricted Working Space, Add</i>	8.29 2.00	
23 05 29 00-0337			One Hole Galvanized Steel Pipe Straps <small>(23 05 29 00-0317)</small>		
23 05 29 00-0338	EA		1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D) <i>For Work In Restricted Working Space, Add</i>	2.82 0.51	
23 05 29 00-0339	EA		3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D) <i>For Work In Restricted Working Space, Add</i>	3.41 0.55	
23 05 29 00-0340	EA		1" One Hole Galvanized Steel Pipe Strap (Anvil 185D) <i>For Work In Restricted Working Space, Add</i>	3.66 0.59	
23 05 29 00-0341	EA		1-1/4" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	3.93 0.64	
23 05 29 00-0342	EA		1-1/2" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	4.21 0.70	
23 05 29 00-0343	EA		2" Galvanized Steel Strap, 1 Hole..... <i>For Work In Restricted Working Space, Add</i>	4.70 0.77	
23 05 29 00-0344			Pipe and Equipment Support Brackets <small>(23 05 29 00-0001)</small>		
23 05 29 00-0345			Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) <small>(23 05 29 00-0344)</small> Note: Up to 750# load.		
23 05 29 00-0346	EA		9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	134.89 22.46 6.78	11.30
23 05 29 00-0347	EA		13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.94 22.87 6.78	11.30
23 05 29 00-0348	EA		19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	145.07 24.49 6.78	11.30

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0492	EA	1-1/2" Sway Bracing.....	105.72	12.43
		<i>For Work In Restricted Working Space, Add</i>	7.43	
23 05 29 00-0493	EA	2" Sway Bracing.....	109.03	13.10
		<i>For Work In Restricted Working Space, Add</i>	7.85	
23 05 29 00-0494	EA	3" Sway Bracing.....	113.03	13.84
		<i>For Work In Restricted Working Space, Add</i>	8.31	
23 05 29 00-0495	EA	4" Sway Bracing.....	128.28	15.73
		<i>For Work In Restricted Working Space, Add</i>	9.42	
23 05 29 00-0496	EA	6" Sway Bracing.....	188.39	23.55
		<i>For Work In Restricted Working Space, Add</i>	14.13	
23 05 29 00-0497	EA	8" Sway Bracing.....	209.75	29.38
		<i>For Work In Restricted Working Space, Add</i>	17.66	
23 05 29 00-0498	EA	10" Sway Bracing.....	238.40	39.28
		<i>For Work In Restricted Working Space, Add</i>	23.54	

23 05 29 00-0499 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) (23 05 29 00-0001)

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0500	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	199.97	9.41
		<i>For Work In Restricted Working Space, Add</i>	5.65	
23 05 29 00-0501	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	204.23	10.36
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 05 29 00-0502	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	357.47	11.77
		<i>For Work In Restricted Working Space, Add</i>	7.07	
23 05 29 00-0503	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	455.75	13.19
		<i>For Work In Restricted Working Space, Add</i>	7.91	
23 05 29 00-0504	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	461.83	14.59
		<i>For Work In Restricted Working Space, Add</i>	8.76	
23 05 29 00-0505	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	501.40	16.48
		<i>For Work In Restricted Working Space, Add</i>	9.89	
23 05 29 00-0506	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	606.56	17.89
		<i>For Work In Restricted Working Space, Add</i>	10.74	
23 05 29 00-0507	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	613.68	19.31
		<i>For Work In Restricted Working Space, Add</i>	11.58	
23 05 29 00-0508	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	622.85	21.19
		<i>For Work In Restricted Working Space, Add</i>	12.71	
23 05 29 00-0509	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	645.68	23.07
		<i>For Work In Restricted Working Space, Add</i>	13.84	
23 05 29 00-0510	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	685.76	25.43
		<i>For Work In Restricted Working Space, Add</i>	15.26	
23 05 29 00-0511	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	705.32	28.25
		<i>For Work In Restricted Working Space, Add</i>	16.95	
23 05 29 00-0512	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	860.96	31.08
		<i>For Work In Restricted Working Space, Add</i>	18.65	
23 05 29 00-0513	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	929.37	34.84
		<i>For Work In Restricted Working Space, Add</i>	20.91	
23 05 29 00-0514	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,327.50	38.61
		<i>For Work In Restricted Working Space, Add</i>	23.17	
23 05 29 00-0515	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,587.21	42.38
		<i>For Work In Restricted Working Space, Add</i>	25.43	
23 05 29 00-0516	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,863.37	46.14
		<i>For Work In Restricted Working Space, Add</i>	27.69	

23 05 29 00-0517 Pipe Isolators Wrap At Hanger (23 05 29 00-0001)

Note: Superstrut S-176.

23 05 29 00-0518	LF	Pipe Isolator Wrap (Cooper B-LINE B-1999)	5.11	
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23 05 29 00-0519 Channel Mounted Cushion Clamp (23 05 29 00-0001)

Note: Includes fastening into channel.

23 05 29 00-0520	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050).....	12.34	4.23
23 05 29 00-0521	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062).....	12.98	4.71
23 05 29 00-0522	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087).....	14.62	4.95
23 05 29 00-0523	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112).....	15.74	5.18
23 05 29 00-0524	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137).....	17.69	5.65
23 05 29 00-0525	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162).....	20.11	5.88
23 05 29 00-0526	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212).....	26.49	6.13
23 05 29 00-0527	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262).....	29.45	6.59
23 05 29 00-0528	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312).....	36.66	7.53

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0529	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412).....	58.00	8.48
23 05 29 00-0530		Galvanized Steel Cushion Tube Clamp (KMC) <small>(23 05 29 00-0001)</small>		
		Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0531	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe..... Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.38	
23 05 29 00-0532	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe..... Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.46	
23 05 29 00-0533	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe..... Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.51	
23 05 29 00-0534	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe..... Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.64	
23 05 29 00-0535	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe..... Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.49	
23 05 29 00-0536	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe..... Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.72	
23 05 29 00-0537	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe..... Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.58	
23 05 29 00-0538	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe..... Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.86	
23 05 29 00-0539	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe..... Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	3.88	
23 05 29 00-0540	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe..... Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.71	
23 05 29 00-0541	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe..... Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.84	
23 05 29 00-0542	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe..... Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.24	
23 05 29 00-0543	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe..... Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.85	
23 05 29 00-0544	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.11	
23 05 29 00-0545	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe..... Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.54	
23 05 29 00-0546	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe..... Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.58	
23 05 29 00-0547	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.81	
23 05 29 00-0548	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe..... Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.28	
23 05 29 00-0549	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe..... Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.42	
23 05 29 00-0550	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe..... Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.12	
23 05 29 00-0551	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe..... Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.17	
23 05 29 00-0552	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe..... Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.56	
23 05 29 00-0553	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe..... Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.12	
23 05 29 00-0554	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe..... Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.46	
23 05 29 00-0555	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe..... Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.74	
23 05 29 00-0556	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe..... Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.08	
23 05 29 00-0557	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe..... Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.39	
23 05 29 00-0558	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe..... Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.70	
23 05 29 00-0559	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe..... Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.20	
23 05 29 00-0560	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe..... Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.67	
23 05 29 00-0561		Rooftop Pipe Supports <small>(23 05 29 00-0001)</small>		
		Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0562		Rooftop Support Base <small>(23 05 29 00-0561)</small>		
23 05 29 00-0563	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM).....	31.44	7.67
23 05 29 00-0564	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP).....	43.68	10.22
23 05 29 00-0565		Rooftop Support Base With 14 Gauge Galvanized Channel <small>(23 05 29 00-0561)</small>		
23 05 29 00-0566	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5).....	35.45	7.67
23 05 29 00-0567	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10).....	50.19	10.22
23 05 29 00-0568	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20).....	91.07	12.79
23 05 29 00-0569	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30).....	125.26	15.34
23 05 29 00-0570	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40).....	172.57	17.90
23 05 29 00-0571	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48).....	182.41	20.45
23 05 29 00-0572		Rooftop Support Base With 12 Gauge Galvanized Channel <small>(23 05 29 00-0561)</small>		
23 05 29 00-0573	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610).....	60.83	10.22
23 05 29 00-0574	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620).....	95.82	12.79
23 05 29 00-0575	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630).....	127.16	15.34

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
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23 05 29 00-0576	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640).....	172.67	17.90
23 05 29 00-0577	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648).....	192.99	15.34
23 05 29 00-0578		Rooftop Bridge Support Base With 12 Gauge Galvanized Channel <small>(23 05 29 00-0561)</small>		
23 05 29 00-0579	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28).....	101.43	15.34
23 05 29 00-0580	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36).....	115.63	17.90
23 05 29 00-0581	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42).....	120.71	20.45
23 05 29 00-0582	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50).....	132.29	23.01
23 05 29 00-0583	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60).....	168.27	25.57
23 05 29 00-0584		Rooftop Pipe Support Base And Rod <small>(23 05 29 00-0561)</small>		
23 05 29 00-0585	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT).....	73.44	10.22
23 05 29 00-0586	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT).....	73.44	10.22
23 05 29 00-0587	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT).....	73.84	10.22
23 05 29 00-0588	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT).....	79.36	12.79
23 05 29 00-0589	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT).....	76.45	12.79
23 05 29 00-0590	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT).....	80.19	12.79
23 05 29 00-0591		Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly <small>(23 05 29 00-0561)</small>		
23 05 29 00-0592	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2).....	92.51	10.22
23 05 29 00-0593	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6).....	102.97	10.22
23 05 29 00-0594	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10).....	134.82	12.79
23 05 29 00-0595	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14).....	177.56	12.79
23 05 29 00-0596	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20).....	241.04	12.79
23 05 29 00-0597		Rooftop Support Base And Adjustable Height Roller Assembly <small>(23 05 29 00-0561)</small>		
		Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0598	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12).....	115.91	15.34
23 05 29 00-0599		Rooftop Support Base And Adjustable Height Channel Assembly <small>(23 05 29 00-0561)</small>		
		Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0600	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8).....	76.64	12.79
23 05 29 00-0601	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12).....	103.96	15.34
23 05 29 00-0602	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16).....	116.11	17.90
23 05 29 00-0603		Rooftop Support Bases With Channel Support And Risers Assembly <small>(23 05 29 00-0561)</small>		
		Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0604	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS).....	274.98	20.45
23 05 29 00-0605	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS).....	277.99	20.45
23 05 29 00-0606	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS).....	288.54	20.45
23 05 29 00-0607	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS).....	312.77	20.45
23 05 29 00-0608	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS).....	269.61	20.45
23 05 29 00-0609	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS).....	279.71	20.45
23 05 29 00-0610	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS).....	290.26	20.45
23 05 29 00-0611	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS).....	314.48	20.45
23 05 29 00-0612	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS).....	281.61	20.45
23 05 29 00-0613	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS).....	285.14	20.45
23 05 29 00-0614	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS).....	295.49	20.45
23 05 29 00-0615	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS).....	319.81	20.45
23 05 29 00-0616	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS).....	293.87	20.45

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 05 29 00-0617	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	297.09		20.45
23 05 29 00-0618	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	307.44		20.45
23 05 29 00-0619	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	331.76		20.45
23 05 29 00-0620 Threaded Rod, Accessories And Attachments (23 05 29)					
23 05 29 00-0621 Threaded Rod And Rod Accessories (23 05 29 00-0620)					
23 05 29 00-0622 Threaded Rod (23 05 29 00-0621)					
Note: Fully threaded.					
23 05 29 00-0623	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.18		0.64
		For Galvanized, Add	0.76		
		For Zinc Plated, Add	0.54		
		For Work In Restricted Working Space, Add	0.38		
23 05 29 00-0624	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.38		0.68
		For Galvanized, Add	1.21		
		For Zinc Plated, Add	0.86		
		For Work In Restricted Working Space, Add	0.41		
23 05 29 00-0625	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.10		0.70
		For Galvanized, Add	1.88		
		For Zinc Plated, Add	1.34		
		For Work In Restricted Working Space, Add	0.42		
23 05 29 00-0626	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.96		0.72
		For Galvanized, Add	3.40		
		For Zinc Plated, Add	2.43		
		For Work In Restricted Working Space, Add	0.44		
23 05 29 00-0627	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.87		0.75
		For Galvanized, Add	3.74		
		For Zinc Plated, Add	2.67		
		For Work In Restricted Working Space, Add	0.45		
23 05 29 00-0628	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.85		0.84
		For Galvanized, Add	5.26		
		For Zinc Plated, Add	3.74		
		For Work In Restricted Working Space, Add	0.51		
23 05 29 00-0629	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.46		0.95
		For Galvanized, Add	6.63		
		For Zinc Plated, Add	4.72		
		For Work In Restricted Working Space, Add	0.57		
23 05 29 00-0630 Rod Couplings (23 05 29 00-0621)					
23 05 29 00-0631	EA	3/8" Diameter, Threaded Rod Coupling Nut	7.79		
		For Work In Restricted Working Space, Add	1.88		
23 05 29 00-0632	EA	1/2" Diameter, Threaded Rod Coupling Nut	8.86		
		For Work In Restricted Working Space, Add	2.09		
23 05 29 00-0633	EA	5/8" Diameter, Threaded Rod Coupling Nut	11.20		
		For Work In Restricted Working Space, Add	2.36		
23 05 29 00-0634	EA	3/4" Diameter, Threaded Rod Coupling Nut	13.80		
		For Work In Restricted Working Space, Add	2.57		
23 05 29 00-0635	EA	7/8" Diameter, Threaded Rod Coupling Nut	20.69		
		For Work In Restricted Working Space, Add	2.83		
23 05 29 00-0636	EA	1" Diameter, Threaded Rod Coupling Nut	24.56		
		For Work In Restricted Working Space, Add	3.32		
23 05 29 00-0637	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	48.23		
		For Work In Restricted Working Space, Add	3.77		
23 05 29 00-0638 Flat Washers (23 05 29 00-0621)					
Note: Zinc plated.					
23 05 29 00-0639	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.55		0.20
		For Galvanized, Add	0.03		
		For Work In Restricted Working Space, Add	0.13		
23 05 29 00-0640	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.77		0.20
		For Galvanized, Add	0.07		
		For Work In Restricted Working Space, Add	0.14		
23 05 29 00-0641	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.12		0.31
		For Galvanized, Add	0.14		
		For Work In Restricted Working Space, Add	0.17		
23 05 29 00-0642	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.52		0.31
		For Galvanized, Add	0.20		
		For Work In Restricted Working Space, Add	0.22		
23 05 29 00-0643	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.79		0.41
		For Galvanized, Add	0.24		
		For Work In Restricted Working Space, Add	0.26		
23 05 29 00-0644	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.11		0.41
		For Galvanized, Add	0.29		
		For Work In Restricted Working Space, Add	0.29		
23 05 29 00-0645	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.38		0.51
		For Galvanized, Add	0.33		
		For Work In Restricted Working Space, Add	0.32		
23 05 29 00-0646 Hex Nuts (23 05 29 00-0621)					
Note: Grade 2 and zinc plated.					

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23 05 29 00-0647	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.69	0.25
		<i>For Galvanized, Add</i>	0.03	
		<i>For Work In Restricted Working Space, Add</i>	0.17	
23 05 29 00-0648	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.25
		<i>For Galvanized, Add</i>	0.06	
		<i>For Work In Restricted Working Space, Add</i>	0.19	
23 05 29 00-0649	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.22	0.25
		<i>For Galvanized, Add</i>	0.14	
		<i>For Work In Restricted Working Space, Add</i>	0.20	
23 05 29 00-0650	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.45	0.51
		<i>For Galvanized, Add</i>	0.19	
		<i>For Work In Restricted Working Space, Add</i>	0.21	
23 05 29 00-0651	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.15	0.51
		<i>For Galvanized, Add</i>	0.35	
		<i>For Work In Restricted Working Space, Add</i>	0.23	
23 05 29 00-0652	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.74	0.51
		<i>For Galvanized, Add</i>	0.47	
		<i>For Work In Restricted Working Space, Add</i>	0.26	
23 05 29 00-0653	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.53	0.51
		<i>For Galvanized, Add</i>	0.90	
		<i>For Work In Restricted Working Space, Add</i>	0.29	
23 05 29 00-0654		Turnbuckle (Cooper B-Line B3202) (23 05 29 00-0621)		
		Note: Type 13.		
23 05 29 00-0655	EA	3/8" Turnbuckle (Cooper B-Line B3202)	28.50	5.12
		<i>For Work In Restricted Working Space, Add</i>	3.07	
23 05 29 00-0656	EA	1/2" Turnbuckle (Cooper B-Line B3202)	34.09	5.62
		<i>For Work In Restricted Working Space, Add</i>	3.41	
23 05 29 00-0657	EA	5/8" Turnbuckle (Cooper B-Line B3202)	36.55	6.13
		<i>For Work In Restricted Working Space, Add</i>	3.84	
23 05 29 00-0658	EA	3/4" Turnbuckle (Cooper B-Line B3202)	46.43	7.16
		<i>For Work In Restricted Working Space, Add</i>	4.38	
23 05 29 00-0659	EA	7/8" Turnbuckle (Cooper B-Line B3202)	60.67	7.67
		<i>For Work In Restricted Working Space, Add</i>	5.12	
23 05 29 00-0660	EA	1" Turnbuckle (Cooper B-Line B3202)	75.52	8.19
		<i>For Work In Restricted Working Space, Add</i>	6.14	
23 05 29 00-0661	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	105.61	9.21
		<i>For Work In Restricted Working Space, Add</i>	7.67	
23 05 29 00-0662		Swivel Turnbuckle (Cooper B-Line B3224) (23 05 29 00-0621)		
		Note: Type 15.		
23 05 29 00-0663	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	16.95	5.12
		<i>For Work In Restricted Working Space, Add</i>	3.07	
23 05 29 00-0664	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	19.75	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.41	
23 05 29 00-0665	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	26.88	6.35
		<i>For Work In Restricted Working Space, Add</i>	3.84	
23 05 29 00-0666	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	32.72	7.26
		<i>For Work In Restricted Working Space, Add</i>	4.38	
23 05 29 00-0667		Forged Steel Clevis (Cooper B-Line B3201) (23 05 29 00-0621)		
		Note: Type 14.		
23 05 29 00-0668	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	99.51	9.41
		<i>For Work In Restricted Working Space, Add</i>	5.65	
23 05 29 00-0669	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	149.14	9.89
		<i>For Work In Restricted Working Space, Add</i>	5.95	
23 05 29 00-0670	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	161.46	10.36
		<i>For Work In Restricted Working Space, Add</i>	6.28	
23 05 29 00-0671	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	168.03	11.30
		<i>For Work In Restricted Working Space, Add</i>	6.65	
23 05 29 00-0672	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	176.32	12.71
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 05 29 00-0673	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	296.44	16.48
		<i>For Work In Restricted Working Space, Add</i>	9.89	
23 05 29 00-0674	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	321.19	18.84
		<i>For Work In Restricted Working Space, Add</i>	11.30	
23 05 29 00-0675	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	377.85	23.55
		<i>For Work In Restricted Working Space, Add</i>	14.13	
23 05 29 00-0676		Welded Eye Rod (Cooper B-Line B3211) (23 05 29 00-0621)		
23 05 29 00-0677	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	28.08	5.52
		<i>For Work In Restricted Working Space, Add</i>	3.32	
23 05 29 00-0678	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	29.02	5.62
		<i>For Work In Restricted Working Space, Add</i>	3.39	
23 05 29 00-0679	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	29.96	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.45	
23 05 29 00-0680	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	30.18	5.83
		<i>For Work In Restricted Working Space, Add</i>	3.52	
23 05 29 00-0681	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	32.07	6.03
		<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0682	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	34.22	6.44
		<i>For Work In Restricted Working Space, Add</i>	3.84	
23 05 29 00-0683	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	35.58	6.75
		<i>For Work In Restricted Working Space, Add</i>	4.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0684	EA		3/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	38.45 4.22	7.06
23 05 29 00-0685	EA		3/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	40.55 4.41	7.36
23 05 29 00-0686	EA		3/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	42.67 4.60	7.67
23 05 29 00-0687	EA		1/2" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	38.11 3.68	6.13
23 05 29 00-0688	EA		1/2" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	39.05 3.75	6.25
23 05 29 00-0689	EA		1/2" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	40.04 3.81	6.35
23 05 29 00-0690	EA		1/2" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	41.00 3.88	6.45
23 05 29 00-0691	EA		1/2" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	42.94 4.02	6.65
23 05 29 00-0692	EA		1/2" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	46.56 4.22	7.06
23 05 29 00-0693	EA		1/2" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	49.46 4.43	7.36
23 05 29 00-0694	EA		1/2" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	53.10 4.63	7.67
23 05 29 00-0695	EA		1/2" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	55.97 4.84	8.09
23 05 29 00-0696	EA		1/2" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	58.88 5.04	8.39
23 05 29 00-0697	EA		5/8" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	52.12 4.12	6.86
23 05 29 00-0698	EA		5/8" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	53.82 4.19	6.96
23 05 29 00-0699	EA		5/8" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	55.54 4.26	7.06
23 05 29 00-0700	EA		5/8" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.51 4.33	7.26
23 05 29 00-0701	EA		5/8" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	59.20 4.47	7.47
23 05 29 00-0702	EA		5/8" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	63.60 4.68	7.77
23 05 29 00-0703	EA		5/8" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	67.98 4.89	8.19
23 05 29 00-0704	EA		5/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	71.65 5.11	8.49
23 05 29 00-0705	EA		5/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	76.04 5.32	8.90
23 05 29 00-0706	EA		5/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	80.42 5.53	9.21
23 05 29 00-0707	EA		3/4" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	64.31 4.68	7.77
23 05 29 00-0708	EA		3/4" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	66.79 4.75	7.87
23 05 29 00-0709	EA		3/4" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	68.49 4.82	8.09
23 05 29 00-0710	EA		3/4" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	70.95 4.90	8.19
23 05 29 00-0711	EA		3/4" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	75.12 5.04	8.39
23 05 29 00-0712	EA		3/4" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	81.00 5.26	8.80
23 05 29 00-0713	EA		3/4" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	86.89 5.48	9.10
23 05 29 00-0714	EA		3/4" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	93.54 5.70	9.51
23 05 29 00-0715	EA		3/4" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	100.14 5.91	9.83
23 05 29 00-0716	EA		3/4" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	106.04 6.13	10.23
23 05 29 00-0717	EA		7/8" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	77.14 5.43	9.00
23 05 29 00-0718	EA		7/8" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	80.33 5.90	9.21
23 05 29 00-0719	EA		7/8" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	82.81 5.58	9.31
23 05 29 00-0720	EA		7/8" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	85.28 5.66	9.41
23 05 29 00-0721	EA		7/8" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	90.23 5.81	9.72
23 05 29 00-0722	EA		7/8" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	98.35 6.03	10.03
23 05 29 00-0723	EA		7/8" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	105.74 6.26	10.44
23 05 29 00-0724	EA		7/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	113.87 6.49	10.84
23 05 29 00-0725	EA		7/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	121.28 6.72	11.15
23 05 29 00-0726	EA		7/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	128.68 6.94	11.56
23 05 29 00-0727	EA		1" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	96.87 6.48	10.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 29 Hangers And Supports For HVAC Piping And Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0728	EA		1" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	100.12 6.56	10.94
23 05 29 00-0729	EA		1" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	103.36 6.65	11.05
23 05 29 00-0730	EA		1" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	106.60 6.74	11.25
23 05 29 00-0731	EA		1" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	113.04 6.91	11.56
23 05 29 00-0732	EA		1" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	122.76 7.16	11.97
23 05 29 00-0733	EA		1" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	132.50 7.42	12.38
23 05 29 00-0734	EA		1" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	142.90 7.67	12.79
23 05 29 00-0735	EA		1" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	152.61 7.93	13.19
23 05 29 00-0736	EA		1" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	162.34 8.18	13.61
23 05 29 00-0737 Welded Linked Eye Rod (Cooper B-Line B3211X) (23 05 29 00-0621)					
23 05 29 00-0738	EA		3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	60.71 4.50	7.47
23 05 29 00-0739	EA		3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	62.35 4.63	7.67
23 05 29 00-0740	EA		3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	63.99 4.76	7.97
23 05 29 00-0741	EA		3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	64.64 4.95	8.28
23 05 29 00-0742	EA		3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	67.71 5.14	8.59
23 05 29 00-0743	EA		3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	71.50 5.52	9.21
23 05 29 00-0744	EA		3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	73.98 5.91	9.82
23 05 29 00-0745	EA		3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	78.96 6.29	10.54
23 05 29 00-0746	EA		1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	79.16 4.97	8.29
23 05 29 00-0747	EA		1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	80.84 5.11	8.49
23 05 29 00-0748	EA		1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	82.56 5.24	8.70
23 05 29 00-0749	EA		1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	84.47 5.45	9.10
23 05 29 00-0750	EA		1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	87.59 5.66	9.41
23 05 29 00-0751	EA		1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	93.86 6.06	10.13
23 05 29 00-0752	EA		1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	98.93 6.47	10.74
23 05 29 00-0753	EA		1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	105.22 6.88	11.45
23 05 29 00-0754	EA		5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	106.88 5.55	9.21
23 05 29 00-0755	EA		5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	109.78 5.69	9.51
23 05 29 00-0756	EA		5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	112.74 5.84	9.72
23 05 29 00-0757	EA		5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	114.67 6.05	10.13
23 05 29 00-0758	EA		5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	119.07 6.26	10.44
23 05 29 00-0759	EA		5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	126.65 6.68	11.15
23 05 29 00-0760	EA		5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	134.18 7.10	11.87
23 05 29 00-0761	EA		5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	140.51 7.53	12.58
23 05 29 00-0762	EA		3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	135.74 6.29	10.44
23 05 29 00-0763	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	139.96 6.43	10.74
23 05 29 00-0764	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	142.88 6.58	10.94
23 05 29 00-0765	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	147.30 6.80	11.35
23 05 29 00-0766	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	154.17 7.01	11.67
23 05 29 00-0767	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	164.21 7.45	12.38
23 05 29 00-0768	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	174.28 7.88	13.09
23 05 29 00-0769	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	185.60 8.32	13.91
23 05 29 00-0770	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	163.29 7.27	12.07
23 05 29 00-0771	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	168.73 7.42	12.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0772	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	172.93 7.57	12.58
23 05 29 00-0773	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	177.36 7.00	12.99
23 05 29 00-0774	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	185.53 8.03	13.41
23 05 29 00-0775	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	199.33 8.48	14.12
23 05 29 00-0776	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	211.90 8.93	14.93
23 05 29 00-0777	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	225.71 9.39	15.65
23 05 29 00-0778	EA		1" Diameter x 16" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	208.50 8.66	14.42
23 05 29 00-0779	EA		1" Diameter x 20" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	214.00 8.84	14.73
23 05 29 00-0780	EA		1" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	219.49 9.00	15.04
23 05 29 00-0781	EA		1" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	225.27 9.26	15.45
23 05 29 00-0782	EA		1" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	235.91 9.51	15.86
23 05 29 00-0783	EA		1" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	252.40 10.03	16.67
23 05 29 00-0784	EA		1" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	268.90 10.54	17.60
23 05 29 00-0785	EA		1" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	286.52 11.05	18.41
23 05 29 00-0786			Attachments <small>(23 05 29 00-0620)</small>		
23 05 29 00-0787			Welded Beam Attachments (B-Line B-3083) <small>(23 05 29 00-0786)</small> Note: Type 22.		
23 05 29 00-0788	EA		3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	33.22 5.73	9.54
23 05 29 00-0789	EA		1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	35.33 6.03	10.02
23 05 29 00-0790	EA		5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	37.55 6.36	10.59
23 05 29 00-0791	EA		3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	46.13 6.74	11.26
23 05 29 00-0792	EA		7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	54.15 7.16	11.93
23 05 29 00-0793	EA		1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	73.51 8.18	13.65
23 05 29 00-0794	EA		1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	100.23 8.59	14.32
23 05 29 00-0795			C-Clamp Style Beam Clamps (B-Line B-3034) <small>(23 05 29 00-0786)</small> Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0796	EA		3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	14.52 3.84	5.22
23 05 29 00-0797	EA		1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	16.63 4.09	6.65
23 05 29 00-0798	EA		5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	18.50 4.38	7.16
23 05 29 00-0799	EA		3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	22.49 4.72	7.67
23 05 29 00-0800	EA		7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	30.16 5.12	8.19
23 05 29 00-0801			Bottom Mount I-Beam Clamps (B-Line B-3055) <small>(23 05 29 00-0786)</small> Note: Type 21. For attaching threaded rod centered under beam flanges.		
23 05 29 00-0802	EA		3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	32.22 5.11	7.16
23 05 29 00-0803	EA		1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	44.62 5.58	9.21
23 05 29 00-0804	EA		5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	61.12 6.14	10.23
23 05 29 00-0805	EA		3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	72.42 6.82	11.25
23 05 29 00-0806	EA		1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	162.75 7.67	12.28
23 05 29 00-0807			Steel U-Bolts (B-Line B-3188) <small>(23 05 29 00-0786)</small> Note: Type 24. Includes plate and nuts.		
23 05 29 00-0808	EA		1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	11.74 3.07	2.55
23 05 29 00-0809	EA		3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	12.61 3.23	3.07
23 05 29 00-0810	EA		1" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	13.47 3.41	3.07
23 05 29 00-0811	EA		1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	14.93 3.61	3.07

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0812	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.58	3.58
		<i>For Work In Restricted Working Space, Add</i>	3.84	
23 05 29 00-0813	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	16.65	3.58
		<i>For Work In Restricted Working Space, Add</i>	4.09	
23 05 29 00-0814	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	21.84	3.58
		<i>For Work In Restricted Working Space, Add</i>	4.38	
23 05 29 00-0815	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	23.91	4.09
		<i>For Work In Restricted Working Space, Add</i>	4.72	
23 05 29 00-0816	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	28.05	4.60
		<i>For Work In Restricted Working Space, Add</i>	5.11	
23 05 29 00-0817		Copper Standoff Brackets With Flange (23 05 29 00-0786)		
		Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0818	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	31.32	14.63
		<i>For Work In Restricted Working Space, Add</i>	8.77	
23 05 29 00-0819	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	31.45	14.63
		<i>For Work In Restricted Working Space, Add</i>	8.77	
23 05 29 00-0820	EA	Clamp Size 1", Copper Standoff Brackets With Flange	31.58	14.63
		<i>For Work In Restricted Working Space, Add</i>	8.77	
23 05 29 00-0821	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	33.61	15.55
		<i>For Work In Restricted Working Space, Add</i>	9.30	
23 05 29 00-0822	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	33.87	15.55
		<i>For Work In Restricted Working Space, Add</i>	9.30	
23 05 29 00-0823		Malleable Iron Eye Sockets (B-Line B-3222) (23 05 29 00-0786)		
		Note: Type 16.		
23 05 29 00-0824	EA	3/8" Rod Size, Malleable Iron Eye Socket	6.92	1.54
		<i>For Work In Restricted Working Space, Add</i>	0.93	
23 05 29 00-0825	EA	1/2" Rod Size, Malleable Iron Eye Socket	8.89	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.23	
23 05 29 00-0826	EA	5/8" Rod Size, Malleable Iron Eye Socket	13.99	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.24	
23 05 29 00-0827	EA	3/4" Rod Size, Malleable Iron Eye Socket	18.95	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.23	
23 05 29 00-0828	EA	7/8" Rod Size, Malleable Iron Eye Socket	20.77	2.55
		<i>For Work In Restricted Working Space, Add</i>	1.54	
23 05 29 00-0829		Steel Weldless Eye Nuts (B-Line B-3200) (23 05 29 00-0786)		
		Note: Type 17.		
23 05 29 00-0830	EA	3/8" Rod Size, Steel Weldless Eye Nut	19.44	1.54
		<i>For Work In Restricted Working Space, Add</i>	0.93	
23 05 29 00-0831	EA	1/2" Rod Size, Steel Weldless Eye Nut	20.43	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.23	
23 05 29 00-0832	EA	5/8" Rod Size, Steel Weldless Eye Nut	20.47	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.24	
23 05 29 00-0833	EA	3/4" Rod Size, Steel Weldless Eye Nut	20.43	2.04
		<i>For Work In Restricted Working Space, Add</i>	1.23	
23 05 29 00-0834	EA	7/8" Rod Size, Steel Weldless Eye Nut	38.33	2.25
		<i>For Work In Restricted Working Space, Add</i>	1.38	
23 05 29 00-0835	EA	1" Rod Size, Steel Weldless Eye Nut	38.84	2.55
		<i>For Work In Restricted Working Space, Add</i>	1.54	
23 05 29 00-0836		Top Mount I-Beam Clamps (B-Line B-3042) (23 05 29 00-0786)		
		Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0837	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	16.48	4.77
		<i>For Work In Restricted Working Space, Add</i>	2.86	
23 05 29 00-0838	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	19.41	5.25
		<i>For Work In Restricted Working Space, Add</i>	3.16	
23 05 29 00-0839	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	22.99	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.47	
23 05 29 00-0840	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	29.93	6.21
		<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0841	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	44.01	7.16
		<i>For Work In Restricted Working Space, Add</i>	4.29	
23 05 29 00-0842	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	17.12	4.77
		<i>For Work In Restricted Working Space, Add</i>	2.86	
23 05 29 00-0843	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	20.32	5.25
		<i>For Work In Restricted Working Space, Add</i>	3.16	
23 05 29 00-0844	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	22.99	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.47	
23 05 29 00-0845	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	32.33	6.21
		<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0846	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	48.10	7.16
		<i>For Work In Restricted Working Space, Add</i>	4.29	
23 05 29 00-0847	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	18.62	4.77
		<i>For Work In Restricted Working Space, Add</i>	2.86	
23 05 29 00-0848	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	22.00	5.25
		<i>For Work In Restricted Working Space, Add</i>	3.16	
23 05 29 00-0849	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	26.94	5.73
		<i>For Work In Restricted Working Space, Add</i>	3.47	
23 05 29 00-0850	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	36.80	6.21
		<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0851	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	56.86	7.16
		<i>For Work In Restricted Working Space, Add</i>	4.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0852			Side Beam Brackets (B-Line B-3062) (23 05 29 00-0786) Note: Type 34.		
23 05 29 00-0853	EA		3/8" Rod Size, Side Beam Bracket 15.58		6.65
			For Work In Restricted Working Space, Add 3.84		
23 05 29 00-0854	EA		1/2" Rod Size, Side Beam Bracket 17.79		6.65
			For Work In Restricted Working Space, Add 4.09		
23 05 29 00-0855	EA		5/8" Rod Size, Side Beam Bracket 21.68		7.16
			For Work In Restricted Working Space, Add 4.38		
23 05 29 00-0856	EA		3/4" Rod Size, Side Beam Bracket 34.03		7.67
			For Work In Restricted Working Space, Add 4.72		
23 05 29 00-0857	EA		7/8" Rod Size, Side Beam Bracket 39.23		8.70
			For Work In Restricted Working Space, Add 5.12		
23 05 29 00-0858			Hex Lag Bolts (23 05 29 00-0786) Note: Also known as coach screws.		
23 05 29 00-0859	EA		3/8" x 3-1/2" Long, Hex Lag Bolt 2.77		
			For Work In Restricted Working Space, Add 0.64		
23 05 29 00-0860	EA		3/8" x 4" Long, Hex Lag Bolt 2.90		
			For Work In Restricted Working Space, Add 0.66		
23 05 29 00-0861	EA		3/8" x 6" Long, Hex Lag Bolt 3.29		
			For Work In Restricted Working Space, Add 0.68		
23 05 29 00-0862	EA		3/8" x 8" Long, Hex Lag Bolt 4.02		
			For Work In Restricted Working Space, Add 0.71		
23 05 29 00-0863	EA		3/8" x 10" Long, Hex Lag Bolt 4.30		
			For Work In Restricted Working Space, Add 0.74		
23 05 29 00-0864	EA		3/8" x 12" Long, Hex Lag Bolt 5.13		
			For Work In Restricted Working Space, Add 0.77		
23 05 29 00-0865	EA		1/2" x 3-1/2" Long, Hex Lag Bolt 3.79		
			For Work In Restricted Working Space, Add 0.77		
23 05 29 00-0866	EA		1/2" x 4" Long, Hex Lag Bolt 4.02		
			For Work In Restricted Working Space, Add 0.80		
23 05 29 00-0867	EA		1/2" x 6" Long, Hex Lag Bolt 4.71		
			For Work In Restricted Working Space, Add 0.83		
23 05 29 00-0868	EA		1/2" x 8" Long, Hex Lag Bolt 5.52		
			For Work In Restricted Working Space, Add 0.87		
23 05 29 00-0869	EA		1/2" x 10" Long, Hex Lag Bolt 6.56		
			For Work In Restricted Working Space, Add 0.92		
23 05 29 00-0870	EA		1/2" x 12" Long, Hex Lag Bolt 7.04		
			For Work In Restricted Working Space, Add 0.96		
23 05 29 00-0871	EA		5/8" x 4" Long, Hex Lag Bolt 5.25		
			For Work In Restricted Working Space, Add 0.86		
23 05 29 00-0872	EA		3/4" x 5" Long, Hex Lag Bolt 6.15		
			For Work In Restricted Working Space, Add 0.87		
23 05 29 00-0873			Stainless Steel Threaded Rod And Rod Accessories (23 05 29 00-0620)		
23 05 29 00-0874			304 Stainless Steel Threaded Rod (23 05 29 00-0873)		
23 05 29 00-0875	LF		1/4" Diameter, 304 Stainless Steel Threaded Rod 2.76		0.51
			For Work In Restricted Working Space, Add 0.31		
23 05 29 00-0876	LF		5/16" Diameter, 304 Stainless Steel Threaded Rod 4.07		0.51
			For Work In Restricted Working Space, Add 0.34		
23 05 29 00-0877	LF		3/8" Diameter, 304 Stainless Steel Threaded Rod 5.11		0.61
			For Work In Restricted Working Space, Add 0.35		
23 05 29 00-0878	LF		7/16" Diameter, 304 Stainless Steel Threaded Rod 7.08		0.61
			For Work In Restricted Working Space, Add 0.37		
23 05 29 00-0879	LF		1/2" Diameter, 304 Stainless Steel Threaded Rod 8.50		0.61
			For Work In Restricted Working Space, Add 0.38		
23 05 29 00-0880	LF		5/8" Diameter, 304 Stainless Steel Threaded Rod 12.72		0.71
			For Work In Restricted Working Space, Add 0.41		
23 05 29 00-0881	LF		3/4" Diameter, 304 Stainless Steel Threaded Rod 17.79		0.71
			For Work In Restricted Working Space, Add 0.43		
23 05 29 00-0882	LF		7/8" Diameter, 304 Stainless Steel Threaded Rod 24.44		0.71
			For Work In Restricted Working Space, Add 0.45		
23 05 29 00-0883	LF		1" Diameter, 304 Stainless Steel Threaded Rod 31.32		0.81
			For Work In Restricted Working Space, Add 0.51		
23 05 29 00-0884	LF		1-1/4" Diameter, 304 Stainless Steel Threaded Rod 66.05		1.03
			For Work In Restricted Working Space, Add 0.64		
23 05 29 00-0885			304 Stainless Steel Flat Washers (23 05 29 00-0873)		
23 05 29 00-0886	EA		3/8", 304 Stainless Steel Flat Washer 0.62		0.20
			For Work In Restricted Working Space, Add 0.13		
23 05 29 00-0887	EA		1/2", 304 Stainless Steel Flat Washer 1.16		0.20
			For Work In Restricted Working Space, Add 0.14		
23 05 29 00-0888			304 Stainless Steel Hex Nuts (23 05 29 00-0873)		
23 05 29 00-0889	EA		3/8-16, 304 Stainless Steel Hex Nut 2.24		1.03
			For Work In Restricted Working Space, Add 0.59		
23 05 29 00-0890	EA		1/2-13, 304 Stainless Steel Hex Nut 2.83		1.03
			For Work In Restricted Working Space, Add 0.64		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0891		316 Stainless Steel U-Bolts <small>(23 05 29 00-0873)</small>	
Note: Type 24. Includes nuts.			
23 05 29 00-0892	EA	1/2" Pipe Size, 316 Stainless Steel U-Bolt.....	20.61
		<i>For Work In Restricted Working Space, Add</i>	3.07
23 05 29 00-0893	EA	3/4" Pipe Size, 316 Stainless Steel U-Bolt.....	21.34
		<i>For Work In Restricted Working Space, Add</i>	3.23
23 05 29 00-0894	EA	1" Pipe Size, 316 Stainless Steel U-Bolt.....	22.24
		<i>For Work In Restricted Working Space, Add</i>	3.41
23 05 29 00-0895	EA	1-1/4" Pipe Size, 316 Stainless Steel U-Bolt.....	23.24
		<i>For Work In Restricted Working Space, Add</i>	3.61
23 05 29 00-0896	EA	1-1/2" Pipe Size, 316 Stainless Steel U-Bolt.....	24.34
		<i>For Work In Restricted Working Space, Add</i>	3.84
23 05 29 00-0897	EA	2" Pipe Size, 316 Stainless Steel U-Bolt.....	29.64
		<i>For Work In Restricted Working Space, Add</i>	4.09
23 05 29 00-0898	EA	2-1/2" Pipe Size, 316 Stainless Steel U-Bolt.....	31.73
		<i>For Work In Restricted Working Space, Add</i>	4.38
23 05 29 00-0899	EA	3" Pipe Size, 316 Stainless Steel U-Bolt.....	34.05
		<i>For Work In Restricted Working Space, Add</i>	4.72
23 05 29 00-0900	EA	3-1/2" Pipe Size, 316 Stainless Steel U-Bolt.....	35.72
		<i>For Work In Restricted Working Space, Add</i>	4.91
23 05 29 00-0901	EA	4" Pipe Size, 316 Stainless Steel U-Bolt.....	37.65
		<i>For Work In Restricted Working Space, Add</i>	5.11
23 05 29 00-0902	EA	5" Pipe Size, 316 Stainless Steel U-Bolt.....	62.92
		<i>For Work In Restricted Working Space, Add</i>	5.25
23 05 29 00-0903	EA	6" Pipe Size, 316 Stainless Steel U-Bolt.....	102.12
		<i>For Work In Restricted Working Space, Add</i>	5.36
23 05 29 00-0904	EA	8" Pipe Size, 316 Stainless Steel U-Bolt.....	150.75
		<i>For Work In Restricted Working Space, Add</i>	5.48
23 05 29 00-0905	EA	10" Pipe Size, 316 Stainless Steel U-Bolt.....	213.40
		<i>For Work In Restricted Working Space, Add</i>	5.64
23 05 29 00-0906	EA	12" Pipe Size, 316 Stainless Steel U-Bolt.....	328.00
		<i>For Work In Restricted Working Space, Add</i>	5.81
23 05 29 00-0907		Hanger Strap <small>(23 05 29 00-0620)</small>	
23 05 29 00-0908	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap.....	4.87
23 05 29 00-0909		Shields And Saddles <small>(23 05 29)</small>	
23 05 29 00-0910		Insulation Protection Shield <small>(23 05 29 00-0909)</small>	
Note: Type 40.			
23 05 29 00-0911		Insulation Protection Shield (Cooper B-Line B3151) <small>(23 05 29 00-0910)</small>	
23 05 29 00-0912	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	15.78
		<i>For Work In Restricted Working Space, Add</i>	2.46
23 05 29 00-0913	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	16.02
		<i>For Work In Restricted Working Space, Add</i>	2.49
23 05 29 00-0914	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	16.43
		<i>For Work In Restricted Working Space, Add</i>	2.52
23 05 29 00-0915	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	17.26
		<i>For Work In Restricted Working Space, Add</i>	2.55
23 05 29 00-0916	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	19.26
		<i>For Work In Restricted Working Space, Add</i>	2.61
23 05 29 00-0917	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	23.88
		<i>For Work In Restricted Working Space, Add</i>	2.67
23 05 29 00-0918	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151).....	28.06
		<i>For Work In Restricted Working Space, Add</i>	2.73
23 05 29 00-0919	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151).....	34.71
		<i>For Work In Restricted Working Space, Add</i>	2.79
23 05 29 00-0920	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	45.13
		<i>For Work In Restricted Working Space, Add</i>	2.82
23 05 29 00-0921	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	49.32
		<i>For Work In Restricted Working Space, Add</i>	2.85
23 05 29 00-0922	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	68.67
		<i>For Work In Restricted Working Space, Add</i>	2.88
23 05 29 00-0923	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	77.40
		<i>For Work In Restricted Working Space, Add</i>	2.92
23 05 29 00-0924	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	145.44
		<i>For Work In Restricted Working Space, Add</i>	2.95
23 05 29 00-0925	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	158.24
		<i>For Work In Restricted Working Space, Add</i>	3.01
23 05 29 00-0926	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	191.67
		<i>For Work In Restricted Working Space, Add</i>	3.07
23 05 29 00-0927		Insulation Protection Shield (Cooper B-Line B3154) <small>(23 05 29 00-0910)</small>	
23 05 29 00-0928	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	13.70
		<i>For Work In Restricted Working Space, Add</i>	2.46
23 05 29 00-0929	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	13.89
		<i>For Work In Restricted Working Space, Add</i>	2.49
23 05 29 00-0930	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	14.22
		<i>For Work In Restricted Working Space, Add</i>	2.52
23 05 29 00-0931	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	14.85
		<i>For Work In Restricted Working Space, Add</i>	2.55
23 05 29 00-0932	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	16.36
		<i>For Work In Restricted Working Space, Add</i>	2.61

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0933	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	19.76 2.67	2.68
23 05 29 00-0934	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	21.34 2.73	2.74
23 05 29 00-0935	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	27.73 2.79	2.80
23 05 29 00-0936	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	33.67 2.82	2.83
23 05 29 00-0937		Pipe Covering Protection Saddle (23 05 29 00-0909) Note: Sizes are pipe sizes.		
23 05 29 00-0938		Saddle, For 1" Insulation (Cooper B-Line B3160) (23 05 29 00-0937)		
23 05 29 00-0939	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	24.52 3.38	3.37
23 05 29 00-0940	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	24.62 3.41	3.40
23 05 29 00-0941	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	24.72 3.44	3.44
23 05 29 00-0942	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	26.02 3.49	3.50
23 05 29 00-0943	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	26.12 3.52	3.53
23 05 29 00-0944	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	27.03 3.58	3.58
23 05 29 00-0945	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	30.36 3.64	3.64
23 05 29 00-0946	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	34.41 3.69	3.69
23 05 29 00-0947	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	38.98 3.81	3.81
23 05 29 00-0948	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	48.04 3.95	3.96
23 05 29 00-0949	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	54.04 4.01	4.01
23 05 29 00-0950	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	64.63 4.10	4.01
23 05 29 00-0951	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) <i>For Work In Restricted Working Space, Add</i>	70.84 4.15	4.15
23 05 29 00-0952		Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) (23 05 29 00-0937)		
23 05 29 00-0953	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	28.05 3.38	3.37
23 05 29 00-0954	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	28.15 3.41	3.40
23 05 29 00-0955	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	28.25 3.44	3.44
23 05 29 00-0956	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	29.32 3.49	3.50
23 05 29 00-0957	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	31.87 3.52	3.53
23 05 29 00-0958	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	34.51 3.58	3.58
23 05 29 00-0959	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	35.10 3.64	3.64
23 05 29 00-0960	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	40.24 3.69	3.64
23 05 29 00-0961	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	45.58 3.81	3.81
23 05 29 00-0962	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	54.51 3.95	3.96
23 05 29 00-0963	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	61.69 4.01	4.01
23 05 29 00-0964	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	74.07 4.10	4.10
23 05 29 00-0965	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) <i>For Work In Restricted Working Space, Add</i>	81.43 4.15	4.15
23 05 29 00-0966		Saddle, For 2" Insulation (Cooper B-Line B3162) (23 05 29 00-0937)		
23 05 29 00-0967	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)..... <i>For Work In Restricted Working Space, Add</i>	30.09 3.55	3.55
23 05 29 00-0968	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	30.18 3.58	3.58
23 05 29 00-0969	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	31.93 3.61	3.61
23 05 29 00-0970	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	32.95 3.67	3.67
23 05 29 00-0971	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	33.86 3.69	3.69
23 05 29 00-0972	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	34.06 3.75	3.76
23 05 29 00-0973	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	36.14 3.81	3.82
23 05 29 00-0974	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) <i>For Work In Restricted Working Space, Add</i>	38.24 3.87	3.87

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 29 Hangers And Supports For HVAC Piping And Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 3 columns: Item ID, Description, and Unit Costs. Items include 23 05 29 00-0975 through 23 05 29 00-0983, describing pipe saddles for various insulation thicknesses (6", 8", 10", 12", 14", 16", 18", 20", 24") and working space add-ons.

23 05 29 00-0984 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) (23 05 29 00-0937)

Table with 3 columns: Item ID, Description, and Unit Costs. Items include 23 05 29 00-0985 through 23 05 29 00-0999, describing pipe saddles for 2-1/2" insulation with various diameters (1-1/4" to 24") and working space add-ons.

23 05 29 00-1000 Saddle, For 3" Insulation (Cooper B-Line B3164) (23 05 29 00-0937)

Table with 3 columns: Item ID, Description, and Unit Costs. Items include 23 05 29 00-1001 through 23 05 29 00-1013, describing pipe saddles for 3" insulation with various diameters (2" to 24") and working space add-ons.

23 05 29 00-1014 Saddle, For 4" Insulation (Cooper B-Line B3165) (23 05 29 00-0937)

Table with 3 columns: Item ID, Description, and Unit Costs. Items include 23 05 29 00-1015 and 23 05 29 00-1016, describing pipe saddles for 4" insulation with diameters of 2" and 2-1/2" and working space add-ons.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1017	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	50.54 4.10	4.10
23 05 29 00-1018	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	52.94 4.15	4.15
23 05 29 00-1019	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	65.54 4.30	4.28
23 05 29 00-1020	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	78.13 4.44	4.44
23 05 29 00-1021	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	80.85 4.52	4.52
23 05 29 00-1022	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	104.78 4.61	4.61
23 05 29 00-1023	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	128.33 4.67	4.67
23 05 29 00-1024	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	152.06 4.78	4.79
23 05 29 00-1025	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	187.14 4.90	4.90
23 05 29 00-1026	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	222.01 5.04	5.03
23 05 29 00-1027	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	237.79 5.15	5.16
23 05 29 00-1028	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	250.41 5.30	5.29
23 05 29 00-1029	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	259.74 5.41	5.42
23 05 29 00-1030		Adjustable Pipe Saddle Support (Cooper B-Line B3096) <small>(23 05 29 00-0909)</small>		
23 05 29 00-1031	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	100.10	12.79
23 05 29 00-1032	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	105.50	14.83
23 05 29 00-1033	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	128.61	16.88
23 05 29 00-1034	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	133.75	18.41
23 05 29 00-1035	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	148.39	20.46
23 05 29 00-1036	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	167.42	25.58
23 05 29 00-1037	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	218.59	34.27
23 05 29 00-1038	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	265.14	51.15
23 05 29 00-1039		Pipe Stanchion Support (Cooper B-Line B3090) <small>(23 05 29 00-0909)</small>		
23 05 29 00-1040	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	125.57	12.79
23 05 29 00-1041	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	129.22	14.83
23 05 29 00-1042	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	138.35	15.86
23 05 29 00-1043	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	140.74	16.88
23 05 29 00-1044	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	147.70	18.41
23 05 29 00-1045	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	156.07	20.46
23 05 29 00-1046	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	198.41	25.58
23 05 29 00-1047	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	267.90	34.27
23 05 29 00-1048	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	346.77	51.15
23 05 29 00-1049		Pipe Saddle Support (Cooper B-Line B3095) <small>(23 05 29 00-0909)</small>		
23 05 29 00-1050	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095).....	61.02	12.79
23 05 29 00-1051	EA	3" Pipe Saddle Support (Cooper B-Line B3095).....	64.67	14.83
23 05 29 00-1052	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095).....	100.92	15.86
23 05 29 00-1053	EA	4" Pipe Saddle Support (Cooper B-Line B3095).....	103.31	16.88
23 05 29 00-1054	EA	5" Pipe Saddle Support (Cooper B-Line B3095).....	113.76	18.41
23 05 29 00-1055	EA	6" Pipe Saddle Support (Cooper B-Line B3095).....	126.08	20.46
23 05 29 00-1056	EA	8" Pipe Saddle Support (Cooper B-Line B3095).....	143.45	25.58
23 05 29 00-1057	EA	10" Pipe Saddle Support (Cooper B-Line B3095).....	165.00	34.27
23 05 29 00-1058	EA	12" Pipe Saddle Support (Cooper B-Line B3095).....	203.95	51.15
23 05 29 00-1059		360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0909)</small>		
		Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-1060		1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>		
23 05 29 00-1061	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.66	6.53
23 05 29 00-1062	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.92	6.53
23 05 29 00-1063	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.99	6.53
23 05 29 00-1064	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.25	6.53
23 05 29 00-1065	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.31	6.93
23 05 29 00-1066	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.03	7.13
23 05 29 00-1067	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.86	7.43
23 05 29 00-1068	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.77	7.72
23 05 29 00-1069	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.37	8.02
23 05 29 00-1070	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.46	6.93
23 05 29 00-1071	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.89	9.03
23 05 29 00-1072	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.88	10.64
23 05 29 00-1073	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.35	12.35
23 05 29 00-1074	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.81	12.74

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-1075		1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1076	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	12.53 4.92
23 05 29 00-1077	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.81 4.92
23 05 29 00-1078	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.11 5.02
23 05 29 00-1079	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.58 5.12
23 05 29 00-1080	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.03 5.12
23 05 29 00-1081	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.80 5.32
23 05 29 00-1082	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.70 5.52
23 05 29 00-1083	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.16 5.62
23 05 29 00-1084	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.89 6.12
23 05 29 00-1085	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.27 10.54
23 05 29 00-1086	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.44 7.92
23 05 29 00-1087	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.77 9.33
23 05 29 00-1088	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.97 10.74
23 05 29 00-1089	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	41.31 12.94
23 05 29 00-1090		2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1091	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.30 5.62
23 05 29 00-1092	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.51 5.62
23 05 29 00-1093	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.10 5.72
23 05 29 00-1094	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.61 5.82
23 05 29 00-1095	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.14 5.92
23 05 29 00-1096	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.88 6.12
23 05 29 00-1097	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.94 6.32
23 05 29 00-1098	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.92 6.53
23 05 29 00-1099	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.11 6.93
23 05 29 00-1100	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.57 7.82
23 05 29 00-1101	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.96 13.34
23 05 29 00-1102	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	47.08 15.45
23 05 29 00-1103	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	54.36 18.26
23 05 29 00-1104	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	60.95 20.47
23 05 29 00-1105	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	68.11 23.08
23 05 29 00-1106	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	78.11 27.10
23 05 29 00-1107	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	86.72 30.10
23 05 29 00-1108	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	97.99 34.12
23 05 29 00-1109		2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1110	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.83 6.53
23 05 29 00-1111	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.06 6.53
23 05 29 00-1112	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.78 6.63
23 05 29 00-1113	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.30 6.73
23 05 29 00-1114	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.84 6.73
23 05 29 00-1115	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.74 7.03
23 05 29 00-1116	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.94 7.23
23 05 29 00-1117	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.06 7.52
23 05 29 00-1118	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.52 7.92
23 05 29 00-1119	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.51 9.03
23 05 29 00-1120	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	41.09 10.03
23 05 29 00-1121	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	48.88 11.54
23 05 29 00-1122	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	56.16 14.35
23 05 29 00-1123	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.22 15.76
23 05 29 00-1124	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	75.20 20.07
23 05 29 00-1125	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	80.61 21.08
23 05 29 00-1126	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	91.58 24.08
23 05 29 00-1127	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	108.10 29.10
23 05 29 00-1128		3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-1059)</small>	
23 05 29 00-1129	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.73 6.73
23 05 29 00-1130	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.78 7.03
23 05 29 00-1131	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	40.15 7.03
23 05 29 00-1132	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	41.07 7.23
23 05 29 00-1133	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.14 7.43
23 05 29 00-1134	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.35 7.52
23 05 29 00-1135	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	45.57 7.72
23 05 29 00-1136	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	47.53 8.22
23 05 29 00-1137	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	52.20 8.53
23 05 29 00-1138	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.67 10.44
23 05 29 00-1139	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	76.07 11.44
23 05 29 00-1140	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.28 12.05
23 05 29 00-1141	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	104.18 15.55
23 05 29 00-1142	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	117.03 16.56
23 05 29 00-1143	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	141.21 22.08
23 05 29 00-1144	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	151.97 24.08
23 05 29 00-1145	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	171.99 26.09
23 05 29 00-1146	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	202.16 32.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 29 00-1147 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-1059)

23 05 29 00-1148	EA 1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.83	6.53
23 05 29 00-1149	EA 3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.95	7.92
23 05 29 00-1150	EA 1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.97	7.92
23 05 29 00-1151	EA 1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.55	8.02
23 05 29 00-1152	EA 1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	26.29	8.12
23 05 29 00-1153	EA 2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.24	8.43
23 05 29 00-1154	EA 2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.70	8.73
23 05 29 00-1155	EA 3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.97	9.03
23 05 29 00-1156	EA 4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.04	9.53
23 05 29 00-1157	EA 6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.80	10.84
23 05 29 00-1158	EA 8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.27	12.05
23 05 29 00-1159	EA 10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	58.64	13.85
23 05 29 00-1160	EA 12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	67.38	17.26
23 05 29 00-1161	EA 14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	75.89	18.86
23 05 29 00-1162	EA 16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.25	24.08
23 05 29 00-1163	EA 18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	96.75	25.29
23 05 29 00-1164	EA 20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	109.95	28.90
23 05 29 00-1165	EA 24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	129.73	34.92

23 05 29 00-1166 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-1059)

23 05 29 00-1167	EA 1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	26.72	8.83
23 05 29 00-1168	EA 3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.04	8.83
23 05 29 00-1169	EA 1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.03	8.93
23 05 29 00-1170	EA 1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.81	9.03
23 05 29 00-1171	EA 1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.39	9.03
23 05 29 00-1172	EA 2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.03	9.63
23 05 29 00-1173	EA 2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.27	9.73
23 05 29 00-1174	EA 3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.83	10.14
23 05 29 00-1175	EA 4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.16	10.74
23 05 29 00-1176	EA 6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.51	12.15
23 05 29 00-1177	EA 8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	54.68	13.14
23 05 29 00-1178	EA 10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.99	15.66
23 05 29 00-1179	EA 12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	75.82	19.47
23 05 29 00-1180	EA 14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	85.39	21.18
23 05 29 00-1181	EA 16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	101.59	27.10
23 05 29 00-1182	EA 18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	108.78	28.40
23 05 29 00-1183	EA 20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	122.33	32.52
23 05 29 00-1184	EA 24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	145.96	39.34
23 05 29 00-1185	EA 26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	166.71	46.26
23 05 29 00-1186	EA 28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	190.01	54.59
23 05 29 00-1187	EA 30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	215.40	64.52
23 05 29 00-1188	EA 42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	309.29	99.64
23 05 29 00-1189	EA 44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	333.49	109.68
23 05 29 00-1190	EA 46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	355.56	118.41

23 05 29 00-1191 Equipment Housekeeping Pads (23 05 29)

See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.

23 05 29 00-1192 Molded Plastic Condenser Pad (23 05 29 00-1191)

23 05 29 00-1193	EA 30" Round Molded Plastic Pad.....	70.10	12.79
23 05 29 00-1194	EA 30" Octagon Molded Plastic Pad.....	73.03	12.79
23 05 29 00-1195	EA 30" x 30" Molded Plastic Pad.....	70.10	12.79
23 05 29 00-1196	EA 36" x 36" Molded Plastic Pad.....	87.65	12.79
23 05 29 00-1197	EA 36" x 48" Molded Plastic Pad.....	120.48	12.79

23 05 29 00-1198 Inertia Base (23 05 29 00-1191)

Note: Includes spring isolators.

23 05 29 00-1199	EA Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	1,106.05	
23 05 29 00-1200	EA >12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	1,333.91	
23 05 29 00-1201	EA >16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	1,527.71	
23 05 29 00-1202	EA >20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	1,744.22	

23 05 29 00-1203 Hanger Assemblies (23 05 29)

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

23 05 29 00-1204	EA 1/2" Standard Duty Clevis Pipe Hanger Assembly.....	44.24	15.90
Note: Includes hanger, rod, nuts, washers and clamp.			
For Work In Restricted Working Space, Add			
		10.24	
23 05 29 00-1205	EA 3/4" Standard Duty Clevis Pipe Hanger Assembly.....	46.13	16.85
Note: Includes hanger, rod, nuts, washers and clamp.			
For Work In Restricted Working Space, Add			
		10.80	
23 05 29 00-1206	EA 1" Standard Duty Clevis Pipe Hanger Assembly.....	47.69	17.85
Note: Includes hanger, rod, nuts, washers and clamp.			
For Work In Restricted Working Space, Add			
		11.24	
23 05 29 00-1207	EA 1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	48.58	17.88
Note: Includes hanger, rod, nuts, washers and clamp.			
For Work In Restricted Working Space, Add			
		11.41	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 29 00-1208	EA		1-1/2" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	48.86 11.41	17.88
23 05 29 00-1209	EA		2" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	50.01 11.58	18.03
23 05 29 00-1210	EA		2-1/2" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	56.56 11.34	18.55
23 05 29 00-1211	EA		3" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	58.61 11.51	19.09
23 05 29 00-1212	EA		4" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	71.10 12.72	21.55
23 05 29 00-1213	EA		6" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	105.66 16.70	27.85
23 05 29 00-1214	EA		8" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	124.17 19.38	32.30
23 05 29 00-1215	EA		10" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	170.06 24.31	41.03
23 05 29 00-1216	EA		12" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	188.70 26.54	44.16

23 05 29 00-1217 Steel Shapes For Hanger Devices (23 05 29)**23 05 29 00-1218 Angle Iron For Hanger Devices (23 05 29 00-1217)**

23 05 29 00-1219	LF		1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.43	1.49
23 05 29 00-1220	LF		3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.18	1.85
23 05 29 00-1221	LF		1" x 1" x 1/8" Angle Iron For Hanger Devices	3.91	2.22
23 05 29 00-1222	LF		1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	5.44	2.77
23 05 29 00-1223	LF		1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	6.07	2.97
23 05 29 00-1224	LF		2" x 2" x 1/4" Angle Iron For Hanger Devices	8.23	3.33
23 05 29 00-1225	LF		2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	10.24	4.06
23 05 29 00-1226	LF		3" x 2" x 3/8" Angle Iron For Hanger Devices	13.32	4.77
23 05 29 00-1227	LF		3" x 3" x 3/8" Angle Iron For Hanger Devices	15.93	5.56

23 05 29 00-1228 Channels For Hanger Devices (23 05 29 00-1217)

23 05 29 00-1229	LF		C2 x 1.78, 2" Wide Channels For Hanger Devices	6.85	3.58
23 05 29 00-1230	LF		C3 x 4.1, 3" Wide Channels For Hanger Devices	11.72	5.15
23 05 29 00-1231	LF		C4 x 5.4, 4" Wide Channels For Hanger Devices	14.63	6.18
23 05 29 00-1232	LF		C5 x 6.7 - 5" Wide Channels For Hanger Devices	17.54	7.21
23 05 29 00-1233	LF		C6 x 8.2 - 6" Wide Channels For Hanger Devices	21.23	8.65
23 05 29 00-1234	LF		C7 x 9.8 - 7" Wide Channels For Hanger Devices	25.32	10.30
23 05 29 00-1235	LF		C8 x 11.5 - 8" Wide Channels For Hanger Devices	28.72	11.33

23 05 29 00-1236 Structural Bar Tees For Hanger Devices (23 05 29 00-1217)

23 05 29 00-1237	LF		3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices.....	7.63	5.04
23 05 29 00-1238	LF		1" x 1" x 1/8" Structural Bar Tee For Hanger Devices.....	9.17	5.95
23 05 29 00-1239	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	13.12	6.87
23 05 29 00-1240	LF		2" x 2" x 1/4" Structural Bar Tee For Hanger Devices.....	16.90	9.16
23 05 29 00-1241	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	23.16	10.99
23 05 29 00-1242	LF		3" x 3" x 3/8" Structural Bar Tee For Hanger Devices.....	29.04	14.19

23 05 29 00-1243 Structural Zees For Hanger Devices (23 05 29 00-1217)

23 05 29 00-1244	LF		1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices.....	13.13	6.87
23 05 29 00-1245	LF		2-1/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	15.79	6.87
23 05 29 00-1246	LF		3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	23.11	6.87
23 05 29 00-1247	LF		3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices.....	29.21	6.87
23 05 29 00-1248	LF		3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices.....	35.60	6.87

23 05 29 00-1249 Junior I-beams For Hanger Devices (23 05 29 00-1217)

23 05 29 00-1250	LF		3" I-beam (Junior) For Hanger Devices.....	16.35	10.07
23 05 29 00-1251	LF		4" I-beam (Junior) For Hanger Devices.....	18.80	10.99
23 05 29 00-1252	LF		5" I-beam (Junior) For Hanger Devices.....	21.70	11.90
23 05 29 00-1253	LF		6" I-beam (Junior) For Hanger Devices.....	23.73	13.27
23 05 29 00-1254	LF		7" I-beam (Junior) For Hanger Devices.....	28.20	14.19
23 05 29 00-1255	LF		8" I-beam (Junior) For Hanger Devices.....	30.53	15.11

23 05 33 Heat Tracing For HVAC Piping (23 05)

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC (23 05)**23 05 48 13 Vibration Controls for HVAC (23 05 48)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0001		Unhoused Stable Steel Spring Isolators <small>(23 05 48 13)</small> Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator.....	92.00	28.63
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator.....	97.63	28.63
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator.....	116.31	28.63
23 05 48 13-0005		Housed Stable Steel Spring Isolators <small>(23 05 48 13)</small> Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only. Mason Industries, Inc.		
23 05 48 13-0006	EA	To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection.....	397.93	28.63
23 05 48 13-0007	EA	To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection.....	450.41	28.63
23 05 48 13-0008	EA	To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection.....	476.65	28.63
23 05 48 13-0009	EA	To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection.....	581.61	28.63
23 05 48 13-0010	EA	To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection.....	607.85	28.63
23 05 48 13-0011	EA	To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	443.85	28.63
23 05 48 13-0012	EA	To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	489.77	28.63
23 05 48 13-0013	EA	To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	522.57	28.63
23 05 48 13-0014	EA	To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	673.45	28.63
23 05 48 13-0015	EA	To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	732.49	28.63
23 05 48 13-0016	EA	To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection.....	870.25	28.63
23 05 48 13-0017		Vibration Isolators <small>(23 05 48 13)</small>		
23 05 48 13-0018		Spring And Rubber Hanger For 1" Deflection <small>(23 05 48 13-0017)</small>		
23 05 48 13-0019	EA	50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	119.52	18.41
23 05 48 13-0020	EA	600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	249.42	20.46
23 05 48 13-0021		Rubber-In-Shear Isolator Hanger <small>(23 05 48 13-0017)</small>		
23 05 48 13-0022	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	66.98	15.35
23 05 48 13-0023	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	86.66	18.41
23 05 48 13-0024		Spring Hanger For 1" Deflection <small>(23 05 48 13-0017)</small>		
23 05 48 13-0025	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	76.08	18.41
23 05 48 13-0026		Rubber-In-Shear Vibration Isolator <small>(23 05 48 13-0017)</small>		
23 05 48 13-0027	EA	45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	140.05	34.79
23 05 48 13-0028	EA	130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	189.91	34.79
23 05 48 13-0029	EA	550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	361.01	34.79
23 05 48 13-0030		Two-Piece Spring Type Vibration Isolator <small>(23 05 48 13-0017)</small> Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator.....	119.03	34.79
23 05 48 13-0032	EA	>1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator.....	122.75	34.79
23 05 48 13-0033		Open Double Spring Type Vibration Isolator <small>(23 05 48 13-0017)</small> Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator.....	91.57	17.39
23 05 48 13-0035	EA	500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator.....	91.57	17.39
23 05 48 13-0036	EA	1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator.....	103.95	17.39
23 05 48 13-0037	EA	1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator.....	103.95	17.39
23 05 48 13-0038	EA	2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator.....	159.97	17.39
23 05 48 13-0039		Isolation Pads <small>(23 05 48 13-0017)</small>		
23 05 48 13-0040		Laminated Neoprene And Cork Isolation Pad <small>(23 05 48 13-0039)</small>		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	6.18	2.55
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	7.88	2.66
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	9.83	2.77
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	38.50	3.17
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	73.52	3.58
23 05 48 13-0046		Neoprene And Steel Plate Isolation Pad <small>(23 05 48 13-0039)</small>		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	53.57	2.55
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	58.91	2.55
23 05 48 13-0049		Neoprene Isolation Pad <small>(23 05 48 13-0039)</small>		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad.....	5.77	2.55
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad.....	6.57	2.55
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad.....	7.82	2.55
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad.....	37.88	3.07
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad.....	69.11	3.58
23 05 48 13-0055		Ribbed Neoprene Isolation Pad <small>(23 05 48 13-0039)</small>		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 48 Vibration and Seismic Controls for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 48 13-0056	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.67	2.55
23 05 48 13-0057	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.37	2.66
23 05 48 13-0058	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.47	2.77
23 05 48 13-0059	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	10.09	2.97
23 05 48 13-0060	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	17.25	3.17
23 05 48 13-0061	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	31.50	3.58
23 05 48 13-0062		Cork And Ribbed Neoprene Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0063	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	5.91	2.55
23 05 48 13-0064	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	7.48	2.66
23 05 48 13-0065	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	9.23	2.77
23 05 48 13-0066	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	12.72	2.97
23 05 48 13-0067	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	22.91	3.17
23 05 48 13-0068	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	48.41	3.58
23 05 48 13-0069		Cork, Ribbed Neoprene And Steel Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0070	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	45.66	2.55
23 05 48 13-0071	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	57.11	2.66
23 05 48 13-0072	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	75.43	2.77
23 05 48 13-0073	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	96.25	2.97
23 05 48 13-0074	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	117.83	3.17
23 05 48 13-0075	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	142.99	3.58
23 05 48 13-0076		Rubber Cube Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0077	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	5.99	2.55
23 05 48 13-0078	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	9.31	2.77
23 05 48 13-0079	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad	57.34	3.58
23 05 48 13-0080		Threaded Flexible Bronze Hose Connectors (23 05 48 13)		
Note: Includes hex threaded nipple ends.				
23 05 48 13-0081	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	65.00	16.37
23 05 48 13-0082	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	76.48	22.51
23 05 48 13-0083	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	93.84	27.63
23 05 48 13-0084	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	109.27	32.74
23 05 48 13-0085	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	125.35	42.96
23 05 48 13-0086	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	141.24	45.73
23 05 48 13-0087	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	188.83	54.22
23 05 48 13-0088	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	259.98	84.50
23 05 48 13-0089		Weld End Flexible Hose Connectors (23 05 48 13)		
23 05 48 13-0090	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	261.76	58.72
23 05 48 13-0091	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	307.36	64.46
23 05 48 13-0092	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	348.55	68.24
23 05 48 13-0093	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	389.13	77.75
23 05 48 13-0094	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	443.16	83.89
23 05 48 13-0095	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	554.78	109.16
23 05 48 13-0096	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	850.35	122.77
23 05 48 13-0097	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	1,056.26	138.11
23 05 48 13-0098	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,455.09	204.61
23 05 48 13-0099		Flanged Flexible Hose Connectors (23 05 48 13)		
23 05 48 13-0100		Flanged Flexible Molded Rubber Hose Connectors (23 05 48 13-0099)		
Note: With helical wire reinforcement 150 PSI.				
23 05 48 13-0101	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	197.29	76.73
23 05 48 13-0102	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	213.63	85.22
23 05 48 13-0103	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	349.80	170.24
23 05 48 13-0104	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	485.84	253.21
23 05 48 13-0105	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	632.64	326.87
23 05 48 13-0106	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	787.13	331.14
23 05 48 13-0107	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	955.97	378.21
23 05 48 13-0108	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,236.58	450.09
23 05 48 13-0109	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,013.82	562.94
23 05 48 13-0110		Flanged Flexible Corrugated Stainless Steel Hose Connectors (23 05 48 13-0099)		
Note: With braided metal wire.				
23 05 48 13-0111	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	154.34	69.78
23 05 48 13-0112	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	151.89	95.96
23 05 48 13-0113	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	287.83	127.89

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0114	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	375.38	191.82
23 05 48 13-0115	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	404.05	211.06
23 05 48 13-0116	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	470.23	255.56
23 05 48 13-0117	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	602.08	327.17
23 05 48 13-0118	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	813.45	396.57
23 05 48 13-0119	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,324.56	529.82
23 05 48 13-0120	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,558.57	612.66
23 05 48 13-0121	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,000.81	662.28
23 05 48 13-0122		Flanged Flexible Molded Teflon Hose Connectors (23 05 48 13-0099)		
		Note: 150 PSI.		
23 05 48 13-0123	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	846.17	148.34
23 05 48 13-0124	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	949.53	173.92
23 05 48 13-0125	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,440.90	292.30
23 05 48 13-0126	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,739.58	331.14
23 05 48 13-0127	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,284.80	406.20
23 05 48 13-0128		Flexible Hose Connectors Braided Metal Hose Type (23 05 48 13)		
23 05 48 13-0129		Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 13-0128)		
		Note: MPT connection.		
23 05 48 13-0130	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	33.32	2.04
23 05 48 13-0131	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	39.78	2.04
23 05 48 13-0132	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	44.31	2.65
23 05 48 13-0133	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	53.84	2.65
23 05 48 13-0134	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	44.58	2.45
23 05 48 13-0135	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	53.81	2.45
23 05 48 13-0136	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.61	3.17
23 05 48 13-0137	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	75.98	3.17
23 05 48 13-0138	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	60.78	2.87
23 05 48 13-0139	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	66.45	2.87
23 05 48 13-0140	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	79.01	3.78
23 05 48 13-0141	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	100.02	3.78
23 05 48 13-0142	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	120.88	3.78
23 05 48 13-0143	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	141.81	3.78
23 05 48 13-0144	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	86.55	3.67
23 05 48 13-0145	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	95.37	3.67
23 05 48 13-0146	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	122.26	3.67
23 05 48 13-0147	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	169.95	4.90
23 05 48 13-0148	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	197.05	4.90
23 05 48 13-0149	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	233.09	4.90
23 05 48 13-0150	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	118.43	4.43
23 05 48 13-0151	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	136.87	4.43
23 05 48 13-0152	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	172.58	4.43
23 05 48 13-0153	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	230.16	5.93
23 05 48 13-0154	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	284.58	5.93
23 05 48 13-0155	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	338.95	5.93
23 05 48 13-0156	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	164.35	5.55
23 05 48 13-0157	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	187.06	5.27
23 05 48 13-0158	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	210.00	5.27
23 05 48 13-0159	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	259.02	7.06
23 05 48 13-0160	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	305.15	7.06
23 05 48 13-0161	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	349.83	7.06
23 05 48 13-0162	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	259.05	7.06
23 05 48 13-0163	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	289.68	7.06
23 05 48 13-0164	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	408.83	7.06
23 05 48 13-0165	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	493.26	9.41
23 05 48 13-0166	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	448.45	9.41
23 05 48 13-0167	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	508.74	9.41
23 05 48 13-0168	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	472.90	7.94
23 05 48 13-0169	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	508.69	7.94
23 05 48 13-0170	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	544.49	7.94
23 05 48 13-0171	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	622.55	10.59
23 05 48 13-0172	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	693.87	10.59
23 05 48 13-0173	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	766.73	10.59
23 05 48 13-0174		Braided Stainless Steel Flexible Hose Connectors (23 05 48 13-0128)		
		Note: Over braided carbon steel connection.		
23 05 48 13-0175	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	141.02	4.49
23 05 48 13-0176	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	170.31	4.49
23 05 48 13-0177	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	199.05	4.49
23 05 48 13-0178	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	260.53	6.01
23 05 48 13-0179	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	318.79	6.01
23 05 48 13-0180	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	376.98	6.01

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 48 Vibration and Seismic Controls for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 48 13-0181	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	159.88	5.27
23 05 48 13-0182	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	190.49	5.27
23 05 48 13-0183	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	221.24	5.27
23 05 48 13-0184	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	286.64	7.06
23 05 48 13-0185	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	347.89	7.06
23 05 48 13-0186	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	408.29	7.06
23 05 48 13-0187	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	169.79	7.06
23 05 48 13-0188	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	204.86	7.25
23 05 48 13-0189	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	240.43	7.06
23 05 48 13-0190	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	318.42	9.41
23 05 48 13-0191	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	389.17	9.41
23 05 48 13-0192	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	461.93	9.41
23 05 48 13-0193	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	342.31	13.74
23 05 48 13-0194	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	504.48	13.84
23 05 48 13-0195	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	676.53	18.23
23 05 48 13-0196	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	838.77	18.23
23 05 48 13-0197	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,000.97	18.23
23 05 48 13-0198	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	591.37	16.02
23 05 48 13-0199	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	714.07	16.02
23 05 48 13-0200	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	968.09	20.82
23 05 48 13-0201	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,211.50	20.82
23 05 48 13-0202	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,454.85	20.82
23 05 48 13-0203	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	633.51	20.02
23 05 48 13-0204	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	940.27	20.02
23 05 48 13-0205	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,259.39	26.07
23 05 48 13-0206	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,567.23	26.07
23 05 48 13-0207	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,873.77	26.07
23 05 48 13-0208	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,256.76	24.20
23 05 48 13-0209	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,639.60	24.20
23 05 48 13-0210	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,051.23	32.56
23 05 48 13-0211	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,437.43	32.56
23 05 48 13-0212	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,825.43	32.56

23 05 48 13-0213 Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 13-0128)

Note: Flanged end connection (carbon steel ends).

23 05 48 13-0214	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	183.39	4.43
23 05 48 13-0215	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	405.42	125.53
23 05 48 13-0216	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	480.52	125.53
23 05 48 13-0217	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	555.63	125.53
23 05 48 13-0218	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	630.76	125.53
23 05 48 13-0219	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	397.01	160.10
23 05 48 13-0220	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	476.15	160.10
23 05 48 13-0221	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	555.33	160.10
23 05 48 13-0222	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	634.53	160.10
23 05 48 13-0223	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	712.35	160.10

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0224	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	578.58	268.40
23 05 48 13-0225	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	670.96	269.07
23 05 48 13-0226	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	764.84	268.40
23 05 48 13-0227	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	869.80	268.40
23 05 48 13-0228	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	950.01	268.40
23 05 48 13-0229	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	856.71	343.63
23 05 48 13-0230	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,066.02	343.63
23 05 48 13-0231	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,275.45	344.86
23 05 48 13-0232	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,484.79	343.63
23 05 48 13-0233	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,694.10	343.63
23 05 48 13-0234	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,316.84	409.28
23 05 48 13-0235	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,475.19	409.28
23 05 48 13-0236	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,789.14	409.28
23 05 48 13-0237	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,103.21	409.28
23 05 48 13-0238	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,417.14	409.28
23 05 48 13-0239	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,063.62	498.25
23 05 48 13-0240	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,458.13	498.25
23 05 48 13-0241	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,855.29	498.25
23 05 48 13-0242	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,251.61	498.25
23 05 48 13-0243	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,571.90	498.25
23 05 48 13-0244	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,761.95	605.01
23 05 48 13-0245	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,262.58	605.01
23 05 48 13-0246	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,763.17	605.01
23 05 48 13-0247	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,263.77	605.01
23 05 48 13-0248	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,764.40	605.01

23 05 53 Identification For HVAC Piping And Equipment (23 05)
23 05 53 00-0001 Systems Identification (23 05 53)
23 05 53 00-0002 Pipe Marker Snap-On Type Plastic (23 05 53 00-0001)

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker.....	12.24	
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker.....	12.49	
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker.....	12.63	
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker.....	12.84	
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker.....	14.22	
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker.....	14.68	
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker.....	20.50	
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker.....	20.86	
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker.....	21.25	
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker.....	21.47	
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker.....	21.69	
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker.....	21.91	
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker.....	22.80	
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker.....	23.04	
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker.....	27.05	
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker.....	28.41	
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker.....	33.06	
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker.....	37.80	

23 05 53 00-0021 Pipe Markers Pressure-Sensitive (23 05 53 00-0001)

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	10.95	
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.46	
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	12.49	
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	12.70	
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.43	
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.74	
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.20	
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.60	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 53 Identification For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.91	
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.23	
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.86	
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.55	
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.16	
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.75	
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.40	
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.52	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.96	

23 05 53 00-0039 Valve Identification Tag (23 05 53 00-0001)

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass.....	9.75	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic.....	9.31	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass.....	9.18	

23 05 66 Anti-Microbial Ultraviolet Emitters For HVAC Ducts And Equipment (23 05)**23 05 66 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures (23 05 66)**

23 05 66 00-0002	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO).....	535.33	73.49
		Note: Includes tube.		
23 05 66 00-0003	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO).....	539.02	76.64
		Note: Includes tube.		
23 05 66 00-0004	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO).....	564.13	80.52
		Note: Includes tube.		
23 05 66 00-0005	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO).....	608.41	83.99
		Note: Includes tube.		
23 05 66 00-0006	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO).....	692.61	86.61
		Note: Includes tube.		

23 05 66 00-0007 Single Ended Ultraviolet HVAC Microbial Control Fixtures (23 05 66)

23 05 66 00-0008	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO).....	441.08	48.51
		Note: Includes tube.		
23 05 66 00-0009	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO).....	449.77	52.49
		Note: Includes tube.		
23 05 66 00-0010	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO).....	458.66	55.64
		Note: Includes tube.		
23 05 66 00-0011	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO).....	460.15	59.85
		Note: Includes tube.		
23 05 66 00-0012	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO).....	479.18	62.99
		Note: Includes tube.		
23 05 66 00-0013	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO).....	491.14	66.14
		Note: Includes tube.		
23 05 66 00-0014	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO).....	503.15	70.34
		Note: Includes tube.		
23 05 66 00-0015	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO).....	513.59	48.51
		Note: Includes tube.		
23 05 66 00-0016	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO).....	522.29	52.49
		Note: Includes tube.		
23 05 66 00-0017	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO).....	531.17	55.64
		Note: Includes tube.		
23 05 66 00-0018	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO).....	532.66	59.85
		Note: Includes tube.		
23 05 66 00-0019	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO).....	551.70	62.99
		Note: Includes tube.		
23 05 66 00-0020	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO).....	563.65	66.14
		Note: Includes tube.		
23 05 66 00-0021	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO).....	575.67	70.34
		Note: Includes tube.		
23 05 66 00-0022	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO).....	364.50	52.49
		Note: Includes tube.		
23 05 66 00-0023	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO).....	373.39	55.64
		Note: Includes tube.		
23 05 66 00-0024	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO).....	374.88	59.85
		Note: Includes tube.		
23 05 66 00-0025	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO).....	393.91	62.99
		Note: Includes tube.		
23 05 66 00-0026	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO).....	405.86	66.14
		Note: Includes tube.		
23 05 66 00-0027	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO).....	417.88	70.34
		Note: Includes tube.		

23 05 66 00-0028 Fan Coil Unit Ultraviolet Microbial Control Fixtures (23 05 66)

23 05 66 00-0029	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire).....	331.06	67.19
		Note: Includes tube.		
23 05 66 00-0030	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire).....	339.69	70.34
		Note: Includes tube.		
23 05 66 00-0031	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire).....	348.31	73.49
		Note: Includes tube.		
23 05 66 00-0032	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire).....	359.14	76.64
		Note: Includes tube.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 66 00-0033	EA		36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	372.47	80.52
23 05 66 00-0034	EA		42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	384.49	83.99

23 05 66 00-0035 Ultraviolet HVAC Microbial Control Replacement Parts (23 05 66)

23 05 66 00-0036	EA		18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO).....	87.46	
23 05 66 00-0037	EA		24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO).....	91.83	
23 05 66 00-0038	EA		30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO).....	103.22	
23 05 66 00-0039	EA		36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO).....	117.73	
23 05 66 00-0040	EA		42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO).....	132.57	
23 05 66 00-0041	EA		62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO).....	160.88	
23 05 66 00-0042	EA		12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO).....	84.31	
23 05 66 00-0043	EA		16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO).....	88.80	
23 05 66 00-0044	EA		20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO).....	93.48	
23 05 66 00-0045	EA		24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO).....	90.78	
23 05 66 00-0046	EA		30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO).....	105.62	
23 05 66 00-0047	EA		36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO).....	113.37	
23 05 66 00-0048	EA		42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO).....	121.18	
23 05 66 00-0049	EA		Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire).....	245.46	

23 05 66 00-0050 Ultraviolet HVAC Microbial Control Mounting Accessories (23 05 66)

23 05 66 00-0051	EA		Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610)..... Note: Includes 61" emitter, power supply, wires and connectors.	449.72	
23 05 66 00-0052	EA		Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620)..... Note: Includes 61" emitter, power supply, wires and connectors.	563.31	
23 05 66 00-0053	EA		Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1)..... Note: Includes power supply, wires and connectors. Excludes emitter.	273.53	
23 05 66 00-0054	EA		Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2)..... Note: Includes power supply, wires and connectors. Excludes emitter.	287.44	
23 05 66 00-0055	EA		Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3)..... Note: Includes power supply, wires and connectors. Excludes emitter.	346.02	
23 05 66 00-0056	EA		Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4)..... Note: Includes power supply, wires and connectors. Excludes emitter.	223.91	
23 05 66 00-0057	EA		Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5)..... Note: Includes power supply, wires and connectors. Excludes emitter.	241.01	
23 05 66 00-0058	EA		16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6)..... Note: Includes power supply, wires and connectors. Excludes emitter.	320.83	
23 05 66 00-0059	EA		12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7)..... Note: Includes power supply, wires and connectors. Excludes emitter.	316.89	
23 05 66 00-0060	LF		30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101).....	12.08	
23 05 66 00-0061	EA		Foundation Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111).....	41.68	
23 05 66 00-0062	EA		Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112).....	15.26	
23 05 66 00-0063	EA		Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113).....	14.57	
23 05 66 00-0064	EA		Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104).....	38.86	
23 05 66 00-0065	EA		Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114).....	42.14	
23 05 66 00-0066	EA		Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108).....	37.75	
23 05 66 00-0067	EA		Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115).....	31.18	
23 05 66 00-0068	EA		ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109).....	29.61	
23 05 66 00-0069	EA		DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223).....	17.33	
23 05 66 00-0070	EA		DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603).....	32.93	
23 05 66 00-0071	EA		Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100).....	17.39	
23 05 66 00-0072	EA		480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503).....	63.17	
23 05 66 00-0073	EA		Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120).....	66.11	

23 05 93 Testing, Adjusting, And Balancing For HVAC (23 05)

Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment (23 05 93)

23 05 93 00-0002	EA		Balancing Centrifugal Fans..... <i>For Testing Of Unit Without Balancing, Deduct</i>	431.29	-215.65
23 05 93 00-0003	EA		Balancing Heating And Ventilating Units <i>For Testing Of Unit Without Balancing, Deduct</i>	538.90	-269.45
23 05 93 00-0004	EA		Balancing In Line Fan <i>For Testing Of Unit Without Balancing, Deduct</i>	485.21	-242.61
23 05 93 00-0005	EA		Balancing Propeller And Wall Fan <i>For Testing Of Unit Without Balancing, Deduct</i>	107.83	-53.92
23 05 93 00-0006	EA		Balancing Roof Exhaust Fan <i>For Testing Of Unit Without Balancing, Deduct</i>	323.45	-161.73
23 05 93 00-0007	EA		Balancing Wall Fan <i>For Testing Of Unit Without Balancing, Deduct</i>	80.85	-40.43
23 05 93 00-0008	EA		Balancing Fan Section Exhaust..... <i>For Testing Of Unit Without Balancing, Deduct</i>	430.61	-215.31

23 05 93 00-0009 Air Conditioning Equipment (23 05 93)

23 05 93 00-0010	EA		Balancing Constant Volume Air Handling Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	753.72	-376.86
23 05 93 00-0011	EA		Balancing Package A/C Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	282.64	-141.32

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 93 Testing, Adjusting, And Balancing For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit.....	376.86	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-188.43	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit.....	1,319.01	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-659.51	
23 05 93 00-0014		Registers, Diffusers, Terminal Air Units And Dampers (23 05 93)		
23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	80.87	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-40.44	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser.....	134.78	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-67.39	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	70.09	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-35.05	
23 05 93 00-0018	EA	Balance Variable Air Volume Box.....	75.94	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-37.97	
23 05 93 00-0019	EA	Balance Constant Volume Box	75.94	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-37.97	
23 05 93 00-0020	EA	Balance Fan Powered Box	86.26	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-43.13	
23 05 93 00-0021	EA	Balance Lab Fume Hood	350.44	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-175.22	
23 05 93 00-0022	EA	Balance General Hood.....	269.56	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-134.78	
23 05 93 00-0023	EA	Balance Induction Unit.....	161.74	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-80.87	
23 05 93 00-0024	EA	Balance Moduline - Master	64.67	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-32.34	
23 05 93 00-0025	EA	Balance Moduline - Slave	32.34	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-16.17	
23 05 93 00-0026	EA	Balance Dampers	30.03	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-15.02	
23 05 93 00-0027	EA	Balance Regenerators	430.61	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-215.31	
23 05 93 00-0028		Water Balancing Of Components (23 05 93)		
23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	518.23	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-259.12	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	65.95	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-32.98	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled.....	565.24	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-282.62	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled.....	753.72	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-376.86	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	376.86	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-188.43	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	94.27	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-47.14	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	94.21	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-47.11	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	103.64	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-51.82	
23 05 93 00-0037	EA	Water Balance, Pumps	282.65	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-141.33	
23 05 93 00-0038	EA	Water Balance, Unit Heater	65.95	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-32.98	
23 05 93 00-0039	EA	Water Balancing, Converter.....	282.75	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-141.38	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves.....	47.10	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-23.55	
23 05 93 00-0041	EA	Water Balance, Convactor	56.53	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-28.27	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	70.67	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-35.34	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH.....	612.39	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-306.20	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,130.58	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-565.29	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,072.74	
		<i>For Testing Of Unit Without Balancing, Deduct</i>	-1,036.37	
23 05 93 00-0046		Non Destructive Testing (23 05 93)		
23 05 93 00-0047		X-Ray Welds, Non-Destructive Testing (23 05 93 00-0046)		
23 05 93 00-0048		X-Ray Welds Minimum Set-Up Charge (23 05 93 00-0047)		
23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge.....	816.46	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 05 93 00-0050		Piping, X-Ray Welds, Non Destructive Testing (23 05 93 00-0047)		
23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing	76.65	
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing.....	87.29	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing.....	97.93	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing.....	103.47	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing.....	109.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 05 93 00-0056	EA		4" Piping, X-Ray Welds, Non Destructive Testing	114.96	
23 05 93 00-0057	EA		6" Piping, X-Ray Welds, Non Destructive Testing	126.03	
23 05 93 00-0058	EA		8" Piping, X-Ray Welds, Non Destructive Testing	137.11	
23 05 93 00-0059	EA		10" Piping, X-Ray Welds, Non Destructive Testing	143.04	
23 05 93 00-0060	EA		12" Piping, X-Ray Welds, Non Destructive Testing	149.00	

23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0046)

23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0061)

23 05 93 00-0063	EA		Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	85.94	
23 05 93 00-0064	EA		1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	91.06	
23 05 93 00-0065	EA		1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	96.18	
23 05 93 00-0066	EA		2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	98.73	
23 05 93 00-0067	EA		3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	102.56	
23 05 93 00-0068	EA		4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	106.41	
23 05 93 00-0069	EA		6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	114.08	
23 05 93 00-0070	EA		8" Piping, Liquid Penetration Of Welds, Non Destructive Testing	121.75	
23 05 93 00-0071	EA		10" Piping, Liquid Penetration Of Welds, Non Destructive Testing	129.42	
23 05 93 00-0072	EA		12" Piping, Liquid Penetration Of Welds, Non Destructive Testing	137.09	

23 05 93 00-0073 Hydrostatic Testing (23 05 93 00-0046)

Note: Includes flushing and restoring of system.

23 05 93 00-0074 Piping, Hydrostatic Testing (23 05 93 00-0073)

23 05 93 00-0075	EA		Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	673.06	
23 05 93 00-0076	EA		>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	961.51	
23 05 93 00-0077	EA		>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,152.08	
23 05 93 00-0078	EA		>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,534.58	
23 05 93 00-0079	EA		>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,325.11	
23 05 93 00-0080	EA		Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	894.90	
23 05 93 00-0081	EA		>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,278.81	
23 05 93 00-0082	EA		>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,522.39	
23 05 93 00-0083	EA		>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	1,994.92	
23 05 93 00-0084	EA		>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,017.98	
23 05 93 00-0085	EA		Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,166.27	
23 05 93 00-0086	EA		>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,662.46	
23 05 93 00-0087	EA		>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,708.69	
23 05 93 00-0088	EA		>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,238.52	
23 05 93 00-0089	EA		>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,386.47	
23 05 93 00-0090	EA		Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,514.11	
23 05 93 00-0091	EA		>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,158.62	
23 05 93 00-0092	EA		>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,221.74	
23 05 93 00-0093	EA		>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	2,914.04	
23 05 93 00-0094	EA		>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	4,415.23	

23 05 93 00-0095 Pneumatic Testing (23 05 93 00-0046)

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 Piping, Pneumatic Testing (23 05 93 00-0095)

23 05 93 00-0097	EA		Up To 100', Up To 1-1/2" Piping, Pneumatic Testing	765.34	
			Note: Includes soaping joints.		
23 05 93 00-0098	EA		>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing	1,092.09	
			Note: Includes soaping joints.		
23 05 93 00-0099	EA		>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing	1,179.60	
			Note: Includes soaping joints.		
23 05 93 00-0100	EA		>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing	1,510.78	
			Note: Includes soaping joints.		
23 05 93 00-0101	EA		>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing	2,363.01	
			Note: Includes soaping joints.		
23 05 93 00-0102	EA		Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing	998.66	
			Note: Includes soaping joints.		
23 05 93 00-0103	EA		>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing	1,418.10	
			Note: Includes soaping joints.		
23 05 93 00-0104	EA		>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing	1,533.38	
			Note: Includes soaping joints.		
23 05 93 00-0105	EA		>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing	1,964.43	
			Note: Includes soaping joints.		
23 05 93 00-0106	EA		>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing	3,071.50	
			Note: Includes soaping joints.		
23 05 93 00-0107	EA		Up To 100', >4" To 10" Piping, Pneumatic Testing	1,202.66	
			Note: Includes soaping joints.		
23 05 93 00-0108	EA		>100' To 250', >4" To 10" Piping, Pneumatic Testing	1,697.28	
			Note: Includes soaping joints.		
23 05 93 00-0109	EA		>250' To 500', >4" To 10" Piping, Pneumatic Testing	1,870.49	
			Note: Includes soaping joints.		
23 05 93 00-0110	EA		>500' To 1,000', >4" To 10" Piping, Pneumatic Testing	2,389.92	
			Note: Includes soaping joints.		
23 05 93 00-0111	EA		>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing	3,742.27	
			Note: Includes soaping joints.		
23 05 93 00-0112	EA		Up To 100', >10" To 14" Piping, Pneumatic Testing	1,565.96	
			Note: Includes soaping joints.		
23 05 93 00-0113	EA		>100' To 250', >10" To 14" Piping, Pneumatic Testing	2,206.61	
			Note: Includes soaping joints.		
23 05 93 00-0114	EA		>250' To 500', >10" To 14" Piping, Pneumatic Testing	2,432.36	
			Note: Includes soaping joints.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 93 Testing, Adjusting, And Balancing For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing.....	3,107.47	
		Note: Includes soaping joints.		
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing.....	4,872.74	
		Note: Includes soaping joints.		
23 05 93 00-0117		EPA Testing Of Sludge (23 05 93)		
23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead.....	650.99	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level.....	72.49	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals.....	997.40	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water.....	758.05	

23 07 HVAC Insulation (23)**23 07 13 Duct Insulation (23 07)**

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation (23 07 13)

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.94	2.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.11	
		<i>For Work In Restricted Working Space, Add</i>	0.80	
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.45	2.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.12	
		<i>For Work In Restricted Working Space, Add</i>	0.94	
23 07 13 00-0005	SF	2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.92	3.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.14	
		<i>For Work In Restricted Working Space, Add</i>	1.07	
23 07 13 00-0006	SF	3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.61	3.51
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.17	
		<i>For Work In Restricted Working Space, Add</i>	1.26	
23 07 13 00-0007	SF	4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	5.17	3.81
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.26	
		<i>For Work In Restricted Working Space, Add</i>	1.35	

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0009	SF	1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.66	3.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.12	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
23 07 13 00-0010	SF	1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.24	3.51
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.15	
		<i>For Work In Restricted Working Space, Add</i>	1.16	
23 07 13 00-0011	SF	2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation.....	5.01	4.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.18	
		<i>For Work In Restricted Working Space, Add</i>	1.37	

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0013	SF	1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.56	4.01
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.21	
		<i>For Work In Restricted Working Space, Add</i>	1.21	
23 07 13 00-0014	SF	1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	5.52	4.51
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.37	
		<i>For Work In Restricted Working Space, Add</i>	1.38	
23 07 13 00-0015	SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	6.44	5.02
		<i>For Plain Blanket, With No Facing, Deduct</i>	-0.44	
		<i>For Work In Restricted Working Space, Add</i>	1.61	

23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation (23 07 13)

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	9.47	5.29
		<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	21.78	
		<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	16.15	
		<i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i>	13.31	
		<i>For Work In Restricted Working Space, Add</i>	2.67	
23 07 13 00-0018	SF	1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	12.14	6.44
		<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	26.93	
		<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	20.27	
		<i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i>	16.63	
		<i>For Work In Restricted Working Space, Add</i>	3.25	
23 07 13 00-0019	SF	2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	15.12	7.77
		<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	32.82	
		<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	24.93	
		<i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i>	20.39	
		<i>For Work In Restricted Working Space, Add</i>	3.92	

23 07 13 00-0020 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation (23 07 13)

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.

23 07 13 00-0021	SF	1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	10.62	5.82
		<i>For Work In Restricted Working Space, Add</i>	2.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0022	SF		1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For Work In Restricted Working Space, Add</i>	13.77 3.58	7.08
23 07 13 00-0023	SF		2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For Work In Restricted Working Space, Add</i>	17.62 4.32	8.55
23 07 13 00-0024			Sheet Flexible Elastomeric Insulation (23 07 13)		
23 07 13 00-0025	SF		3/8" Thick, Sheet Flexible Elastomeric Insulation	8.19	2.70
23 07 13 00-0026	SF		1/2" Thick, Sheet Flexible Elastomeric Insulation	8.75	2.86
23 07 13 00-0027	SF		3/4" Thick, Sheet Flexible Elastomeric Insulation	11.51	3.01
23 07 13 00-0028	SF		1" Thick, Sheet Flexible Elastomeric Insulation	13.28	3.16
23 07 13 00-0029	SF		1-1/2" Thick, Sheet Flexible Elastomeric Insulation	18.42	3.46
23 07 13 00-0030	SF		2" Thick, Sheet Flexible Elastomeric Insulation	21.79	3.76
23 07 13 00-0031			Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF		1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	12.16	2.86
23 07 13 00-0033	SF		3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.39	3.01
23 07 13 00-0034	SF		1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.92	3.16
23 07 13 00-0035	SF		1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	23.33	3.46
23 07 13 00-0036	SF		2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	27.65	3.76
23 07 13 00-0037			Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF		1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.59	2.86
23 07 13 00-0039	SF		3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.81	3.01
23 07 13 00-0040	SF		1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.77	3.16
23 07 13 00-0041	SF		1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	26.15	3.46
23 07 16 HVAC Equipment Insulation (23 07)					
23 07 16 00-0001			Calcium Silicate Block Insulation (23 07 16)		
23 07 16 00-0002	SF		1" Thick, Calcium Silicate Block Insulation	15.65	6.36
			<i>For Work In Restricted Working Space, Add</i>	3.81	
23 07 16 00-0003	SF		1-1/2" Thick, Calcium Silicate Block Insulation	18.71	7.15
			<i>For Work In Restricted Working Space, Add</i>	4.29	
23 07 16 00-0004	SF		2" Thick, Calcium Silicate Block Insulation	22.43	8.25
			<i>For Work In Restricted Working Space, Add</i>	4.97	
23 07 16 00-0005	SF		2-1/2" Thick, Calcium Silicate Block Insulation	26.70	9.68
			<i>For Work In Restricted Working Space, Add</i>	5.81	
23 07 16 00-0006	SF		3" Thick, Calcium Silicate Block Insulation	32.64	11.92
			<i>For Work In Restricted Working Space, Add</i>	7.15	
23 07 19 HVAC Piping Insulation (23 07)					
			See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001			Calcium Silicate Pipe Insulation (23 07 19) Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0554 for protective jacketing.		
23 07 19 00-0002			1" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0003	LF		1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.20	3.30
			<i>For Work In Restricted Working Space, Add</i>	2.48	
23 07 19 00-0004	LF		3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.20	3.30
			<i>For Work In Restricted Working Space, Add</i>	2.48	
23 07 19 00-0005	LF		1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.11	3.35
			<i>For Work In Restricted Working Space, Add</i>	2.51	
23 07 19 00-0006	LF		1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.31	3.39
			<i>For Work In Restricted Working Space, Add</i>	2.55	
23 07 19 00-0007	LF		1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.46	3.44
			<i>For Work In Restricted Working Space, Add</i>	2.58	
23 07 19 00-0008	LF		2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.45	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.65	
23 07 19 00-0009	LF		2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.12	3.68
			<i>For Work In Restricted Working Space, Add</i>	2.76	
23 07 19 00-0010	LF		3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.81	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.83	
23 07 19 00-0011	LF		4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	18.12	4.06
			<i>For Work In Restricted Working Space, Add</i>	3.05	
23 07 19 00-0012	LF		6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	20.16	4.58
			<i>For Work In Restricted Working Space, Add</i>	3.44	
23 07 19 00-0013			1-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0014	LF		1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.81	3.44
			<i>For Work In Restricted Working Space, Add</i>	2.58	
23 07 19 00-0015	LF		3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.90	3.44
			<i>For Work In Restricted Working Space, Add</i>	2.58	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.90	3.64
		<i>For Work In Restricted Working Space, Add</i>	2.73	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.51	3.71
		<i>For Work In Restricted Working Space, Add</i>	2.78	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.15	3.78
		<i>For Work In Restricted Working Space, Add</i>	2.83	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.35	3.98
		<i>For Work In Restricted Working Space, Add</i>	2.99	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.21	4.05
		<i>For Work In Restricted Working Space, Add</i>	3.04	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.91	4.19
		<i>For Work In Restricted Working Space, Add</i>	3.14	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	21.10	4.53
		<i>For Work In Restricted Working Space, Add</i>	3.40	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	24.45	5.29
		<i>For Work In Restricted Working Space, Add</i>	3.97	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	28.85	5.58
		<i>For Work In Restricted Working Space, Add</i>	4.19	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	36.42	6.69
		<i>For Work In Restricted Working Space, Add</i>	5.01	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	42.84	7.78
		<i>For Work In Restricted Working Space, Add</i>	5.84	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	47.75	8.53
		<i>For Work In Restricted Working Space, Add</i>	6.40	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	56.73	10.86
		<i>For Work In Restricted Working Space, Add</i>	8.15	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	61.20	11.40
		<i>For Work In Restricted Working Space, Add</i>	8.55	
23 07 19 00-0030 2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)				
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.70	3.77
		<i>For Work In Restricted Working Space, Add</i>	2.83	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.15	3.77
		<i>For Work In Restricted Working Space, Add</i>	2.83	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.72	3.82
		<i>For Work In Restricted Working Space, Add</i>	2.87	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.50	3.87
		<i>For Work In Restricted Working Space, Add</i>	2.90	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.05	3.92
		<i>For Work In Restricted Working Space, Add</i>	2.94	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.93	4.06
		<i>For Work In Restricted Working Space, Add</i>	3.05	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.47	4.20
		<i>For Work In Restricted Working Space, Add</i>	3.16	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.87	4.34
		<i>For Work In Restricted Working Space, Add</i>	3.26	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	26.50	4.59
		<i>For Work In Restricted Working Space, Add</i>	3.44	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	32.51	5.50
		<i>For Work In Restricted Working Space, Add</i>	4.13	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	36.86	5.81
		<i>For Work In Restricted Working Space, Add</i>	4.36	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	45.44	6.95
		<i>For Work In Restricted Working Space, Add</i>	5.22	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	51.98	8.33
		<i>For Work In Restricted Working Space, Add</i>	6.24	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	63.31	11.61
		<i>For Work In Restricted Working Space, Add</i>	8.71	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	66.82	11.61
		<i>For Work In Restricted Working Space, Add</i>	8.71	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	71.71	12.20
		<i>For Work In Restricted Working Space, Add</i>	9.15	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	85.60	13.94
		<i>For Work In Restricted Working Space, Add</i>	10.46	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	99.55	16.84
		<i>For Work In Restricted Working Space, Add</i>	12.63	
23 07 19 00-0049 2-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)				
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.27	4.35
		<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.74	4.35
		<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.12	4.42
		<i>For Work In Restricted Working Space, Add</i>	3.32	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.33	4.45
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.93	4.49
		<i>For Work In Restricted Working Space, Add</i>	3.37	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.90	4.68
		<i>For Work In Restricted Working Space, Add</i>	3.51	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.98	4.84
		<i>For Work In Restricted Working Space, Add</i>	3.63	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	27.41	5.01
		<i>For Work In Restricted Working Space, Add</i>	3.76	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	31.78	5.28
		<i>For Work In Restricted Working Space, Add</i>	3.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0059	LF		6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	39.72 4.50	6.00
23 07 19 00-0060	LF		8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	45.37 5.02	6.69
23 07 19 00-0061	LF		10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	54.26 5.79	7.71
23 07 19 00-0062	LF		12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	62.98 7.19	9.59
23 07 19 00-0063	LF		14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	69.70 7.85	10.47
23 07 19 00-0064	LF		16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	84.45 10.03	13.38
23 07 19 00-0065	LF		18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	89.21 10.54	14.05
23 07 19 00-0066	LF		20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	103.55 12.04	16.06
23 07 19 00-0067	LF		24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	121.54 14.55	19.40
23 07 19 00-0068			3" Thick, Calcium Silicate Pipe Insulation <small>(23 07 19 00-0001)</small>		
23 07 19 00-0069	LF		1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.02 3.62	4.82
23 07 19 00-0070	LF		3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.13 3.62	4.82
23 07 19 00-0071	LF		1" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.36 3.65	4.87
23 07 19 00-0072	LF		1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.66 3.68	4.90
23 07 19 00-0073	LF		1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.91 3.72	4.96
23 07 19 00-0074	LF		2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	28.85 3.85	5.14
23 07 19 00-0075	LF		2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.12 3.98	5.32
23 07 19 00-0076	LF		3" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.74 4.13	5.50
23 07 19 00-0077	LF		4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	38.78 4.36	5.81
23 07 19 00-0078	LF		6" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	46.08 4.95	6.60
23 07 19 00-0079	LF		8" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	53.61 5.51	7.35
23 07 19 00-0080	LF		10" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	63.75 6.37	8.49
23 07 19 00-0081	LF		12" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	73.43 7.91	10.55
23 07 19 00-0082	LF		14" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	81.56 8.64	11.51
23 07 19 00-0083	LF		16" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	95.10 11.04	14.71
23 07 19 00-0084	LF		18" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	102.65 11.59	15.45
23 07 19 00-0085	LF		20" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	120.32 13.25	17.67
23 07 19 00-0086	LF		24" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	142.20 16.01	21.35
23 07 19 00-0087			3-1/2" Thick, Calcium Silicate Pipe Insulation <small>(23 07 19 00-0001)</small>		
23 07 19 00-0088	LF		1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	34.67 3.96	5.28
23 07 19 00-0089	LF		3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.03 3.96	5.28
23 07 19 00-0090	LF		1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.11 3.98	5.32
23 07 19 00-0091	LF		1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.20 4.01	5.35
23 07 19 00-0092	LF		1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	37.37 4.06	5.42
23 07 19 00-0093	LF		2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	39.69 4.20	5.60
23 07 19 00-0094	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.18 4.35	5.79
23 07 19 00-0095	LF		3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	44.71 4.50	6.00
23 07 19 00-0096	LF		4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	51.07 4.76	6.34
23 07 19 00-0097	LF		6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	56.94 5.40	7.20
23 07 19 00-0098	LF		8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	69.55 6.02	8.02
23 07 19 00-0099	LF		10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	84.67 6.95	9.26
23 07 19 00-0100	LF		12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	102.41 8.63	11.50
23 07 19 00-0101	LF		14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	107.76 9.42	12.56

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	125.27 12.04	16.06
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	144.34 12.64	16.86
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	155.46 14.46	19.29

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.50 4.40	5.86
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.54 4.40	5.86
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.79 4.47	5.96
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	45.02 4.52	6.03
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	47.74 4.67	6.22
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.70 4.81	6.42
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	53.32 4.89	6.52
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	54.86 5.07	6.76
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	62.42 5.35	7.13
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	72.26 6.07	8.09
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	86.26 6.77	9.02
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	99.32 7.82	10.43
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	112.81 9.71	12.94
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	119.87 10.61	14.14
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	141.56 13.56	18.08
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	150.64 14.21	18.94
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	166.50 16.26	21.69

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulokote ET) <i>For Work In Restricted Working Space, Add</i>	4.47 0.93	
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23 08 Commissioning Of HVAC (23)

See CSI section 01 91 13 00-0001 for commissioning, 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation And Control For HVAC (23)**23 09 23 Direct-Digital Control System For HVAC (23 09)****23 09 23 11 Control Valves (23 09 23)****23 09 23 11-0001 Valves With Actuator (23 09 23 11)**

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	482.82	13.20
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	501.67	17.79
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	550.24	21.54
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	602.59	27.28
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	686.63	31.48
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	776.95	37.20
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	1,455.80	74.40
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	1,581.85	87.06
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	2,141.04	127.89
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	3,147.46	184.81
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	3,486.22	204.61
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	522.61	19.80
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	542.28	26.69
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	589.42	32.30
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	656.31	40.92
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	839.96	47.22
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	933.73	55.80
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	1,656.66	111.60
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	1,825.49	130.60
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2"GMX24-MFTX1)	2,657.51	191.82
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2"GMX24-MFTX1)	3,854.05	277.21
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2"GMX24-MFTX1)	4,283.75	306.91
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	96.52	13.20
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	115.13	17.79
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	144.55	21.54
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	120.15	19.80

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0028	EA			3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC).....	142.47	26.69
23 09 23 11-0029	EA			1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC).....	177.58	32.30
23 09 23 11-0030	EA			1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3).....	155.61	13.20
23 09 23 11-0031	EA			3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3).....	185.71	17.79
23 09 23 11-0032	EA			1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3).....	211.99	21.54
23 09 23 11-0033	EA			1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3).....	275.39	27.28
23 09 23 11-0034	EA			1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3).....	286.72	31.48
23 09 23 11-0035	EA			2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3).....	363.61	37.20
23 09 23 11-0036	EA			2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3).....	777.95	74.40
23 09 23 11-0037	EA			3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3).....	913.21	87.06
23 09 23 11-0038	EA			1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3).....	190.73	19.80
23 09 23 11-0039	EA			3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3).....	222.73	26.69
23 09 23 11-0040	EA			1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3).....	286.25	32.30
23 09 23 11-0041	EA			1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3).....	403.34	40.92
23 09 23 11-0042	EA			1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3).....	427.53	47.22
23 09 23 11-0043	EA			2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3).....	562.74	55.80
23 09 23 11-0044	EA			2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1).....	472.40	68.21
23 09 23 11-0045	EA			2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1).....	497.63	74.40
23 09 23 11-0046	EA			3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1).....	648.10	87.06
23 09 23 11-0047	EA			4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2"GMB24-3X1).....	997.06	146.15
23 09 23 11-0048	EA			5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24).....	1,945.26	184.81
23 09 23 11-0049	EA			6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24).....	2,057.76	204.61
23 09 23 11-0050	EA			8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24).....	2,773.94	233.84
23 09 23 11-0051	EA			10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24).....	3,403.13	286.46
23 09 23 11-0052	EA			12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24).....	4,201.94	347.22
23 09 23 11-0053	EA			14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24).....	4,682.52	409.22
23 09 23 11-0054	EA			16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110).....	6,141.20	450.15
23 09 23 11-0055	EA			18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110).....	7,417.34	500.07
23 09 23 11-0056	EA			2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1).....	859.55	102.30
23 09 23 11-0057	EA			2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1).....	1,007.52	111.60
23 09 23 11-0058	EA			3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2"GMB24-3X1).....	1,239.78	130.60
23 09 23 11-0059	EA			4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2"GMB24-3X1).....	1,619.48	219.22
23 09 23 11-0060	EA			5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24).....	3,220.62	277.21
23 09 23 11-0061	EA			6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24).....	3,345.62	306.91
23 09 23 11-0062	EA			8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24).....	4,197.35	350.79
23 09 23 11-0063	EA			10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24).....	5,536.59	429.68
23 09 23 11-0064	EA			12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24).....	6,728.89	520.83
23 09 23 11-0065	EA			14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110).....	10,389.59	613.83
23 09 23 11-0066	EA			16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110).....	11,579.77	675.20
23 09 23 11-0067	EA			18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110).....	17,661.04	750.10
23 09 23 11-0068 Valve Actuators <small>(23 09 23 11)</small>						
23 09 23 11-0069	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T).....	369.71	84.52
23 09 23 11-0070	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3).....	374.34	84.52
23 09 23 11-0071	EA			24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T).....	430.77	84.52
23 09 23 11-0072	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S).....	412.82	84.52
23 09 23 11-0073	EA			24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR).....	419.58	84.52
23 09 23 11-0074	EA			24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT).....	463.99	84.52
23 09 23 11-0075	EA			24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1).....	522.61	84.52
23 09 23 11-0076	EA			24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95).....	531.98	84.52
23 09 23 11-0077	EA			24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT).....	554.57	84.52
23 09 23 11-0078	EA			120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3).....	421.20	84.52
23 09 23 11-0079	EA			120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR).....	468.60	84.52
23 09 23 11-0080	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T).....	441.99	84.52
23 09 23 11-0081	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3).....	448.77	84.52
23 09 23 11-0082	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14).....	451.30	84.52
23 09 23 11-0083	EA			24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S).....	497.39	84.52
23 09 23 11-0084	EA			24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T).....	517.26	84.52
23 09 23 11-0085	EA			24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR).....	527.82	84.52
23 09 23 11-0086	EA			24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT).....	525.72	84.52
23 09 23 11-0087	EA			24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC).....	532.48	84.52
23 09 23 11-0088	EA			24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95).....	532.05	84.52
23 09 23 11-0089	EA			24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4).....	575.91	84.52
23 09 23 11-0090	EA			24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4).....	686.81	84.52

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3).....	474.55	84.52
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	555.74	84.52
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,192.50	84.52
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,331.17	84.52
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	1,587.82	84.52
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	1,792.04	84.52
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,112.11	84.52
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	2,479.12	84.52
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	3,323.06	84.52
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	4,045.64	84.52

23 09 23 12 Control Dampers (23 09 23)**23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers (23 09 23 12)**

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008).....	144.66	33.43
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010).....	162.49	36.66
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012).....	181.38	40.44
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014).....	210.09	47.44
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	237.74	53.91
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018).....	243.86	60.65
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	295.35	67.39
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	352.94	80.87
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	447.92	94.35
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	647.08	107.83
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	1,144.07	121.30
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	1,442.52	134.78

23 09 23 12-0014 Round Galvanized Control Dampers (23 09 23 12)

Note: Excludes actuators.

23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	143.49	37.74
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	148.95	40.44
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	154.41	40.44
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	171.93	45.82
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	192.15	45.82
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	210.78	53.91
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18).....	282.34	56.75
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20).....	294.85	58.82
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22).....	313.58	63.41
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24).....	332.60	68.00

23 09 23 12-0025 Remote Damper Control (23 09 23 12)

23 09 23 12-0026	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B).....	225.81	
		For Each 10' Flexible Casing And Wire, Add	23.86	
23 09 23 12-0027	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B).....	230.69	
		For Each 10' Flexible Casing And Wire, Add	23.86	

23 09 23 13 Energy Meters (23 09 23)**23 09 23 13-0001 Surge Protectors (23 09 23 13)**

23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255).....	211.30	8.41
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	161.09	8.41
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	247.48	8.41
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	136.58	8.41
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	136.58	8.41
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	136.58	8.41
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	194.96	8.41
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	122.57	8.41

23 09 23 14 Flow Instruments (23 09 23)**23 09 23 14-0001 Water Flow Meters (23 09 23 14)**

23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500)	3,132.61	90.41
		Note: Excludes pipe fittings.		

23 09 23 14-0003 Air Flow Monitoring Stations (23 09 23 14)

23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Eatron GTA116)	2,489.92	103.51
		Note: 10' cable, 36" x 24" typical duct size.		
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Eatron GTA116)	3,538.78	103.51
		Note: 10' cable, 48" x 36" typical duct size.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 14-0006	EA		Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	4,383.86	103.51
23 09 23 16 Gas Instruments (23 09 23)					
23 09 23 16-0001 Gas Sensors (23 09 23 16)					
23 09 23 16-0002	EA		6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	1,310.25	50.45
23 09 23 16-0003	EA		Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	587.65	33.64
23 09 23 16-0004	EA		CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2)..... Note: Solid state sensor.	1,049.21	50.45
23 09 23 16-0005	EA		CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	594.94	60.55
23 09 23 19 Moisture Instruments (23 09 23)					
23 09 23 19-0001 Relative Humidity Sensors (23 09 23 19)					
23 09 23 19-0002	EA		3% Duct Mounted RH Sensor (Kele HD30K).....	388.08	60.55
23 09 23 19-0003	EA		10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	397.41	60.55
23 09 23 19-0004	EA		3% RH Outdoor Air Sensor (Kele HO30K).....	461.82	84.10
23 09 23 19-0005	EA		2% Surface Mounted RH Transmitter (Kele HW20K).....	335.07	33.64
23 09 23 21 Motion Instruments (23 09 23)					
23 09 23 21-0001 Peco Motion Sensors (23 09 23 21)					
23 09 23 21-0002	EA		Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	127.50	23.65
23 09 23 21-0003	EA		Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	125.27	23.65
23 09 23 21-0004	EA		Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	162.61	23.65
23 09 23 21-0005	EA		Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	146.13	23.65
23 09 23 21-0006	EA		Door Switch Occupancy Sensor (Peco SE200-001).....	55.58	23.65
23 09 23 21-0007	EA		Window Switch Occupancy Sensor (Peco SE200-002).....	52.51	23.65
23 09 23 21-0008	EA		Power Pack And Controller (Peco SF200-001).....	84.09	23.65
23 09 23 23 Pressure Instruments (23 09 23)					
23 09 23 23-0001 Pressure Sensors (23 09 23 23)					
23 09 23 23-0002	EA		0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005).....	510.15	71.02
23 09 23 23-0003	EA		0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050).....	460.03	71.02
23 09 23 23-0004	EA		0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	217.52	71.02
23 09 23 23-0005	EA		0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	223.34	71.02
23 09 23 23-0006	EA		0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	234.74	71.02
23 09 23 23-0007	EA		0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	221.66	71.02
23 09 23 23-0008	EA		0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA)	1,730.10	71.02
			Note: Excludes pipe fittings.		
23 09 23 23-0009	EA		0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA)	1,730.10	71.02
			Note: Excludes pipe fittings.		
23 09 23 23-0010	EA		Magnahelic Gauge.....	528.85	43.41
23 09 23 23-0011 Room Pressure Monitoring (23 09 23 23)					
23 09 23 23-0012	EA		Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	2,056.40	53.91
23 09 23 23-0013	EA		Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC)..... Note: Excludes dampers and actuators.	3,274.92	53.91
23 09 23 23-0014	EA		Hospital Room Pressure Status Remote Visual Display (TSI 8694-4).....	272.11	32.34
23 09 23 23-0015	EA		Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	311.00	32.34
23 09 23 27 Temperature Instruments (23 09 23)					
23 09 23 27-0001 Air Temperature Sensors (23 09 23 27)					
23 09 23 27-0002	EA		10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24).....	173.15	60.55
23 09 23 27-0003	EA		10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO).....	223.27	60.55
23 09 23 27-0004	EA		10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG).....	178.92	60.55
23 09 23 27-0005	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	184.83	60.55
23 09 23 27-0006	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	186.80	60.55
23 09 23 27-0007	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6).....	184.85	60.55
23 09 23 27-0008	EA		10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	185.90	60.55
23 09 23 27-0009	EA		10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	195.86	60.55
23 09 23 27-0010	EA		10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW).....	204.56	60.55
23 09 23 27-0011	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	256.30	84.10
23 09 23 27-0012	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25).....	263.00	84.10
23 09 23 27-0013	EA		Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF).....	112.41	33.64
23 09 23 27-0014	EA		Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	114.88	33.64
23 09 23 27-0015	EA		Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP).....	108.40	33.64
23 09 23 27-0016 Water Temperature Sensors (23 09 23 27)					
23 09 23 27-0017	EA		5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001).....	135.41	65.07
23 09 23 27-0018	EA		Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005).....	322.96	65.07

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 09 Instrumentation And Control For HVAC

23 09 23 Direct-Digital Control System For HVAC



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 09 23 27-0019	Peco Thermostats <small>(23 09 23 27)</small>		
23 09 23 27-0020	EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ).....	269.02	15.77
23 09 23 27-0021	EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001).....	243.48	15.77

23 09 23 53 Proprietary Control Systems (23 09 23)

23 09 23 53-0001	Johnson Controls <small>(23 09 23 53)</small>		
23 09 23 53-0002	Johnson Controls, Labor <small>(23 09 23 53-0001)</small>		
23 09 23 53-0003	HR Johnson Controls - Programmers/Technician.....	140.00	

23 09 23 53-0004 Johnson Controls, Materials (23 09 23 53-0001)

23 09 23 53-0005	EA APPL&DATA SERV 5 USER NEW (Johnson Controls MS-ADS05U-0).....	11,631.21	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0006	EA CD-R MET APPL&DATA SVR 5 (Johnson Controls MS-ADS05U-6).....	5,582.50	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0007	EA ADS05 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADS05U-SC3).....	7,907.85	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0008	EA ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADS05U-SCS).....	2,909.12	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0009	EA APP&DAT LITE-A SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0).....	1,187.86	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0010	EA APP&DAT LITE-E SVR,5U,NEW (Johnson Controls MS-ADSLE5U-0).....	2,889.87	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0011	EA ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADSONLY-SCS).....	1,628.50	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0012	EA ADVANCED GRAPHIC NEW CD-R (Johnson Controls MS-ADVGRF-0).....	1,502.91	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0013	EA ADVANCED GRAPHICS UPGRADE (Johnson Controls MS-ADVGRF-6).....	420.75	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0014	EA ADX10 W/RAP&SQL2008 NEW (Johnson Controls MS-ADX10SQL-0).....	25,902.37	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0015	EA ADX10 W/SQL2008 UPGRADE (Johnson Controls MS-ADX10SQL-6).....	20,212.05	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0016	EA ADX10 W/SQL2008 MIGRATION (Johnson Controls MS-ADX10SQL-8).....	18,127.42	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0017	EA EXT APP&DATA SRV 10U NEW (Johnson Controls MS-ADX10U-0).....	13,798.44	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0018	EA EXT APP& DATA SRV 10U UP (Johnson Controls MS-ADX10U-6).....	6,625.86	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0019	EA EXT APP&DATA SRV 10U MIG (Johnson Controls MS-ADX10U-8).....	4,691.17	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0020	EA ADX10 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADX10U-SC3).....	9,382.94	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0021	EA ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX10U-SCS).....	3,449.62	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0022	EA ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX25ONL-SCS).....	3,905.14	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0023	EA ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXONLY-SCS).....	1,931.78	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0024	EA EXT APP&DATA SRV 25U NEW (Johnson Controls MS-ADXSWO-0).....	27,893.90	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0025	EA EXT APP&DATA SRV 25U UP (Johnson Controls MS-ADXSWO-6).....	13,389.06	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0026	EA EXT APP&DATA SRV 25U MIG (Johnson Controls MS-ADXSWO-8).....	18,972.83	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0027	EA ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXSWO-SCS).....	6,973.48	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0028	EA ADXSWO W/RAP&SQL2008 NEW (Johnson Controls MS-ADXSWOSQL-0).....	39,997.83	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0029	EA ADXSWO W/SQL2008 UPGRADE (Johnson Controls MS-ADXSWOSQL-6).....	22,007.32	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0030	EA ADXSWO W/SQL08 MIGRATION (Johnson Controls MS-ADXSWOSQL-8).....	33,582.47	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0031	EA PUSH BAR,DOOR,REX SW,36" (Johnson Controls MSB550-2V).....	249.67	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0032	EA TERMINAL MODULE (Johnson Controls MS-BACEOL-0).....	50.70	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0033	EA BATTERY 12V FOR NAE/NIE (Johnson Controls MS-BAT1010-0).....	84.06	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0034	EA BATTERY PACK (Johnson Controls MS-BAT1020-0).....	37.57	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0035	EA BLUETOOTH MSTP INTERFACE (Johnson Controls MS-BTCVT-1).....	455.21	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0036	EA BLUETOOTH MSTP (Johnson Controls MS-BTCVT-1G).....	488.76	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0037	EA MS-NIE5910-0 METASYS NIE (Johnson Controls MS-CIGCUST-0025).....	13,071.26	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0038	EA CUSTOM CIG - SIEMENS (Johnson Controls MS-CIGCUST-0027).....	13,509.12	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0039	EA INTERFACE BUFFER KIT (Johnson Controls MS-CIGCUSTKIT-0).....	792.16	
	Note: Material Only, Excludes Installation.		
23 09 23 53-0040	EA COPY ADS05 USER (Johnson Controls MS-COPY-ADS05U).....	72.59	
	Note: Material Only, Excludes Installation.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0041	EA		COPY ADX10 USER (Johnson Controls MS-COPY-ADX10U) Note: Material Only, Excludes Installation.	72.59	
23 09 23 53-0042	EA		COPY ADXSWO 25 USER (Johnson Controls MS-COPY-ADXSWO)..... Note: Material Only, Excludes Installation.	72.59	
23 09 23 53-0043	EA		COPY EXPORT UTILITY (Johnson Controls MS-COPY-EXPORT)..... Note: Material Only, Excludes Installation.	72.59	
23 09 23 53-0044	EA		COPY SCT (Johnson Controls MS-COPY-SCT) Note: Material Only, Excludes Installation.	72.59	
23 09 23 53-0045	EA		RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0)..... Note: Material Only, Excludes Installation.	198.71	
23 09 23 53-0046	EA		RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0G)..... Note: Material Only, Excludes Installation.	197.40	
23 09 23 53-0047	EA		ENERGY ESSENTIALS (Johnson Controls MS-EREPORT-0) Note: Material Only, Excludes Installation.	1,034.53	
23 09 23 53-0048	EA		ENERGY ESSENTIAL UPGRADE (Johnson Controls MS-EREPORT-6) Note: Material Only, Excludes Installation.	72.59	
23 09 23 53-0049	EA		METASYS SYSTEM (Johnson Controls MS-EXPORT-0) Note: Material Only, Excludes Installation.	1,204.25	
23 09 23 53-0050	EA		EXPORT UT UPGRADE S/W (Johnson Controls MS-EXPORT-6) Note: Material Only, Excludes Installation.	349.26	
23 09 23 53-0051	EA		FEC1611-0, FEC9, W/O (Johnson Controls MS-FEC1611-0) Note: Material Only, Excludes Installation.	300.77	
23 09 23 53-0052	EA		MS-FEC1611-0G (Johnson Controls MS-FEC1611-0G) Note: Material Only, Excludes Installation.	316.73	
23 09 23 53-0053	EA		FEC1621-0 FINAL ASSEMBLY (Johnson Controls MS-FEC1621-0) Note: Material Only, Excludes Installation.	489.51	
23 09 23 53-0054	EA		FEC2611-0,FEC17 (Johnson Controls MS-FEC2611-0) Note: Material Only, Excludes Installation.	433.13	
23 09 23 53-0055	EA		MS-FEC2611-0G (Johnson Controls MS-FEC2611-0G) Note: Material Only, Excludes Installation.	456.08	
23 09 23 53-0056	EA		FEC2621-1,FEC 17 (Johnson Controls MS-FEC2621-0) Note: Material Only, Excludes Installation.	621.86	
23 09 23 53-0057	EA		MS-FEC2621-0G (Johnson Controls MS-FEC2621-0G) Note: Material Only, Excludes Installation.	654.82	
23 09 23 53-0058	EA		CTRL 10 PT,W/ BASE,UL (Johnson Controls MS-FEU1610-0U)..... Note: Material Only, Excludes Installation.	315.68	
23 09 23 53-0059	EA		CTRL 10 PT,W/ BASE,DIS,UL (Johnson Controls MS-FEU1620-0U)..... Note: Material Only, Excludes Installation.	513.73	
23 09 23 53-0060	EA		CTRL 17 PT,W/ BASE,UL (Johnson Controls MS-FEU2610-0U)..... Note: Material Only, Excludes Installation.	454.54	
23 09 23 53-0061	EA		1 PKG OF 10 FUSES (Johnson Controls MS-FUSE01-0) Note: Material Only, Excludes Installation.	27.05	
23 09 23 53-0062	EA		MS GGT-0 GRAPHICS (Johnson Controls MS-GGT-0) Note: Material Only, Excludes Installation.	1,518.54	
23 09 23 53-0063	EA		MS-IOM1711-0 FINAL (Johnson Controls MS-IOM1711-0) Note: Material Only, Excludes Installation.	194.42	
23 09 23 53-0064	EA		MS-IOM1711-0G (Johnson Controls MS-IOM1711-0G) Note: Material Only, Excludes Installation.	204.72	
23 09 23 53-0065	EA		IO MOD 6PT,UL (Johnson Controls MS-IOM2710-0U) Note: Material Only, Excludes Installation.	266.93	
23 09 23 53-0066	EA		MS-IOM2711-0 FINAL (Johnson Controls MS-IOM2711-0) Note: Material Only, Excludes Installation.	243.01	
23 09 23 53-0067	EA		MS-IOM2711-0G (Johnson Controls MS-IOM2711-0G) Note: Material Only, Excludes Installation.	260.63	
23 09 23 53-0068	EA		MS-IOM3711-0,FINAL (Johnson Controls MS-IOM3711-0) Note: Material Only, Excludes Installation.	315.92	
23 09 23 53-0069	EA		MS-IOM3711-0G (Johnson Controls MS-IOM3711-0G) Note: Material Only, Excludes Installation.	332.66	
23 09 23 53-0070	EA		IOM4711,IOM 17 POINT,UL (Johnson Controls MS-IOM4711-0) Note: Material Only, Excludes Installation.	338.40	
23 09 23 53-0071	EA		MS-IOM4711-0G (Johnson Controls MS-IOM4711-0G) Note: Material Only, Excludes Installation.	342.89	
23 09 23 53-0072	EA		MS-LCS8520-0 SERVER (Johnson Controls MS-LCS8520-0)..... Note: Material Only, Excludes Installation.	16,967.53	
23 09 23 53-0073	EA		LCS8520 SOFTWARE UPGRADE (Johnson Controls MS-LCS85SW-6) Note: Material Only, Excludes Installation.	3,820.97	
23 09 23 53-0074	EA		LOCAL DISPL.TERMINAL KIT (Johnson Controls MS-LDT1102-0) Note: Material Only, Excludes Installation.	500.52	
23 09 23 53-0075	EA		METASYS INTEGRATOR (Johnson Controls MS-MIG3520-0)..... Note: Material Only, Excludes Installation.	4,683.47	
23 09 23 53-0076	EA		META INTEGR.R9 PERFORM. (Johnson Controls MS-MIGPST-0) Note: Material Only, Excludes Installation.	277.36	
23 09 23 53-0077	EA		METASYS INTEGR.SW-FACT. (Johnson Controls MS-MIGSWO-0)..... Note: Material Only, Excludes Installation.	496.60	
23 09 23 53-0078	EA		SOFTWARE, METASYS INTEGRA (Johnson Controls MS-MIGSWO-1) Note: Material Only, Excludes Installation.	496.60	
23 09 23 53-0079	EA		ENGINE IMAG SUBSC SVC 3YR (Johnson Controls MS-MULTENG-SC3)..... Note: Material Only, Excludes Installation.	1,567.83	
23 09 23 53-0080	EA		ENGINE IMAGE (Johnson Controls MS-MULTENG-SCS)..... Note: Material Only, Excludes Installation.	594.36	
23 09 23 53-0081	EA		ENGINE IMAGE (Johnson Controls MS-MULTENGSW-6) Note: Material Only, Excludes Installation.	1,080.76	
23 09 23 53-0082	EA		MVE 10 TO 25 USER (Johnson Controls MS-MVE1025U-8) Note: Material Only, Excludes Installation.	10,636.61	
23 09 23 53-0083	EA		MVE 10 USER SW, NEW ORDER (Johnson Controls MS-MVE10U-0)..... Note: Material Only, Excludes Installation.	24,081.08	
23 09 23 53-0084	EA		MVE,UPGRADE,10 (Johnson Controls MS-MVE10U-6) Note: Material Only, Excludes Installation.	7,072.39	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 53-0085	EA	MVE 10 USER SW-SUBSCRIPT (Johnson Controls MS-MVE10U-SCS) Note: Material Only, Excludes Installation.	4,816.36	
23 09 23 53-0086	EA	MVE 25 USER SW, NEW ORDER (Johnson Controls MS-MVE25U-0) Note: Material Only, Excludes Installation.	34,208.73	
23 09 23 53-0087	EA	MVE,UPGRADE,25 (Johnson Controls MS-MVE25U-6) Note: Material Only, Excludes Installation.	9,280.19	
23 09 23 53-0088	EA	MS-MVE25U-SC3,MVE 25 (Johnson Controls MS-MVE25U-SC3) Note: Material Only, Excludes Installation.	20,373.19	
23 09 23 53-0089	EA	MVE 25 USER SW-SUBSCRIPT (Johnson Controls MS-MVE25U-SCS) Note: Material Only, Excludes Installation.	7,224.53	
23 09 23 53-0090	EA	MVE 5 TO 10 USER (Johnson Controls MS-MVE510U-8) Note: Material Only, Excludes Installation.	19,265.43	
23 09 23 53-0091	EA	MVE 5 TO 25 USER (Johnson Controls MS-MVE525U-8) Note: Material Only, Excludes Installation.	29,746.10	
23 09 23 53-0092	EA	MVE 5 USER SW, NEW ORDER (Johnson Controls MS-MVE5U-0) Note: Material Only, Excludes Installation.	4,529.01	
23 09 23 53-0093	EA	MVE,UPGRADE,5 USERS (Johnson Controls MS-MVE5U-6) Note: Material Only, Excludes Installation.	1,330.13	
23 09 23 53-0094	EA	MVE 5 USER SW-SUBSCRIPT (Johnson Controls MS-MVE5U-SCS) Note: Material Only, Excludes Installation.	1,685.73	
23 09 23 53-0095	EA	NAE 1 RS485 50 DEV (Johnson Controls MS-NAE3510-2) Note: Material Only, Excludes Installation.	2,809.62	
23 09 23 53-0096	EA	NAE 50 DEV,N2/MSTP, UL (Johnson Controls MS-NAE3510-2U) Note: Material Only, Excludes Installation.	2,934.19	
23 09 23 53-0097	EA	NAE 1 RS485 50 DEV MODEM (Johnson Controls MS-NAE3511-2) Note: Material Only, Excludes Installation.	2,964.02	
23 09 23 53-0098	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2) Note: Material Only, Excludes Installation.	1,988.61	
23 09 23 53-0099	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2G) Note: Material Only, Excludes Installation.	2,028.39	
23 09 23 53-0100	EA	NAE 1 RS485 50 DEV MDM BA (Johnson Controls MS-NAE3515-2) Note: Material Only, Excludes Installation.	2,141.60	
23 09 23 53-0101	EA	NAE 1 LON (Johnson Controls MS-NAE3520-2) Note: Material Only, Excludes Installation.	2,809.55	
23 09 23 53-0102	EA	MS-NAE3520-2G (Johnson Controls MS-NAE3520-2G) Note: Material Only, Excludes Installation.	2,950.04	
23 09 23 53-0103	EA	NAE 1 LON MODEM (Johnson Controls MS-NAE3521-2) Note: Material Only, Excludes Installation.	3,046.15	
23 09 23 53-0104	EA	NAE 1 LON BA UI (Johnson Controls MS-NAE3524-2) Note: Material Only, Excludes Installation.	1,922.33	
23 09 23 53-0105	EA	NAE 1 LON MDM BA UI (Johnson Controls MS-NAE3525-2) Note: Material Only, Excludes Installation.	2,071.74	
23 09 23 53-0106	EA	NAE 1 RS485 100 DEV 1=10 (Johnson Controls MS-NAE4510-2) Note: Material Only, Excludes Installation.	5,446.86	
23 09 23 53-0107	EA	NAE 100 DEV,N2/MSTP, UL (Johnson Controls MS-NAE4510-2U) Note: Material Only, Excludes Installation.	5,688.34	
23 09 23 53-0108	EA	NAE 1 RS485 100 DEV MODEM (Johnson Controls MS-NAE4511-2) Note: Material Only, Excludes Installation.	5,681.97	
23 09 23 53-0109	EA	NAE 1 LON (Johnson Controls MS-NAE4520-2) Note: Material Only, Excludes Installation.	4,850.18	
23 09 23 53-0110	EA	MS-NAE4521-2 (Johnson Controls MS-NAE4521-2) Note: Material Only, Excludes Installation.	5,086.78	
23 09 23 53-0111	EA	NAE 2-N2/MSTP, UL (Johnson Controls MS-NAE5510-1U) Note: Material Only, Excludes Installation.	8,603.02	
23 09 23 53-0112	EA	NAE55, 2 RS485 (Johnson Controls MS-NAE5510-2) Note: Material Only, Excludes Installation.	8,237.79	
23 09 23 53-0113	EA	NAE55, 2 RS485, BA (Johnson Controls MS-NAE5510-2G) Note: Material Only, Excludes Installation.	8,237.79	
23 09 23 53-0114	EA	FIPS 140-2 Hardened NAE5510 w/ Enclosure (Johnson Controls MS-NAE5510-EER) Note: Material Only, Excludes Installation.	16,464.42	
23 09 23 53-0115	EA	NAE55, 2 RS485, MODEM (Johnson Controls MS-NAE5511-2) Note: Material Only, Excludes Installation.	8,567.04	
23 09 23 53-0116	EA	NAE55, 2 RS485, LON (Johnson Controls MS-NAE5520-2) Note: Material Only, Excludes Installation.	9,164.85	
23 09 23 53-0117	EA	NAE55, 2 RS485, LON, MDM (Johnson Controls MS-NAE5521-2) Note: Material Only, Excludes Installation.	9,487.98	
23 09 23 53-0118	EA	NCM4500 NT CBL KIT (Johnson Controls MS-NC45NTE-0) Note: Material Only, Excludes Installation.	136.79	
23 09 23 53-0119	EA	NCM4500 NT CBL KIT,NORTH (Johnson Controls MS-NC45NTK-0) Note: Material Only, Excludes Installation.	105.10	
23 09 23 53-0120	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0) Note: Material Only, Excludes Installation.	1,728.38	
23 09 23 53-0121	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0G) Note: Material Only, Excludes Installation.	1,762.94	
23 09 23 53-0122	EA	NCE, 33 POINTS, N2, MDM (Johnson Controls MS-NCE2511-0) Note: Material Only, Excludes Installation.	1,787.99	
23 09 23 53-0123	EA	NCE, 33 PNTS, N2, DISPLY (Johnson Controls MS-NCE2516-0) Note: Material Only, Excludes Installation.	1,919.09	
23 09 23 53-0124	EA	NCE, 33 PTS, N2, MDM, DIS (Johnson Controls MS-NCE2517-0) Note: Material Only, Excludes Installation.	1,978.69	
23 09 23 53-0125	EA	NCE, 33 PNTS, LON (Johnson Controls MS-NCE2520-0) Note: Material Only, Excludes Installation.	1,728.38	
23 09 23 53-0126	EA	NCE, 33 PTS, LON, MDM (Johnson Controls MS-NCE2521-0) Note: Material Only, Excludes Installation.	1,787.99	
23 09 23 53-0127	EA	NCE, 33 PNTS, LON, DISPLY (Johnson Controls MS-NCE2526-0) Note: Material Only, Excludes Installation.	1,919.09	
23 09 23 53-0128	EA	NCE, 33 PTS LON, MDM, DIS (Johnson Controls MS-NCE2527-0) Note: Material Only, Excludes Installation.	1,978.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0129	EA		NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0)..... Note: Material Only, Excludes Installation.	1,728.38	
23 09 23 53-0130	EA		NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0G)..... Note: Material Only, Excludes Installation.	1,762.94	
23 09 23 53-0131	EA		NCE 33 PNTS,MSTP UL 864 (Johnson Controls MS-NCE2560-0U) Note: Material Only, Excludes Installation.	1,780.04	
23 09 23 53-0132	EA		NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0)..... Note: Material Only, Excludes Installation.	1,787.99	
23 09 23 53-0133	EA		NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0G) Note: Material Only, Excludes Installation.	1,823.73	
23 09 23 53-0134	EA		NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0) Note: Material Only, Excludes Installation.	1,810.47	
23 09 23 53-0135	EA		NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0G) Note: Material Only, Excludes Installation.	1,846.68	
23 09 23 53-0136	EA		NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0) Note: Material Only, Excludes Installation.	1,866.69	
23 09 23 53-0137	EA		NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0G)..... Note: Material Only, Excludes Installation.	1,904.02	
23 09 23 53-0138	EA		NCM 1 N2 ETH (Johnson Controls MS-NCM4510-2)..... Note: Material Only, Excludes Installation.	7,460.37	
23 09 23 53-0139	EA		NCM LON ETH (Johnson Controls MS-NCM4520-2) Note: Material Only, Excludes Installation.	9,868.22	
23 09 23 53-0140	EA		ETHERNET CARD FOR N30 (Johnson Controls MS-NET1300-0)..... Note: Material Only, Excludes Installation.	375.05	
23 09 23 53-0141	EA		NIE55, N1 (Johnson Controls MS-NIE5510-2) Note: Material Only, Excludes Installation.	8,237.79	
23 09 23 53-0142	EA		NIE55, N1, MODEM (Johnson Controls MS-NIE5511-2)..... Note: Material Only, Excludes Installation.	8,560.69	
23 09 23 53-0143	EA		NIE85 10KOBJT. RACKMOUNT (Johnson Controls MS-NIE8500-0) Note: Material Only, Excludes Installation.	16,283.29	
23 09 23 53-0144	EA		NXE8500 S/W NEW (Johnson Controls MS-NXE85SW-0) Note: Material Only, Excludes Installation.	13,333.66	
23 09 23 53-0145	EA		SOFTWARE UPGRADE (Johnson Controls MS-NXE85SW-6)..... Note: Material Only, Excludes Installation.	3,734.48	
23 09 23 53-0146	EA		8500 SW SUB SER (Johnson Controls MS-NXE85SW-SCS) Note: Material Only, Excludes Installation.	2,521.01	
23 09 23 53-0147	EA		READY ACCESS PORTAL/TYPE (Johnson Controls MS-RAP-0)..... Note: Material Only, Excludes Installation.	1,145.60	
23 09 23 53-0148	EA		METASYS SCT SOFTWARE (Johnson Controls MS-SCTSWO-0)..... Note: Material Only, Excludes Installation.	1,625.82	
23 09 23 53-0149	EA		MET.SYS.CONF.TOOL CD ROM (Johnson Controls MS-SCTSWO-6) Note: Material Only, Excludes Installation.	813.28	
23 09 23 53-0150	EA		CONNECTOR KIT,NAE (Johnson Controls MS-TBKNAE-0)..... Note: Material Only, Excludes Installation.	17.30	
23 09 23 53-0151	EA		MS-THINAPP-0, 10 THIN (Johnson Controls MS-THINAPP-0)..... Note: Material Only, Excludes Installation.	593.93	
23 09 23 53-0152	EA		MS-THINSUP-0 (Johnson Controls MS-THINSUP-0)..... Note: Material Only, Excludes Installation.	197.97	
23 09 23 53-0153	EA		VAV MSTP,CLG,UL (Johnson Controls MS-VMA1610-0U)..... Note: Material Only, Excludes Installation.	291.71	
23 09 23 53-0154	EA		NEXSYS FSC 01, UL (Johnson Controls MS-VMA1620-0U) Note: Material Only, Excludes Installation.	338.66	
23 09 23 53-0155	EA		MS-VMAACT-700 ACT. ASSY (Johnson Controls MS-VMAACT-700)..... Note: Material Only, Excludes Installation.	51.41	
23 09 23 53-0156	EA		WIRELSS FLDBUS COORDINATR (Johnson Controls MS-ZFR1810-0)..... Note: Material Only, Excludes Installation.	326.69	
23 09 23 53-0157	EA		ASSEMBLY SUPERVOSORY (Johnson Controls MS-ZFR1810-0G) Note: Material Only, Excludes Installation.	314.56	
23 09 23 53-0158	EA		WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0) Note: Material Only, Excludes Installation.	110.87	
23 09 23 53-0159	EA		WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0G) Note: Material Only, Excludes Installation.	122.53	
23 09 23 53-0160	EA		CABLE ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRCBL-0) Note: Material Only, Excludes Installation.	16.22	
23 09 23 53-0161	EA		REPEATR ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRRPT-0)..... Note: Material Only, Excludes Installation.	57.20	
23 09 23 53-0162			EMCS General Costs (23 09 23 53)		
23 09 23 53-0163			EMCS System Design Engineering (23 09 23 53-0162)		
			Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 53-0164	HR		EMCS Site Inspection Of Existing Facilities.....	260.18	
23 09 23 53-0165	HR		EMCS Engineering Project Management	260.18	
23 09 23 53-0166	HR		EMCS System Engineering, Schematic Design And Layout	275.95	
23 09 23 53-0167	HR		EMCS System Software Programming And Graphics Programming.....	275.95	
23 09 23 53-0168	HR		EMCS Graphics Picture Creation	177.44	
23 09 23 53-0169	HR		EMCS System Controls Training	260.18	
23 09 23 53-0170	HR		EMCS On Site System Diagnostics Field Technician.....	260.18	
23 09 23 53-0171	HR		EMCS Remote Technical Support Using Phone Or Internet	216.87	
23 09 23 53-0172	HR		EMCS Travel Time (All Personnel).....	224.75	
23 09 23 53-0173			Field Tests, Checkout And Commissioning (23 09 23 53-0162)		
			Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0174	PNT		EMCS Field Test..... Note: Priced per point.	138.02	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

MINOR

TOTAL DIRECT DEMOLITION

CSI UOM DESCRIPTION

UNIT COST

UNIT COST

23 09 23 53-0175	PNT	EMCS Field Checkout And Startup.....	138.02	
		Note: Priced per point.		
23 09 23 53-0176	PNT	EMCS Field Commissioning	138.02	
		Note: Priced per point.		
23 09 23 53-0177	EA	EMCS Field Balance Support	118.26	
		Note: Priced per controller.		

23 09 23 53-0178 EMCS System Engineering/Submittal Design And Layout (23 09 23 53-0162)

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0179	PNT	EMCS System Engineering/Submittal Design And Layout	46.04	
		Note: Priced per point.		

23 09 23 53-0180 Alerton Controls (23 09 23 53)

23 09 23 53-0181	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL).....	9,069.87	
23 09 23 53-0182	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	11,738.31	
23 09 23 53-0183	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM).....	30,169.08	
23 09 23 53-0184	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE).....	22,556.37	
23 09 23 53-0185	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE).....	58,616.54	
23 09 23 53-0186	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE).....	46,162.96	
23 09 23 53-0187	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE).....	70,636.58	
23 09 23 53-0188	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	1,930.45	
23 09 23 53-0189	EA	Enterprise Edition With SQL Server Support, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-ENT1).....	26,611.13	
23 09 23 53-0190	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-LRG).....	19,387.07	
23 09 23 53-0191	EA	150 Controllers, 3 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-MED)	11,682.23	
23 09 23 53-0192	EA	50 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-SM).....	7,102.58	
23 09 23 53-0193	EA	10 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-XS).....	2,707.88	
23 09 23 53-0194	EA	1 Ethernet, 1 MS/TP, BACTalk Control Module (Alerton 715000100).....	4,947.63	252.29
23 09 23 53-0195	EA	Foreign Protocol Converter For P1 Systems, BACTalk Control Module (Alerton BCM-FPCS)	7,324.97	336.39
23 09 23 53-0196	EA	Modbus Gateway, BACTalk Control Module (Alerton BCM-MDBS).....	7,227.20	336.39
23 09 23 53-0197	EA	V.90/56K Modem, BACTalk Control Module (Alerton BCM-MDM).....	2,583.67	252.29
23 09 23 53-0198	EA	1 MS/TP, BACTalk Control Module (Alerton 715000300).....	3,156.63	252.29
23 09 23 53-0199	EA	Power Supply, BACTalk Control Module (Alerton BCM-PWS).....	2,407.37	252.29
23 09 23 53-0200	EA	1 TUX Trunk, BACTalk Control Module (Alerton BCM-TUX)	3,025.22	252.29
23 09 23 53-0201	EA	Web Server And Configurator CD, BACTalk Control Module (Alerton BCM-WEB).....	7,327.59	252.29
23 09 23 53-0202	EA	BACTalk Field Level Gateway For Modbus (Alerton FLG-MODBUS).....	3,248.57	336.39
23 09 23 53-0203	EA	EXP BACnet Controller (Alerton VLX)	7,174.27	672.78
23 09 23 53-0204	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM).....	8,428.38	672.78
23 09 23 53-0205	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,119.00	74.91
23 09 23 53-0206	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,082.84	252.29
23 09 23 53-0207	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7).....	2,215.07	252.29
23 09 23 53-0208	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,758.30	252.29
23 09 23 53-0209	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A).....	1,942.62	252.29
23 09 23 53-0210	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAVIH-SD)	1,934.60	252.29
23 09 23 53-0211	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACTalk Field Controller For Central Plant Systems (Alerton VLC-1188).....	2,992.37	252.29
23 09 23 53-0212	EA	16 Inputs, BACTalk Field Controller (Alerton VLC-1600)	2,263.95	252.29
23 09 23 53-0213	EA	16 Inputs, 16 Binary Triac Outputs, BACTalk Field Controller (Alerton VLC-16160).....	3,420.87	336.39
23 09 23 53-0214	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444).....	1,503.69	168.20
23 09 23 53-0215	EA	5 Inputs, 5 Binary Outputs, BACTalk Field Controller (Alerton VLC-550).....	1,450.79	168.20
23 09 23 53-0216	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACTalk Field Controller (Alerton VLC-651R).....	1,954.63	252.29
23 09 23 53-0217	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACTalk Field Controller (Alerton VLC-660R).....	1,954.63	252.29
23 09 23 53-0218	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACTalk Field Controller (Alerton VLC-853).....	2,381.74	252.29
23 09 23 53-0219	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688).....	4,824.01	336.39
23 09 23 53-0220	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362).....	2,030.76	252.29
23 09 23 53-0221	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS).....	142.34	9.46
23 09 23 53-0222	EA	One-Speed BACTalk Microset Wall Sensor (Alerton MS-1010-BT).....	235.62	9.46
23 09 23 53-0223	EA	One-Speed BACTalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT).....	613.85	9.46
23 09 23 53-0224	EA	Three-Speed BACTalk Microset Wall Sensor (Alerton MS-1030-BT)	613.85	9.46
23 09 23 53-0225	EA	Three-Speed BACTalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT).....	476.03	9.46
23 09 23 53-0226	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT).....	155.49	9.46
23 09 23 53-0227	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT).....	648.31	9.46
23 09 23 53-0228	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT).....	728.46	9.46
23 09 23 53-0229	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0).....	2,984.35	252.29
23 09 23 53-0230	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8).....	3,181.47	252.29
23 09 23 53-0231	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	3,011.60	252.29
23 09 23 53-0232	EA	50 Devices, Ascend Compass 1 Software, Small License (Alerton Compass-1-SM)	6,946.37	
23 09 23 53-0233	EA	Global Controller Base Unit (Alerton ACM).....	3,749.64	252.29
23 09 23 53-0234	EA	External Battery Pack For ACM (Alerton ACM-BATT)	816.89	140.34
23 09 23 53-0235	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	599.27	
23 09 23 53-0236	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	701.28	9.46

23 09 23 53-0237 Automated Logic Controls (23 09 23 53)

23 09 23 53-0238	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100).....	3,382.34	252.29
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0239	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320).....	7,455.16	756.88
23 09 23 53-0240	EA		2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx).....	2,289.28	252.29
23 09 23 53-0241	EA		4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx).....	4,944.84	336.39
23 09 23 53-0242	EA		8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx).....	4,863.27	336.39
23 09 23 53-0243	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160).....	7,768.81	672.78
23 09 23 53-0244	EA		8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx).....	4,333.05	336.39
23 09 23 53-0245	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320).....	4,393.83	252.29
23 09 23 53-0246	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160).....	7,279.38	672.78
23 09 23 53-0247	EA		No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642).....	1,385.79	168.20
23 09 23 53-0248	EA		With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D).....	1,462.58	168.20
23 09 23 53-0249	EA		3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+).....	2,564.19	168.20
23 09 23 53-0250	EA		1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+).....	2,472.42	168.20
23 09 23 53-0251	EA		Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF).....	2,077.19	252.29
23 09 23 53-0252	EA		Unlimited Points, Front End Software For Building Control (Automated Logic WC).....	13,208.87	
23 09 23 53-0253	EA		500 Point, Front End Software For Building Control (Automated Logic WC500).....	8,232.98	
23 09 23 53-0254	EA		Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE).....	11,037.48	
23 09 23 53-0255 Cypress Envirosystems Controls (23 09 23 53)					
23 09 23 53-0256 Wireless Pneumatic Thermostat (23 09 23 53-0255)					
Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.					
23 09 23 53-0257	EA		Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP).....	345.48	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-17.26	
For >200, Deduct				-34.49	
23 09 23 53-0258	EA		Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP).....	345.48	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-17.26	
For >200, Deduct				-34.49	
23 09 23 53-0259	EA		Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP).....	345.48	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-17.26	
For >200, Deduct				-34.49	
23 09 23 53-0260	EA		Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP).....	345.48	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-17.26	
For >200, Deduct				-34.49	
23 09 23 53-0261	EA		Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB).....	391.72	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-19.83	
For >200, Deduct				-39.63	
23 09 23 53-0262	EA		Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB).....	391.72	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-19.83	
For >200, Deduct				-39.63	
23 09 23 53-0263	EA		Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB).....	391.72	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-19.83	
For >200, Deduct				-39.63	
23 09 23 53-0264	EA		Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB).....	401.69	10.51
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-20.39	
For >200, Deduct				-40.74	
23 09 23 53-0265	EA		Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV).....	30.88	10.51
Note: Optional cover.					
For >50 To 200, Deduct				-1.13	
For >200, Deduct				-2.26	
23 09 23 53-0266	EA		Green Box Controller (Cypress Envirosystems GBC-800-001).....	3,808.35	10.51
Note: One unit for up to 100 thermostats.					
For 2, Deduct				-188.37	
For >2, Deduct				-376.39	
23 09 23 53-0267	EA		WPT USB Hub (Cypress Envirosystems WPT-800-HUSB).....	279.35	10.51
Note: One unit for up to 100 thermostats.					
For 2, Deduct				-14.95	
For >2, Deduct				-29.87	
23 09 23 53-0268	EA		WPT Repeater (Cypress Envirosystems WPT-800-RWAL).....	496.11	10.51
Note: One unit for up to 15 thermostats.					
For >5 To 10, Deduct				-24.66	
For >10, Deduct				-49.28	
23 09 23 53-0269	EA		24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V).....	620.91	10.51
Note: One unit for up to 15 thermostats.					
For >5 To 10, Deduct				-28.68	
For >10, Deduct				-57.30	
23 09 23 53-0270 Delta Controls (23 09 23 53)					
23 09 23 53-0271 Software (23 09 23 53-0270)					
Note: Excludes programming, set-up and commissioning of application.					
23 09 23 53-0272	EA		Orca Software Unlimited Points License (Delta Controls DOW333-USB).....	1,543.77	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0273	EA		Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB).....	2,431.98	
23 09 23 53-0274	EA		Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB).....	5,269.29	
23 09 23 53-0275	EA		Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB).....	8,434.38	
23 09 23 53-0276	EA		Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB).....	4,381.08	
23 09 23 53-0277	EA		Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB).....	1,543.77	
23 09 23 53-0278	EA		100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01).....	3,570.42	
23 09 23 53-0279	EA		1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02).....	4,381.08	
23 09 23 53-0280	EA		KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB).....	1,644.59	105.12
23 09 23 53-0281	EA		Delta Controls Touch Screen (Delta Controls DHMI-7-I).....	1,663.37	
23 09 23 53-0282	EMCS Central Equipment And Controllers (23 09 23 53-0270)				
23 09 23 53-0283	EA		Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616)..... Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	6,268.11	420.49
23 09 23 53-0284	EA		Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E).....	4,971.05	420.49
23 09 23 53-0285	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146).....	3,890.85	420.49
23 09 23 53-0286	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180).....	3,890.85	420.49
23 09 23 53-0287	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146).....	3,890.85	420.49
23 09 23 53-0288	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	3,693.31	420.49
23 09 23 53-0289	EA		VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF).....	1,199.70	210.25
23 09 23 53-0290	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,112.55	210.25
23 09 23 53-0291	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	1,170.37	210.25
23 09 23 53-0292	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,112.55	210.25
23 09 23 53-0293	EA		Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616).....	2,348.29	262.81
23 09 23 53-0294	EA		Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440).....	632.98	105.12
23 09 23 53-0295	EA		Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404).....	669.73	105.12
23 09 23 53-0296	EA		Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600).....	765.02	105.12
23 09 23 53-0297	Network, VAV And Special Sensors (23 09 23 53-0270)				
23 09 23 53-0298	EA		BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24).....	193.48	33.64
23 09 23 53-0299	EA		BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24).....	256.74	37.85
23 09 23 53-0300	EA		Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B).....	474.84	15.77
23 09 23 53-0301	Honeywell Controls (23 09 23 53)				
23 09 23 53-0302	EMCS Central Equipment And Controllers (23 09 23 53-0301)				
23 09 23 53-0303	EMCS Network Area Controllers (BACnet Or Lon) (23 09 23 53-0302)				
	Note: Includes loading software, software license, loading data base and mounting on wall.				
23 09 23 53-0304	EA		Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004).....	8,302.55	512.47
23 09 23 53-0305	EA		Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	5,984.81	512.47
23 09 23 53-0306	EA		Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	4,809.84	512.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0307 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	5,744.84	512.47
23 09 23 53-0308 EA Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	4,777.65	512.47
23 09 23 53-0309 EA Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	4,777.65	512.47
23 09 23 53-0310 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,101.02	512.47
23 09 23 53-0311 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,440.49	512.47
23 09 23 53-0312 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,101.02	512.47
23 09 23 53-0313 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,440.49	512.47
23 09 23 53-0314 EA 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,443.41	512.47
23 09 23 53-0315 EA 34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,782.88	512.47
23 09 23 53-0316 EA 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,443.41	512.47
23 09 23 53-0317 EA 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,782.88	512.47
23 09 23 53-0318 EA Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	5,728.74	512.47
23 09 23 53-0319 EA Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only)..... Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBS controllers, capacity is limited by the characteristics of the application including size and complexity.	6,862.74	512.47
23 09 23 53-0320 EA Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,212.45	512.47
23 09 23 53-0321 EA Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ)..... Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBS controllers, capacity is limited by the characteristics of the application including size and complexity.	8,346.44	512.47
23 09 23 53-0322 EA Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBS controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	7,228.54	512.47
23 09 23 53-0323 EA Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACES, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	9,389.72	512.47
23 09 23 53-0324 EMCS Network Interfaces <small>(23 09 23 53-0302)</small> Note: Includes installation, start-up and tech labor.		
23 09 23 53-0325 EA Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,130.56	141.92
23 09 23 53-0326 EA Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009)..... Note: For laptop computer.	973.27	94.61
23 09 23 53-0327 EA FTT-10 To FTT-10 Router (Honeywell Q7751A2010) Note: For desktop computer.	1,256.14	177.44
23 09 23 53-0328 EA 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002) Note: For desktop computer.	1,864.11	256.29
23 09 23 53-0329 EA Two Way Lon Repeater (Honeywell Q7740A1008) Note: For desktop computer.	1,016.90	256.29
23 09 23 53-0330 EA FTT Termination Module For Network Bus (Honeywell 209541B)..... Note: For desktop computer.	83.32	31.54

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 09 Instrumentation And Control For HVAC

23 09 23 Direct-Digital Control System For HVAC



TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR
CSI UOM DESCRIPTION

23 09 23 53-0331 DDC Application Specific Controller Assemblies (23 09 23 53-0302)
 Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.

23 09 23 53-0332	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,970.16	733.23
23 09 23 53-0333	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,575.95	434.15
23 09 23 53-0334	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,135.73	733.23
23 09 23 53-0335	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,741.52	477.25
23 09 23 53-0336	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,340.01	816.06
23 09 23 53-0337	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,044.29	611.82
23 09 23 53-0338	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,919.44	816.06
23 09 23 53-0339	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,505.58	624.43
23 09 23 53-0340	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,777.28	816.06
23 09 23 53-0341	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,383.07	482.51
23 09 23 53-0342	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,994.16	816.06
23 09 23 53-0343	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,599.84	543.49
23 09 23 53-0344	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,279.91	816.06
23 09 23 53-0345	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,877.82	481.46
23 09 23 53-0346	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,496.78	816.06
23 09 23 53-0347	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,094.58	542.43
23 09 23 53-0348	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	2,806.47	816.06
23 09 23 53-0349	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	2,447.79	521.41
23 09 23 53-0350	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	3,240.21	816.06
23 09 23 53-0351	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,881.42	610.76

23 09 23 53-0352 DDC Programmable Controller Assemblies (23 09 23 53-0302)
 Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0359 for additional components.

23 09 23 53-0353	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	2,050.44	626.84
23 09 23 53-0354	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	2,327.88	626.84
23 09 23 53-0355	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	3,041.52	737.22
23 09 23 53-0356	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	3,318.96	737.22
23 09 23 53-0357	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	5,334.36	863.37
23 09 23 53-0358	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	5,655.07	863.37

23 09 23 53-0359 EMCS Optional DDC Controller Hardware (23 09 23 53-0302)
 Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 53-0360	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005).....	333.61	
23 09 23 53-0361	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	385.56	
23 09 23 53-0362	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001).....	403.85	
23 09 23 53-0363	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	381.17	
23 09 23 53-0364	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016).....	387.02	
23 09 23 53-0365	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	378.24	
23 09 23 53-0366	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	325.57	
23 09 23 53-0367	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004).....	283.13	
23 09 23 53-0368	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002).....	414.82	
23 09 23 53-0369	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000).....	370.93	
23 09 23 53-0370	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	409.70	
23 09 23 53-0371	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	869.88	
23 09 23 53-0372	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	1,082.05	
23 09 23 53-0373	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	540.66	
23 09 23 53-0374	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010).....	532.61	
23 09 23 53-0375	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027).....	261.18	
23 09 23 53-0376	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	297.03	
23 09 23 53-0377	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001).....	548.71	
23 09 23 53-0378	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001).....	586.75	
23 09 23 53-0379	EA	AI Module (Honeywell XFL521B).....	367.27	
23 09 23 53-0380	EA	AO Module (Honeywell XFL522B).....	367.27	
23 09 23 53-0381	EA	DI Module (Honeywell XFL523B).....	367.27	
23 09 23 53-0382	EA	DO Module (Honeywell XFL524B).....	367.27	
23 09 23 53-0383	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511).....	65.11	
23 09 23 53-0384	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513).....	122.91	
23 09 23 53-0385	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514).....	120.72	
23 09 23 53-0386	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI).....	369.46	
23 09 23 53-0387	EA	Lon Hub (Honeywell XIO-HUB).....	54.87	
23 09 23 53-0388	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	369.46	
23 09 23 53-0389	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI).....	340.20	
23 09 23 53-0390	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	340.20	
23 09 23 53-0391	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	358.49	
23 09 23 53-0392	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000).....	358.49	
23 09 23 53-0393	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI).....	515.79	
23 09 23 53-0394	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	608.70	
23 09 23 53-0395	EA	Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs. 34 Point IO Module For Network Area Controllers (Honeywell W7750A2005).....	1,293.49	
		Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		

23 09 23 53-0396 EMCS Software (23 09 23 53-0301)

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 23 53-0397		Software Packages And License (23 09 23 53-0396) Note: Includes installation on equipment.		
23 09 23 53-0398	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....412.63 Note: Requires UI services to be installed on NAC.	412.63	
23 09 23 53-0399	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....1,646.35 Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	1,646.35	
23 09 23 53-0400	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX).....4,609.14 Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	4,609.14	
23 09 23 53-0401	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....2,743.54 Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	2,743.54	
23 09 23 53-0402	EA	Upgrade Small Building To Large Building Software .....3,182.73 Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	3,182.73	
23 09 23 53-0403	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) .....2,273.90 Note: One copy is included with WEB-S-AX and WEBStation-AX.	2,273.90	
23 09 23 53-0404	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) .....3,989.52 Note: Includes license for 10 points of E ² Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E ² Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	3,989.52	
23 09 23 53-0405	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E ² Profiler Points (Honeywell WES-CP-AX) .....591.19 Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	591.19	
23 09 23 53-0406	EA	Perpetual License For One Point Of E ² Profiler (Honeywell WES-E2-AX).....419.27 Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	419.27	
23 09 23 53-0407	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters.....21,258.44 Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	21,258.44	
23 09 23 53-0408	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX).....19,416.07 Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	19,416.07	
23 09 23 53-0409	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX) .....7,349.75	7,349.75	
23 09 23 53-0410	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS).....5,484.15	5,484.15	
23 09 23 53-0411	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500).....1,585.40	1,585.40	
23 09 23 53-0412	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500) .....1,585.40	1,585.40	
23 09 23 53-0413	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL).....10,974.15 Note: Excludes Oracle.	10,974.15	
23 09 23 53-0414	EA	Open System Driver Option (Honeywell WS-SNMP-500).....1,463.22 Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchased with the WS or added later. Web Supervisor required to purchase this option.	1,463.22	
23 09 23 53-0415	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500) .....1,585.40	1,585.40	
23 09 23 53-0416	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003).....4,146.03 Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	4,146.03	
23 09 23 53-0417	EA	WEBStation Additional Node (Honeywell ZW2000B1002) .....1,585.40	1,585.40	
23 09 23 53-0418	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001) .....26,582.32	26,582.32	
23 09 23 53-0419	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000) .....48,774.24	48,774.24	
23 09 23 53-0420	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009) .....85,354.74	85,354.74	
23 09 23 53-0421	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....4,389.66	4,389.66	
23 09 23 53-0422	EA	Additional Master WEBStation Software Licenses (Honeywell ZW2000G1007).....2,194.83	2,194.83	
23 09 23 53-0423	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....1,823.22	1,823.22	
23 09 23 53-0424	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055).....1,975.57 Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	1,975.57	
23 09 23 53-0425		Initial Database Generation (23 09 23 53-0396)		
23 09 23 53-0426	PNT	Database Generation For Central Plant.....70.54	70.54	
23 09 23 53-0427	PNT	Database Generation For Programmable Controller .....70.54 Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	70.54	
23 09 23 53-0428	EA	Database Generation For Application Specific Controller .....70.54 Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	70.54	
23 09 23 53-0429	EA	Replication Of Database Generation For Application Specific Controller .....49.09 Note: Price per copy made.	49.09	
23 09 23 53-0430	EA	Database Generation For Remote IO Modules, Sensors, Etcetera .....49.09	49.09	
23 09 23 53-0431		Application Software Programs (23 09 23 53-0396)		
23 09 23 53-0432	EA	Basic Application Program Package.....2,943.42 Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	2,943.42	
23 09 23 53-0433	EA	Optimum Start/Stop Program.....98.39 Note: Priced per controller requiring optimum start programming.	98.39	
23 09 23 53-0434	EA	Duty Cycling Program.....46.46	46.46	
23 09 23 53-0435	EA	Hot Deck/Cold Deck Reset Application Program .....5,056.69	5,056.69	
23 09 23 53-0436	EA	Boiler Optimization Program .....6,626.49	6,626.49	
23 09 23 53-0437	EA	Chiller Optimization Program .....8,976.24	8,976.24	
23 09 23 53-0438	EA	Lighting Control Program .....4,331.59	4,331.59	
23 09 23 53-0439	EA	Demand Limiting Program .....86.30 Note: Priced per controller requiring optimum start programming.	86.30	
23 09 23 53-0440	EA	Email Alarm Server Configuration.....3,341.64	3,341.64	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 09 Instrumentation And Control For HVAC

23 09 23 Direct-Digital Control System For HVAC



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for Item ID, Description, Unit of Measure, and Unit Cost. Includes sections for Color Graphics Generation, Sensors, Actuators And Control Devices, Special Sensors, Meters, Direct Coupled Actuators, and Thermostats.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0496	EA		Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321).....	266.82	15.77
23 09 23 53-0497	EA		Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	375.43	15.77
23 09 23 53-0498	EA		Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	590.18	15.77
23 09 23 53-0499	EA		Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M).....	627.49	15.77
23 09 23 53-0500			Pneumatic Thermostats <small>(23 09 23 53-0489)</small> Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0501	EA		Pneumatic Thermostat (Honeywell TP970B2182).....	210.01	15.77
23 09 23 53-0502			Thermostats Guards <small>(23 09 23 53-0489)</small>		
23 09 23 53-0503	EA		9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	54.01	15.77
23 09 23 53-0504	EA		7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511).....	62.68	15.77
23 09 23 53-0505	EA		5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	59.56	15.77
23 09 23 53-0506			Johnson Controls <small>(23 09 23 53)</small>		
23 09 23 53-0507			Software <small>(23 09 23 53-0506)</small> Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0508	EA		5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	11,850.58	
23 09 23 53-0509	EA		10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	13,997.60	
23 09 23 53-0510	EA		N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	781.73	
23 09 23 53-0511	EA		N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	1,135.56	
23 09 23 53-0512	EA		BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	1,938.24	
23 09 23 53-0513	EA		BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	787.72	
23 09 23 53-0514	EA		New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0).....	784.20	
23 09 23 53-0515	EA		Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6).....	346.11	
23 09 23 53-0516			Supervisory Controllers <small>(23 09 23 53-0506)</small>		
23 09 23 53-0517	EA		NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	6,133.65	420.49
23 09 23 53-0518	EA		NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	8,965.20	420.49
23 09 23 53-0519	EA		NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	11,803.03	420.49
23 09 23 53-0520	EA		NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	5,042.94	420.49
23 09 23 53-0521			Controllers <small>(23 09 23 53-0506)</small>		
23 09 23 53-0522	EA		10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	721.39	105.12
23 09 23 53-0523	EA		10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	910.19	210.25
23 09 23 53-0524	EA		17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	1,274.28	210.25
23 09 23 53-0525	EA		17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,463.08	210.25
23 09 23 53-0526	EA		BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	613.07	105.12
23 09 23 53-0527	EA		BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	661.21	105.12
23 09 23 53-0528	EA		BACnet MS/TP 12 Point I/O Module With 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	733.43	105.12
23 09 23 53-0529	EA		17 Point I/O Module With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	743.05	105.12
23 09 23 53-0530	EA		BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	1,512.21	210.25
23 09 23 53-0531	EA		32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0).....	730.85	105.12
23 09 23 53-0532	EA		32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0)..... Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,006.04	105.12
23 09 23 53-0533			Master FX Controllers <small>(23 09 23 53-0506)</small>		
23 09 23 53-0534	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	1,844.38	210.25
23 09 23 53-0535	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	1,958.58	210.25
23 09 23 53-0536	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	2,015.33	210.25
23 09 23 53-0537	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	1,980.84	210.25
23 09 23 53-0538	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	1,926.95	210.25

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 09 Instrumentation And Control For HVAC

23 09 23 Direct-Digital Control System For HVAC



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0539	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	1,935.59	210.25
23 09 23 53-0540	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	1,926.95	210.25
23 09 23 53-0541	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	1,958.71	210.25
23 09 23 53-0542	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	2,057.33	210.25
23 09 23 53-0543	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	2,123.08	210.25
23 09 23 53-0544	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	2,090.20	210.25
23 09 23 53-0545	EA		6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C).....	2,022.91	210.25
23 09 23 53-0546	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C).....	1,958.71	210.25
23 09 23 53-0547	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C).....	2,057.33	210.25
23 09 23 53-0548	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C).....	2,123.08	210.25
23 09 23 53-0549	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C).....	2,090.20	210.25
23 09 23 53-0550	EA		6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C).....	2,022.91	210.25
23 09 23 53-0551	EA		N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C).....	221.61	52.56
23 09 23 53-0552	EA		LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C).....	302.52	52.56
23 09 23 53-0553	EA		RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C).....	244.32	52.56
23 09 23 53-0554	EA		BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C).....	221.61	52.56
23 09 23 53-0555	EA		Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C).....	604.99	52.56
23 09 23 53-0556	EA		Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C).....	563.37	52.56
23 09 23 53-0557	EA		5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C).....	573.12	52.56
23 09 23 53-0558	EA		5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C).....	573.12	52.56
23 09 23 53-0559	EA		5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C).....	621.80	52.56
23 09 23 53-0560	EA		5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C).....	621.80	52.56
23 09 23 53-0561	EA		6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C).....	761.74	52.56
23 09 23 53-0562	EA		6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C).....	761.74	52.56
23 09 23 53-0563	EA		6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C).....	840.84	52.56
23 09 23 53-0564	EA		6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C).....	840.84	52.56
23 09 23 53-0565	VAV, Network And Special Sensors (23 09 23 53-0506)				
23 09 23 53-0566	EA		3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	384.13	33.64
23 09 23 53-0567	EA		3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	145.40	33.64
23 09 23 53-0568	EA		3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	303.03	33.64
23 09 23 53-0569	EA		3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	440.69	33.64
23 09 23 53-0570	EA		3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	163.27	33.64
23 09 23 53-0571	EA		3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0).....	401.88	33.64
23 09 23 53-0572	Sensors - Hard Wired Type (23 09 23 53-0506)				
23 09 23 53-0573	EA		Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	162.15	60.55
23 09 23 53-0574	EA		Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	124.96	33.64
23 09 23 53-0575	EA		BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2).....	304.61	15.77
23 09 23 53-0576	EA		Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment. BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2).....	403.42	15.77
23 09 23 53-0577	EA		Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability. BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2).....	305.15	15.77
23 09 23 53-0578	EA		Note: For VVT systems. BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2).....	393.06	33.64
23 09 23 53-0579	EA		BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR).....	478.57	33.64
23 09 23 53-0580	Melink Intelli-Hood IH3 Controls (23 09 23 53)				
23 09 23 53-0581	Kitchen Ventilation Controllers (23 09 23 53-0580)				
23 09 23 53-0582	EA		Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001).....	6,960.96	420.49
23 09 23 53-0583	EA		Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points include: 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up. Graphical User Interface (Melink Intelli-Hood 2KPD-3001).....	1,205.38	86.73
			Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.		

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0584	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	2,155.87	350.05
23 09 23 53-0585 Kitchen Ventilation Sensors (23 09 23 53-0580)				
23 09 23 53-0586	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q)..... Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	378.07	60.55
23 09 23 53-0587	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	3,107.66	336.39
23 09 23 53-0588 Siemens Controls (23 09 23 53)				
23 09 23 53-0589	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083).....	294.87	15.77
23 09 23 53-0590	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085).....	215.62	15.77
23 09 23 53-0591	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575).....	250.04	71.02
23 09 23 53-0592	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591).....	351.22	71.02
23 09 23 53-0593	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685).....	48.78	10.51
23 09 23 53-0594	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001).....	165.29	105.12
23 09 23 53-0595	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012).....	261.26	17.79
23 09 23 53-0596	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079).....	461.48	32.30
23 09 23 53-0597	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203).....	905.86	32.30
23 09 23 53-0598	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006).....	775.79	40.92
23 09 23 53-0599	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36).....	242.33	60.55
23 09 23 53-0600	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768).....	190.51	33.64
23 09 23 53-0601	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C).....	1,114.07	168.20
23 09 23 53-0602	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143).....	71.93	5.26
23 09 23 53-0603	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800).....	1,246.59	168.20
23 09 23 53-0604	EA	MMI Extension Cable (Siemens 545-712).....	172.06	5.26
23 09 23 53-0605	EA	Remote Pressure Transmitter (Siemens 547-003).....	890.33	33.64
23 09 23 53-0606	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400).....	618.85	84.10
23 09 23 53-0607	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433).....	512.25	84.10
23 09 23 53-0608	EA	Door Lock And Key Assembly (Siemens 567-225).....	31.89	21.02
23 09 23 53-0609	EA	Insight Advanced Software Package (Siemens 571-010-381-USB)..... Note: Includes one user license and one sentinel key.	8,861.82	
23 09 23 53-0610	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188).....	413.11	
23 09 23 53-0611	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620).....	2,033.11	
23 09 23 53-0612	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059).....	307.32	10.74
23 09 23 53-0613	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03062).....	641.01	18.62
23 09 23 53-0614	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C).....	9,043.32	420.49
23 09 23 53-0615	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F).....	10,068.25	420.49
23 09 23 53-0616	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U).....	115.31	15.77
23 09 23 53-0617	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxillary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U).....	487.52	88.95
23 09 23 53-0618	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U).....	505.31	88.95
23 09 23 53-0619	EA	License To Enable 4 TX-I/O Modules On The Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A).....	2,546.69	
23 09 23 53-0620	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN).....	514.24	
23 09 23 53-0621	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A).....	1,655.05	
23 09 23 53-0622	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB).....	1,184.78	
23 09 23 53-0623	EA	License To Enable 4 TX-I/O Modules On The Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A).....	1,018.50	
23 09 23 53-0624	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP).....	3,011.14	
23 09 23 53-0625	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M).....	485.60	2.11
23 09 23 53-0626	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR).....	541.16	8.41
23 09 23 53-0627	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M).....	277.53	2.11
23 09 23 53-0628	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18).....	352.30	21.02
23 09 23 53-0629	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19).....	552.00	21.02
23 09 23 53-0630	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34).....	727.38	21.02
23 09 23 53-0631	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5).....	30.65	10.51
23 09 23 53-0632	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA).....	699.01	52.56
23 09 23 53-0633	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA).....	984.79	52.56
23 09 23 53-0634	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA).....	804.30	52.56
23 09 23 53-0635	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA).....	1,105.13	52.56
23 09 23 53-0636	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A).....	5,441.75	588.69
23 09 23 53-0637	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A).....	4,093.69	168.20
23 09 23 53-0638	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A).....	7,079.80	672.78
23 09 23 53-0639	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A).....	2,546.33	315.37
23 09 23 53-0640	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A).....	2,750.34	315.37
23 09 23 53-0641	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A).....	2,615.16	315.37
23 09 23 53-0642	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A).....	3,128.97	336.39

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
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23 09 23 53-0643	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	3,269.84	336.39
23 09 23 53-0644	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	3,234.89	336.39
23 09 23 53-0645	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,361.10	336.39
23 09 23 53-0646	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	3,231.71	336.39
23 09 23 53-0647	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,360.24	336.39
23 09 23 53-0648	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	5,127.70	588.69
23 09 23 53-0649	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,794.87	672.78
23 09 23 53-0650	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	764.03	
23 09 23 53-0651	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	478.37	42.05
23 09 23 53-0652	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	606.12	84.10
23 09 23 53-0653	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3)	538.05	21.02
		Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported		
23 09 23 53-0654	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	286.57	60.55
23 09 23 53-0655	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	193.55	33.64
23 09 23 53-0656	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	131.30	33.64
23 09 23 53-0657	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	177.47	60.55
23 09 23 53-0658	EA	24" Flexible Averaging Probe (Siemens QAM2012.750)	262.43	60.55
23 09 23 53-0659	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	214.45	60.55
23 09 23 53-0660	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	2,229.94	338.71
23 09 23 53-0661	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	28.49	10.51
23 09 23 53-0662	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.50	
23 09 23 53-0663	EA	16 Digital Input Module (Siemens TXM1.16D)	413.25	10.51
23 09 23 53-0664	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	607.90	10.51
23 09 23 53-0665	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	955.26	21.02
23 09 23 53-0666	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	356.44	33.64

23 09 23 53-0667 Trane Controls (23 09 23 53)**23 09 23 53-0668 Software** (23 09 23 53-0667)

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0669	EA	Summit + Building Management Package (Trane 40201152)	4,457.92	
23 09 23 53-0670	EA	Summit Current Version Software (Trane 40201111)	2,561.50	
23 09 23 53-0671	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	593.84	
23 09 23 53-0672	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	2,547.68	
23 09 23 53-0673	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	6,855.76	

23 09 23 53-0674 EMCS Central Equipment And Controllers (23 09 23 53-0667)

23 09 23 53-0675	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	4,824.31	420.49
23 09 23 53-0676	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	9,643.79	420.49
23 09 23 53-0677	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	9,643.79	420.49
23 09 23 53-0678	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	8,597.31	420.49
23 09 23 53-0679	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	9,814.04	420.49
23 09 23 53-0680	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	165.70	26.28
23 09 23 53-0681	EA	Summit Comm5 Repeater (Trane 49500457)	1,287.56	210.25
23 09 23 53-0682	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,071.42	262.81
23 09 23 53-0683	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	2,630.94	315.37
23 09 23 53-0684	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,147.38	315.37
23 09 23 53-0685	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,874.56	315.37
23 09 23 53-0686	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	1,872.44	315.37
23 09 23 53-0687	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	799.31	105.12
23 09 23 53-0688	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	739.20	105.12
23 09 23 53-0689	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,358.24	210.25
23 09 23 53-0690	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,308.39	210.25
23 09 23 53-0691	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	717.18	105.12
23 09 23 53-0692	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	644.80	105.12
23 09 23 53-0693	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	895.28	105.12
23 09 23 53-0694	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	823.30	105.12
23 09 23 53-0695	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	723.63	105.12
23 09 23 53-0696	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	695.71	105.12
23 09 23 53-0697	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	780.86	105.12
23 09 23 53-0698	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	723.63	105.12
23 09 23 53-0699	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,085.87	210.25
23 09 23 53-0700	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,157.05	210.25

23 09 23 53-0701 Network, VAV And Special Sensors (23 09 23 53-0667)

23 09 23 53-0702	EA	Digital Display Zone Sensor (Trane X13790464010)	166.15	33.64
23 09 23 53-0703	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	119.51	33.64
23 09 23 53-0704	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	111.64	33.64
23 09 23 53-0705	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	201.95	37.85
23 09 23 53-0706	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	130.24	33.64
23 09 23 53-0707	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	130.24	33.64
23 09 23 53-0708	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	410.45	60.55
23 09 23 53-0709	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	358.92	33.64
23 09 23 53-0710	EA	Transformer 120/24 40 VA (Trane X13550284010)	107.70	33.64
23 09 23 53-0711	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	104.89	33.64
23 09 23 53-0712	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	100.40	33.64
23 09 23 53-0713	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,185.00	210.25
23 09 23 53-0714	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,146.60	210.25

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 09 Instrumentation And Control For HVAC

23 09 23 Direct-Digital Control System For HVAC

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23 09 23 53-0785	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	178.49	33.64
23 09 23 53-0786	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	168.68	33.64
23 09 23 53-0787	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	173.32	33.64
23 09 23 53-0788	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	169.19	33.64
23 09 23 53-0789	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	176.11	33.64
23 09 23 53-0790	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	138.01	33.64

23 09 23 53-0791 Control Damper Actuators (23 09 23 53-0737)

23 09 23 53-0792	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	422.53	89.08
23 09 23 53-0793	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	451.70	89.08
23 09 23 53-0794	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	499.48	89.08
23 09 23 53-0795	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	522.31	89.08
23 09 23 53-0796	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	535.85	89.08
23 09 23 53-0797	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	589.12	89.08

23 09 43 Pneumatic Control System For HVAC (23 09)

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices (23 09 43)

23 09 43 00-0002 Polyurethane Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.01	0.84
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.42	0.86
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.01	0.89
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.68	0.92

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.86	0.84
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.97	0.86
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.19	0.89
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.60	0.92

23 09 43 00-0012 Nylon Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.08	0.81
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	2.60	0.84
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	3.68	0.89
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	4.57	0.92

23 09 43 00-0017 Flexible Vinyl Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.06	0.84
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.03	0.89
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.55	0.92
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.21	0.95
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.69	0.98
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.21	1.00

23 09 43 00-0024 Braided Vinyl Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	2.66	0.95
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	3.01	0.98
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	3.62	1.00

23 09 43 00-0028 Copper Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	4.14	1.83
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	4.92	2.10
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	5.68	2.41
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	6.80	2.78
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	7.79	3.19

23 09 43 00-0034 Brass Couplings (23 09 43 00-0001)

See CSI section 22 11 16 00-0368 for copper tubing.

23 09 43 00-0035 Straight Brass Couplings (23 09 43 00-0034)

Note: Barb x Barb

23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	9.73	4.60
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	9.81	4.60
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	9.90	4.60

23 09 43 00-0039 Elbow Brass Couplings (23 09 43 00-0034)

Note: Barb x Barb

23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	10.20	4.60
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	10.48	4.60

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 43 00-0042	Tee Brass Couplings (23 09 43 00-0034) Note: Barb x Barb		
23 09 43 00-0043 EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	15.63	7.16
23 09 43 00-0044 EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	17.67	7.67
23 09 43 00-0045 EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	17.37	7.67

23 10 Facility Fuel Systems (23)

23 11 Facility Fuel Piping (23 10)

23 11 23 Facility Natural-Gas Piping (23 11)

23 11 23 00-0001	Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping (23 11 23)		
23 11 23 00-0002	Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0001) Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003 LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.26	1.80
23 11 23 00-0004 LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.77	1.94
23 11 23 00-0005 LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.87	2.10
23 11 23 00-0006 LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.62	2.22
23 11 23 00-0007 LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.11	2.33
23 11 23 00-0008 LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	15.22	2.43
23 11 23 00-0009 LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	20.53	2.58

23 11 23 00-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0001)

23 11 23 00-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)

23 11 23 00-0012 EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.14
23 11 23 00-0013 EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.14
23 11 23 00-0014 EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.94
23 11 23 00-0015 EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.94
23 11 23 00-0016 EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.19
23 11 23 00-0017 EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.81
23 11 23 00-0018 EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.81
23 11 23 00-0019 EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.38
23 11 23 00-0020 EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	132.98
23 11 23 00-0021 EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	214.29

23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)

23 11 23 00-0023 EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.38
23 11 23 00-0024 EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.94
23 11 23 00-0025 EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.94
23 11 23 00-0026 EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.19
23 11 23 00-0027 EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.19
23 11 23 00-0028 EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.96
23 11 23 00-0029 EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.96

23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)

23 11 23 00-0031 EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.64
23 11 23 00-0032 EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.64

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)

23 11 23 00-0034 EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.32
23 11 23 00-0035 EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.91
23 11 23 00-0036 EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	46.06
23 11 23 00-0037 EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.46
23 11 23 00-0038 EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	121.24
23 11 23 00-0039 EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	235.13
23 11 23 00-0040 EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	389.33

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)

23 11 23 00-0042 EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	46.18
23 11 23 00-0043 EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.25
23 11 23 00-0044 EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	114.96

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	196.40	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	211.09	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	242.13	
23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	30.05	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.11	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.81	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	45.04	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	45.67	
23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	32.98	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.92	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.77	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	46.71	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	46.71	
23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.03	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.38	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.96	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.61	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.96	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	131.16	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	162.32	
23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.88	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.17	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	62.82	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	111.02	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	114.55	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	156.35	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	196.44	
23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.99	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.50	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.72	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	78.78	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	151.48	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	240.15	
23 11 23 00-0083 Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)				
Note: Includes mounting plate.				
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	27.64	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	30.10	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.67	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.76	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.96	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.25	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.00	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.68	18.84
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	87.53	19.77
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	56.19	16.48
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	65.44	19.59
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	80.23	23.55
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	100.66	31.45
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	68.91	19.59
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	78.41	23.55
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	73.60	19.59
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	81.45	23.55
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	157.47	58.86
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	72.70	19.59
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	72.70	19.59
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	100.74	19.59
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.59	23.55
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.59	23.55
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.28	31.45
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	184.09	35.31
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	95.78	19.59
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	235.57	23.55
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	569.48	35.31
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) <small>(23 11 23)</small>		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12).....	44.48	14.13
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18).....	49.33	15.07
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24).....	53.95	15.07
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30).....	56.77	16.01
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36).....	60.43	16.01
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48).....	69.01	16.95
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60).....	76.76	16.95
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72).....	84.42	17.89
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12).....	44.48	14.13
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18).....	49.33	15.07
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24).....	53.95	15.07
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30).....	56.77	16.01
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36).....	60.43	16.01
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48).....	69.01	16.95
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60).....	76.76	16.95

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72).....	84.42	17.89
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12).....	44.48	14.13
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18).....	49.33	15.07
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24).....	53.95	15.07
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30).....	56.77	16.01
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36).....	60.43	16.01
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48).....	69.01	16.95
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60).....	76.76	16.95
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72).....	84.42	17.89
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12).....	44.48	14.13
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18).....	49.33	15.07
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24).....	66.28	15.07
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30).....	56.77	16.01
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36).....	60.43	16.01
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48).....	69.01	16.95
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60).....	76.76	16.95
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72).....	84.42	17.89
23 11 23 00-0153		3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12).....	49.24	14.13
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18).....	55.23	15.07
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24).....	53.95	15.07
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30).....	64.31	16.01
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36).....	60.43	16.01
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48).....	69.01	16.95
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60).....	76.76	16.95
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72).....	84.42	17.89
23 11 23 00-0162		3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12).....	44.48	14.13
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24).....	60.93	15.07
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30).....	56.77	16.01
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36).....	60.43	16.01
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48).....	69.01	16.95
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60).....	89.32	16.95
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72).....	84.42	17.89
23 11 23 00-0170		3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12).....	44.48	14.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0172	EA		18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18).....	49.33	15.07
23 11 23 00-0173	EA		24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24).....	53.95	15.07
23 11 23 00-0174	EA		30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30).....	56.77	16.01
23 11 23 00-0175	EA		36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36).....	60.43	16.01
23 11 23 00-0176	EA		48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48).....	69.01	16.95
23 11 23 00-0177	EA		60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60).....	76.76	16.95
23 11 23 00-0178	EA		72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72).....	84.42	17.89
23 11 23 00-0179			3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0180	EA		12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12).....	44.48	14.13
23 11 23 00-0181	EA		18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18).....	49.33	15.07
23 11 23 00-0182	EA		24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24).....	53.95	15.07
23 11 23 00-0183	EA		30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30).....	56.77	16.01
23 11 23 00-0184	EA		36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36).....	60.43	16.01
23 11 23 00-0185	EA		48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48).....	69.01	16.95
23 11 23 00-0186	EA		60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60).....	76.76	16.95
23 11 23 00-0187	EA		72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72).....	84.42	17.89
23 11 23 00-0188			3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0189	EA		18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18).....	55.23	15.07
23 11 23 00-0190	EA		24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24).....	53.95	15.07
23 11 23 00-0191	EA		30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30).....	64.31	16.01
23 11 23 00-0192	EA		36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36).....	68.76	16.01
23 11 23 00-0193	EA		48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48).....	79.58	16.95
23 11 23 00-0194			1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0195	EA		12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12).....	44.48	14.13
23 11 23 00-0196	EA		18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18).....	49.33	15.07
23 11 23 00-0197	EA		24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24).....	49.01	15.07
23 11 23 00-0198	EA		30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30).....	56.77	16.01
23 11 23 00-0199	EA		36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36).....	54.53	16.01
23 11 23 00-0200	EA		48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48).....	70.81	16.95
23 11 23 00-0201	EA		60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60).....	76.76	16.95
23 11 23 00-0202	EA		72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72).....	84.42	17.89
23 11 23 00-0203			1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0204	EA		12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12).....	44.48	14.13
23 11 23 00-0205	EA		18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18).....	45.31	15.07
23 11 23 00-0206	EA		24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24).....	46.29	15.07
23 11 23 00-0207	EA		30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30).....	56.77	16.01
23 11 23 00-0208	EA		36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36).....	60.43	16.01
23 11 23 00-0209	EA		48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48).....	61.31	16.95
23 11 23 00-0210	EA		60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60).....	76.76	16.95

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72).....	84.42	17.89
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12).....	44.48	14.13
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18).....	49.33	15.07
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24).....	53.95	15.07
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30).....	56.77	16.01
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36).....	50.43	16.01
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48).....	69.01	16.95
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60).....	76.76	16.95
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72).....	84.42	17.89
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12).....	61.41	14.13
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18).....	66.22	15.07
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24).....	70.84	15.07
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30).....	73.65	16.01
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36).....	77.46	16.01
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48).....	85.51	16.95
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60).....	93.94	16.95
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72).....	101.63	17.89
23 11 23 00-0230		3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12).....	70.83	18.84
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18).....	75.63	19.77
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24).....	80.27	19.77
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30).....	83.06	20.72
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36).....	86.88	20.72
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48).....	94.93	21.66
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60).....	103.36	21.66
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72).....	111.05	22.60
23 11 23 00-0239		3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	70.83	18.84
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	75.63	19.77
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	80.27	19.77
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	83.06	20.72
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	86.88	20.72
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	94.93	21.66
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	103.36	21.66
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72).....	111.05	22.60
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0249	EA		12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-12)	84.59	18.84
23 11 23 00-0250	EA		18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-18)	89.39	19.77
23 11 23 00-0251	EA		24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-24)	94.03	19.77
23 11 23 00-0252	EA		30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-30)	96.81	20.72
23 11 23 00-0253	EA		36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-36)	100.66	20.72
23 11 23 00-0254	EA		48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-48)	108.70	21.66
23 11 23 00-0255	EA		60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4J-60)	117.13	21.66
23 11 23 00-0256 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)					
23 11 23 00-0257	EA		12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-12)	84.59	18.84
23 11 23 00-0258	EA		18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-18)	89.39	19.77
23 11 23 00-0259	EA		24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-24)	94.03	19.77
23 11 23 00-0260	EA		36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-36)	100.66	20.72
23 11 23 00-0261	EA		48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-48)	108.70	21.66
23 11 23 00-0262	EA		60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C2P-60)	117.13	21.66
23 11 23 00-0263 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)					
23 11 23 00-0264	EA		12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-12)	84.59	18.84
23 11 23 00-0265	EA		18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-18)	89.39	19.77
23 11 23 00-0266	EA		24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-24)	94.03	19.77
23 11 23 00-0267	EA		30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-30)	96.81	20.72
23 11 23 00-0268	EA		36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-36)	100.66	20.72
23 11 23 00-0269	EA		48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-48)	108.70	21.66
23 11 23 00-0270	EA		60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-60)	117.13	21.66
23 11 23 00-0271	EA		72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4P-72)	124.81	22.60
23 11 23 00-0272 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)					
23 11 23 00-0273	EA		12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-12)	67.20	18.84
23 11 23 00-0274	EA		18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-18)	72.03	19.77
23 11 23 00-0275	EA		24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-24)	76.69	19.77
23 11 23 00-0276	EA		30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-30)	79.44	20.72
23 11 23 00-0277	EA		36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-36)	83.28	20.72
23 11 23 00-0278	EA		48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-48)	91.30	21.66
23 11 23 00-0279	EA		72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C4K-72)	107.38	22.60
23 11 23 00-0280 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) ^(23 11 23 00-0116)					
23 11 23 00-0281	EA		18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C5K-18)	81.82	19.77
23 11 23 00-0282	EA		24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CS5C5K-24)	87.55	19.77
23 11 23 00-0283 Quarter-Turn, Gas Ball Valve ^(23 11 23)					
23 11 23 00-0284	EA		3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	39.36	10.02
23 11 23 00-0285	EA		1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	39.01	10.22
23 11 23 00-0286	EA		3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	56.95	11.25
23 11 23 00-0287	EA		3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	38.94	10.02
23 11 23 00-0288	EA		1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	40.99	10.22
23 11 23 00-0289	EA		1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	46.81	10.22
23 11 23 00-0290	EA		5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	50.08	10.74

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 11 Facility Fuel Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 11 23 00-0291	EA	5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	53.05	10.74
23 11 23 00-0292	EA	5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	53.05	10.74
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	41.16	10.02
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	43.21	10.22
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	54.61	10.74
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	43.50	10.22
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	58.63	11.25
23 11 23 00-0298	EA	3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	41.04	10.02
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	38.65	10.02
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	39.00	10.22
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	53.76	11.25
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	74.36	12.79
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	108.98	13.29
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	130.21	15.34
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	161.81	18.41
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	40.28	10.22
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	53.37	11.25

23 11 23 00-0308 Gas Stops (23 11 23)

23 11 23 00-0309 Brass/Bronze Gas Stops (23 11 23 00-0308)

Note: Flat or square head

23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	43.25	10.22
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	43.64	10.22
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	57.54	11.25
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	79.00	12.79
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	104.36	13.60
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	129.91	15.75
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	176.66	18.61

23 11 23 00-0317 Iron Body Gas Stops (23 11 23 00-0308)

23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	56.32	10.22
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	70.02	11.25
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	86.53	12.79
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	111.67	13.60
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	139.09	15.75
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	178.75	18.61
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	334.85	25.14
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	444.26	29.20

23 11 23 00-0326 Bronze Body Solenoid Valves, 150 PSI Gas (23 11 23)

23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	132.32	10.22
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	153.89	10.22
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	196.51	11.25
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	291.97	12.79
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	518.31	15.75
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	873.27	18.61
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,084.14	25.14
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	1,623.93	29.20

23 11 26 Facility Liquefied-Petroleum Gas Piping (23 11)

23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings (23 11 26)

23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe (23 11 26 00-0001)

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).

23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	16.60	6.78
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-7.60	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	19.90	8.10
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-9.11	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	26.79	11.96
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-13.42	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	31.26	13.75
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-15.12	
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	36.36	15.35
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-17.30	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	47.85	17.75
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-19.94	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	62.73	21.10
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-23.77	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	86.76	26.58
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-29.90	

23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings (23 11 26 00-0001)

23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows (23 11 26 00-0011)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0013	EA		2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	133.46 -75.95	67.53
23 11 26 00-0014	EA		3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	158.01 -91.14	67.53
23 11 26 00-0015	EA		4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	188.11 -105.88	81.09
23 11 26 00-0016	EA		5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	222.63 -115.79	104.96
23 11 26 00-0017	EA		6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	266.10 -132.41	117.76
23 11 26 00-0018	EA		8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	373.90 -165.51	147.16
23 11 26 00-0019	EA		10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	476.42 -199.33	177.26
23 11 26 00-0020	EA		12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	664.08 -247.17	219.81
23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows (23 11 26 00-0011)					
23 11 26 00-0022	EA		2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	133.71 -75.95	67.53
23 11 26 00-0023	EA		3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	158.09 -91.14	67.53
23 11 26 00-0024	EA		4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	188.36 -105.95	81.09
23 11 26 00-0025	EA		5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	233.09 -123.61	104.96
23 11 26 00-0026	EA		6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	266.02 -132.41	117.76
23 11 26 00-0027	EA		8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	373.90 -165.51	147.16
23 11 26 00-0028	EA		10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	513.44 -199.33	177.26
23 11 26 00-0029	EA		12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	664.08 -247.17	219.81
23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees (23 11 26 00-0011)					
23 11 26 00-0031	EA		2" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	203.37 -113.92	101.33
23 11 26 00-0032	EA		3" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	248.44 -137.20	122.05
23 11 26 00-0033	EA		4" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	285.12 -158.94	141.35
23 11 26 00-0034	EA		5" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	348.12 -185.48	167.91
23 11 26 00-0035	EA		6" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	394.18 -199.33	177.26
23 11 26 00-0036	EA		8" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	492.87 -247.17	219.81
23 11 26 00-0037	EA		10" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	708.35 -299.00	265.88
23 11 26 00-0038	EA		12" Fiberglass Reinforced Plastic Flanged Tee..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	916.72 -363.49	323.27
23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes (23 11 26 00-0011)					
23 11 26 00-0040	EA		2" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	238.22 -113.92	101.33
23 11 26 00-0041	EA		3" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	298.10 -137.03	121.86
23 11 26 00-0042	EA		4" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	348.45 -158.93	141.35
23 11 26 00-0043	EA		5" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	402.07 -185.48	167.91
23 11 26 00-0044	EA		6" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	438.72 -199.33	177.26
23 11 26 00-0045	EA		8" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	563.32 -247.17	219.81
23 11 26 00-0046	EA		10" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	797.20 -299.00	265.88
23 11 26 00-0047	EA		12" Fiberglass Reinforced Plastic Flanged Wye..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,013.57 -363.49	323.27
23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 26 00-0011)					
23 11 26 00-0049	EA		2" Fiberglass Reinforced Plastic Flanged Concentric Reducer..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	144.88 -75.95	67.53
23 11 26 00-0050	EA		3" Fiberglass Reinforced Plastic Flanged Concentric Reducer..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	181.67 -91.14	81.09
23 11 26 00-0051	EA		4" Fiberglass Reinforced Plastic Flanged Concentric Reducer..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	204.26 -105.95	94.27
23 11 26 00-0052	EA		5" Fiberglass Reinforced Plastic Flanged Concentric Reducer..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	237.60 -123.61	111.97
23 11 26 00-0053	EA		6" Fiberglass Reinforced Plastic Flanged Concentric Reducer..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	259.12 -132.41	117.76

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer For Use As Inner Pipe In Double Wall Pipe System, Deduct	335.78	147.16
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer For Use As Inner Pipe In Double Wall Pipe System, Deduct	418.99	177.26
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer For Use As Inner Pipe In Double Wall Pipe System, Deduct	551.53	219.81
23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 26 00-0011)				
23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	129.31	67.53
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	151.92	81.09
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	174.54	94.27
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	208.49	111.97
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	230.64	117.76
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	257.31	147.16
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	318.40	177.26
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter For Use As Inner Pipe In Double Wall Pipe System, Deduct	444.00	219.81
23 11 26 00-0066 Fiberglass Reinforced Plastic Nipples (23 11 26 00-0011)				
23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	19.89	8.10
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	39.73	16.20
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	52.49	12.43
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	62.60	16.51
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	54.95	11.74
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	69.49	17.66
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	83.92	19.77
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	98.35	21.19
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	64.95	24.71
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	90.10	35.31
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	93.35	25.16
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	140.04	37.61
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	105.73	25.95
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple For Use As Inner Pipe In Double Wall Pipe System, Deduct	143.10	38.85
23 11 26 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings (23 11 26 00-0011)				
23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	108.37	67.53
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	130.18	81.09
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	151.02	94.27
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	178.29	111.97
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	193.76	117.76
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	245.92	147.16
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	304.20	177.26
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling For Use As Inner Pipe In Double Wall Pipe System, Deduct	374.88	219.81
23 11 26 00-0090 Fiberglass Reinforced Plastic Flanges (23 11 26 00-0011)				
23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange For Use As Inner Pipe In Double Wall Pipe System, Deduct	109.26	67.53
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange For Use As Inner Pipe In Double Wall Pipe System, Deduct	131.36	81.09
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange For Use As Inner Pipe In Double Wall Pipe System, Deduct	145.49	88.19
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange For Use As Inner Pipe In Double Wall Pipe System, Deduct	172.32	104.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 11 26 00-0095	EA		6" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	198.92 -132.41	117.76
23 11 26 00-0096	EA		8" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	241.66 -158.45	140.89
23 11 26 00-0097	EA		10" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	312.23 -199.33	177.26
23 11 26 00-0098	EA		12" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	407.00 -247.17	219.81

23 11 26 00-0099 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** (23 11 26)

23 11 26 00-0100 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** (23 11 26 00-0099)

23 11 26 00-0101	LF		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	65.87	29.10
23 11 26 00-0102	LF		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	78.32	34.47
23 11 26 00-0103	LF		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	106.91	50.85
23 11 26 00-0104	LF		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	144.64	65.92
23 11 26 00-0105	LF		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	187.10	75.92
23 11 26 00-0106	LF		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	241.89	90.04
23 11 26 00-0107	LF		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	307.61	113.61

23 11 26 00-0108 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** (23 11 26 00-0099)

23 11 26 00-0109 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows** (23 11 26 00-0108)

23 11 26 00-0110	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,012.50	360.13
23 11 26 00-0111	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,183.69	432.26
23 11 26 00-0112	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,442.04	502.32
23 11 26 00-0113	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,255.81	627.91
23 11 26 00-0114	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,425.93	785.03
23 11 26 00-0115	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	4,507.74	944.47
23 11 26 00-0116	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	5,929.44	1,169.57

23 11 26 00-0117 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows** (23 11 26 00-0108)

23 11 26 00-0118	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,013.53	360.13
23 11 26 00-0119	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,181.89	432.26
23 11 26 00-0120	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,440.63	502.32
23 11 26 00-0121	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,247.48	627.91
23 11 26 00-0122	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,413.87	785.03
23 11 26 00-0123	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	4,491.82	944.91
23 11 26 00-0124	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	5,911.04	1,172.22

23 11 26 00-0125 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** (23 11 26 00-0108)

23 11 26 00-0126	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,449.16	540.19
23 11 26 00-0127	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,789.50	651.03
23 11 26 00-0128	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,039.13	753.87
23 11 26 00-0129	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,011.67	945.34
23 11 26 00-0130	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,785.29	1,172.22
23 11 26 00-0131	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	5,968.70	1,416.39
23 11 26 00-0132	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	7,939.54	1,717.32

23 11 26 00-0133 **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** (23 11 26 00-0108)

23 11 26 00-0134	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,881.86	540.19
23 11 26 00-0135	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,407.61	650.27
23 11 26 00-0136	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,825.82	753.87
23 11 26 00-0137	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,564.74	945.34
23 11 26 00-0138	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,659.95	1,172.22
23 11 26 00-0139	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	7,071.93	1,416.39
23 11 26 00-0140	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	9,142.12	1,717.32

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 26 00-0141		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers <small>(23 11 26 00-0108)</small>		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,081.55	360.13
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,394.86	432.26
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,535.21	502.32
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,966.70	627.91
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	2,606.16	785.03
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	3,318.42	944.47
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	4,509.59	1,169.57

23 11 26 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters <small>(23 11 26 00-0108)</small>		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	888.17	360.13
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,025.55	432.26
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,166.26	502.32
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,613.06	627.91
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,631.79	785.03
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,069.47	944.47
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,174.45	1,169.57

23 11 26 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples <small>(23 11 26 00-0108)</small>		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	160.97	43.23
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	321.59	86.27
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	519.69	66.30
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	602.04	88.01
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	557.13	62.76
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	675.41	94.19
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	995.88	113.17
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	543.91	131.88
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	743.84	188.29
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	892.20	134.00
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,339.02	200.74
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,037.36	138.24
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,364.00	207.36

23 11 26 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges <small>(23 11 26 00-0108)</small>		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	870.16	470.16
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,219.18	627.91
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,504.29	751.58
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,992.91	944.47
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,715.05	1,169.57

23 12 Facility Fuel Pumps (23 10)**23 12 13 Facility Fuel-Oil Pumps** (23 12)

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump <small>(23 12 13)</small>		
Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.				
23 12 13 00-0002		10 GPM 1" Discharge <small>(23 12 13 00-0001)</small>		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge.....	906.40	273.22
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge.....	973.18	330.70
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge.....	1,081.65	392.87
23 12 13 00-0006		25 GPM 1-1/4" Discharge <small>(23 12 13 00-0001)</small>		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge.....	1,037.15	273.22
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge.....	1,101.41	330.70
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge.....	1,165.50	392.87
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI <small>(23 12 13)</small>		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel.....	706.65	153.10

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	822.87	171.47
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	904.10	192.19
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	992.87	216.70
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	1,337.34	241.19
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	1,612.32	269.92
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	1,789.86	302.43
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	2,153.93	338.23
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	2,520.82	379.22
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	2,823.13	425.38
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	3,165.03	476.82

23 12 16 Facility Gasoline Dispensing Pumps (23 12)
23 12 16 00-0001 Unloading Hose And Accessories (23 12 16)
23 12 16 00-0002 Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings (23 12 16 00-0001)
23 12 16 00-0003 Two Braid Hose x 25' (23 12 16 00-0002)

23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	252.42	38.16
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	292.63	38.16
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	404.75	38.16

23 12 16 00-0007 Two Braid Hose x 50' (23 12 16 00-0002)

23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	503.03	77.28
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	581.67	77.28
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	808.36	77.28

23 12 16 00-0011 Three Braid Hose x 25' (23 12 16 00-0002)

23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	613.70	38.16
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	762.39	51.52
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,069.86	63.92
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,342.92	77.28

23 12 16 00-0016 Three Braid Hose x 50' (23 12 16 00-0002)

23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,098.29	77.28
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,347.23	102.09
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,811.36	128.81
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,210.17	153.61

23 12 16 00-0021 Tank Car Unloading Hose Assemblies (23 12 16 00-0001)
23 12 16 00-0022 Flexible Galvanized Hose Assemblies (23 12 16 00-0021)

Note: Each end includes a female coupling.

23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	473.50	89.69
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	566.28	89.69
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	661.33	89.69
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	1,032.48	89.69

23 12 16 00-0027 Standard Gas Station Pumps (23 12 16)
23 12 16 00-0028 Gasoline Pumps (23 12 16 00-0027)

Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.

23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,492.14	763.29
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23 12 16 00-0030 Gasoline Pumps With Vapor Recovery System (23 12 16 00-0027)

Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.

23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	11,042.20	1,144.94
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23 12 23 Facility Natural-Gas Pumps (23 12)
23 12 23 00-0001 Natural Gas Booster Pump (23 12 23)

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	793.71	141.32
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	935.62	157.81
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,041.87	164.88
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,173.27	171.94
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,316.76	176.65

23 13 Facility Fuel-Storage Tanks (23 10)
23 13 13 Facility Underground Fuel-Oil, Storage Tanks (23 13)
23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 13 Facility Fuel-Storage Tanks



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 13-0001			Coated Underground Double Wall Storage Tanks (23 13 13 13) Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
23 13 13 13-0002	EA		250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	8,110.57	623.28
23 13 13 13-0003	EA		550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	8,734.09	623.28
23 13 13 13-0004	EA		1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	12,551.83	779.06
23 13 13 13-0005	EA		2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,449.14	1,521.69
23 13 13 13-0006	EA		3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	27,517.57	1,956.35
23 13 13 13-0007	EA		4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	30,693.90	2,246.92
23 13 13 13-0008	EA		5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	33,444.81	2,970.91
23 13 13 13-0009	EA		6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	34,651.83	3,189.78
23 13 13 13-0010	EA		8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	42,220.52	3,768.33
23 13 13 13-0011	EA		10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	48,887.12	4,346.49
23 13 13 13-0012	EA		12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	62,092.57	4,779.79
23 13 13 13-0013	EA		14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	73,687.53	5,803.43
23 13 13 13-0014	EA		15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	76,207.96	6,158.95
23 13 13 13-0015	EA		20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	94,768.57	9,769.37
23 13 13 13-0016	EA		25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	116,844.16	12,668.48
23 13 13 13-0017	EA		30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	137,423.34	14,495.05
23 13 13 13-0018	EA		40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	175,001.08	15,582.18
23 13 13 13-0019	EA		48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	234,157.44	15,981.76

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 13 13 23-0001			Underground Fiberglass Storage Tanks (23 13 13 23)		
23 13 13 23-0002			Single Wall Fiberglass Underground Storage Tanks (23 13 13 23-0001) Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0003	EA		550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,921.71	623.28
23 13 13 23-0004	EA		1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,668.66	779.06
23 13 13 23-0005	EA		2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,768.72	963.92
23 13 13 23-0006	EA		2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,439.43	1,174.10
23 13 13 23-0007	EA		3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,104.62	1,377.03
23 13 13 23-0008	EA		4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,465.52	1,811.89
23 13 13 23-0009	EA		5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,073.86	2,754.06
23 13 13 23-0010	EA		6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,367.19	3,478.81
23 13 13 23-0011	EA		8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,355.09	3,913.66
23 13 13 23-0012	EA		10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,986.38	4,638.42
23 13 13 23-0013	EA		12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,863.97	5,508.12
23 13 13 23-0014	EA		15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	22,024.66	6,885.15
23 13 13 23-0015	EA		20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,926.03	9,204.36
23 13 13 23-0016	EA		25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	41,070.16	11,451.09
23 13 13 23-0017	EA		30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	50,188.22	13,770.30
23 13 13 23-0018	EA		40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	71,842.38	19,930.69
23 13 13 23-0019	EA		50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	101,376.77	25,366.34

23 13 13 23-0020			Double Wall Fiberglass Underground Storage Tanks (23 13 13 23-0001) Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0021	EA		550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,482.67	623.28
23 13 13 23-0022	EA		1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,213.72	779.06
23 13 13 23-0023	EA		2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,651.24	942.18
23 13 13 23-0024	EA		3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,294.20	1,377.13
23 13 13 23-0025	EA		4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,763.21	1,811.89
23 13 13 23-0026	EA		5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,897.72	2,754.06
23 13 13 23-0027	EA		6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,710.01	3,478.81
23 13 13 23-0028	EA		8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,427.77	3,913.66
23 13 13 23-0029	EA		10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	22,059.06	4,638.42
23 13 13 23-0030	EA		12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,657.43	5,508.12
23 13 13 23-0031	EA		15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	36,476.20	6,885.15
23 13 13 23-0032	EA		20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	45,368.78	9,204.36
23 13 13 23-0033	EA		30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	69,937.45	13,770.30

23 13 13 23-0034			Underground Storage Tank Pump Enclosures (23 13 13 23)		
23 13 13 23-0035	EA		Secondary Containment Collar	945.62	
23 13 13 23-0036	EA		Turbine Enclosure With Lid 4' Long x 42" Diameter	945.62	
23 13 13 23-0037	EA		Fitting Kit For Turbine Enclosure	189.12	
23 13 13 23-0038	EA		Grommet Kits For Plumbing And Electrical	378.25	
23 13 13 23-0039	EA		Turbine Electrical Coupling Kit	472.81	

23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks (23 13)

23 13 23 13			Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)		
23 13 23 13-0001			Rectangle Double Wall Steel Fuel Day Tank (23 13 23 13) Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA		10 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,109.48	122.77
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,191.71	128.90
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,293.78	138.11
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,487.47	147.32
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,659.70	153.46
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,956.29	184.15
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,635.78	214.84
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,338.18	245.53
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,286.02	276.22
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,777.33	306.91
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,465.42	368.30
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,120.80	429.68
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,795.81	491.07
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,544.02	521.75
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,297.15	552.45
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,153.35	583.14
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,901.56	613.82
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,022.49	736.59
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,888.94	797.98
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,044.23	920.75
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,204.44	1,043.50
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,348.38	122.77
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,432.24	128.90
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,534.31	138.11
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,726.37	147.32
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,898.60	153.46
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,196.83	184.15
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,899.22	214.84
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,601.62	245.53
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,549.46	276.22
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,040.77	306.91
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,728.86	368.30
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,384.24	429.68
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,059.25	491.07
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,807.46	521.75
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,560.59	552.45
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,418.43	583.14
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,166.64	613.82
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,285.93	736.59
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,152.38	797.98
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,307.68	920.75
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,467.88	1,043.50
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,253.25	122.77
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,327.29	128.90
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,393.37	138.11

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 13 Facility Fuel-Storage Tanks



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,650.88	147.32
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,747.83	153.46
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,034.61	184.15
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,653.55	214.84
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,614.49	245.53
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,189.25	276.22
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,789.96	306.91
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,671.14	368.30
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,198.88	429.68
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,919.71	491.07
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,633.56	521.75
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,576.50	552.45
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,966.36	583.14
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,315.31	613.82
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,938.59	736.59
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,520.09	797.98
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,241.54	920.75
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,990.81	1,043.50
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,333.20	122.77
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,407.24	128.90
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,473.32	138.11
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,730.83	147.32
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,827.78	153.46
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,114.56	184.15
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,733.50	214.84
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,694.44	245.53
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,341.20	276.22
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,493.57	306.91
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,374.74	368.30
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,904.13	429.68
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,623.32	491.07
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,338.80	521.75
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,280.10	552.45
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,669.96	583.14
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,018.92	613.82
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,642.19	736.59
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,225.33	797.98
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,945.15	920.75
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTR Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,694.42	1,043.50
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,936.99	122.77
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,019.21	128.90
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,086.93	138.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0089 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,352.62	147.32
23 13 23 13-0090 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,495.39	153.46
23 13 23 13-0091 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,755.98	184.15
23 13 23 13-0092 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,399.47	214.84
23 13 23 13-0093 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,406.22	245.53
23 13 23 13-0094 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,002.26	276.22
23 13 23 13-0095 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,665.15	306.91
23 13 23 13-0096 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,592.14	368.30
23 13 23 13-0097 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,069.16	429.68
23 13 23 13-0098 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,888.17	491.07
23 13 23 13-0099 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,752.55	521.75
23 13 23 13-0100 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,621.86	552.45
23 13 23 13-0101 EA 550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,059.17	583.14
23 13 23 13-0102 EA 600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,383.58	613.82
23 13 23 13-0103 EA 700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,080.49	736.59
23 13 23 13-0104 EA 800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,738.90	797.98
23 13 23 13-0105 EA 900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,537.26	920.75
23 13 23 13-0106 EA 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,360.16	1,043.50
23 13 23 13-0107 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,016.94	122.77
23 13 23 13-0108 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,099.17	128.90
23 13 23 13-0109 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,166.88	138.11
23 13 23 13-0110 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,432.57	147.32
23 13 23 13-0111 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,575.34	153.46
23 13 23 13-0112 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,832.66	184.15
23 13 23 13-0113 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,479.42	214.84
23 13 23 13-0114 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,486.17	245.53
23 13 23 13-0115 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,082.21	276.22
23 13 23 13-0116 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,368.76	306.91
23 13 23 13-0117 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,295.75	368.30
23 13 23 13-0118 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,936.40	429.68

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 13 Facility Fuel-Storage Tanks



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,591.77	491.07
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,456.16	521.75
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,325.46	552.45
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,762.78	583.14
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,088.83	613.82
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,784.10	736.59
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,442.51	797.98
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,240.86	920.75
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,063.76	1,043.50
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,098.81	122.77
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,191.12	128.90
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,292.86	138.11
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,478.83	147.32
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,970.72	153.46
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,021.87	184.15
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,543.88	214.84
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,150.14	245.53
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,143.00	276.22
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,209.31	306.91
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,253.33	368.30
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	6,716.34	429.68
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,181.51	491.07
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	7,887.11	521.75
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	8,594.88	552.45
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	9,209.79	583.14
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	9,831.13	613.82
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	11,120.01	736.59
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	12,345.46	797.98
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	13,707.78	920.75
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	15,022.58	1,043.50
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,158.72	128.90
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,260.70	138.11
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,367.24	147.32
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,557.58	153.46
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,117.15	184.15
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,168.30	214.84
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,716.48	245.53
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,353.56	276.22
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,398.75	306.91
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,521.45	337.61
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,617.79	398.98
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,100.85	460.37
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,586.17	521.75
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,328.14	552.45
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,072.38	583.14
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	9,718.60	613.82
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	10,422.77	675.21
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	11,771.89	797.98
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,162.05	920.75
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	14,588.68	1,043.50
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	15,965.16	1,166.27
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,269.44	122.77
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,383.35	128.90
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,498.05	138.11
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,727.22	147.32
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,311.99	153.46
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,363.14	184.15
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	2,962.90	214.84
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	3,670.67	245.53
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	4,840.06	276.22
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,151.03	306.91
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	7,387.28	368.30
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	7,917.25	429.68
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	8,451.54	491.07
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	9,293.21	521.75
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	10,137.06	552.45
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	10,853.46	583.14
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	11,587.13	613.82
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	13,102.81	736.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0188	EA		150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	14,557.20	797.98
23 13 23 13-0189	EA		150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	16,146.31	920.75
23 13 23 13-0190	EA		150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	17,687.90	1,043.50
23 13 23 13-0191	EA		200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,338.83	128.90
23 13 23 13-0192	EA		200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,463.61	138.11
23 13 23 13-0193	EA		200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,583.83	147.32
23 13 23 13-0194	EA		200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,819.77	153.46
23 13 23 13-0195	EA		200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,477.37	184.15
23 13 23 13-0196	EA		200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,528.52	214.84
23 13 23 13-0197	EA		200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,158.78	245.53
23 13 23 13-0198	EA		200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,903.02	276.22
23 13 23 13-0199	EA		200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,134.53	306.91
23 13 23 13-0200	EA		200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,515.48	337.61
23 13 23 13-0201	EA		200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,814.74	398.98
23 13 23 13-0202	EA		200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,368.47	460.37
23 13 23 13-0203	EA		200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,926.75	521.75
23 13 23 13-0204	EA		200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,812.35	552.45
23 13 23 13-0205	EA		200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,700.22	583.14
23 13 23 13-0206	EA		200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,453.58	613.82
23 13 23 13-0207	EA		200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,276.33	675.21
23 13 23 13-0208	EA		200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,864.84	797.98
23 13 23 13-0209	EA		200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,496.66	920.75
23 13 23 13-0210	EA		200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,162.69	1,043.50
23 13 23 13-0211	EA		200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,778.55	1,166.27

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 16-0001 Single Wall Aboveground Storage Tanks (23 13 23 16)

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA		300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,767.78	667.23
23 13 23 16-0003	EA		550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,330.69	807.69
23 13 23 16-0004	EA		1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,470.05	1,084.65
23 13 23 16-0005	EA		1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,751.90	1,355.82
23 13 23 16-0006	EA		2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	7,011.26	1,780.86
23 13 23 16-0007	EA		3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	10,073.96	1,833.24
23 13 23 16-0008	EA		5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	14,412.78	2,266.54
23 13 23 16-0009	EA		8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	19,490.90	2,597.03
23 13 23 16-0010	EA		10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	23,077.27	2,833.11
23 13 23 16-0011	EA		12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	26,687.78	3,116.44
23 13 23 16-0012	EA		15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	29,551.01	3,462.67
23 13 23 16-0013	EA		20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	36,986.06	4,452.01
23 13 23 16-0014	EA		30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	50,005.28	5,194.06

23 13 23 16-0015 Double Wall Aboveground Storage Tanks (23 13 23 16)

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA		300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,255.23	832.56
23 13 23 16-0017	EA		550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,117.46	1,007.50
23 13 23 16-0018	EA		1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,871.44	1,355.82
23 13 23 16-0019	EA		1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,864.51	1,694.77
23 13 23 16-0020	EA		2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	10,685.90	2,226.05
23 13 23 16-0021	EA		3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	15,783.64	2,291.48
23 13 23 16-0022	EA		5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	22,778.34	2,822.86
23 13 23 16-0023	EA		8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	31,100.57	3,246.32
23 13 23 16-0024	EA		10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	36,966.38	3,541.43
23 13 23 16-0025	EA		12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	42,844.64	3,895.50
23 13 23 16-0026	EA		15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	47,434.23	4,328.42
23 13 23 16-0027	EA		20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	59,298.71	5,565.03
23 13 23 16-0028	EA		30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	80,660.92	6,492.52

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 19-0001 Secondary Containment For Above Ground Tanks (23 13 23 19)

23 13 23 19-0002	EA		Steel Dike For 550 Gallon Tank, Uncoated.....	3,463.96	
23 13 23 19-0003	EA		Steel Dike For 1,000 Gallon Tank, Uncoated.....	4,187.50	
23 13 23 19-0004	EA		Steel Dike For 2,000 Gallon Tank, Uncoated.....	9,089.63	
23 13 23 19-0005	EA		Steel Dike For 3,000 Gallon Tank, Uncoated.....	9,966.89	
23 13 23 19-0006	EA		Steel Dike For 5,000 Gallon Tank, Uncoated.....	14,136.41	
23 13 23 19-0007	EA		Steel Dike For 6,000 Gallon Tank, Uncoated.....	15,836.77	
23 13 23 19-0008	EA		Steel Dike For 8,000 Gallon Tank, Uncoated.....	20,892.60	
23 13 23 19-0009	EA		Steel Dike For 10,000 Gallon Tank, Uncoated.....	24,528.50	
23 13 23 19-0010	EA		Steel Dike For 12,000 Gallon Tank, Uncoated.....	27,856.84	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 10 Facility Fuel Systems

23 13 Facility Fuel-Storage Tanks



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated.....	33,925.64	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated.....	43,413.39	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 26-0001	Aboveground Concrete Vaulted Storage Tanks (23 13 23 26)			
Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.				
23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	19,428.61	1,347.94
For Low Profile Tanks, Add			7,019.11	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	24,415.09	1,521.69
For Low Profile Tanks, Add			8,916.72	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	43,044.02	1,811.89
For Low Profile Tanks, Add			16,206.32	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	68,546.25	3,985.27
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	78,235.49	4,352.57
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	88,002.84	4,700.45
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	97,749.33	5,100.61
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	107,489.40	5,429.36

23 13 33 Facility Fuel-Oil, Storage Tank Accessories (23 13)

23 13 33 00-0001	EPA Requirements (23 13 33)			
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon).....	597.24	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,293.62	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	2,096.51	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	2,005.62	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	106.46	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	266.82	
23 13 33 00-0008	EA	Manhole Spill Containment	1,010.03	238.53
23 13 33 00-0009	EA	Fill Adapter, 4"	254.16	159.05
23 13 33 00-0010	EA	Fill Cap, 4"	168.40	59.63
23 13 33 00-0011	EA	2" Vent Cap	104.46	39.79
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	291.05	59.63
23 13 33 00-0013	EA	Float Vent Valve.....	366.27	119.26
23 13 33 00-0014	EA	Vapor Hose Adapter	297.43	79.48
23 13 33 00-0015	EA	Dust Cap	135.88	
23 13 33 00-0016	EA	1" Double Poppet Foot Valve.....	421.76	68.12
23 13 33 00-0017	EA	10" Wood Gage Stick	32.54	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	98.97	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	129.28	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	68.02	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	90.46	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	139.61	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	535.86	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,190.53	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	1,403.44	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	1,532.33	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	1,681.80	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	2,371.99	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	2,916.12	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	3,230.37	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	3,953.54	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	4,669.57	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	5,227.37	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	6,030.18	

23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)

23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)

23 13 33 00-0037	Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)			
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	38.72	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	43.24	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	47.53	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	56.99	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	59.04	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	76.56	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	119.12	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	205.21	

23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	44.57	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	49.07	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	53.59	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	66.41	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	70.93	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	87.34	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	133.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 13 33 00-0054	EA		4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	225.62	
23 13 33 00-0055			Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0056	EA		1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	45.90	
23 13 33 00-0057	EA		3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	52.90	
23 13 33 00-0058	EA		1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	59.66	
23 13 33 00-0059	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	76.76	
23 13 33 00-0060	EA		2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	99.45	
23 13 33 00-0061	EA		3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	153.01	
23 13 33 00-0062	EA		4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	237.75	
23 13 33 00-0063			Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0064	EA		1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	53.32	
23 13 33 00-0065	EA		3/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	62.77	
23 13 33 00-0066	EA		1" Polypropylene Bulkhead Fitting, Thread x Thread.....	76.93	
23 13 33 00-0067	EA		1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	93.33	
23 13 33 00-0068	EA		1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	95.38	
23 13 33 00-0069	EA		2" Polypropylene Bulkhead Fitting, Thread x Thread.....	135.12	
23 13 33 00-0070	EA		3" Polypropylene Bulkhead Fitting, Thread x Thread.....	239.16	
23 13 33 00-0071	EA		4" Polypropylene Bulkhead Fitting, Thread x Thread.....	423.99	
23 13 33 00-0072			Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0073	EA		3/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	47.50	
23 13 33 00-0074	EA		1" Polyethylene Bulkhead Fitting, Thread x Thread.....	60.71	
23 13 33 00-0075	EA		1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	62.75	
23 13 33 00-0076	EA		1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread.....	64.80	
23 13 33 00-0077	EA		2" Polyethylene Bulkhead Fitting, Thread x Thread.....	89.12	
23 13 33 00-0078	EA		3" Polyethylene Bulkhead Fitting, Thread x Thread.....	112.01	
23 13 33 00-0079			TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0080	EA		1/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	193.54	
23 13 33 00-0081	EA		1/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	221.22	
23 13 33 00-0082	EA		3/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	271.58	
23 13 33 00-0083	EA		1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	312.91	
23 13 33 00-0084	EA		3/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	360.42	
23 13 33 00-0085	EA		1" TFE Teflon Bulkhead Fitting, Thread x Thread.....	453.52	
23 13 33 00-0086	EA		1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	588.71	
23 13 33 00-0087	EA		2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	650.31	
23 13 33 00-0088			Self-Aligning Bulkhead Fittings <small>(23 13 33 00-0035)</small>		
23 13 33 00-0089	EA		3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	199.01	
23 13 33 00-0090	EA		1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	199.56	
23 13 33 00-0091	EA		1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	290.30	
23 13 33 00-0092	EA		2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	296.55	
23 13 33 00-0093	EA		3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	398.89	

23 20 HVAC Piping And Pumps (23)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping And Pumps (23 20)

23 21 13 Hydronic Piping (23 21)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping (23 21 13)

23 21 13 23-0001 Threaded Black Steel Pipe (23 21 13 23)

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies (23 21 13 23-0001)

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0003	LF		1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	16.33	3.77
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.80	
			<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0004	LF		3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	17.57	4.05
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	4.16	
			<i>For Work In Restricted Working Space, Add</i>	4.07	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 19.06	4.43
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 4.57	
		<i>For Work In Restricted Working Space, Add</i> 4.29	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 22.29	4.62
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 5.56	
		<i>For Work In Restricted Working Space, Add</i> 4.63	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 23.32	5.46
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 5.89	
		<i>For Work In Restricted Working Space, Add</i> 4.70	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 27.37	6.59
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 7.03	
		<i>For Work In Restricted Working Space, Add</i> 5.29	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 38.53	7.81
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 10.37	
		<i>For Work In Restricted Working Space, Add</i> 6.56	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 48.58	10.45
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 13.20	
		<i>For Work In Restricted Working Space, Add</i> 8.04	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 64.81	11.74
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 18.81	
		<i>For Work In Restricted Working Space, Add</i> 8.48	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 101.08	15.01
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 31.00	
		<i>For Work In Restricted Working Space, Add</i> 10.10	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 119.68	17.75
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 36.98	
		<i>For Work In Restricted Working Space, Add</i> 11.45	

23 21 13 23-0014 Threaded Black Steel Pipe And Fittings (23 21 13 23-0001)
 Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

23 21 13 23-0015 Threaded And Coupled, Black Steel Piping (23 21 13 23-0014)
 Note: ASTM A-53. Includes coupling.

23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe 5.79	2.35
		<i>For Schedule 80 Pipe, Add</i> 0.94	
		<i>For Work In Restricted Working Space, Add</i> 1.43	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe 7.42	3.77
		<i>For Schedule 80 Pipe, Add</i> 1.34	
		<i>For Work In Restricted Working Space, Add</i> 1.71	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe 8.29	4.05
		<i>For Schedule 80 Pipe, Add</i> 1.61	
		<i>For Work In Restricted Working Space, Add</i> 1.82	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe 9.55	4.43
		<i>For Schedule 80 Pipe, Add</i> 1.99	
		<i>For Work In Restricted Working Space, Add</i> 1.98	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe 10.95	4.62
		<i>For Schedule 80 Pipe, Add</i> 2.48	
		<i>For Work In Restricted Working Space, Add</i> 2.09	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe 12.94	5.46
		<i>For Schedule 80 Pipe, Add</i> 2.96	
		<i>For Work In Restricted Working Space, Add</i> 2.46	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe 16.14	6.59
		<i>For Schedule 80 Pipe, Add</i> 3.79	
		<i>For Work In Restricted Working Space, Add</i> 2.98	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe 21.59	7.81
		<i>For Schedule 80 Pipe, Add</i> 5.60	
		<i>For Work In Restricted Working Space, Add</i> 3.53	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe 28.56	10.45
		<i>For Schedule 80 Pipe, Add</i> 7.36	
		<i>For Work In Restricted Working Space, Add</i> 4.71	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe 36.88	11.74
		<i>For Schedule 80 Pipe, Add</i> 10.42	
		<i>For Work In Restricted Working Space, Add</i> 5.30	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe 48.01	15.01
		<i>For Schedule 80 Pipe, Add</i> 13.74	
		<i>For Work In Restricted Working Space, Add</i> 6.74	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe 60.26	17.75
		<i>For Schedule 80 Pipe, Add</i> 17.81	
		<i>For Work In Restricted Working Space, Add</i> 7.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.06 25.69 9.63	21.45
23 21	13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.96 35.75 11.77	26.13
23 21	13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.57 47.94 15.45	34.34
23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows (23 21 13 23-0014)					
23 21	13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.96 10.93 0.06 6.28	10.45
23 21	13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.90 8.20 0.04 7.53	16.77
23 21	13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.48 9.77 0.05 8.43	18.74
23 21	13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.24 15.92 0.09 9.42	20.91
23 21	13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.17 25.27 0.15 10.66	23.74
23 21	13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.76 32.86 0.20 12.02	26.74
23 21	13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.78 55.57 0.35 15.27	34.00
23 21	13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.08 121.50 0.78 22.60	50.29
23 21	13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.45 177.12 1.14 29.74	66.11
23 21	13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	256.17 373.81 2.45 30.90	68.68
23 21	13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	555.09 1,080.74 7.16 32.24	71.68
23 21	13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	629.42 1,247.71 8.27 33.71	74.94
23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows (23 21 13 23-0014)					
23 21	13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.32 14.12 0.08 6.90	15.35
23 21	13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.08 14.72 0.09 7.98	17.70
23 21	13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.17 19.83 0.12 7.36	16.38
23 21	13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.78 18.66 0.11 8.93	19.87
23 21	13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.83 19.89 0.12 8.48	18.84
23 21	13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.08 37.38 0.24 7.85	17.42

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0051	EA 1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.27 30.35 0.19 10.04	22.32
23 21 13 23-0052	EA 1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.00 33.54 0.21 9.55	21.19
23 21 13 23-0053	EA 1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.71 38.76 0.25 9.10	20.25
23 21 13 23-0054	EA 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.46 42.25 0.27 11.34	25.23
23 21 13 23-0055	EA 1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.38 42.13 0.27 10.72	23.83
23 21 13 23-0056	EA 1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.17 47.81 0.31 10.23	22.70
23 21 13 23-0057	EA 2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.63 60.67 0.39 13.65	30.32
23 21 13 23-0058	EA 2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.65 68.43 0.44 12.97	28.82
23 21 13 23-0059	EA 2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.58 68.30 0.44 12.35	27.41
23 21 13 23-0060	EA 2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.59 72.16 0.47 11.85	26.37
23 21 13 23-0061	EA 2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.36 162.76 1.06 18.94	42.09
23 21 13 23-0062	EA 2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.85 171.80 1.12 17.31	38.52
23 21 13 23-0063	EA 3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.20 302.76 1.98 26.17	58.20
23 21 13 23-0064	EA 3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.11 261.52 1.71 22.51	50.01
23 21 13 23-0065	EA 4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	309.84 514.39 3.39 29.39	65.32
23 21 13 23-0066	Black Malleable Iron 45 Degree Elbows <small>(23 21 13 23-0014)</small>		
23 21 13 23-0067	EA 3/8", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.00 15.82 0.10 6.28	10.45
23 21 13 23-0068	EA 1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.72 12.57 0.07 7.53	16.77
23 21 13 23-0069	EA 3/4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.81 15.37 0.09 8.43	18.74
23 21 13 23-0070	EA 1", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.56 19.09 0.11 9.42	20.91
23 21 13 23-0071	EA 1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.23 32.61 0.20 10.66	23.74
23 21 13 23-0072	EA 1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.78 40.11 0.25 12.02	26.74

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.65 60.05 0.38 15.27	34.00
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.06 169.45 1.10 22.60	50.29
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	188.39 220.17 1.43 29.74	66.11
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	278.03 426.28 2.80 30.90	68.68
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	798.90 1,665.88 11.06 32.24	71.68
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	819.76 1,704.53 11.32 33.71	74.94
23 21 13 23-0079 Black Malleable Iron Tees (23 21 13 23-0014)				
23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.01 15.61 0.09 7.85	13.10
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.12 10.84 0.06 9.42	20.91
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.57 15.01 0.09 10.87	24.20
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.98 24.58 0.15 12.84	28.53
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.75 38.69 0.24 15.27	34.00
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.23 47.97 0.30 18.23	40.49
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.82 60.07 0.50 22.60	50.29
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.99 168.81 1.09 29.74	66.11
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.68 246.97 1.60 35.32	78.54
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	371.70 587.67 3.87 39.03	86.77
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	886.64 1,766.45 11.71 46.34	103.02
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	962.29 1,896.37 12.57 52.97	117.76
23 21 13 23-0092 Black Malleable Iron Reducing Tees (23 21 13 23-0014)				
23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.74 17.12 0.10 9.42	20.91
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.50 22.05 0.13 10.87	24.20
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.26 27.65 0.17 12.84	28.53

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee.....	71.44	34.00
		<i>For 300 LB Rating, Add</i>	52.35	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.33	
		<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	83.52	40.49
		<i>For 300 LB Rating, Add</i>	58.27	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.36	
		<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee.....	108.38	50.29
		<i>For 300 LB Rating, Add</i>	83.82	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.53	
		<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	202.07	66.11
		<i>For 300 LB Rating, Add</i>	253.00	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.65	
		<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee.....	235.63	78.54
		<i>For 300 LB Rating, Add</i>	290.05	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.89	
		<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee.....	416.04	86.77
		<i>For 300 LB Rating, Add</i>	694.09	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	4.58	
		<i>For Work In Restricted Working Space, Add</i>	39.03	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee.....	817.74	103.02
		<i>For 300 LB Rating, Add</i>	1,601.09	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	10.61	
		<i>For Work In Restricted Working Space, Add</i>	46.34	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee.....	928.85	117.76
		<i>For 300 LB Rating, Add</i>	1,816.11	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	12.04	
		<i>For Work In Restricted Working Space, Add</i>	52.97	

23 21 13 23-0104 Black Malleable Iron Couplings (23 21 13 23-0014)

23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling.....	25.94	10.45
		<i>For 300 LB Rating, Add</i>	13.28	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
		<i>For Work In Restricted Working Space, Add</i>	6.28	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling.....	28.97	16.77
		<i>For 300 LB Rating, Add</i>	10.77	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.06	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling.....	32.63	18.74
		<i>For 300 LB Rating, Add</i>	12.53	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
		<i>For Work In Restricted Working Space, Add</i>	8.43	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling.....	38.16	20.91
		<i>For 300 LB Rating, Add</i>	18.13	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
		<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling.....	44.29	23.74
		<i>For 300 LB Rating, Add</i>	23.16	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
		<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling.....	51.91	26.74
		<i>For 300 LB Rating, Add</i>	30.82	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
		<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling.....	68.45	34.00
		<i>For 300 LB Rating, Add</i>	45.17	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.28	
		<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling.....	123.76	50.29
		<i>For 300 LB Rating, Add</i>	120.73	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.77	
		<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling.....	164.60	66.11
		<i>For 300 LB Rating, Add</i>	163.08	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.05	
		<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling.....	234.84	68.68
		<i>For 300 LB Rating, Add</i>	322.62	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	2.11	
		<i>For Work In Restricted Working Space, Add</i>	30.90	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling.....	478.73	71.68
		<i>For 300 LB Rating, Add</i>	897.47	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	5.94	
		<i>For Work In Restricted Working Space, Add</i>	32.24	
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling.....	535.31	74.94
		<i>For 300 LB Rating, Add</i>	1,021.85	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	6.77	
		<i>For Work In Restricted Working Space, Add</i>	33.71	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings (23 21 13 23-0014)

23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	29.90	16.77
		<i>For 300 LB Rating, Add</i>	13.00	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
		<i>For Work In Restricted Working Space, Add</i>	7.53	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.18 13.85 0.08 8.43	18.74
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.29 20.84 0.13 9.42	20.91
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.69 26.52 0.16 10.66	23.74
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.90 33.20 0.21 12.02	26.74
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.50 47.69 0.30 15.27	34.00
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.30 136.42 0.88 22.60	50.29
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.94 166.29 1.07 29.74	66.11
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	236.90 327.56 2.14 30.90	68.68
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	408.45 728.80 4.82 32.24	71.68
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	498.94 934.56 6.19 33.71	74.94
23 21 13 23-0129 Black Malleable Iron Caps (23 21 13 23-0014)				
23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.59 7.47 0.05 3.53	7.81
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.37 9.92 0.06 3.77	8.38
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.11 11.96 0.07 4.35	9.70
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.79 15.56 0.10 4.71	10.45
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.07 21.03 0.13 4.71	10.45
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.48 30.54 0.20 6.08	13.47
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.14 68.78 0.45 7.53	16.77
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.70 101.01 0.66 9.11	20.25
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.19 172.23 1.13 10.59	23.57
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.06 408.06 2.70 13.24	29.48
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	362.24 746.32 4.95 15.78	35.04
23 21 13 23-0141 Black Malleable Iron Unions (23 21 13 23-0014)				

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union.....	34.46	10.45
		<i>For Work In Restricted Working Space, Add</i>	6.28	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union.....	43.64	20.91
		<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union.....	50.30	24.20
		<i>For Work In Restricted Working Space, Add</i>	10.87	
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union.....	61.16	28.53
		<i>For Work In Restricted Working Space, Add</i>	12.84	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union.....	77.22	34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union.....	93.58	40.49
		<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union.....	113.50	50.29
		<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union.....	224.91	74.12
		<i>For Work In Restricted Working Space, Add</i>	33.37	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union.....	283.21	97.47
		<i>For Work In Restricted Working Space, Add</i>	43.90	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union.....	38.81	10.45
		<i>For Work In Restricted Working Space, Add</i>	6.28	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union.....	51.91	20.91
		<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union.....	56.40	24.20
		<i>For Work In Restricted Working Space, Add</i>	10.87	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union.....	67.58	28.53
		<i>For Work In Restricted Working Space, Add</i>	12.84	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union.....	92.45	34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union.....	108.60	40.49
		<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union.....	136.71	50.29
		<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union.....	303.58	74.12
		<i>For Work In Restricted Working Space, Add</i>	33.37	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union.....	371.47	97.47
		<i>For Work In Restricted Working Space, Add</i>	43.90	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union.....	551.07	101.34
		<i>For Work In Restricted Working Space, Add</i>	45.61	
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union.....	49.95	10.45
		<i>For Work In Restricted Working Space, Add</i>	6.28	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union.....	54.87	20.91
		<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union.....	62.22	24.20
		<i>For Work In Restricted Working Space, Add</i>	10.87	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union.....	76.76	28.53
		<i>For Work In Restricted Working Space, Add</i>	12.84	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union.....	106.27	34.00
		<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union.....	118.74	40.49
		<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union.....	147.16	50.29
		<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union.....	342.77	74.12
		<i>For Work In Restricted Working Space, Add</i>	33.37	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union.....	445.89	97.47
		<i>For Work In Restricted Working Space, Add</i>	43.90	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union.....	1,102.78	101.34
		<i>For Work In Restricted Working Space, Add</i>	45.61	

23 21 13 23-0171 Black Steel Nipples (23 21 13 23-0014)

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple.....	14.75	8.95
		<i>For Schedule 80 Nipples, Add</i>	0.65	
		<i>For Work In Restricted Working Space, Add</i>	4.04	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple.....	14.55	8.95
		<i>For Schedule 80 Nipples, Add</i>	0.55	
		<i>For Work In Restricted Working Space, Add</i>	4.04	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple.....	14.71	8.95
		<i>For Schedule 80 Nipples, Add</i>	0.63	
		<i>For Work In Restricted Working Space, Add</i>	4.04	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple.....	16.31	9.70
		<i>For Schedule 80 Nipples, Add</i>	0.91	
		<i>For Work In Restricted Working Space, Add</i>	4.35	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple.....	18.00	10.45
		<i>For Schedule 80 Nipples, Add</i>	1.15	
		<i>For Work In Restricted Working Space, Add</i>	4.71	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple.....	18.57	10.45
		<i>For Schedule 80 Nipples, Add</i>	1.44	
		<i>For Work In Restricted Working Space, Add</i>	4.71	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple.....	24.17	13.47
		<i>For Schedule 80 Nipples, Add</i>	1.96	
		<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple.....	37.34	16.77
		<i>For Schedule 80 Nipples, Add</i>	6.12	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple.....	44.90	20.25
		<i>For Schedule 80 Nipples, Add</i>	7.27	
		<i>For Work In Restricted Working Space, Add</i>	9.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.19 10.94 10.59	23.57
23 21	13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.93 0.74 4.04	8.95
23 21	13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.55 0.55 4.04	8.95
23 21	13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.81 0.68 4.04	8.95
23 21	13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.93 0.74 4.04	8.95
23 21	13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.55 0.55 4.04	8.95
23 21	13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.81 0.68 4.04	8.95
23 21	13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.48 1.00 4.35	9.70
23 21	13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.31 1.31 4.71	10.45
23 21	13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.80 1.55 4.71	10.45
23 21	13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.35 0.95 4.04	8.95
23 21	13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.75 0.65 4.04	8.95
23 21	13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.98 0.76 4.04	8.95
23 21	13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.60 1.06 4.35	9.70
23 21	13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.47 1.39 4.71	10.45
23 21	13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.16 1.73 4.71	10.45
23 21	13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.74 2.24 6.08	13.47
23 21	13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.35 0.95 4.04	8.95
23 21	13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.75 0.65 4.04	8.95
23 21	13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.98 0.76 4.04	8.95
23 21	13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.60 1.06 4.35	9.70
23 21	13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.47 1.39 4.71	10.45
23 21	13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.16 1.73 4.71	10.45
23 21	13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.74 2.24 6.08	13.47
23 21	13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.66 6.28 7.53	16.77
23 21	13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.17 7.90 9.11	20.25
23 21	13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.68 1.11 4.04	8.95
23 21	13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.01 0.78 4.04	8.95
23 21	13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.35 0.95 4.04	8.95
23 21	13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.10 1.31 4.35	9.70

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 21	13 23-0211	EA 1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.99 1.65 4.71	10.45
23 21	13 23-0212	EA 1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.58 1.94 4.71	10.45
23 21	13 23-0213	EA 2" x 3-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.69 2.72 6.08	13.47
23 21	13 23-0214	EA 2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.87 7.38 7.53	16.77
23 21	13 23-0215	EA 3" x 3-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.08 9.36 9.11	20.25
23 21	13 23-0216	EA 3/8" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.68 1.11 4.04	8.95
23 21	13 23-0217	EA 1/2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.01 0.78 4.04	8.95
23 21	13 23-0218	EA 3/4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.35 0.95 4.04	8.95
23 21	13 23-0219	EA 1" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.10 1.31 4.35	9.70
23 21	13 23-0220	EA 1-1/4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.99 1.65 4.71	10.45
23 21	13 23-0221	EA 1-1/2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.58 1.94 4.71	10.45
23 21	13 23-0222	EA 2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.69 2.72 6.08	13.47
23 21	13 23-0223	EA 2-1/2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.87 7.38 7.53	16.77
23 21	13 23-0224	EA 3" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.08 9.36 9.11	20.25
23 21	13 23-0225	EA 4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.63 12.66 10.59	23.57
23 21	13 23-0226	EA 3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.67 1.61 4.04	8.95
23 21	13 23-0227	EA 1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.28 0.91 4.04	8.95
23 21	13 23-0228	EA 3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.83 1.19 4.04	8.95
23 21	13 23-0229	EA 1" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.59 1.55 4.35	9.70
23 21	13 23-0230	EA 1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.63 1.97 4.71	10.45
23 21	13 23-0231	EA 1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.44 2.37 4.71	10.45
23 21	13 23-0232	EA 2" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 3.13 6.08	13.47
23 21	13 23-0233	EA 2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.32 8.11 7.53	16.77
23 21	13 23-0234	EA 3" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.00 10.32 9.11	20.25
23 21	13 23-0235	EA 4" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.24 14.47 10.59	23.57
23 21	13 23-0236	EA 3/8" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.67 1.61 4.04	8.95
23 21	13 23-0237	EA 1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.28 0.91 4.04	8.95
23 21	13 23-0238	EA 3/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.83 1.19 4.04	8.95
23 21	13 23-0239	EA 1" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.59 1.55 4.35	9.70
23 21	13 23-0240	EA 1-1/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.63 1.97 4.71	10.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.44 2.37 4.71	10.45
23 21	13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 3.13 6.08	13.47
23 21	13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.32 8.11 7.53	16.77
23 21	13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.00 10.32 9.11	20.25
23 21	13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.24 14.47 10.59	23.57
23 21	13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.03 1.79 4.04	8.95
23 21	13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.49 1.02 4.04	8.95
23 21	13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.15 1.35 4.04	8.95
23 21	13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.15 1.83 4.35	9.70
23 21	13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.36 2.33 4.71	10.45
23 21	13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.14 2.72 4.71	10.45
23 21	13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.59 3.67 6.08	13.47
23 21	13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.01 8.45 7.53	16.77
23 21	13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.79 11.21 9.11	20.25
23 21	13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.23 15.46 10.59	23.57
23 21	13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.72 3.13 4.04	8.95
23 21	13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.12 1.83 4.04	8.95
23 21	13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.94 2.24 4.04	8.95
23 21	13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.48 3.00 4.35	9.70
23 21	13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.23 3.77 4.71	10.45
23 21	13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.33 4.32 4.71	10.45
23 21	13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.54 6.14 6.08	13.47
23 21	13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.62 10.76 7.53	16.77
23 21	13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.62 15.13 9.11	20.25
23 21	13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.00 17.85 10.59	23.57
23 21	13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.49 3.52 4.04	8.95
23 21	13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.86 2.20 4.04	8.95
23 21	13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.67 2.61 4.04	8.95
23 21	13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.49 3.50 4.35	9.70
23 21	13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.72 4.51 4.71	10.45

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0271	EA 1-1/2" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.80 5.05 4.71	10.45
23 21 13 23-0272	EA 2" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.70 7.22 6.08	13.47
23 21 13 23-0273	EA 2-1/2" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.27 12.08 7.53	16.77
23 21 13 23-0274	EA 3" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.35 16.99 9.11	20.25
23 21 13 23-0275	EA 4" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.95 20.32 10.59	23.57
23 21 13 23-0276	EA 3/8" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.46 4.00 4.04	8.95
23 21 13 23-0277	EA 1/2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.69 2.62 4.04	8.95
23 21 13 23-0278	EA 3/4" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.25 2.90 4.04	8.95
23 21 13 23-0279	EA 1" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.53 4.02 4.35	9.70
23 21 13 23-0280	EA 1-1/4" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.93 5.12 4.71	10.45
23 21 13 23-0281	EA 1-1/2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.34 5.82 4.71	10.45
23 21 13 23-0282	EA 2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.88 8.31 6.08	13.47
23 21 13 23-0283	EA 2-1/2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.99 13.44 7.53	16.77
23 21 13 23-0284	EA 3" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.08 18.86 9.11	20.25
23 21 13 23-0285	EA 4" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.96 23.83 10.59	23.57
23 21 13 23-0286 Black Malleable Iron Bushing (2321 13 23-0014)			
23 21 13 23-0287	EA 1/2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	27.30 6.90	15.35
23 21 13 23-0288	EA 3/4" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	30.91 7.42	16.48
23 21 13 23-0289	EA 3/4" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	32.79 7.98	17.70
23 21 13 23-0290	EA 1" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	34.89 7.91	17.61
23 21 13 23-0291	EA 1" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	34.62 8.48	18.84
23 21 13 23-0292	EA 1" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	36.12 8.93	19.87
23 21 13 23-0293	EA 1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	38.00 8.53	18.93
23 21 13 23-0294	EA 1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	39.45 9.10	20.25
23 21 13 23-0295	EA 1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	40.04 9.55	21.19
23 21 13 23-0296	EA 1-1/4" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	41.68 10.04	22.32
23 21 13 23-0297	EA 1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	43.32 9.21	20.53
23 21 13 23-0298	EA 1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	43.00 9.78	21.75
23 21 13 23-0299	EA 1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	44.50 10.23	22.70
23 21 13 23-0300	EA 1-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	44.85 10.72	23.83
23 21 13 23-0301	EA 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	48.23 11.34	25.23
23 21 13 23-0302	EA 2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	53.94 10.84	24.11
23 21 13 23-0303	EA 2" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	53.71 11.40	25.34
23 21 13 23-0304	EA 2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	52.79 11.85	26.37
23 21 13 23-0305	EA 2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	53.60 12.35	27.41
23 21 13 23-0306	EA 2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	55.67 12.97	28.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
23 21	13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	59.34 13.65	30.32	
23 21	13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	74.34 15.92	34.47	
23 21	13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	75.98 16.01	35.59	
23 21	13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	78.05 16.63	36.91	
23 21	13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	78.77 17.31	38.52	
23 21	13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.02 18.94	42.09	
23 21	13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	94.90 19.09	42.38	
23 21	13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	96.53 19.58	43.51	
23 21	13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	98.61 20.20	44.92	
23 21	13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	100.26 20.88	46.43	
23 21	13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	103.68 22.51	50.01	
23 21	13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	116.31 26.17	58.20	
23 21	13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	124.65 19.40	43.07	
23 21	13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	126.19 19.86	44.14	
23 21	13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	128.13 20.45	45.46	
23 21	13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	130.25 21.08	46.88	
23 21	13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	132.12 22.61	50.23	
23 21	13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	143.56 26.04	57.91	
23 21	13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	154.72 29.39	65.32	
23 21	13 23-0326	Black Malleable Iron Square Head Plugs (23 21 13 23-0014)				
23 21	13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	11.64 2.51	5.55	
23 21	13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	13.54 3.02	6.69	
23 21	13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	14.73 3.37	7.53	
23 21	13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	16.94 3.77	8.38	
23 21	13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	19.74 4.26	9.51	
23 21	13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	23.75 4.81	10.64	
23 21	13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	31.33 6.11	13.56	
23 21	13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	50.10 9.04	20.06	
23 21	13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	67.07 11.90	26.46	
23 21	13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	98.70 12.36	27.45	
23 21	13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	166.49 12.90	28.69	
23 21	13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	197.92 13.48	29.93	
23 21	13 23-0339	125 LB Black Cast Iron Screwed Flanges (23 21 13 23-0014)				
23 21	13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	119.10 16.95	37.67	
23 21	13 23-0341	EA	1", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	103.67 19.16	42.56	
23 21	13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	113.72 19.82	44.07	
23 21	13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	115.91 21.57	47.94	
23 21	13 23-0344	EA	2", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	118.97 22.51	50.01	
23 21	13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	138.17 26.03	57.91	
23 21	13 23-0346	EA	3", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	176.34 33.04	73.45	
23 21	13 23-0347	EA	4", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	230.46 42.37	94.19	
23 21	13 23-0348	EA	5", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	294.18 50.45	112.20	
23 21	13 23-0349	EA	6", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	335.70 57.93	128.80	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0350	150 LB, Black Malleable Iron Flanges (23 21 13 23-0014)		
23 21 13 23-0351	EA 1/2", 150 LB, Black Malleable Iron Flange 65.45 <i>For Work In Restricted Working Space, Add</i> 15.48	34.38	
23 21 13 23-0352	EA 3/4", 150 LB, Black Malleable Iron Flange 71.42 <i>For Work In Restricted Working Space, Add</i> 16.95	37.67	
23 21 13 23-0353	EA 1", 150 LB, Black Malleable Iron Flange 83.23 <i>For Work In Restricted Working Space, Add</i> 19.15	42.56	
23 21 13 23-0354	EA 1-1/4", 150 LB, Black Malleable Iron Flange 86.81 <i>For Work In Restricted Working Space, Add</i> 19.82	44.07	
23 21 13 23-0355	EA 1-1/2", 150 LB, Black Malleable Iron Flange 94.50 <i>For Work In Restricted Working Space, Add</i> 21.57	47.94	
23 21 13 23-0356	EA 2", 150 LB, Black Malleable Iron Flange 104.52 <i>For Work In Restricted Working Space, Add</i> 22.51	50.01	
23 21 13 23-0357	EA 2-1/2", 150 LB, Black Malleable Iron Flange 133.03 <i>For Work In Restricted Working Space, Add</i> 26.03	57.91	
23 21 13 23-0358	EA 3", 150 LB, Black Malleable Iron Flange 168.57 <i>For Work In Restricted Working Space, Add</i> 33.04	73.45	
23 21 13 23-0359	EA 4", 150 LB, Black Malleable Iron Flange 240.50 <i>For Work In Restricted Working Space, Add</i> 42.36	94.19	
23 21 13 23-0360	Cut And Thread Existing In-Place Black Steel Pipe (23 21 13 23-0014) Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0361	EA 1/2", Cut And Thread Existing In Place Black Steel Pipe 30.68 <i>For Work In Restricted Working Space, Add</i> 9.20		
23 21 13 23-0362	EA 3/4", Cut And Thread Existing In Place Black Steel Pipe 33.75 <i>For Work In Restricted Working Space, Add</i> 10.13		
23 21 13 23-0363	EA 1", Cut And Thread Existing In Place Black Steel Pipe 36.82 <i>For Work In Restricted Working Space, Add</i> 11.05		
23 21 13 23-0364	EA 1-1/4", Cut And Thread Existing In Place Black Steel Pipe 39.88 <i>For Work In Restricted Working Space, Add</i> 11.96		
23 21 13 23-0365	EA 1-1/2", Cut And Thread Existing In Place Black Steel Pipe 41.93 <i>For Work In Restricted Working Space, Add</i> 12.58		
23 21 13 23-0366	EA 2", Cut And Thread Existing In Place Black Steel Pipe 43.98 <i>For Work In Restricted Working Space, Add</i> 13.19		
23 21 13 23-0367	EA 2-1/2", Cut And Thread Existing In Place Black Steel Pipe 46.03 <i>For Work In Restricted Working Space, Add</i> 13.81		
23 21 13 23-0368	EA 3", Cut And Thread Existing In Place Black Steel Pipe 48.07 <i>For Work In Restricted Working Space, Add</i> 14.42		
23 21 13 23-0369	EA 4", Cut And Thread Existing In Place Black Steel Pipe 50.11 <i>For Work In Restricted Working Space, Add</i> 15.03		
23 21 13 23-0370	EA 6", Cut And Thread Existing In Place Black Steel Pipe 54.20 <i>For Work In Restricted Working Space, Add</i> 16.26		
23 21 13 23-0371	EA 8", Cut And Thread Existing In Place Black Steel Pipe 58.29 <i>For Work In Restricted Working Space, Add</i> 17.49		
23 21 13 23-0372	EA 10", Cut And Thread Existing In Place Black Steel Pipe 63.41 <i>For Work In Restricted Working Space, Add</i> 19.02		
23 21 13 23-0373	EA 12", Cut And Thread Existing In Place Black Steel Pipe 67.50 <i>For Work In Restricted Working Space, Add</i> 20.25		
23 21 13 23-0374	Welded Black Steel Pipe (23 21 13 23)		
23 21 13 23-0375	Welded Plain End Black Steel Pipe Assemblies (23 21 13 23-0374) Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21 13 23-0376	LF 3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 22.28 <i>For Work In Restricted Working Space, Add</i> 5.23	7.16	
23 21 13 23-0377	LF 1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 24.70 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 5.86	7.64	
23 21 13 23-0378	LF 1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 29.37 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 6.73	8.11	
23 21 13 23-0379	LF 1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 31.19 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 7.04	8.11	
23 21 13 23-0380	LF 2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 35.62 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 8.14	8.11	
23 21 13 23-0381	LF 2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 41.28 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 9.44	8.11	
23 21 13 23-0382	LF 3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly 47.16 Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 9.96	7.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	60.47 11.93	9.60
23 21	13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	80.91 13.73	14.33
23 21	13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	123.45 20.37	17.80
23 21	13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	164.92 24.29	22.25
23 21	13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	207.24 28.07	26.87
23 21	13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	236.24 31.32	35.05
23 21	13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	276.99 35.00	44.49
23 21	13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	351.16 38.40	55.07
23 21	13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	456.86 43.96	68.07
23 21	13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	563.06 48.32	77.13
23 21	13 23-0393		Welded Black Steel Pipe And Fittings (23 21 13 23-0374) Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21	13 23-0394		Welded Plain End Black Steel Piping (23 21 13 23-0393) Note: ASTM A-53		
23 21	13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.15 1.45 0.18 2.29	3.82
23 21	13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.55 1.83 0.24 2.86	4.77
23 21	13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.40 2.31 0.35 3.44	5.73
23 21	13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.27 2.79 0.47 4.01	6.68
23 21	13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.52 3.31 0.56 4.75	7.92
23 21	13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.39 5.05 0.65 5.38	8.97
23 21	13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.94 6.41 1.04 5.78	9.64
23 21	13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.74 9.03 1.67 7.16	11.93
23 21	13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.85 13.32 2.79 8.88	19.33
23 21	13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	73.32 18.97 4.21 -10.84 11.48	19.13

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	95.73	23.05
		<i>For Schedule 80 Pipe, Add</i>	25.44	
		<i>For Schedule A-106 Pipe, Add</i>	5.96	
		<i>For Schedule 30 Pipe, Deduct</i>	-14.54	
		<i>For Work In Restricted Working Space, Add</i>	13.83	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	121.35	27.85
		<i>For Schedule 80 Pipe, Add</i>	32.73	
		<i>For Schedule A-106 Pipe, Add</i>	7.88	
		<i>For Schedule 30 Pipe, Deduct</i>	-18.70	
		<i>For Work In Restricted Working Space, Add</i>	16.71	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	118.59	29.36
		<i>For Schedule 80 Pipe, Add</i>	31.23	
		<i>For Schedule A-106 Pipe, Add</i>	7.18	
		<i>For Schedule 30 Pipe, Deduct</i>	-17.85	
		<i>For Schedule 20 Pipe, Deduct</i>	-32.70	
		<i>For Work In Restricted Working Space, Add</i>	17.62	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	130.10	31.58
		<i>For Schedule 80 Pipe, Add</i>	34.48	
		<i>For Schedule A-106 Pipe, Add</i>	8.03	
		<i>For Schedule 30 Pipe, Deduct</i>	-19.70	
		<i>For Schedule 20 Pipe, Deduct</i>	-36.06	
		<i>For Work In Restricted Working Space, Add</i>	18.95	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	161.07	34.17
		<i>For Schedule 80 Pipe, Add</i>	44.42	
		<i>For Schedule A-106 Pipe, Add</i>	11.13	
		<i>For Schedule 30 Pipe, Deduct</i>	-25.38	
		<i>For Schedule 20 Pipe, Deduct</i>	-46.13	
		<i>For Work In Restricted Working Space, Add</i>	20.50	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	190.75	40.93
		<i>For Schedule 80 Pipe, Add</i>	52.44	
		<i>For Schedule A-106 Pipe, Add</i>	13.07	
		<i>For Work In Restricted Working Space, Add</i>	24.56	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	234.80	47.07
		<i>For Schedule 80 Pipe, Add</i>	65.71	
		<i>For Schedule A-106 Pipe, Add</i>	16.88	
		<i>For Work In Restricted Working Space, Add</i>	28.24	
23 21 13 23-0412		Welded Plain End Black Steel 90 Degree Elbows (23 21 13 23-0393)		
23 21 13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	107.12	56.41
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	23.26	
		<i>For Work In Restricted Working Space, Add</i>	25.36	
23 21 13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	111.55	59.35
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	24.12	
		<i>For Work In Restricted Working Space, Add</i>	26.69	
23 21 13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	124.01	67.62
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	26.55	
		<i>For Work In Restricted Working Space, Add</i>	30.43	
23 21 13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	132.01	72.96
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	28.11	
		<i>For Work In Restricted Working Space, Add</i>	32.83	
23 21 13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	164.92	94.93
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	34.53	
		<i>For Work In Restricted Working Space, Add</i>	42.70	
23 21 13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	208.03	118.69
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	43.73	
		<i>For Work In Restricted Working Space, Add</i>	53.38	
23 21 13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	229.40	129.05
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	48.51	
		<i>For Work In Restricted Working Space, Add</i>	58.02	
23 21 13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	393.82	222.98
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	83.04	
		<i>For Work In Restricted Working Space, Add</i>	100.29	
23 21 13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	698.09	367.97
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	151.49	
		<i>For Work In Restricted Working Space, Add</i>	165.53	
23 21 13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	994.49	482.14
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	222.44	
		<i>For Work In Restricted Working Space, Add</i>	216.87	
23 21 13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,324.84	551.10
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	310.70	
		<i>For Work In Restricted Working Space, Add</i>	247.85	
23 21 13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,804.07	721.04
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	427.72	
		<i>For Work In Restricted Working Space, Add</i>	324.30	
23 21 13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,256.46	852.27
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	542.77	
		<i>For Work In Restricted Working Space, Add</i>	383.33	
23 21 13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,831.68	995.26
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	692.84	
		<i>For Work In Restricted Working Space, Add</i>	447.62	
23 21 13 23-0427	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,387.89	1,109.76
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	841.67	
		<i>For Work In Restricted Working Space, Add</i>	499.13	
23 21 13 23-0428	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,399.67	1,244.29
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,124.02	
		<i>For Work In Restricted Working Space, Add</i>	559.67	
23 21 13 23-0429	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,239.57	1,285.84
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,369.46	
		<i>For Work In Restricted Working Space, Add</i>	578.33	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-0430 Welded Plain End Black Steel Reducing 90 Degree Elbows <small>(23 21 13 23-0393)</small>				
23 21 13 23-0431	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	579.75	223.35
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	138.76	
		<i>For Work In Restricted Working Space, Add</i>	100.48	
23 21 13 23-0432	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,024.34	363.77
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	250.03	
		<i>For Work In Restricted Working Space, Add</i>	163.63	
23 21 13 23-0433	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,106.45	363.77
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	274.66	
		<i>For Work In Restricted Working Space, Add</i>	163.63	
23 21 13 23-0434	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,733.12	482.14
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	444.03	
		<i>For Work In Restricted Working Space, Add</i>	216.87	
23 21 13 23-0435	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,928.90	482.14
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	502.77	
		<i>For Work In Restricted Working Space, Add</i>	216.87	
23 21 13 23-0436	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,440.94	551.10
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	645.53	
		<i>For Work In Restricted Working Space, Add</i>	247.85	
23 21 13 23-0437	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,440.94	551.10
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	645.53	
		<i>For Work In Restricted Working Space, Add</i>	247.85	
23 21 13 23-0438	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,099.61	734.74
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,114.22	
		<i>For Work In Restricted Working Space, Add</i>	330.47	
23 21 13 23-0439	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,099.61	734.74
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,114.22	
		<i>For Work In Restricted Working Space, Add</i>	330.47	
23 21 13 23-0440	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,632.16	734.74
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,273.98	
		<i>For Work In Restricted Working Space, Add</i>	330.47	
23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows <small>(23 21 13 23-0393)</small>				
23 21 13 23-0442	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	99.07	54.12
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	21.20	
		<i>For Work In Restricted Working Space, Add</i>	24.34	
23 21 13 23-0443	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	101.93	56.03
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	21.76	
		<i>For Work In Restricted Working Space, Add</i>	25.20	
23 21 13 23-0444	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	114.34	64.34
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	24.18	
		<i>For Work In Restricted Working Space, Add</i>	28.92	
23 21 13 23-0445	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	121.97	69.39
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	25.67	
		<i>For Work In Restricted Working Space, Add</i>	31.21	
23 21 13 23-0446	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	152.52	89.73
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	31.62	
		<i>For Work In Restricted Working Space, Add</i>	40.38	
23 21 13 23-0447	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	189.83	112.73
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	39.21	
		<i>For Work In Restricted Working Space, Add</i>	50.69	
23 21 13 23-0448	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	219.66	128.96
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	45.59	
		<i>For Work In Restricted Working Space, Add</i>	58.01	
23 21 13 23-0449	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	377.67	222.89
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	78.21	
		<i>For Work In Restricted Working Space, Add</i>	100.27	
23 21 13 23-0450	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	657.96	367.58
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	139.52	
		<i>For Work In Restricted Working Space, Add</i>	165.33	
23 21 13 23-0451	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	921.20	482.14
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	200.46	
		<i>For Work In Restricted Working Space, Add</i>	216.87	
23 21 13 23-0452	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,190.28	551.10
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	270.34	
		<i>For Work In Restricted Working Space, Add</i>	247.85	
23 21 13 23-0453	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,606.93	719.70
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	368.79	
		<i>For Work In Restricted Working Space, Add</i>	323.69	
23 21 13 23-0454	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,994.06	853.43
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	463.87	
		<i>For Work In Restricted Working Space, Add</i>	383.84	
23 21 13 23-0455	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,468.65	994.19
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	584.09	
		<i>For Work In Restricted Working Space, Add</i>	447.16	
23 21 13 23-0456	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,920.73	1,108.43
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	701.72	
		<i>For Work In Restricted Working Space, Add</i>	498.56	
23 21 13 23-0457	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,715.83	1,244.29
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	918.87	
		<i>For Work In Restricted Working Space, Add</i>	559.67	
23 21 13 23-0458	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,345.87	1,285.84
		<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,101.35	
		<i>For Work In Restricted Working Space, Add</i>	578.33	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0459	Welded Plain End Black Steel Tee <small>(23 21 13 23-0393)</small>		
23 21 13 23-0460	EA 3/4" Standard Weight, Welded Plain End Black Steel Tee.....	206.86	101.85
	For Schedule 80 Or Extra Heavy Fittings, Add	46.02	
	For Work In Restricted Working Space, Add	45.82	
23 21 13 23-0461	EA 1" Standard Weight, Welded Plain End Black Steel Tee.....	206.82	101.85
	For Schedule 80 Or Extra Heavy Fittings, Add	46.01	
	For Work In Restricted Working Space, Add	45.80	
23 21 13 23-0462	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Tee.....	235.11	113.30
	For Schedule 80 Or Extra Heavy Fittings, Add	52.70	
	For Work In Restricted Working Space, Add	50.96	
23 21 13 23-0463	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Tee.....	256.17	127.34
	For Schedule 80 Or Extra Heavy Fittings, Add	56.81	
	For Work In Restricted Working Space, Add	57.27	
23 21 13 23-0464	EA 2" Standard Weight, Welded Plain End Black Steel Tee.....	312.58	170.00
	For Schedule 80 Or Extra Heavy Fittings, Add	67.01	
	For Work In Restricted Working Space, Add	76.46	
23 21 13 23-0465	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Tee.....	358.07	191.00
	For Schedule 80 Or Extra Heavy Fittings, Add	77.35	
	For Work In Restricted Working Space, Add	85.91	
23 21 13 23-0466	EA 3" Standard Weight, Welded Plain End Black Steel Tee.....	426.83	231.95
	For Schedule 80 Or Extra Heavy Fittings, Add	91.57	
	For Work In Restricted Working Space, Add	104.24	
23 21 13 23-0467	EA 4" Standard Weight, Welded Plain End Black Steel Tee.....	612.81	335.13
	For Schedule 80 Or Extra Heavy Fittings, Add	131.09	
	For Work In Restricted Working Space, Add	150.71	
23 21 13 23-0468	EA 6" Standard Weight, Welded Plain End Black Steel Tee.....	1,031.02	553.63
	For Schedule 80 Or Extra Heavy Fittings, Add	222.15	
	For Work In Restricted Working Space, Add	249.01	
23 21 13 23-0469	EA 8" Standard Weight, Welded Plain End Black Steel Tee.....	1,473.74	734.74
	For Schedule 80 Or Extra Heavy Fittings, Add	326.46	
	For Work In Restricted Working Space, Add	330.47	
23 21 13 23-0470	EA 10" Standard Weight, Welded Plain End Black Steel Tee.....	1,909.17	857.17
	For Schedule 80 Or Extra Heavy Fittings, Add	437.81	
	For Work In Restricted Working Space, Add	385.55	
23 21 13 23-0471	EA 12" Standard Weight, Welded Plain End Black Steel Tee.....	2,601.41	1,102.11
	For Schedule 80 Or Extra Heavy Fittings, Add	606.93	
	For Work In Restricted Working Space, Add	495.71	
23 21 13 23-0472	EA 14" Standard Weight, Welded Plain End Black Steel Tee.....	3,453.61	1,285.84
	For Schedule 80 Or Extra Heavy Fittings, Add	833.67	
	For Work In Restricted Working Space, Add	578.33	
23 21 13 23-0473	EA 16" Standard Weight, Welded Plain End Black Steel Tee.....	4,157.97	1,542.97
	For Schedule 80 Or Extra Heavy Fittings, Add	1,004.49	
	For Work In Restricted Working Space, Add	693.99	
23 21 13 23-0474	EA 18" Standard Weight, Welded Plain End Black Steel Tee.....	5,583.55	1,714.42
	For Schedule 80 Or Extra Heavy Fittings, Add	1,405.18	
	For Work In Restricted Working Space, Add	771.10	
23 21 13 23-0475	EA 20" Standard Weight, Welded Plain End Black Steel Tee.....	7,543.64	1,928.76
	For Schedule 80 Or Extra Heavy Fittings, Add	1,959.47	
	For Work In Restricted Working Space, Add	867.49	
23 21 13 23-0476	EA 24" Standard Weight, Welded Plain End Black Steel Tee.....	8,788.26	2,077.12
	For Schedule 80 Or Extra Heavy Fittings, Add	2,309.50	
	For Work In Restricted Working Space, Add	934.22	
23 21 13 23-0477	Welded Plain End Black Steel Reducing Tees <small>(23 21 13 23-0393)</small>		
23 21 13 23-0478	EA 3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	202.09	98.70
	For Schedule 80 Or Extra Heavy Fittings, Add	45.09	
	For Work In Restricted Working Space, Add	44.39	
23 21 13 23-0479	EA 1" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	206.82	101.85
	For Schedule 80 Or Extra Heavy Fittings, Add	46.01	
	For Work In Restricted Working Space, Add	45.80	
23 21 13 23-0480	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	231.64	113.30
	For Schedule 80 Or Extra Heavy Fittings, Add	51.66	
	For Work In Restricted Working Space, Add	50.96	
23 21 13 23-0481	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	252.70	127.34
	For Schedule 80 Or Extra Heavy Fittings, Add	55.76	
	For Work In Restricted Working Space, Add	57.27	
23 21 13 23-0482	EA 2" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	320.35	170.00
	For Schedule 80 Or Extra Heavy Fittings, Add	69.34	
	For Work In Restricted Working Space, Add	76.49	
23 21 13 23-0483	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	358.19	191.10
	For Schedule 80 Or Extra Heavy Fittings, Add	77.38	
	For Work In Restricted Working Space, Add	85.94	
23 21 13 23-0484	EA 3" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	427.20	231.95
	For Schedule 80 Or Extra Heavy Fittings, Add	91.68	
	For Work In Restricted Working Space, Add	104.24	
23 21 13 23-0485	EA 4" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	613.32	335.13
	For Schedule 80 Or Extra Heavy Fittings, Add	131.25	
	For Work In Restricted Working Space, Add	150.71	
23 21 13 23-0486	EA 6" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	1,031.89	553.63
	For Schedule 80 Or Extra Heavy Fittings, Add	222.41	
	For Work In Restricted Working Space, Add	249.01	
23 21 13 23-0487	EA 8" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	1,475.42	734.74
	For Schedule 80 Or Extra Heavy Fittings, Add	326.96	
	For Work In Restricted Working Space, Add	330.47	
23 21 13 23-0488	EA 10" Standard Weight, Welded Plain End Black Steel Reducing Tee.....	1,912.01	857.17
	For Schedule 80 Or Extra Heavy Fittings, Add	438.66	
	For Work In Restricted Working Space, Add	385.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
23 21	13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,605.71 608.22 495.71	1,102.11	
23 21	13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,460.54 835.75 578.33	1,285.84	
23 21	13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,166.36 1,007.01 693.99	1,542.97	
23 21	13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,597.28 1,409.30 771.10	1,714.42	
23 21	13 23-0493	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,676.98 1,999.47 867.49	1,928.76	
23 21	13 23-0494	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,383.89 2,488.19 934.22	2,077.12	
23 21	13 23-0495	Welded Plain End Black Steel Eccentric Reducers <small>(23 21 13 23-0393)</small>				
23 21	13 23-0496	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.66 39.03 27.92	62.07	
23 21	13 23-0497	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.72 40.79 30.63	68.12	
23 21	13 23-0498	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	169.35 40.33 29.92	66.53	
23 21	13 23-0499	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.70 42.94 33.93	75.44	
23 21	13 23-0500	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.02 41.63 31.92	70.98	
23 21	13 23-0501	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	173.64 41.17 31.21	69.39	
23 21	13 23-0502	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.21 38.98 40.51	90.07	
23 21	13 23-0503	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.04 45.98 39.23	87.20	
23 21	13 23-0504	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.36 44.68 37.22	82.76	
23 21	13 23-0505	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.69 48.17 51.53	114.58	
23 21	13 23-0506	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.47 47.26 46.24	102.80	
23 21	13 23-0507	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.55 60.33 44.95	99.93	
23 21	13 23-0508	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.38 53.67 57.85	128.58	
23 21	13 23-0509	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.17 54.80 57.85	128.58	
23 21	13 23-0510	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.18 57.21 57.85	128.58	
23 21	13 23-0511	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	404.91 86.31 100.48	223.35	
23 21	13 23-0512	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	408.70 87.44 100.48	223.35	
23 21	13 23-0513	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	420.09 90.86 100.48	223.35	
23 21	13 23-0514	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	689.63 149.62 163.63	363.77	
23 21	13 23-0515	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	771.42 174.15 163.63	363.77	
23 21	13 23-0516	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,013.85 217.00 249.01	553.63	
23 21	13 23-0517	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,166.04 262.66 249.01	553.63	
23 21	13 23-0518	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,195.26 258.35 286.36	636.67	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0519	EA 10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,378.24 313.25 286.36	636.67
23 21 13 23-0520	EA 10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,618.98 385.47 -212.63 286.36	636.67
23 21 13 23-0521	EA 12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,475.13 327.09 329.84	733.32
23 21 13 23-0522	EA 12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,688.89 391.22 329.84	733.32
23 21 13 23-0523	EA 12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2,050.21 499.62 -304.23 329.84	733.32
23 21 13 23-0524	EA 12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,469.07 325.28 -118.27 329.84	733.32
23 21 13 23-0525	EA 14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,944.55 448.42 385.55	857.17
23 21 13 23-0526	EA 14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,057.12 482.19 385.55	857.17
23 21 13 23-0527	EA 14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,179.39 818.88 385.55	857.17
23 21 13 23-0528	EA 16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,454.28 584.47 433.74	964.38
23 21 13 23-0529	EA 16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,785.68 683.89 433.74	964.38
23 21 13 23-0530	EA 16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2,914.68 722.59 -470.04 433.74	964.38
23 21 13 23-0531	EA 16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,367.96 1,158.58 433.74	964.38
23 21 13 23-0532	EA 16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,091.13 1,375.53 433.74	964.38
23 21 13 23-0533	EA 18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,469.05 867.22 495.71	1,102.11
23 21 13 23-0534	EA 18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,978.11 419.94 -104.24 495.71	1,102.11
23 21 13 23-0535	EA 18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3,643.18 919.46 -637.06 495.71	1,102.11
23 21 13 23-0536	EA 18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,899.94 996.48 495.71	1,102.11
23 21 13 23-0537	EA 18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	6,070.56 1,647.67 495.71	1,102.11
23 21 13 23-0538	EA 20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4,147.29 1,048.30 -730.15 559.67	1,244.29
23 21 13 23-0539	EA 20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4,141.40 1,046.54 -728.27 559.67	1,244.29
23 21 13 23-0540	EA 20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7,012.96 1,908.00 -1,647.17 559.67	1,244.29
23 21 13 23-0541	EA 20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	8,164.77 2,253.55 559.67	1,244.29
23 21 13 23-0542	EA 20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,892.55 2,771.88 559.67	1,244.29
23 21 13 23-0543	EA 24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4,919.47 1,273.43 -957.35 578.33	1,285.84
23 21 13 23-0544	EA 24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5,267.59 1,377.86 -1,068.75 578.33	1,285.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0545 EA 24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6,884.99 1,863.08 -1,586.32 578.33	1,285.84
23 21 13 23-0546 EA 24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,894.84 2,766.04 578.33	1,285.84
23 21 13 23-0547 EA 24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	12,151.67 3,443.09 578.33	1,285.84
23 21 13 23-0548 Welded Plain End Black Steel Concentric Reducers <small>(23 21 13 23-0393)</small>		
23 21 13 23-0549 EA 1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.43 33.56 27.92	62.07
23 21 13 23-0550 EA 1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.49 35.33 30.63	68.12
23 21 13 23-0551 EA 1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.12 34.86 29.92	66.53
23 21 13 23-0552 EA 1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	164.47 37.47 33.93	75.44
23 21 13 23-0553 EA 1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.79 36.16 31.92	70.98
23 21 13 23-0554 EA 1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	155.41 35.70 31.21	69.39
23 21 13 23-0555 EA 2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.92 36.20 40.51	90.07
23 21 13 23-0556 EA 2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.63 35.36 39.23	87.20
23 21 13 23-0557 EA 2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	169.60 37.85 37.22	82.76
23 21 13 23-0558 EA 2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.95 46.15 51.53	114.58
23 21 13 23-0559 EA 2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	207.68 46.12 46.24	102.80
23 21 13 23-0560 EA 2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	221.50 50.72 44.95	99.93
23 21 13 23-0561 EA 3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.98 47.85 57.85	128.58
23 21 13 23-0562 EA 3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.51 48.61 57.85	128.58
23 21 13 23-0563 EA 3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.00 50.25 57.85	128.58
23 21 13 23-0564 EA 4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	378.77 78.46 100.48	223.35
23 21 13 23-0565 EA 4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	388.47 81.37 100.48	223.35
23 21 13 23-0566 EA 4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	388.47 81.37 100.48	223.35
23 21 13 23-0567 EA 6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	637.37 133.94 163.63	363.77
23 21 13 23-0568 EA 6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	656.75 139.75 163.63	363.77
23 21 13 23-0569 EA 8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	950.60 198.03 249.01	553.63
23 21 13 23-0570 EA 8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	985.18 208.40 249.01	553.63
23 21 13 23-0571 EA 10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,188.52 256.33 286.36	636.67
23 21 13 23-0572 EA 10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,174.18 252.03 286.36	636.67
23 21 13 23-0573 EA 10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,354.63 306.16 286.36	636.67

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 21	13 23-0574	EA 12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,388.71 301.17 329.84		733.32
23 21	13 23-0575	EA 12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,432.03 314.16 329.84		733.32
23 21	13 23-0576	EA 12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,447.72 318.87 329.84		733.32
23 21	13 23-0577	EA 12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,907.70 456.86 329.84		733.32
23 21	13 23-0578	EA 14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,720.26 381.14 385.55		857.17
23 21	13 23-0579	EA 14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,880.89 429.33 385.55		857.17
23 21	13 23-0580	EA 14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,020.44 471.19 385.55		857.17
23 21	13 23-0581	EA 14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,559.77 632.99 385.55		857.17
23 21	13 23-0582	EA 16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,207.23 510.36 433.74		964.38
23 21	13 23-0583	EA 16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,207.23 510.36 433.74		964.38
23 21	13 23-0584	EA 16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,287.33 534.39 433.74		964.38
23 21	13 23-0585	EA 16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,553.36 614.20 433.74		964.38
23 21	13 23-0586	EA 16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,655.12 944.73 433.74		964.38
23 21	13 23-0587	EA 18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,484.19 571.76 495.71		1,102.11
23 21	13 23-0588	EA 18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,689.52 633.36 495.71		1,102.11
23 21	13 23-0589	EA 18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,775.52 659.16 495.71		1,102.11
23 21	13 23-0590	EA 18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,009.50 729.35 495.71		1,102.11
23 21	13 23-0591	EA 18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,698.42 1,536.03 495.71		1,102.11
23 21	13 23-0592	EA 20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,293.11 792.05 559.67		1,244.29
23 21	13 23-0593	EA 20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,293.11 792.05 559.67		1,244.29
23 21	13 23-0594	EA 20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,351.72 809.63 559.67		1,244.29
23 21	13 23-0595	EA 20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,698.71 913.73 559.67		1,244.29
23 21	13 23-0596	EA 20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,302.43 1,094.85 559.67		1,244.29
23 21	13 23-0597	EA 24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,542.52 860.34 578.33		1,285.84
23 21	13 23-0598	EA 24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,579.19 871.34 578.33		1,285.84
23 21	13 23-0599	EA 24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,650.86 892.84 578.33		1,285.84
23 21	13 23-0600	EA 24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,310.30 1,390.68 578.33		1,285.84
23 21	13 23-0601	EA 24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,637.89 1,488.95 578.33		1,285.84
23 21	13 23-0602	Welded Plain End Black Steel Caps <small>(23 21 13 23-0393)</small>			
23 21	13 23-0603	EA 1" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.20 11.79 14.32		31.88

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0604	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.69 12.84 15.75	35.03
23 21 13 23-0605	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.32 13.39 16.32	36.27
23 21 13 23-0606	EA	2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.61 16.07 20.91	46.49
23 21 13 23-0607	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.91 18.57 25.20	56.03
23 21 13 23-0608	EA	3" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.55 22.55 29.07	64.62
23 21 13 23-0609	EA	4" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.27 36.75 50.24	111.68
23 21 13 23-0610	EA	6" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	323.79 62.55 83.00	184.50
23 21 13 23-0611	EA	8" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	536.33 102.70 139.69	310.61
23 21 13 23-0612	EA	10" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	613.55 122.88 146.85	326.54
23 21 13 23-0613	EA	12" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	693.10 140.68 161.39	358.83
23 21 13 23-0614	EA	14" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	934.18 199.93 192.78	428.58
23 21 13 23-0615	EA	16" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,084.93 232.20 223.87	497.72
23 21 13 23-0616	EA	18" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,215.73 261.45 247.85	551.10
23 21 13 23-0617		150 LB, Welded Plain End Black Steel Neck Flanges (23 21 13 23-0393) Note: 150 LB.		
23 21 13 23-0618	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.84 34.38 32.37	71.97
23 21 13 23-0619	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.57 37.19 40.39	89.82
23 21 13 23-0620	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	186.91 39.24 46.19	102.71
23 21 13 23-0621	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	245.09 50.72 60.93	135.45
23 21 13 23-0622	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	372.53 77.56 92.37	205.41
23 21 13 23-0623	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	413.81 103.66 93.78	208.55
23 21 13 23-0624	EA	10", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	539.96 144.68 117.63	261.49
23 21 13 23-0625	EA	12", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	660.47 197.63 133.46	296.72
23 21 13 23-0626	EA	14", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	865.28 285.60 161.39	358.83
23 21 13 23-0627	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,136.58 423.60 187.57	417.02
23 21 13 23-0628	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,410.91 570.54 210.30	467.55
23 21 13 23-0629	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,788.87 722.82 266.92	593.45
23 21 13 23-0630	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,031.59 848.60 289.16	642.92
23 21 13 23-0631		150 LB, Welded Black Steel Slip-On Flanges (23 21 13 23-0393)		
23 21 13 23-0632	EA	2", 150 LB, Welded Black Steel Slip-On Flanges..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	101.92 23.43 25.77	71.97

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0633	EA 2-1/2", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	125.55 29.52 31.50	89.82
23 21 13 23-0634	EA 3", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.27 34.80 37.22	102.71
23 21 13 23-0635	EA 4", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	195.27 46.74 48.68	135.45
23 21 13 23-0636	EA 6", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	289.42 70.76 71.59	205.41
23 21 13 23-0637	EA 8", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	361.98 99.43 85.42	208.55
23 21 13 23-0638	EA 10", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	489.27 157.41 106.77	261.49
23 21 13 23-0639	EA 12", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	637.51 234.24 128.12	296.72
23 21 13 23-0640	EA 14", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	805.72 329.04 149.48	358.83
23 21 13 23-0641	EA 16", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	965.61 430.50 165.49	417.02
23 21 13 23-0642	EA 18", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,069.18 481.27 181.51	467.55
23 21 13 23-0643	EA 20", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,185.99 543.96 197.52	593.45
23 21 13 23-0644	EA 24", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,357.97 613.86 229.55	642.92
23 21 13 23-0645	150 LB, Forged Steel Blind Flanges (23 21 13 23-0393)		
23 21 13 23-0646	EA 2", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.73 20.23 52.26 15.35	25.58
23 21 13 23-0647	EA 2-1/2", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.51 30.55 81.52 18.41	30.69
23 21 13 23-0648	EA 3", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.01 33.53 87.08 24.55	40.92
23 21 13 23-0649	EA 4", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	145.26 45.11 118.45 30.69	51.15
23 21 13 23-0650	EA 6", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	198.09 66.04 176.19 39.90	66.50
23 21 13 23-0651	EA 8", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	256.72 98.72 270.84 46.04	76.73
23 21 13 23-0652	EA 10", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	385.80 180.66 511.58 55.25	92.07
23 21 13 23-0653	EA 12", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	500.26 250.89 717.23 64.45	107.42
23 21 13 23-0654	EA 14", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	833.19 495.91 73.66	122.77
23 21 13 23-0655	EA 16", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	895.65 524.55 82.87	138.11
23 21 13 23-0656	EA 18", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,010.39 573.67 101.28	168.80
23 21 13 23-0657	EA 20", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,289.45 775.59 110.49	184.15
23 21 13 23-0658	EA 24", 150 LB, Forged Steel Blind Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,748.46 1,100.14 128.90	214.84
23 21 13 23-0659	3,000 LB, Forge Steel Thread-O-Lets (23 21 13 23-0393)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0660	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let.....	68.57	
			For Weld-O-Lets, Add	4.22	
			For Sock-O-Lets, Add	26.48	
			For Work In Restricted Working Space, Add	18.04	
23 21	13 23-0661	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let.....	72.90	
			For Weld-O-Lets, Add	4.95	
			For Sock-O-Lets, Add	28.20	
			For Work In Restricted Working Space, Add	18.90	
23 21	13 23-0662	EA	1", 3,000 LB, Forge Steel Thread-O-Let.....	77.91	
			For Weld-O-Lets, Add	5.55	
			For Sock-O-Lets, Add	30.16	
			For Work In Restricted Working Space, Add	20.04	
23 21	13 23-0663	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let.....	87.33	
			For Weld-O-Lets, Add	7.87	
			For Sock-O-Lets, Add	33.97	
			For Work In Restricted Working Space, Add	21.48	
23 21	13 23-0664	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let.....	96.88	
			For Weld-O-Lets, Add	7.87	
			For Sock-O-Lets, Add	37.60	
			For Work In Restricted Working Space, Add	24.34	
23 21	13 23-0665	EA	2", 3,000 LB, Forge Steel Thread-O-Let.....	125.75	
			For Weld-O-Lets, Add	9.85	
			For Sock-O-Lets, Add	48.77	
			For Work In Restricted Working Space, Add	31.82	
23 21	13 23-0666	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let.....	207.79	
			For Weld-O-Lets, Add	35.72	
			For Sock-O-Lets, Add	82.53	
			For Work In Restricted Working Space, Add	40.91	
23 21	13 23-0667	EA	3", 3,000 LB, Forge Steel Thread-O-Let.....	262.77	
			For Weld-O-Lets, Add	35.93	
			For Sock-O-Lets, Add	103.45	
			For Work In Restricted Working Space, Add	57.27	
23 21	13 23-0668	EA	4", 3,000 LB, Forge Steel Thread-O-Let.....	379.30	
			For Weld-O-Lets, Add	70.33	
			For Sock-O-Lets, Add	151.17	
			For Work In Restricted Working Space, Add	71.59	
23 21	13 23-0669		Class 150 Flange, Steel Bolt And Gasket Sets <small>(23 21 13 23-0393)</small>		
			Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0670	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	12.95	
			Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	3.63	
			For Hot Dip Galvanized, Add	5.18	
			For Advanced Fluoropolymer (Blue Coating), Add	9.07	
23 21	13 23-0671	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	16.52	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.63	
			For Hot Dip Galvanized, Add	6.61	
			For Advanced Fluoropolymer (Blue Coating), Add	11.56	
23 21	13 23-0672	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	16.67	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.67	
			For Hot Dip Galvanized, Add	6.67	
			For Advanced Fluoropolymer (Blue Coating), Add	11.67	
23 21	13 23-0673	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	16.73	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	4.68	
			For Hot Dip Galvanized, Add	6.69	
			For Advanced Fluoropolymer (Blue Coating), Add	11.71	
23 21	13 23-0674	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	37.88	
			Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	10.61	
			For Hot Dip Galvanized, Add	15.15	
			For Advanced Fluoropolymer (Blue Coating), Add	26.52	
23 21	13 23-0675	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	54.14	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	15.16	
			For Hot Dip Galvanized, Add	21.66	
			For Advanced Fluoropolymer (Blue Coating), Add	37.90	
23 21	13 23-0676	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	58.47	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	16.37	
			For Hot Dip Galvanized, Add	23.39	
			For Advanced Fluoropolymer (Blue Coating), Add	40.93	
23 21	13 23-0677	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	63.92	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	17.90	
			For Hot Dip Galvanized, Add	25.57	
			For Advanced Fluoropolymer (Blue Coating), Add	44.74	
23 21	13 23-0678	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	141.97	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	39.75	
			For Hot Dip Galvanized, Add	56.79	
			For Advanced Fluoropolymer (Blue Coating), Add	99.38	
23 21	13 23-0679	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	144.27	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	40.40	
			For Hot Dip Galvanized, Add	57.71	
			For Advanced Fluoropolymer (Blue Coating), Add	100.99	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0680	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	161.76	
		Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	45.29	
		For Hot Dip Galvanized, Add	64.70	
		For Advanced Fluoropolymer (Blue Coating), Add	113.23	
23 21 13 23-0681	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	269.62	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	75.49	
		For Hot Dip Galvanized, Add	107.85	
		For Advanced Fluoropolymer (Blue Coating), Add	188.73	
23 21 13 23-0682	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	389.60	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	109.09	
		For Hot Dip Galvanized, Add	155.84	
		For Advanced Fluoropolymer (Blue Coating), Add	272.72	
23 21 13 23-0683	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	492.13	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	137.80	
		For Hot Dip Galvanized, Add	196.85	
		For Advanced Fluoropolymer (Blue Coating), Add	344.49	
23 21 13 23-0684	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	702.19	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	196.61	
		For Hot Dip Galvanized, Add	280.88	
		For Advanced Fluoropolymer (Blue Coating), Add	491.53	
23 21 13 23-0685	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,108.82	
		Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	310.47	
		For Hot Dip Galvanized, Add	443.53	
		For Advanced Fluoropolymer (Blue Coating), Add	776.17	
23 21 13 23-0686	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,579.02	
		Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	442.13	
		For Hot Dip Galvanized, Add	631.61	
		For Advanced Fluoropolymer (Blue Coating), Add	1,105.31	
23 21 13 23-0687		Class 300 Flange, Steel Bolt And Gasket Sets <small>(23 21 13 23-0687)</small>		
		Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21 13 23-0688	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	20.23	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	5.66	
		For Hot Dip Galvanized, Add	8.09	
		For Advanced Fluoropolymer (Blue Coating), Add	14.16	
23 21 13 23-0689	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	37.97	
		Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	10.63	
		For Hot Dip Galvanized, Add	15.19	
		For Advanced Fluoropolymer (Blue Coating), Add	26.58	
23 21 13 23-0690	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	59.65	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	16.70	
		For Hot Dip Galvanized, Add	23.86	
		For Advanced Fluoropolymer (Blue Coating), Add	41.76	
23 21 13 23-0691	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	64.80	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	18.14	
		For Hot Dip Galvanized, Add	25.92	
		For Advanced Fluoropolymer (Blue Coating), Add	45.36	
23 21 13 23-0692	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	66.10	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	18.51	
		For Hot Dip Galvanized, Add	26.44	
		For Advanced Fluoropolymer (Blue Coating), Add	46.27	
23 21 13 23-0693	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	70.04	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	19.61	
		For Hot Dip Galvanized, Add	28.02	
		For Advanced Fluoropolymer (Blue Coating), Add	49.03	
23 21 13 23-0694	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	101.92	
		Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	28.54	
		For Hot Dip Galvanized, Add	40.77	
		For Advanced Fluoropolymer (Blue Coating), Add	71.34	
23 21 13 23-0695	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	158.44	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	44.36	
		For Hot Dip Galvanized, Add	63.38	
		For Advanced Fluoropolymer (Blue Coating), Add	110.91	
23 21 13 23-0696	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	291.80	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	81.70	
		For Hot Dip Galvanized, Add	116.72	
		For Advanced Fluoropolymer (Blue Coating), Add	204.26	
23 21 13 23-0697	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	421.98	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	118.15	
		For Hot Dip Galvanized, Add	168.79	
		For Advanced Fluoropolymer (Blue Coating), Add	295.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0698	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	578.13 161.88 231.25 404.69	
23 21	13 23-0699	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	799.32 223.81 319.73 559.52	
23 21	13 23-0700	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	1,025.84 287.24 410.34 718.09	
23 21	13 23-0701	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	1,088.09 304.67 435.24 761.66	
23 21	13 23-0702	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	1,378.05 385.85 551.22 964.64	
23 21	13 23-0703	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	2,161.09 605.11 864.44 1,512.76	
23 21	13 23-0704	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	3,288.62 920.81 1,315.45 2,302.03	
23 21	13 23-0705		Class 150 Flange, Stainless Steel Bolt And Gasket Sets <small>(23 21 13 23-0393)</small> Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0706	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	12.95	
23 21	13 23-0707	EA	2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	33.92	
23 21	13 23-0708	EA	2-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	33.98	
23 21	13 23-0709	EA	3" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	34.03	
23 21	13 23-0710	EA	4" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	71.95	
23 21	13 23-0711	EA	5" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	91.32	
23 21	13 23-0712	EA	6" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	103.02	
23 21	13 23-0713	EA	8" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	103.60	
23 21	13 23-0714	EA	10" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	267.27	
23 21	13 23-0715	EA	12" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	268.36	
23 21	13 23-0716	EA	14" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	406.18	
23 21	13 23-0717	EA	16" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	541.11	
23 21	13 23-0718	EA	18" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	1,406.14	
23 21	13 23-0719	EA	20" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	1,629.14	
23 21	13 23-0720	EA	24" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	1,880.95	
23 21	13 23-0721		150 LB, Rubber Flange Gasket Replacement <small>(23 21 13 23-0393)</small> Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.		
23 21	13 23-0722	EA	1/2", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.58 0.11 2.47 2.85 8.48	
23 21	13 23-0723	EA	3/4", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.58 0.15 3.32 3.83 9.05	
23 21	13 23-0724	EA	1", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.72 0.26 5.80 6.68 9.89	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0725	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	36.66	
		For 300 LB Rating Gasket Set, Add	0.30	
		For 150 LB Rating Teflon Gasket Set, Add	6.65	
		For 300 LB Rating Teflon Gasket Set, Add	7.65	
		For Work In Restricted Working Space, Add	10.74	
23 21 13 23-0726	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	40.65	
		For 300 LB Rating Gasket Set, Add	0.38	
		For 150 LB Rating Teflon Gasket Set, Add	8.35	
		For 300 LB Rating Teflon Gasket Set, Add	9.61	
		For Work In Restricted Working Space, Add	11.87	
23 21 13 23-0727	EA	2", 150 LB, Rubber Flange Gasket Replacement	44.85	
		For 300 LB Rating Gasket Set, Add	0.53	
		For 150 LB Rating Teflon Gasket Set, Add	11.67	
		For 300 LB Rating Teflon Gasket Set, Add	13.44	
		For Work In Restricted Working Space, Add	13.00	
23 21 13 23-0728	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	52.92	
		For 300 LB Rating Gasket Set, Add	0.72	
		For 150 LB Rating Teflon Gasket Set, Add	15.85	
		For 300 LB Rating Teflon Gasket Set, Add	18.25	
		For Work In Restricted Working Space, Add	15.26	
23 21 13 23-0729	EA	3", 150 LB, Rubber Flange Gasket Replacement	56.07	
		For 300 LB Rating Gasket Set, Add	0.83	
		For 150 LB Rating Teflon Gasket Set, Add	18.32	
		For 300 LB Rating Teflon Gasket Set, Add	21.09	
		For Work In Restricted Working Space, Add	16.11	
23 21 13 23-0730	EA	4", 150 LB, Rubber Flange Gasket Replacement	74.55	
		For 300 LB Rating Gasket Set, Add	1.36	
		For 150 LB Rating Teflon Gasket Set, Add	29.99	
		For 300 LB Rating Teflon Gasket Set, Add	34.53	
		For Work In Restricted Working Space, Add	21.20	
23 21 13 23-0731	EA	5", 150 LB, Rubber Flange Gasket Replacement	86.28	
		For 300 LB Rating Gasket Set, Add	1.51	
		For 150 LB Rating Teflon Gasket Set, Add	33.32	
		For 300 LB Rating Teflon Gasket Set, Add	38.36	
		For Work In Restricted Working Space, Add	24.59	
23 21 13 23-0732	EA	6", 150 LB, Rubber Flange Gasket Replacement	98.87	
		For 300 LB Rating Gasket Set, Add	1.96	
		For 150 LB Rating Teflon Gasket Set, Add	43.29	
		For 300 LB Rating Teflon Gasket Set, Add	49.84	
		For Work In Restricted Working Space, Add	27.98	
23 21 13 23-0733	EA	8", 150 LB, Rubber Flange Gasket Replacement	121.25	
		For 300 LB Rating Gasket Set, Add	2.87	
		For 150 LB Rating Teflon Gasket Set, Add	63.31	
		For 300 LB Rating Teflon Gasket Set, Add	72.89	
		For Work In Restricted Working Space, Add	33.92	
23 21 13 23-0734	EA	10", 150 LB, Rubber Flange Gasket Replacement	132.23	
		For 300 LB Rating Gasket Set, Add	4.07	
		For 150 LB Rating Teflon Gasket Set, Add	89.98	
		For 300 LB Rating Teflon Gasket Set, Add	103.60	
		For Work In Restricted Working Space, Add	36.18	
23 21 13 23-0735	EA	12", 150 LB, Rubber Flange Gasket Replacement	151.48	
		For 300 LB Rating Gasket Set, Add	5.20	
		For 150 LB Rating Teflon Gasket Set, Add	114.95	
		For 300 LB Rating Teflon Gasket Set, Add	132.34	
		For Work In Restricted Working Space, Add	40.98	
23 21 13 23-0736	EA	14", 150 LB, Rubber Flange Gasket Replacement	159.11	
		For 300 LB Rating Gasket Set, Add	6.22	
		For 150 LB Rating Teflon Gasket Set, Add	137.44	
		For 300 LB Rating Teflon Gasket Set, Add	158.24	
		For Work In Restricted Working Space, Add	42.40	
23 21 13 23-0737	EA	16", 150 LB, Rubber Flange Gasket Replacement	208.26	
		For 300 LB Rating Gasket Set, Add	6.94	
		For 150 LB Rating Teflon Gasket Set, Add	153.29	
		For 300 LB Rating Teflon Gasket Set, Add	176.49	
		For Work In Restricted Working Space, Add	56.53	
23 21 13 23-0738	EA	18", 150 LB, Rubber Flange Gasket Replacement	227.01	
		For 300 LB Rating Gasket Set, Add	7.24	
		For 150 LB Rating Teflon Gasket Set, Add	159.93	
		For 300 LB Rating Teflon Gasket Set, Add	184.14	
		For Work In Restricted Working Space, Add	61.90	
23 21 13 23-0739	EA	20", 150 LB, Rubber Flange Gasket Replacement	273.73	
		For 300 LB Rating Gasket Set, Add	7.77	
		For 150 LB Rating Teflon Gasket Set, Add	171.61	
		For 300 LB Rating Teflon Gasket Set, Add	197.58	
		For Work In Restricted Working Space, Add	75.46	
23 21 13 23-0740		Cut And Prepare For Welding Existing In-Place Black Steel Pipe (23 21 13 23-0393)		
		Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0741	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	20.45	
		For Work In Restricted Working Space, Add	6.14	
23 21 13 23-0742	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	22.09	
		For Work In Restricted Working Space, Add	6.63	
23 21 13 23-0743	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.85	
		For Work In Restricted Working Space, Add	7.46	
23 21 13 23-0744	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.08	
		For Work In Restricted Working Space, Add	7.82	
23 21 13 23-0745	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	27.61	
		For Work In Restricted Working Space, Add	8.28	
23 21 13 23-0746	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.66	
		For Work In Restricted Working Space, Add	8.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0747	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	31.71 9.51	
23 21	13 23-0748	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	34.77 10.43	
23 21	13 23-0749	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	37.84 11.35	
23 21	13 23-0750	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	40.91 12.27	
23 21	13 23-0751	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	43.98 13.19	
23 21	13 23-0752	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	48.07 14.42	
23 21	13 23-0753	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	52.16 15.05	
23 21	13 23-0754	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	56.25 16.88	
23 21	13 23-0755	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	60.34 18.10	
23 21	13 23-0756	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	63.41 19.02	
23 21	13 23-0757	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	66.48 19.94	
23 21	13 23-0758	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	70.57 21.17	
23 21	13 23-0759		Welded Plain End Electric Resistance Black Steel Pipe <small>(23 21 13 23-0393)</small> Note: ASTM A-135.		
23 21	13 23-0760	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	20.36 5.15	10.50
23 21	13 23-0761	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	22.06 5.15	11.46
23 21	13 23-0762	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	22.86 5.05	11.26
23 21	13 23-0763	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	28.72 6.44	14.32
23 21	13 23-0764	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	45.82 9.53	21.19
23 21	13 23-0765	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	56.34 10.94	24.29
23 21	13 23-0766	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	74.89 13.61	30.25
23 21	13 23-0767	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	90.77 16.40	36.48
23 21	13 23-0768	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	116.28 21.30	47.33
23 21	13 23-0769		Flanged Steel Fittings <small>(23 21 13 23)</small> See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0617 for welded neck flange ends.		
23 21	13 23-0770		Flanged Steel Fittings, Standard Weight <small>(23 21 13 23-0769)</small> Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0771		Flanged Steel, 90 Degree Elbows <small>(23 21 13 23-0770)</small>		
23 21	13 23-0772	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	393.65 262.18 393.28	43.98
23 21	13 23-0773	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	439.07 292.49 438.73	48.97
23 21	13 23-0774	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	436.71 284.58 426.88	54.06
23 21	13 23-0775	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	553.65 367.58 551.38	62.81
23 21	13 23-0776	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	772.47 533.59 800.39	70.34
23 21	13 23-0777	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	817.41 555.99 833.99	81.65
23 21	13 23-0778	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,035.95 720.27 1,080.41	90.41
23 21	13 23-0779		Flanged Steel, Reducing 90 Degree Elbows <small>(23 21 13 23-0770)</small>		
23 21	13 23-0780	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	731.74 529.64 794.46	46.53

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0781	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	762.33 548.09 822.13	51.52
23 21	13 23-0782	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	948.90 689.06 1,033.58	58.39
23 21	13 23-0783	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,173.59 864.29 1,296.43	62.16
23 21	13 23-0784	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,336.88 982.86 1,474.30	72.23
23 21	13 23-0785	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,863.20 1,387.34 2,081.02	86.07
23 21	13 23-0786		Flanged Steel, 45 Degree Elbows <small>(23 21 13 23-0770)</small>		
23 21	13 23-0787	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	512.23 357.05 535.57	43.98
23 21	13 23-0788	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	534.59 368.90 553.36	48.97
23 21	13 23-0789	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	555.28 379.44 569.16	54.06
23 21	13 23-0790	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	691.99 478.26 717.38	62.81
23 21	13 23-0791	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	996.45 712.78 1,069.16	70.34
23 21	13 23-0792	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	972.21 679.83 1,019.75	81.65
23 21	13 23-0793	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,146.20 808.47 1,212.71	90.41
23 21	13 23-0794		Flanged Steel, Tees <small>(23 21 13 23-0770)</small>		
23 21	13 23-0795	EA	2" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	505.66 325.42 488.14	65.92
23 21	13 23-0796	EA	2-1/2" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	652.01 433.46 650.20	73.45
23 21	13 23-0797	EA	3" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	595.80 379.45 569.17	80.99
23 21	13 23-0798	EA	4" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	849.41 566.52 849.78	94.27
23 21	13 23-0799	EA	5" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,258.94 880.58 1,320.88	105.57
23 21	13 23-0800	EA	6" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,535.94 1,081.85 1,622.77	122.52
23 21	13 23-0801	EA	8" Standard Weight, Flanged Steel, Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,701.15 1,190.66 1,785.98	141.92
23 21	13 23-0802		Flanged Steel, Reducing Tees <small>(23 21 13 23-0770)</small>		
23 21	13 23-0803	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	796.47 552.04 828.06	71.01
23 21	13 23-0804	EA	3" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	919.76 641.63 962.45	78.54
23 21	13 23-0805	EA	4" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,578.88 1,155.38 1,733.06	89.85
23 21	13 23-0806	EA	5" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,707.04 1,243.58 1,865.36	101.80
23 21	13 23-0807	EA	6" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,144.90 1,575.78 2,363.68	116.87
23 21	13 23-0808	EA	8" Standard Weight, Flanged Steel, Reducing Tee <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,677.04 1,984.18 2,976.26	131.28
23 21	13 23-0809		Flanged Steel, Concentric Reducers <small>(23 21 13 23-0770)</small>		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0810	EA 3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	752.45 540.18 810.28	51.52
23 21	13 23-0811	EA 4" x 3" Standard Weight, Flanged Steel, Concentric Reducer <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	855.03 613.96 920.94	58.39
23 21	13 23-0812	EA 5" x 4" Standard Weight, Flanged Steel, Concentric Reducer <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,267.47 934.12 1,401.18	66.58
23 21	13 23-0813	EA 6" x 4" Standard Weight, Flanged Steel, Concentric Reducer <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,397.82 1,031.62 1,547.42	72.23
23 21	13 23-0814	EA 8" x 6" Standard Weight, Flanged Steel, Concentric Reducer <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,637.57 1,206.84 1,810.26	86.07
23 21 13 23-0815 Flanged Steel, Eccentric Reducers (23 21 13 23-0770)				
23 21	13 23-0816	EA 4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	813.53 580.76 871.14	58.39
23 21	13 23-0817	EA 5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,105.08 804.21 1,206.31	66.58
23 21 13 23-0818 Plain End Couplings And Fittings (23 21 13 23)				
Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.				
23 21 13 23-0819 Plain End Piping System Couplings (23 21 13 23-0818)				
23 21 13 23-0820 Plainlock Plain End Piping System Couplings (23 21 13 23-0819)				
Note: Ductile iron body with gasket, bolts and nuts.				
23 21	13 23-0821	EA 1" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	183.95 35.09	5.65
23 21	13 23-0822	EA 1-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	187.24 35.09	7.81
23 21	13 23-0823	EA 2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	191.06 35.09	10.36
23 21	13 23-0824	EA 2-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	194.31 35.09	12.52
23 21	13 23-0825	EA 3" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	229.70 41.42	15.07
23 21	13 23-0826	EA 4" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	317.06 57.39	20.06
23 21	13 23-0827	EA 6" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	533.47 96.90	32.68
23 21 13 23-0828 Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0819)				
Note: Ductile iron body with gasket, bolts and nuts.				
23 21	13 23-0829	EA 1-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	221.32 52.39	7.81
23 21	13 23-0830	EA 2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	225.14 52.39	10.36
23 21	13 23-0831	EA 2-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	228.40 52.39	12.62
23 21	13 23-0832	EA 3" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	333.01 77.61	15.07
23 21	13 23-0833	EA 3-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	385.63 89.81	17.61
23 21	13 23-0834	EA 4" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	389.36 89.81	20.06
23 21	13 23-0835	EA 5" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	550.92 128.31	25.14
23 21	13 23-0836	EA 6" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	675.80 156.71	32.68
23 21	13 23-0837	EA 8" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,169.92 277.87	38.98
23 21	13 23-0838	EA 10" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,515.25 361.50	46.14
23 21	13 23-0839	EA 12" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,896.39 453.61	54.62
23 21	13 23-0840	EA 14" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	2,667.08 644.13	60.37
23 21	13 23-0841	EA 16" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	3,630.72 882.09	68.27
23 21 13 23-0842 Plain End Piping System Fittings (23 21 13 23-0818)				
Note: Cast ductile iron bodies.				
23 21 13 23-0843 Plain End Piping System, 90 Degree Elbows (23 21 13 23-0842)				
23 21	13 23-0844	EA 1" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	181.04 33.13	10.27
23 21	13 23-0845	EA 1-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	188.96 33.13	15.54

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR TOTAL DIRECT DEMOLITION
CSI UOM DESCRIPTION UNIT COST UNIT COST

Table with 4 columns: ID, Description, Unit Cost, Demolition Unit Cost. Rows include items 23 21 13 23-0846 through 23 21 13 23-0854, detailing piping systems and fittings with their respective costs.

23 21 13 23-0855 Plain End Piping System, 45 Degree Elbows (23 21 13 23-0842)

Table with 4 columns: ID, Description, Unit Cost, Demolition Unit Cost. Rows include items 23 21 13 23-0856 through 23 21 13 23-0866, detailing piping systems and fittings with their respective costs.

23 21 13 23-0867 Plain End Piping System, Tees (23 21 13 23-0842)

Table with 4 columns: ID, Description, Unit Cost, Demolition Unit Cost. Rows include items 23 21 13 23-0868 through 23 21 13 23-0878, detailing piping systems and fittings with their respective costs.

23 21 13 23-0879 Plain End Piping System, Reducing Tees (23 21 13 23-0842)

Table with 4 columns: ID, Description, Unit Cost, Demolition Unit Cost. Rows include items 23 21 13 23-0880 through 23 21 13 23-0887, detailing piping systems and fittings with their respective costs.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0888	EA	12" Plain End Piping System, Reducing Tee For Galvanized Fittings, Add	3,619.07 674.76	163.58
23 21 13 23-0889		Plain End Piping System, Wyes (23 21 13 23-0842)		
23 21 13 23-0890	EA	2" Plain End Piping System, Wye For Galvanized Fittings, Add	698.66 130.68	30.23
23 21 13 23-0891	EA	2-1/2" Plain End Piping System, Wye For Galvanized Fittings, Add	708.91 130.68	37.01
23 21 13 23-0892	EA	3" Plain End Piping System, Wye For Galvanized Fittings, Add	802.68 146.89	45.49
23 21 13 23-0893	EA	4" Plain End Piping System, Wye For Galvanized Fittings, Add	1,178.33 218.03	58.86
23 21 13 23-0894	EA	5" Plain End Piping System, Wye For Galvanized Fittings, Add	1,441.98 265.31	76.94
23 21 13 23-0895	EA	6" Plain End Piping System, Wye For Galvanized Fittings, Add	1,971.17 365.35	96.34
23 21 13 23-0896	EA	8" Plain End Piping System, Wye For Galvanized Fittings, Add	2,541.44 473.15	117.15
23 21 13 23-0897	EA	10" Plain End Piping System, Wye For Galvanized Fittings, Add	3,693.31 697.72	136.55
23 21 13 23-0898	EA	12" Plain End Piping System, Wye For Galvanized Fittings, Add	5,623.21 1,075.59	163.58
23 21 13 23-0899		Plain End Piping System, Laterals (23 21 13 23-0842)		
23 21 13 23-0900	EA	2" Plain End Piping System, Lateral For Galvanized Fittings, Add	744.87 139.92	30.23
23 21 13 23-0901	EA	2-1/2" Plain End Piping System, Lateral For Galvanized Fittings, Add	755.12 139.92	37.01
23 21 13 23-0902	EA	3" Plain End Piping System, Lateral For Galvanized Fittings, Add	848.58 156.07	45.49
23 21 13 23-0903	EA	4" Plain End Piping System, Lateral For Galvanized Fittings, Add	1,265.99 235.56	58.86
23 21 13 23-0904	EA	5" Plain End Piping System, Lateral For Galvanized Fittings, Add	1,650.76 307.07	76.94
23 21 13 23-0905	EA	6" Plain End Piping System, Lateral For Galvanized Fittings, Add	2,105.50 392.21	96.34
23 21 13 23-0906	EA	8" Plain End Piping System, Lateral For Galvanized Fittings, Add	3,034.86 571.83	117.15
23 21 13 23-0907	EA	10" Plain End Piping System, Lateral For Galvanized Fittings, Add	4,240.76 807.21	136.55
23 21 13 23-0908	EA	12" Plain End Piping System, Lateral For Galvanized Fittings, Add	5,704.57 1,091.86	163.58
23 21 13 23-0909		Plain End Piping System, Crosses (23 21 13 23-0842)		
23 21 13 23-0910	EA	2" Plain End Piping System, Cross For Galvanized Fittings, Add	827.47 94.95	45.30
23 21 13 23-0911	EA	2-1/2" Plain End Piping System, Cross For Galvanized Fittings, Add	842.82 94.95	55.47
23 21 13 23-0912	EA	3" Plain End Piping System, Cross For Galvanized Fittings, Add	983.42 110.13	68.27
23 21 13 23-0913	EA	4" Plain End Piping System, Cross For Galvanized Fittings, Add	1,342.62 151.29	88.25
23 21 13 23-0914	EA	5" Plain End Piping System, Cross For Galvanized Fittings, Add	1,892.23 214.89	115.46
23 21 13 23-0915	EA	6" Plain End Piping System, Cross For Galvanized Fittings, Add	2,485.95 283.74	144.09
23 21 13 23-0916	EA	8" Plain End Piping System, Cross For Galvanized Fittings, Add	3,173.71 364.02	174.50
23 21 13 23-0917	EA	10" Plain End Piping System, Cross For Galvanized Fittings, Add	4,554.73 531.12	203.98
23 21 13 23-0918	EA	12" Plain End Piping System, Cross For Galvanized Fittings, Add	6,494.55 765.84	245.42
23 21 13 23-0919		Plain End Piping System, Adapter Nipples (23 21 13 23-0842)		
Note: Plain to threaded, plain to beveled or plain to grooved.				
23 21 13 23-0920	EA	1" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	24.96 4.12	5.65
23 21 13 23-0921	EA	1-1/2" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	28.70 4.23	7.81
23 21 13 23-0922	EA	2" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	32.42 4.23	10.36
23 21 13 23-0923	EA	2-1/2" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	38.68 4.96	12.52
23 21 13 23-0924	EA	3" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	47.12 6.13	15.07
23 21 13 23-0925	EA	4" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	71.13 10.25	20.06
23 21 13 23-0926	EA	6" Plain End Piping System, Adapter Nipple For Galvanized Fittings, Add	148.54 27.72	25.14
23 21 13 23-0927		Plain End Piping System, Reducing (Swaged) Nipples (23 21 13 23-0842)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21	13 23-0928 EA 1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	75.64 13.85	13.47
23 21	13 23-0929 EA 2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	79.42 13.85	16.01
23 21	13 23-0930 EA 2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	83.22 13.85	18.56
23 21	13 23-0931 EA 2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	82.29 13.85	17.98
23 21	13 23-0932 EA 2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	86.01 13.85	20.44
23 21	13 23-0933 EA 2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	89.76 13.85	22.88
23 21	13 23-0934 EA 3" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	98.48 16.87	20.72
23 21	13 23-0935 EA 3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	101.83 16.87	22.88
23 21	13 23-0936 EA 3" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	90.04 12.97	25.43
23 21	13 23-0937 EA 3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	97.33 12.97	30.32
23 21	13 23-0938 EA 3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	110.99 15.51	32.68
23 21	13 23-0939 EA 4" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	133.45 23.72	25.71
23 21	13 23-0940 EA 4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	136.75 23.72	27.97
23 21	13 23-0941 EA 4" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	117.54 17.96	30.52
23 21	13 23-0942 EA 4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	120.78 17.96	32.68
23 21	13 23-0943 EA 4" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	124.62 17.96	35.22
23 21	13 23-0944 EA 4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	128.29 17.96	37.67
23 21	13 23-0945 EA 5" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	317.43 66.04	35.50
23 21	13 23-0946 EA 5" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	264.11 50.97	40.12
23 21	13 23-0947 EA 5" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	235.63 41.95	45.30
23 21	13 23-0948 EA 6" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	560.75 125.83	38.33
23 21	13 23-0949 EA 6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	564.01 125.83	40.49
23 21	13 23-0950 EA 6" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	436.78 93.07	43.04
23 21	13 23-0951 EA 6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	440.13 93.07	45.30
23 21	13 23-0952 EA 6" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	312.83 60.32	47.74
23 21	13 23-0953 EA 6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	316.25 60.32	50.01
23 21	13 23-0954 EA 6" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	261.98 45.75	52.74
23 21	13 23-0955 EA 6" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	296.36 52.45	57.73
23 21	13 23-0956 EA 8" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	371.87 72.74	53.96
23 21	13 23-0957 EA 8" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	379.48 72.74	59.05
23 21	13 23-0958 EA 8" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	427.10 82.75	64.13
23 21	13 23-0959 EA 8" x 6" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	478.55 92.76	71.67
23 21	13 23-0960 Plain End Piping System, Bull Plugs <small>(23 21 13 23-0842)</small>		
23 21	13 23-0961 EA 1" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	368.64 108.05	5.65
23 21	13 23-0962 EA 1-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	371.93 108.05	7.81
23 21	13 23-0963 EA 2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	375.65 108.05	10.36
23 21	13 23-0964 EA 2-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	378.99 108.05	12.52
23 21	13 23-0965 EA 3" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	550.56 158.39	15.07
23 21	13 23-0966 EA 4" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	712.07 204.58	20.06
23 21	13 23-0967 EA 5" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	1,242.80 361.54	25.14
23 21	13 23-0968 EA 6" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	1,656.31 482.21	32.68
23 21	13 23-0969 EA 8" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	3,080.27 906.57	38.89
23 21	13 23-0970 EA 10" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	5,553.97 1,645.72	45.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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			23 21 13 23-0971 EA 12" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	8,517.99	54.62
				2,530.82	
23 21 13 23-0972 Carbon Steel Piping Systems <small>(23 21 13 23)</small>					
23 21 13 23-0973 Class 3,000 LB Carbon Steel Socket Weld Fittings <small>(23 21 13 23-0972)</small>					
Note: ASTM A105					
23 21 13 23-0974 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-0975 EA 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	34.38	18.65
			23 21 13 23-0976 EA 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	38.64	20.81
			23 21 13 23-0977 EA 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	48.53	23.26
			23 21 13 23-0978 EA 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	64.95	26.37
			23 21 13 23-0979 EA 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	74.15	29.66
			23 21 13 23-0980 EA 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	100.07	37.77
			23 21 13 23-0981 EA 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	194.09	55.84
			23 21 13 23-0982 EA 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	274.90	73.45
			23 21 13 23-0983 EA 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	464.32	76.36
23 21 13 23-0984 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-0985 EA 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	37.24	18.65
			23 21 13 23-0986 EA 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	42.96	20.81
			23 21 13 23-0987 EA 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	49.86	23.26
			23 21 13 23-0988 EA 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	66.63	26.37
			23 21 13 23-0989 EA 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	78.18	29.66
			23 21 13 23-0990 EA 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	99.98	37.77
			23 21 13 23-0991 EA 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	218.75	55.84
			23 21 13 23-0992 EA 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	295.77	73.45
			23 21 13 23-0993 EA 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	455.29	76.36
23 21 13 23-0994 Straight Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-0995 EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	42.24	23.26
			23 21 13 23-0996 EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	50.87	26.84
			23 21 13 23-0997 EA 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	66.37	31.73
			23 21 13 23-0998 EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	87.24	37.77
			23 21 13 23-0999 EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	105.55	45.02
			23 21 13 23-1000 EA 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	138.92	55.84
			23 21 13 23-1001 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	243.06	73.45
			23 21 13 23-1002 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	330.39	87.21
			23 21 13 23-1003 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	613.45	96.40
23 21 13 23-1004 Reducing Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-1005 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	43.03	23.26
			23 21 13 23-1006 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	51.68	26.84
			23 21 13 23-1007 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	67.34	31.73
			23 21 13 23-1008 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	89.53	37.77
			23 21 13 23-1009 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	108.23	45.02
			23 21 13 23-1010 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	143.05	55.84
			23 21 13 23-1011 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	252.87	73.45
			23 21 13 23-1012 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	344.50	87.21
			23 21 13 23-1013 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	563.22	96.40
23 21 13 23-1014 Straight Couplings, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-1015 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	30.86	18.65
			23 21 13 23-1016 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	34.75	20.81
			23 21 13 23-1017 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	40.26	23.26
			23 21 13 23-1018 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	46.27	26.37
			23 21 13 23-1019 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	53.64	29.66
			23 21 13 23-1020 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	69.88	37.77
			23 21 13 23-1021 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	117.21	55.84
			23 21 13 23-1022 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	156.34	73.45
			23 21 13 23-1023 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	206.59	76.36
23 21 13 23-1024 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-1025 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	32.45	18.65
			23 21 13 23-1026 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	36.49	20.81
			23 21 13 23-1027 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	43.05	23.26
			23 21 13 23-1028 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	49.65	26.37
			23 21 13 23-1029 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	58.66	29.66
			23 21 13 23-1030 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	75.24	37.77
			23 21 13 23-1031 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	129.01	55.84
			23 21 13 23-1032 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	180.07	73.45
			23 21 13 23-1033 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	255.93	76.36
23 21 13 23-1034 Caps, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0973)</small>					
			23 21 13 23-1035 EA 1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	17.76	8.76
			23 21 13 23-1036 EA 3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	20.08	9.32
			23 21 13 23-1037 EA 1" Cap, Carbon Steel, Socket Weld, 3,000 LB	23.52	10.73

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-1038	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	27.12	11.68
23 21 13 23-1039	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	30.67	11.68
23 21 13 23-1040	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	39.76	14.98
23 21 13 23-1041	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	68.56	18.65
23 21 13 23-1042	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	97.80	22.51
23 21 13 23-1043	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	139.11	26.13

23 21 13 23-1044 Black Cast Iron Square Head Plug (23 21 13 23-0973)

23 21 13 23-1045	EA	1/2" Square Head Plug, Black, Cast Iron.....	12.13	7.44
23 21 13 23-1046	EA	3/4" Square Head Plug, Black, Cast Iron.....	13.64	7.44
23 21 13 23-1047	EA	1" Square Head Plug, Black, Cast Iron.....	19.70	11.30
23 21 13 23-1048	EA	1-1/4" Square Head Plug, Black, Cast Iron.....	20.00	11.30
23 21 13 23-1049	EA	1-1/2" Square Head Plug, Black, Cast Iron.....	21.26	11.30
23 21 13 23-1050	EA	2" Square Head Plug, Black, Cast Iron.....	28.18	14.98
23 21 13 23-1051	EA	2-1/2" Square Head Plug, Black, Cast Iron.....	36.14	18.65
23 21 13 23-1052	EA	3" Square Head Plug, Black, Cast Iron.....	46.97	22.51
23 21 13 23-1053	EA	4" Square Head Plug, Black, Cast Iron.....	54.76	26.13

23 21 13 23-1054 Unions, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-0973)

23 21 13 23-1055	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	51.47	23.26
23 21 13 23-1056	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	57.26	26.84
23 21 13 23-1057	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB.....	72.44	31.73
23 21 13 23-1058	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	90.90	37.77
23 21 13 23-1059	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	109.41	45.02
23 21 13 23-1060	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	136.67	55.84
23 21 13 23-1061	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	226.59	60.65
23 21 13 23-1062	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB.....	302.34	73.45

23 21 13 23-1063 Class 6,000 LB Carbon Steel Socket Weld Fittings (23 21 13 23-0972)

Note: ASTM A105

23 21 13 23-1064 90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)

23 21 13 23-1065	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	37.82	18.65
23 21 13 23-1066	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	42.58	20.81
23 21 13 23-1067	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	55.79	23.26
23 21 13 23-1068	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	78.47	26.37
23 21 13 23-1069	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	89.88	29.66
23 21 13 23-1070	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	123.17	37.77
23 21 13 23-1071	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	252.71	55.84
23 21 13 23-1072	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	362.41	73.45
23 21 13 23-1073	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	650.14	76.36

23 21 13 23-1074 45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)

23 21 13 23-1075	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	42.52	18.65
23 21 13 23-1076	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	49.60	20.81
23 21 13 23-1077	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	58.34	23.26
23 21 13 23-1078	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	81.99	26.37
23 21 13 23-1079	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	97.23	29.66
23 21 13 23-1080	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	124.57	37.77
23 21 13 23-1081	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	295.21	55.84
23 21 13 23-1082	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	400.87	73.45
23 21 13 23-1083	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	648.28	76.36

23 21 13 23-1084 Straight Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)

23 21 13 23-1085	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	49.06	23.26
23 21 13 23-1086	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	60.72	26.84
23 21 13 23-1087	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	83.80	31.73
23 21 13 23-1088	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	115.65	37.77
23 21 13 23-1089	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	140.77	45.02
23 21 13 23-1090	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	190.06	55.84
23 21 13 23-1091	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	366.18	73.45
23 21 13 23-1092	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	515.25	87.21
23 21 13 23-1093	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	1,047.75	96.40

23 21 13 23-1094 Reducing Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)

23 21 13 23-1095	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	43.03	23.26
23 21 13 23-1096	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	51.68	26.84
23 21 13 23-1097	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	67.34	31.73
23 21 13 23-1098	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	89.53	37.77
23 21 13 23-1099	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	108.23	45.02
23 21 13 23-1100	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	143.05	55.84
23 21 13 23-1101	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	252.87	73.45
23 21 13 23-1102	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	344.50	87.21
23 21 13 23-1103	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	563.22	96.40

23 21 13 23-1104 Straight Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)

23 21 13 23-1105	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	32.29	18.65
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1106 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	36.44	20.81
23 21 13 23-1107 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	42.85	23.26
23 21 13 23-1108 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	49.54	26.37
23 21 13 23-1109 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	58.05	29.66
23 21 13 23-1110 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	76.32	37.77
23 21 13 23-1111 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	133.41	55.84
23 21 13 23-1112 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	178.68	73.45
23 21 13 23-1113 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	251.16	76.36
23 21 13 23-1114 Reducing Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)		
23 21 13 23-1115 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	34.64	18.65
23 21 13 23-1116 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	39.02	20.81
23 21 13 23-1117 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	46.98	23.26
23 21 13 23-1118 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	54.52	26.37
23 21 13 23-1119 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	65.44	29.66
23 21 13 23-1120 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	84.21	37.77
23 21 13 23-1121 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	150.75	55.84
23 21 13 23-1122 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	213.64	73.45
23 21 13 23-1123 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	323.85	76.36
23 21 13 23-1124 Caps, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)		
23 21 13 23-1125 EA 1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	20.90	8.76
23 21 13 23-1126 EA 3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	24.19	9.32
23 21 13 23-1127 EA 1" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	28.50	10.73
23 21 13 23-1128 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	33.62	11.68
23 21 13 23-1129 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	39.55	11.68
23 21 13 23-1130 EA 2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	51.35	14.98
23 21 13 23-1131 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	95.84	18.65
23 21 13 23-1132 EA 3" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	140.79	22.51
23 21 13 23-1133 EA 4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	206.14	26.13
23 21 13 23-1134 Black Cast Iron Square Head Plug (23 21 13 23-1063)		
23 21 13 23-1135 EA 1/2" Square Head Plug, Black Cast Iron.....	12.13	7.44
23 21 13 23-1136 EA 3/4" Square Head Plug, Black Cast Iron.....	13.66	7.44
23 21 13 23-1137 EA 1" Square Head Plug, Black Cast Iron.....	19.71	11.30
23 21 13 23-1138 EA 1-1/4" Square Head Plug, Black Cast Iron.....	20.02	11.30
23 21 13 23-1139 EA 1-1/2" Square Head Plug, Black Cast Iron.....	21.28	11.30
23 21 13 23-1140 EA 2" Square Head Plug, Black Cast Iron.....	28.21	14.98
23 21 13 23-1141 EA 2-1/2" Square Head Plug, Black Cast Iron.....	36.18	18.65
23 21 13 23-1142 EA 3" Square Head Plug, Black Cast Iron.....	47.04	22.51
23 21 13 23-1143 EA 4" Square Head Plug, Black Cast Iron.....	54.84	26.13
23 21 13 23-1144 Unions, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1063)		
23 21 13 23-1145 EA 1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	61.61	23.26
23 21 13 23-1146 EA 3/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	67.67	26.84
23 21 13 23-1147 EA 1" Union, Carbon Steel, Socket Weld, 6,000 LB.....	87.65	31.73
23 21 13 23-1148 EA 1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	111.89	37.77
23 21 13 23-1149 EA 1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	135.04	45.02
23 21 13 23-1150 EA 2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	169.05	55.84
23 21 13 23-1151 EA 2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	309.51	60.65
23 21 13 23-1152 EA 3" Union, Carbon Steel, Socket Weld, 6,000 LB.....	419.86	73.45
23 21 13 23-1153 Carbon Steel, Seamless Piping System (23 21 13 23-0972)		
Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1154 Schedule 40, Carbon Steel, Seamless Piping (23 21 13 23-1153)		
Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1155 LF 1/4" ASTM A106 Carbon Steel Pipe, Schedule 40.....	7.13	3.48
For Schedule 80, Add		0.68
23 21 13 23-1156 LF 1/2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	7.44	3.77
For Schedule 80, Add		0.63
For Schedule 160, Add		2.61
23 21 13 23-1157 LF 3/4" ASTM A106 Carbon Steel Pipe, Schedule 40.....	8.20	4.05
For Schedule 80, Add		0.77
For Schedule 160, Add		3.20
23 21 13 23-1158 LF 1" ASTM A106 Carbon Steel Pipe, Schedule 40.....	8.79	4.43
For Schedule 80, Add		0.79
For Schedule 160, Add		3.30
23 21 13 23-1159 LF 1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	11.43	5.46
For Schedule 80, Add		1.17
For Schedule 160, Add		4.86
23 21 13 23-1160 LF 2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	14.18	6.59
For Schedule 80, Add		1.53
For Schedule 160, Add		6.39
23 21 13 23-1161 90 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1153)		
23 21 13 23-1162 EA 1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	25.54	14.31
23 21 13 23-1163 EA 1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	30.72	16.77
23 21 13 23-1164 EA 3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	34.33	18.74
23 21 13 23-1165 EA 1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	39.23	20.91

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1166	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	60.32	26.74
23 21	13 23-1167	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	76.46	34.00
23 21	13 23-1168	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	26.84	14.31
23 21	13 23-1169	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	31.21	16.77
23 21	13 23-1170	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	35.94	18.74
23 21	13 23-1171	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	42.73	20.91
23 21	13 23-1172	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	68.68	26.74
23 21	13 23-1173	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	85.70	34.00
23 21	13 23-1174	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	35.76	16.77
23 21	13 23-1175	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	41.67	18.74
23 21	13 23-1176	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	48.76	20.91
23 21	13 23-1177	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	85.60	26.74
23 21	13 23-1178	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	130.57	34.00
23 21 13 23-1179 45 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1153)					
23 21	13 23-1180	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	28.31	14.31
23 21	13 23-1181	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	31.77	16.77
23 21	13 23-1182	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	35.69	18.74
23 21	13 23-1183	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	40.26	20.91
23 21	13 23-1184	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	56.98	26.74
23 21	13 23-1185	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	81.61	34.00
23 21	13 23-1186	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	28.52	14.31
23 21	13 23-1187	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	32.96	16.77
23 21	13 23-1188	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	37.07	18.74
23 21	13 23-1189	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	43.84	20.91
23 21	13 23-1190	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	67.39	26.74
23 21	13 23-1191	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	88.58	34.00
23 21	13 23-1192	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	38.90	16.77
23 21	13 23-1193	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	47.35	18.74
23 21	13 23-1194	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	50.89	20.91
23 21	13 23-1195	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	97.67	26.74
23 21	13 23-1196	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	131.37	34.00
23 21 13 23-1197 Straight Tees, Screwed Carbon Steel (23 21 13 23-1153)					
23 21	13 23-1198	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	34.00	19.87
23 21	13 23-1199	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	38.65	20.91
23 21	13 23-1200	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	46.13	24.20
23 21	13 23-1201	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	56.36	28.53
23 21	13 23-1202	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	89.25	40.49
23 21	13 23-1203	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	110.66	50.29
23 21	13 23-1204	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	35.12	19.87
23 21	13 23-1205	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	39.38	20.91
23 21	13 23-1206	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	48.55	24.20
23 21	13 23-1207	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	58.43	28.53
23 21	13 23-1208	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	96.43	40.49
23 21	13 23-1209	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	122.53	50.29
23 21	13 23-1210	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	44.84	20.91
23 21	13 23-1211	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	54.42	24.20
23 21	13 23-1212	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	72.93	28.53
23 21	13 23-1213	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	112.91	40.49
23 21	13 23-1214	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	175.07	50.29
23 21 13 23-1215 Crosses, Screwed Carbon Steel (23 21 13 23-1153)					
23 21	13 23-1216	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel.....	50.35	25.14
23 21	13 23-1217	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel.....	59.23	28.25
23 21	13 23-1218	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel.....	63.60	30.13
23 21	13 23-1219	EA	1" Cross, 2,000 LB, Screwed Carbon Steel.....	78.50	36.35
23 21	13 23-1220	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel.....	134.02	50.85
23 21	13 23-1221	EA	2" Cross, 2,000 LB, Screwed Carbon Steel.....	172.42	62.81
23 21	13 23-1222	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel.....	60.60	28.25
23 21	13 23-1223	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel.....	71.45	30.13
23 21	13 23-1224	EA	1" Cross, 3,000 LB, Screwed Carbon Steel.....	85.37	36.35
23 21	13 23-1225	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel.....	143.92	50.85
23 21	13 23-1226	EA	2" Cross, 3,000 LB, Screwed Carbon Steel.....	190.50	62.81
23 21	13 23-1227	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel.....	86.16	28.25
23 21	13 23-1228	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel.....	141.21	30.13
23 21	13 23-1229	EA	1" Cross, 6,000 LB, Screwed Carbon Steel.....	192.86	36.35
23 21	13 23-1230	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel.....	303.76	50.85
23 21	13 23-1231	EA	2" Cross, 6,000 LB, Screwed Carbon Steel.....	334.22	62.81
23 21 13 23-1232 Straight Couplings, Screwed Carbon Steel (23 21 13 23-1153)					
23 21	13 23-1233	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	23.92	14.31
23 21	13 23-1234	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	27.38	16.77
23 21	13 23-1235	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	31.23	18.74
23 21	13 23-1236	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	36.09	20.91
23 21	13 23-1237	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	51.89	26.74
23 21	13 23-1238	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	65.86	34.00
23 21	13 23-1239	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	27.19	14.31
23 21	13 23-1240	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	29.45	16.77
23 21	13 23-1241	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	32.82	18.74
23 21	13 23-1242	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	38.21	20.91

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1243	EA 1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	55.13	26.74
23 21	13 23-1244	EA 2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	77.70	34.00
23 21	13 23-1245	Reducing Couplings, Screwed Carbon Steel <small>(23 21 13 23-1153)</small>		
23 21	13 23-1246	EA 1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	24.37	15.26
23 21	13 23-1247	EA 1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	28.45	16.77
23 21	13 23-1248	EA 3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	32.87	18.74
23 21	13 23-1249	EA 1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	38.36	20.91
23 21	13 23-1250	EA 1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	52.48	26.74
23 21	13 23-1251	EA 2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	69.05	34.00
23 21	13 23-1252	EA 1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	70.40	16.77
23 21	13 23-1253	EA 3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	73.40	18.74
23 21	13 23-1254	EA 1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	85.60	20.91
23 21	13 23-1255	EA 1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	122.35	26.74
23 21	13 23-1256	EA 2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	174.81	34.00
23 21	13 23-1257	Caps, Screwed Carbon Steel <small>(23 21 13 23-1153)</small>		
23 21	13 23-1258	EA 1/4" Cap, 3,000 LB, Screwed Carbon Steel.....	7.16	3.48
23 21	13 23-1259	EA 1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	7.97	3.95
23 21	13 23-1260	EA 3/4" Cap, 3,000 LB, Screwed Carbon Steel.....	9.66	4.52
23 21	13 23-1261	EA 1" Cap, 3,000 LB, Screwed Carbon Steel.....	12.33	5.27
23 21	13 23-1262	EA 1-1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	16.58	6.31
23 21	13 23-1263	EA 2" Cap, 3,000 LB, Screwed Carbon Steel.....	22.92	7.81
23 21	13 23-1264	EA 1/4" Cap, 6,000 LB, Screwed Carbon Steel.....	11.09	3.48
23 21	13 23-1265	EA 1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	10.49	3.95
23 21	13 23-1266	EA 3/4" Cap, 6,000 LB, Screwed Carbon Steel.....	13.76	4.52
23 21	13 23-1267	EA 1" Cap, 6,000 LB, Screwed Carbon Steel.....	15.32	5.27
23 21	13 23-1268	EA 1-1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	28.79	6.31
23 21	13 23-1269	EA 2" Cap, 6,000 LB, Screwed Carbon Steel.....	34.82	7.81
23 21	13 23-1270	Nipples, Screwed Carbon Steel <small>(23 21 13 23-1153)</small>		
23 21	13 23-1271	EA 1/4" Nipple, 2" Long, Screwed Carbon Steel.....	14.67	8.57
23 21	13 23-1272	EA 1/2" Nipple, 2" Long, Screwed Carbon Steel.....	14.95	8.95
23 21	13 23-1273	EA 3/4" Nipple, 2" Long, Screwed Carbon Steel.....	14.85	8.95
23 21	13 23-1274	EA 1" Nipple, 2" Long, Screwed Carbon Steel.....	16.48	9.70
23 21	13 23-1275	EA 1-1/2" Nipple, 2" Long, Screwed Carbon Steel.....	18.70	10.45
23 21	13 23-1276	EA 2" Nipple, 2" Long, Screwed Carbon Steel.....	22.52	13.47
23 21	13 23-1277	EA 1/4" Nipple, 4" Long, Screwed Carbon Steel.....	15.42	8.57
23 21	13 23-1278	EA 1/2" Nipple, 4" Long, Screwed Carbon Steel.....	15.55	8.95
23 21	13 23-1279	EA 3/4" Nipple, 4" Long, Screwed Carbon Steel.....	15.53	8.95
23 21	13 23-1280	EA 1" Nipple, 4" Long, Screwed Carbon Steel.....	17.39	9.70
23 21	13 23-1281	EA 1-1/2" Nipple, 4" Long, Screwed Carbon Steel.....	20.32	10.45
23 21	13 23-1282	EA 2" Nipple, 4" Long, Screwed Carbon Steel.....	24.89	13.47
23 21	13 23-1283	EA 1/4" Nipple, 6" Long, Screwed Carbon Steel.....	17.21	8.57
23 21	13 23-1284	EA 1/2" Nipple, 6" Long, Screwed Carbon Steel.....	16.49	8.95
23 21	13 23-1285	EA 3/4" Nipple, 6" Long, Screwed Carbon Steel.....	16.58	8.95
23 21	13 23-1286	EA 1" Nipple, 6" Long, Screwed Carbon Steel.....	18.69	9.70
23 21	13 23-1287	EA 1-1/2" Nipple, 6" Long, Screwed Carbon Steel.....	22.54	10.45
23 21	13 23-1288	EA 2" Nipple, 6" Long, Screwed Carbon Steel.....	26.85	13.47
23 21	13 23-1289	Unions, Screwed Carbon Steel <small>(23 21 13 23-1153)</small>		
23 21	13 23-1290	EA 1/4" Union, 3,000 LB, Screwed Carbon Steel.....	30.91	20.81
23 21	13 23-1291	EA 1/2" Union, 3,000 LB, Screwed Carbon Steel.....	32.67	20.91
23 21	13 23-1292	EA 3/4" Union, 3,000 LB, Screwed Carbon Steel.....	37.54	24.20
23 21	13 23-1293	EA 1" Union, 3,000 LB, Screwed Carbon Steel.....	44.74	28.53
23 21	13 23-1294	EA 1-1/2" Union, 3,000 LB, Screwed Carbon Steel.....	64.00	40.49
23 21	13 23-1295	EA 2" Union, 3,000 LB, Screwed Carbon Steel.....	79.44	50.29
23 21	13 23-1296	EA 1/4" Union, 6,000 LB, Screwed Carbon Steel.....	48.31	20.81
23 21	13 23-1297	EA 1/2" Union, 6,000 LB, Screwed Carbon Steel.....	53.71	20.91
23 21	13 23-1298	EA 3/4" Union, 6,000 LB, Screwed Carbon Steel.....	63.01	24.20
23 21	13 23-1299	EA 1" Union, 6,000 LB, Screwed Carbon Steel.....	76.13	28.53
23 21	13 23-1300	EA 1-1/2" Union, 6,000 LB, Screwed Carbon Steel.....	128.19	40.49
23 21	13 23-1301	EA 2" Union, 6,000 LB, Screwed Carbon Steel.....	158.44	50.29
23 21	13 23-1302	Weld Neck Flanges, Screwed Carbon Steel <small>(23 21 13 23-1153)</small>		
23 21	13 23-1303	EA 1/2" Flange, 150 LB, Screwed Carbon Steel.....	67.61	38.89
23 21	13 23-1304	EA 3/4" Flange, 150 LB, Screwed Carbon Steel.....	70.73	40.77
23 21	13 23-1305	EA 1" Flange, 150 LB, Screwed Carbon Steel.....	73.39	42.56
23 21	13 23-1306	EA 1-1/2" Flange, 150 LB, Screwed Carbon Steel.....	81.77	47.94
23 21	13 23-1307	EA 2" Flange, 150 LB, Screwed Carbon Steel.....	84.91	50.01
23 21	13 23-1308	EA 1/2" Flange, 300 LB, Screwed Carbon Steel.....	68.20	38.89
		<i>For Ring Type Joint, Add</i>	9.84	
		<i>For Blind Flange, Deduct</i>	-25.31	
23 21	13 23-1309	EA 3/4" Flange, 300 LB, Screwed Carbon Steel.....	71.35	40.77
		<i>For Ring Type Joint, Add</i>	10.17	
		<i>For Blind Flange, Deduct</i>	-26.51	
23 21	13 23-1310	EA 1" Flange, 300 LB, Screwed Carbon Steel.....	74.33	42.56
		<i>For Ring Type Joint, Add</i>	10.49	
		<i>For Blind Flange, Deduct</i>	-27.63	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1311	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	84.03	47.94
			<i>For Ring Type Joint, Add</i>	12.14	
			<i>For Blind Flange, Deduct</i>	-31.18	
23 21	13 23-1312	EA	2" Flange, 300 LB, Screwed Carbon Steel.....	87.17	50.01
			<i>For Ring Type Joint, Add</i>	12.14	
			<i>For Blind Flange, Deduct</i>	-32.44	
23 21	13 23-1313	EA	1/2" Flange, 600 LB, Screwed Carbon Steel.....	72.07	38.89
			<i>For Ring Type Joint, Add</i>	13.71	
			<i>For Blind Flange, Deduct</i>	-26.09	
23 21	13 23-1314	EA	3/4" Flange, 600 LB, Screwed Carbon Steel.....	74.89	40.77
			<i>For Ring Type Joint, Add</i>	13.71	
			<i>For Blind Flange, Deduct</i>	-27.21	
23 21	13 23-1315	EA	1" Flange, 600 LB, Screwed Carbon Steel.....	78.18	42.56
			<i>For Ring Type Joint, Add</i>	14.34	
			<i>For Blind Flange, Deduct</i>	-28.40	
23 21	13 23-1316	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	88.79	47.94
			<i>For Ring Type Joint, Add</i>	16.90	
			<i>For Blind Flange, Deduct</i>	-32.14	
23 21	13 23-1317	EA	2" Flange, 600 LB, Screwed Carbon Steel.....	90.76	50.01
			<i>For Ring Type Joint, Add</i>	15.73	
			<i>For Blind Flange, Deduct</i>	-33.16	
23 21	13 23-1318		Square Head Plugs, Screwed Carbon Steel (23 21 13 23-1153)		
23 21	13 23-1319	EA	1/4" Square Head Plug, Screwed Carbon Steel.....	4.81	2.64
23 21	13 23-1320	EA	1/2" Square Head Plug, Screwed Carbon Steel.....	5.76	3.11
23 21	13 23-1321	EA	3/4" Square Head Plug, Screwed Carbon Steel.....	6.67	3.58
23 21	13 23-1322	EA	1" Square Head Plug, Screwed Carbon Steel.....	9.72	5.27
23 21	13 23-1323	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	12.00	5.27
23 21	13 23-1324	EA	2" Square Head Plug, Screwed Carbon Steel.....	17.16	6.88
23 21	13 23-1325		Hex Head Plugs, Screwed Carbon Steel (23 21 13 23-1153)		
23 21	13 23-1326	EA	1/4" Hex Head Plug, Screwed Carbon Steel.....	4.58	2.64
23 21	13 23-1327	EA	1/2" Hex Head Plug, Screwed Carbon Steel.....	5.55	3.11
23 21	13 23-1328	EA	3/4" Hex Head Plug, Screwed Carbon Steel.....	6.53	3.58
23 21	13 23-1329	EA	1" Hex Head Plug, Screwed Carbon Steel.....	9.60	5.27
23 21	13 23-1330	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel.....	11.50	5.27
23 21	13 23-1331	EA	2" Hex Head Plug, Screwed Carbon Steel.....	17.51	6.88
23 21	13 23-1332		Round Head Plugs, Screwed Carbon Steel (23 21 13 23-1153)		
23 21	13 23-1333	EA	1/4" Round Head Plug, Screwed Carbon Steel.....	5.32	2.64
23 21	13 23-1334	EA	1/2" Round Head Plug, Screwed Carbon Steel.....	5.79	3.11
23 21	13 23-1335	EA	3/4" Round Head Plug, Screwed Carbon Steel.....	6.57	3.58
23 21	13 23-1336	EA	1" Round Head Plug, Screwed Carbon Steel.....	9.80	5.27
23 21	13 23-1337	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	12.63	5.27
23 21	13 23-1338	EA	2" Round Head Plug, Screwed Carbon Steel.....	17.38	6.88
23 21	13 23-1339		Hexagon Bushings, Screwed Carbon Steel (23 21 13 23-1153)		
23 21	13 23-1340	EA	1/4" Hex Bushing, Screwed Carbon Steel.....	4.75	2.64
23 21	13 23-1341	EA	1/2" Hex Bushing, Screwed Carbon Steel.....	5.54	3.11
23 21	13 23-1342	EA	3/4" Hex Bushing, Screwed Carbon Steel.....	6.47	3.58
23 21	13 23-1343	EA	1" Hex Bushing, Screwed Carbon Steel.....	9.76	5.27
23 21	13 23-1344	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	11.46	5.27
23 21	13 23-1345	EA	2" Hex Bushing, Screwed Carbon Steel.....	16.99	6.88
23 21	13 23-1346		90 Degree Street Elbows, Screwed Carbon Steel (23 21 13 23-1153)		
23 21	13 23-1347	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	29.70	14.31
23 21	13 23-1348	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	33.98	16.77
23 21	13 23-1349	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	39.52	18.74
23 21	13 23-1350	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	45.99	20.91
23 21	13 23-1351	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	71.31	26.74
23 21	13 23-1352	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	95.51	34.00
23 21	13 23-1353	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	45.87	16.77
23 21	13 23-1354	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	63.70	18.74
23 21	13 23-1355	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	86.44	20.91
23 21	13 23-1356	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	182.59	26.74
23 21	13 23-1357		Screwed Carbon Steel Laterals (23 21 13 23-1153)		
23 21	13 23-1358	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	113.29	20.91
23 21	13 23-1359	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	135.92	24.20
23 21	13 23-1360	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	166.01	28.53
23 21	13 23-1361	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	214.59	40.49
23 21	13 23-1362	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	267.64	50.29
23 21	13 23-1363	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	141.06	20.91
23 21	13 23-1364	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	177.23	24.20
23 21	13 23-1365	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	210.18	28.53
23 21	13 23-1366	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	295.79	40.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-1367
Grooved-Joint Pipe (23 21 13 23)

Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

23 21 13 23-1368
Schedule 10 Black Grooved Pipe (23 21 13 23-1367)

23 21 13 23-1369	LF	2" Black Schedule 10 Grooved Pipe.....	25.08	11.96
23 21 13 23-1370	LF	2-1/2" Black Schedule 10 Grooved Pipe.....	33.91	16.38
23 21 13 23-1371	LF	3" Black Schedule 10 Grooved Pipe.....	38.03	18.17
23 21 13 23-1372	LF	3-1/2" Black Schedule 10 Grooved Pipe.....	42.08	18.84
23 21 13 23-1373	LF	4" Black Schedule 10 Grooved Pipe.....	44.77	20.44
23 21 13 23-1374	LF	5" Black Schedule 10 Grooved Pipe.....	62.36	25.05
23 21 13 23-1375	LF	6" Black Schedule 10 Grooved Pipe.....	81.15	35.59
23 21 13 23-1376	LF	8" Black Schedule 10 Grooved Pipe.....	108.94	39.93
23 21 13 23-1377	LF	10" Black Schedule 10 Grooved Pipe.....	136.16	48.13
23 21 13 23-1378	LF	12" Black Schedule 10 Grooved Pipe.....	156.86	54.52

23 21 13 23-1379
Schedule 40 Black Grooved Pipe (23 21 13 23-1367)

23 21 13 23-1380	LF	3/4" Black Schedule 40 Grooved Pipe.....	15.05	7.25
23 21 13 23-1381	LF	1" Black Schedule 40 Grooved Pipe.....	17.00	8.20
23 21 13 23-1382	LF	1-1/4" Black Schedule 40 Grooved Pipe.....	19.25	8.85
23 21 13 23-1383	LF	1-1/2" Black Schedule 40 Grooved Pipe.....	21.90	10.08
23 21 13 23-1384	LF	2" Black Schedule 40 Grooved Pipe.....	27.63	12.80
23 21 13 23-1385	LF	2-1/2" Black Schedule 40 Grooved Pipe.....	38.41	17.52
23 21 13 23-1386	LF	3" Black Schedule 40 Grooved Pipe.....	45.18	19.96
23 21 13 23-1387	LF	4" Black Schedule 40 Grooved Pipe.....	54.91	22.23
23 21 13 23-1388	LF	5" Black Schedule 40 Grooved Pipe.....	74.82	27.03
23 21 13 23-1389	LF	6" Black Schedule 40 Grooved Pipe.....	101.23	38.98
23 21 13 23-1390	LF	8" Black Schedule 40 Grooved Pipe.....	132.72	44.16
23 21 13 23-1391	LF	10" Black Schedule 40 Grooved Pipe.....	181.14	52.74
23 21 13 23-1392	LF	12" Black Schedule 40 Grooved Pipe.....	213.03	60.56
23 21 13 23-1393	LF	14" Black Schedule 40 Grooved Pipe.....	281.60	81.84
23 21 13 23-1394	LF	16" Black Schedule 40 Grooved Pipe.....	326.97	96.24
23 21 13 23-1395	LF	18" Black Schedule 40 Grooved Pipe.....	405.35	116.87
23 21 13 23-1396	LF	20" Black Schedule 40 Grooved Pipe.....	467.76	136.27
23 21 13 23-1397	LF	24" Black Schedule 40 Grooved Pipe.....	608.30	163.58

23 21 13 23-1398
Schedule 80 Black Grooved Pipe (23 21 13 23-1367)

23 21 13 23-1399	LF	3/4" Black Schedule 80 Grooved Pipe.....	16.50	7.92
23 21 13 23-1400	LF	1" Black Schedule 80 Grooved Pipe.....	18.23	8.38
23 21 13 23-1401	LF	1-1/4" Black Schedule 80 Grooved Pipe.....	21.29	9.32
23 21 13 23-1402	LF	1-1/2" Black Schedule 80 Grooved Pipe.....	24.20	10.45
23 21 13 23-1403	LF	2" Black Schedule 80 Grooved Pipe.....	31.31	13.47
23 21 13 23-1404	LF	2-1/2" Black Schedule 80 Grooved Pipe.....	43.98	18.56
23 21 13 23-1405	LF	3" Black Schedule 80 Grooved Pipe.....	52.17	20.81
23 21 13 23-1406	LF	4" Black Schedule 80 Grooved Pipe.....	64.79	22.70
23 21 13 23-1407	LF	5" Black Schedule 80 Grooved Pipe.....	97.59	28.53
23 21 13 23-1408	LF	6" Black Schedule 80 Grooved Pipe.....	127.86	40.87
23 21 13 23-1409	LF	8" Black Schedule 80 Grooved Pipe.....	188.14	46.71
23 21 13 23-1410	LF	10" Black Schedule 80 Grooved Pipe.....	233.77	56.41
23 21 13 23-1411	LF	12" Black Schedule 80 Grooved Pipe.....	248.17	68.18

23 21 13 23-1412
Schedule 40 Galvanized Grooved Pipe (23 21 13 23-1367)

23 21 13 23-1413	LF	3/4" Galvanized Schedule 40 Grooved Pipe.....	15.51	7.25
23 21 13 23-1414	LF	1" Galvanized Schedule 40 Grooved Pipe.....	17.94	8.20
23 21 13 23-1415	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe.....	19.96	8.85
23 21 13 23-1416	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe.....	22.72	10.08
23 21 13 23-1417	LF	2" Galvanized Schedule 40 Grooved Pipe.....	28.74	12.80
23 21 13 23-1418	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe.....	40.18	17.52
23 21 13 23-1419	LF	3" Galvanized Schedule 40 Grooved Pipe.....	47.55	19.96
23 21 13 23-1420	LF	4" Galvanized Schedule 40 Grooved Pipe.....	58.26	22.23
23 21 13 23-1421	LF	5" Galvanized Schedule 40 Grooved Pipe.....	81.13	27.03
23 21 13 23-1422	LF	6" Galvanized Schedule 40 Grooved Pipe.....	109.85	38.98
23 21 13 23-1423	LF	8" Galvanized Schedule 40 Grooved Pipe.....	144.58	44.16
23 21 13 23-1424	LF	10" Galvanized Schedule 40 Grooved Pipe.....	202.15	52.74
23 21 13 23-1425	LF	12" Galvanized Schedule 40 Grooved Pipe.....	238.48	60.56

23 21 13 23-1426
Schedule 80 Galvanized Grooved Pipe (23 21 13 23-1367)

23 21 13 23-1427	LF	3/4" Galvanized Schedule 80 Grooved Pipe.....	16.69	7.92
23 21 13 23-1428	LF	1" Galvanized Schedule 80 Grooved Pipe.....	21.42	8.38
23 21 13 23-1429	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe.....	21.80	9.32
23 21 13 23-1430	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe.....	28.33	11.11
23 21 13 23-1431	LF	2" Galvanized Schedule 80 Grooved Pipe.....	32.20	13.47
23 21 13 23-1432	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe.....	45.47	18.56
23 21 13 23-1433	LF	3" Galvanized Schedule 80 Grooved Pipe.....	54.43	20.81
23 21 13 23-1434	LF	4" Galvanized Schedule 80 Grooved Pipe.....	67.92	22.70
23 21 13 23-1435	LF	5" Galvanized Schedule 80 Grooved Pipe.....	101.27	28.53
23 21 13 23-1436	LF	6" Galvanized Schedule 80 Grooved Pipe.....	131.94	40.87
23 21 13 23-1437	LF	8" Galvanized Schedule 80 Grooved Pipe.....	194.76	46.71
23 21 13 23-1438	LF	10" Galvanized Schedule 80 Grooved Pipe.....	231.93	56.41
23 21 13 23-1439	LF	12" Galvanized Schedule 80 Grooved Pipe.....	255.65	68.18

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1440			Painted Grooved-Joint Pipe Fittings <small>(23 21 13 23)</small> Note: Couplings are not included with fittings.		
23 21 13 23-1441			Grooved Elbows <small>(23 21 13 23-1440)</small>		
23 21 13 23-1442			90 Degree Grooved Elbows <small>(23 21 13 23-1441)</small> Note: Victaulic No. 10		
23 21 13 23-1443	EA		3/4" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	90.62 24.83	10.27
23 21 13 23-1444	EA		1" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	90.62 24.83	10.27
23 21 13 23-1445	EA		1-1/4" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	94.46 24.83	12.80
23 21 13 23-1446	EA		1-1/2" 90 degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	98.54 24.83	15.54
23 21 13 23-1447	EA		2" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	106.01 24.83	20.53
23 21 13 23-1448	EA		2-1/2" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	112.72 24.83	25.05
23 21 13 23-1449	EA		3" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	179.08 44.10	30.32
23 21 13 23-1450	EA		4" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	205.54 48.03	40.02
23 21 13 23-1451	EA		5" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	429.30 116.93	50.01
23 21 13 23-1452	EA		6" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	509.88 135.89	65.46
23 21 13 23-1453	EA		8" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	983.43 285.99	77.89
23 21 13 23-1454	EA		10" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,486.49 445.58	90.88
23 21 13 23-1455	EA		12" 90 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	2,327.72 714.19	109.06
23 21 13 23-1456	EA		14" 90 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,685.39 1,485.27	123.09
23 21 13 23-1457	EA		16" 90 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,093.71 1,943.49	136.27
23 21 13 23-1458	EA		18" 90 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	7,692.61 2,464.91	148.89
23 21 13 23-1459	EA		20" 90 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	10,047.78 3,239.15	154.82
23 21 13 23-1460	EA		24" 90 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	14,399.29 4,661.21	183.07
23 21 13 23-1461			45 Degree Grooved Elbows <small>(23 21 13 23-1441)</small> Note: Victaulic No. 11		
23 21 13 23-1462	EA		3/4" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	90.56 18.04	10.27
23 21 13 23-1463	EA		1" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	90.56 18.04	10.27
23 21 13 23-1464	EA		1-1/4" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	94.40 18.04	12.80
23 21 13 23-1465	EA		1-1/2" 45 degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	98.48 18.04	15.54
23 21 13 23-1466	EA		2" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	105.95 18.04	20.53
23 21 13 23-1467	EA		2-1/2" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	112.66 18.04	25.05
23 21 13 23-1468	EA		3" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	179.03 32.06	30.32
23 21 13 23-1469	EA		4" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	205.54 34.93	40.02
23 21 13 23-1470	EA		5" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	429.30 85.04	50.01
23 21 13 23-1471	EA		6" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	509.88 98.83	65.46
23 21 13 23-1472	EA		8" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	983.43 208.00	77.89
23 21 13 23-1473	EA		10" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,486.49 324.06	90.88
23 21 13 23-1474	EA		12" 45 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	2,327.72 519.41	109.06
23 21 13 23-1475	EA		14" 45 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,685.39 1,080.19	123.09
23 21 13 23-1476	EA		16" 45 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,093.71 1,413.45	136.27
23 21 13 23-1477	EA		18" 45 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	7,692.61 1,792.66	148.89
23 21 13 23-1478	EA		20" 45 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	10,048.19 2,355.74	155.11
23 21 13 23-1479	EA		24" 45 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	14,399.29 3,389.97	183.07
23 21 13 23-1480			22-1/2 Degree Grooved Elbows <small>(23 21 13 23-1441)</small> Note: Victaulic No. 12		
23 21 13 23-1481	EA		1" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	95.51 19.23	10.27

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1482	EA	1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	99.35 19.23	12.80
23 21	13 23-1483	EA	1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	103.43 19.23	15.54
23 21	13 23-1484	EA	2" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	110.90 19.23	20.53
23 21	13 23-1485	EA	2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	117.61 19.23	25.05
23 21	13 23-1486	EA	3" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	162.63 28.13	30.32
23 21	13 23-1487	EA	4" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	217.12 37.71	40.02
23 21	13 23-1488	EA	5" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	562.28 116.95	50.01
23 21	13 23-1489	EA	6" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	543.27 106.84	65.46
23 21	13 23-1490	EA	8" 22-1/2 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,048.21 223.54	77.89
23 21	13 23-1491	EA	10" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,415.00 306.90	90.88
23 21	13 23-1492	EA	12" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,892.25 414.90	109.06
23 21	13 23-1493	EA	14" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,181.33 479.22	123.09
23 21	13 23-1494	EA	16" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,599.18 574.76	136.27
23 21	13 23-1495	EA	18" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,123.50 696.08	148.89
23 21	13 23-1496	EA	20" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,661.13 822.95	154.82
23 21	13 23-1497	EA	24" 22-1/2 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,882.18 1,105.87	183.07
23 21 13 23-1498 11-1/4 Degree Grooved Elbows (23 21 13 23-1441)					
Note: Victaulic No. 13					
23 21	13 23-1499	EA	1" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	95.51 19.23	10.27
23 21	13 23-1500	EA	1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	99.35 19.23	12.80
23 21	13 23-1501	EA	1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	103.43 19.23	15.54
23 21	13 23-1502	EA	2" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	110.90 19.23	20.53
23 21	13 23-1503	EA	2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	117.61 19.23	25.05
23 21	13 23-1504	EA	3" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	162.62 28.12	30.32
23 21	13 23-1505	EA	4" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	217.11 37.71	40.02
23 21	13 23-1506	EA	5" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	562.26 116.95	50.01
23 21	13 23-1507	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	543.25 106.84	65.46
23 21	13 23-1508	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,048.16 223.53	77.89
23 21	13 23-1509	EA	10" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,414.93 306.88	90.88
23 21	13 23-1510	EA	12" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,892.16 414.88	109.06
23 21	13 23-1511	EA	14" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,181.23 479.19	123.09
23 21	13 23-1512	EA	16" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,599.09 574.73	136.36
23 21	13 23-1513	EA	18" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,123.32 696.04	148.89
23 21	13 23-1514	EA	20" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,660.94 822.90	154.82
23 21	13 23-1515	EA	24" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,881.92 1,105.80	183.07
23 21 13 23-1516 90 Degree Grooved Long Radius Elbows (23 21 13 23-1441)					
Note: Victaulic No. 100					
23 21	13 23-1517	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	202.76 41.28	20.53
23 21	13 23-1518	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	536.52 119.77	25.05
23 21	13 23-1519	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	217.42 41.28	30.32
23 21	13 23-1520	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	317.61 61.83	40.02
23 21	13 23-1521	EA	5" 90 Degree Long Radius Elbow, Steel Grooved <i>For Galvanized Fittings, Add</i>	1,395.48 316.92	50.01
23 21	13 23-1522	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	851.77 180.88	65.46
23 21	13 23-1523	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,924.57 433.87	77.89

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21	13 23-1524 EA 10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	3,884.57 899.60	90.88
23 21	13 23-1525 EA 12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	4,633.37 1,072.77	109.06
23 21	13 23-1526 Grooved Tees, Wyes And Crosses (23 21 13 23-1440)		
23 21	13 23-1527 Grooved Tees (23 21 13 23-1526)		
	Note: Victaulic No. 20		
23 21	13 23-1528 EA 3/4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	135.20 34.49	13.47
23 21	13 23-1529 EA 1" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	138.26 34.49	15.54
23 21	13 23-1530 EA 1-1/4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	143.44 34.49	19.02
23 21	13 23-1531 EA 1-1/2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	149.92 34.49	23.35
23 21	13 23-1532 EA 2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	160.21 34.49	30.23
23 21	13 23-1533 EA 2-1/2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	170.49 34.49	37.01
23 21	13 23-1534 EA 3" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	229.19 48.31	45.49
23 21	13 23-1535 EA 4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	335.23 74.10	58.86
23 21	13 23-1536 EA 5" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	694.86 173.85	76.94
23 21	13 23-1537 EA 6" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	814.03 200.93	96.24
23 21	13 23-1538 EA 8" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,638.21 438.91	116.87
23 21	13 23-1539 EA 10" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	2,816.93 783.77	136.27
23 21	13 23-1540 EA 12" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	3,902.83 1,097.27	163.58
23 21	13 23-1541 EA 14" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,262.58 1,197.03	181.75
23 21	13 23-1542 EA 16" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	5,356.67 1,524.79	182.79
23 21	13 23-1543 EA 18" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,667.41 1,909.55	201.63
23 21	13 23-1544 EA 20" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	9,427.25 2,736.06	204.83
23 21	13 23-1545 EA 24" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	14,390.12 4,203.85	251.63
23 21	13 23-1546 Grooved Wyes (90 Degree True Wye) (23 21 13 23-1526)		
	Note: Victaulic No. 33		
23 21	13 23-1547 EA 1" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	508.33 77.60	15.54
23 21	13 23-1548 EA 1-1/4" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	513.51 77.60	19.02
23 21	13 23-1549 EA 1-1/2" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	519.99 77.60	23.35
23 21	13 23-1550 EA 2" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	530.28 77.60	30.23
23 21	13 23-1551 EA 2-1/2" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	540.56 77.60	37.01
23 21	13 23-1552 EA 3" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	647.93 92.76	45.49
23 21	13 23-1553 EA 4" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	847.60 121.50	58.86
23 21	13 23-1554 EA 5" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,203.82 174.16	76.94
23 21	13 23-1555 EA 6" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,491.01 215.48	96.24
23 21	13 23-1556 EA 8" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,114.87 310.35	116.87
23 21	13 23-1557 EA 10" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,552.25 535.66	136.27
23 21	13 23-1558 EA 12" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,943.87 591.78	163.58
23 21	13 23-1559 EA 14" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,495.91 675.75	181.75
23 21	13 23-1560 EA 16" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	5,759.44 877.71	182.61
23 21	13 23-1561 EA 18" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,577.58 1,003.99	201.82
23 21	13 23-1562 EA 20" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	9,407.39 1,456.13	204.45
23 21	13 23-1563 EA 24" Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	14,526.54 2,263.88	251.63
23 21	13 23-1564 Grooved Crosses (23 21 13 23-1526)		
	Note: Victaulic No. 35		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1565	EA	3/4" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	344.38 47.10	20.25
23 21	13 23-1566	EA	1" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	348.98 47.10	23.35
23 21	13 23-1567	EA	1-1/4" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	421.75 56.85	28.53
23 21	13 23-1568	EA	1-1/2" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	460.84 61.26	35.03
23 21	13 23-1569	EA	2" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	298.68 34.62	45.30
23 21	13 23-1570	EA	2-1/2" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	314.10 34.62	55.56
23 21	13 23-1571	EA	3" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	516.97 62.21	68.18
23 21	13 23-1572	EA	4" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	822.67 103.55	88.25
23 21	13 23-1573	EA	5" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,583.36 211.55	115.36
23 21	13 23-1574	EA	6" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,030.93 272.18	144.37
23 21	13 23-1575	EA	8" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,652.52 358.46	175.26
23 21	13 23-1576	EA	10" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,382.41 611.38	204.45
23 21	13 23-1577	EA	12" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,249.64 882.27	245.42
23 21	13 23-1578	EA	14" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,502.57 914.07	272.63
23 21	13 23-1579	EA	16" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	8,382.80 1,195.76	274.23
23 21	13 23-1580	EA	18" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	10,224.79 1,465.71	302.40
23 21	13 23-1581	EA	20" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	14,303.80 2,076.50	307.10
23 21	13 23-1582	EA	24" Cross, Steel, Grooved <i>For Galvanized Fittings, Add</i>	21,937.01 3,205.66	377.46
23 21 13 23-1583 Grooved Reducing Tees (23 21 13 23-1526)					
Note: Victaulic No. 25					
23 21	13 23-1584	EA	1" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	245.11 44.36	15.54
23 21	13 23-1585	EA	1-1/4" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	257.26 45.75	19.02
23 21	13 23-1586	EA	1-1/2" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	269.44 46.89	23.35
23 21	13 23-1587	EA	2" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	319.75 54.90	30.23
23 21	13 23-1588	EA	2-1/2" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	358.28 60.55	37.01
23 21	13 23-1589	EA	3" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	399.53 66.27	45.49
23 21	13 23-1590	EA	4" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	535.11 89.38	58.86
23 21	13 23-1591	EA	5" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	705.44 118.02	76.94
23 21	13 23-1592	EA	6" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	974.37 166.02	96.24
23 21	13 23-1593	EA	8" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,544.86 273.94	116.87
23 21	13 23-1594	EA	10" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,223.56 403.84	136.27
23 21	13 23-1595	EA	12" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,223.88 595.73	163.58
23 21	13 23-1596	EA	14" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,655.58 676.62	181.75
23 21	13 23-1597	EA	16" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,668.63 878.91	182.79
23 21	13 23-1598	EA	18" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	5,682.26 1,076.01	201.63
23 21	13 23-1599	EA	20" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	8,001.38 1,538.88	204.73
23 21	13 23-1600	EA	24" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	12,771.41 2,478.82	251.63
23 21 13 23-1601 Grooved 45 Degree Lateral Wyes (23 21 13 23-1526)					
Note: Victaulic No. 30					
23 21	13 23-1602	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	479.57 82.68	13.47
23 21	13 23-1603	EA	1" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	482.63 82.68	15.54
23 21	13 23-1604	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	487.81 82.68	19.02
23 21	13 23-1605	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	494.29 82.68	23.35
23 21	13 23-1606	EA	2" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	504.58 82.68	30.23

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1607	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	514.86 82.68	37.01
23 21	13 23-1608	EA	3" Wye, 45 Degree Lateral, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	464.97 71.43	45.49
23 21	13 23-1609	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	750.86 121.01	52.45
23 21	13 23-1610	EA	4" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	870.78 140.86	58.86
23 21	13 23-1611	EA	5" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	1,259.04 205.86	76.94
23 21	13 23-1612	EA	6" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	1,986.94 331.68	96.24
23 21	13 23-1613	EA	8" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	2,829.31 477.74	116.87
23 21	13 23-1614	EA	10" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	3,950.62 674.33	136.27
23 21	13 23-1615	EA	12" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	4,774.64 815.29	163.58
23 21	13 23-1616	EA	14" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	6,883.42 1,189.97	181.75
23 21	13 23-1617	EA	16" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	8,532.91 1,486.59	182.79
23 21	13 23-1618	EA	18" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	9,534.59 1,661.83	201.63
23 21	13 23-1619	EA	20" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	14,310.92 2,520.71	204.73
23 21	13 23-1620	EA	24" 45 Degree Lateral Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	22,138.41 3,917.00	251.63
23 21 13 23-1621 Grooved 45 Degree Lateral Reducing Wyes (23 21 13 23-1626)					
Note: Victaulic No. 30R					
23 21	13 23-1622	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	464.97 51.59	45.49
23 21	13 23-1623	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	870.78 101.73	58.86
23 21	13 23-1624	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	1,259.04 148.68	76.94
23 21	13 23-1625	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	1,621.90 192.09	96.24
23 21	13 23-1626	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	2,308.29 277.30	116.87
23 21	13 23-1627	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	2,816.83 339.62	136.27
23 21	13 23-1628	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	3,420.03 412.72	163.58
23 21	13 23-1629	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	3,829.05 462.35	181.75
23 21	13 23-1630	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	4,871.25 597.63	182.79
23 21	13 23-1631	EA	18" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	7,361.18 917.66	201.63
23 21	13 23-1632	EA	20" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	10,639.43 1,343.22	204.73
23 21	13 23-1633	EA	24" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	17,105.96 2,174.73	251.63
23 21 13 23-1634 Mechanical-T Outlet (23 21 13 23-1526)					
Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.					
23 21	13 23-1635	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	144.20 18.94	33.90
23 21	13 23-1636	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	144.20 18.94	33.90
23 21	13 23-1637	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	156.12 21.90	33.90
23 21	13 23-1638	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	156.12	33.90
23 21	13 23-1639	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	152.67	38.14
23 21	13 23-1640	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	152.67	38.14
23 21	13 23-1641	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	184.15	38.14
23 21	13 23-1642	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	172.72	42.38
23 21	13 23-1643	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	172.72	42.38
23 21	13 23-1644	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	198.07	42.38
23 21	13 23-1645	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	198.07	42.38
23 21	13 23-1646	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	215.43	42.38
23 21	13 23-1647	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	225.16	56.50
23 21	13 23-1648	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	225.16	56.50
23 21	13 23-1649	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	244.95	56.50
23 21	13 23-1650	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	250.50	56.50
23 21	13 23-1651	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	250.50	56.50
23 21	13 23-1652	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	256.06	56.50
23 21	13 23-1653	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	266.71	56.50
23 21	13 23-1654	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	324.25	77.70
23 21	13 23-1655	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	324.25	77.70
23 21	13 23-1656	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	333.85	77.70
23 21	13 23-1657	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	345.89	77.70
23 21	13 23-1658	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	370.55	98.89
23 21	13 23-1659	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	370.55	98.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1660	EA		6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	384.67	98.89
23 21 13 23-1661	EA		6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	396.59	98.89
23 21 13 23-1662	EA		6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	417.77	98.89
23 21 13 23-1663	EA		8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	567.57	130.90
23 21 13 23-1664	EA		8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	567.57	130.90
23 21 13 23-1665	EA		8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	584.59	130.90
23 21 13 23-1666	EA		8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	594.66	130.90
23 21 13 23-1667			Installation-Ready™ Grooved Fittings (23 21 13 23-1440)		
23 21 13 23-1668			Installation-Ready™ 90 Degree Grooved Elbows (23 21 13 23-1667)		
			Note: Victaulic No. 101		
23 21 13 23-1669	EA		1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	156.75	9.32
			For Galvanized Fittings, Add	47.06	
			For Galvanized Fittings, Add	36.51	
23 21 13 23-1670	EA		1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	163.77	11.18
			For Galvanized Fittings, Add	48.45	
			For Galvanized Fittings, Add	37.59	
23 21 13 23-1671	EA		2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	170.46	14.92
			For Galvanized Fittings, Add	48.79	
			For Galvanized Fittings, Add	37.85	
23 21 13 23-1672	EA		2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	206.53	18.65
			For Galvanized Fittings, Add	58.83	
			For Galvanized Fittings, Add	45.64	
23 21 13 23-1673			Installation-Ready™ 45 Degree Grooved Elbows (23 21 13 23-1667)		
			Note: Victaulic No. 103		
23 21 13 23-1674	EA		1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	156.75	9.32
			For Galvanized Fittings, Add	34.23	
			For Galvanized Fittings, Add	36.51	
23 21 13 23-1675	EA		1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	163.77	11.18
			For Galvanized Fittings, Add	35.24	
			For Galvanized Fittings, Add	37.59	
23 21 13 23-1676	EA		2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	170.46	14.92
			For Galvanized Fittings, Add	35.49	
			For Galvanized Fittings, Add	37.85	
23 21 13 23-1677	EA		2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	206.53	18.65
			For Galvanized Fittings, Add	42.79	
			For Galvanized Fittings, Add	45.64	
23 21 13 23-1678			Installation-Ready™ Grooved Tees (23 21 13 23-1667)		
			Note: Victaulic No. 102		
23 21 13 23-1679	EA		1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	239.06	12.43
			For Galvanized Fittings, Add	66.07	
			For Galvanized Fittings, Add	56.38	
23 21 13 23-1680	EA		1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	250.16	14.92
			For Galvanized Fittings, Add	68.27	
			For Galvanized Fittings, Add	58.26	
23 21 13 23-1681	EA		2" Ductile Iron, Grooved, Installation-Ready™ Tee	260.84	19.89
			For Galvanized Fittings, Add	69.21	
			For Galvanized Fittings, Add	59.06	
23 21 13 23-1682	EA		2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	304.03	24.86
			For Galvanized Fittings, Add	79.91	
			For Galvanized Fittings, Add	68.19	
23 21 13 23-1683			Grooved Fittings (23 21 13 23-1440)		
23 21 13 23-1684			Flanged Adapter Nipple, Grooved (23 21 13 23-1683)		
			Note: Victaulic No. 41 and 45		
23 21 13 23-1685	EA		1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	340.20	11.30
			For Galvanized Fittings, Add	58.19	
			For 300 LB Rating, Add	48.49	
23 21 13 23-1686	EA		1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	342.09	12.52
			For Galvanized Fittings, Add	58.19	
			For 300 LB Rating, Add	48.49	
23 21 13 23-1687	EA		1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	346.80	15.73
			For Galvanized Fittings, Add	58.19	
			For 300 LB Rating, Add	48.49	
23 21 13 23-1688	EA		2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	356.70	22.32
			For Galvanized Fittings, Add	58.19	
			For 300 LB Rating, Add	48.49	
23 21 13 23-1689	EA		2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	363.78	27.03
			For Galvanized Fittings, Add	58.19	
			For 300 LB Rating, Add	48.49	
23 21 13 23-1690	EA		3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	461.99	32.31
			For Galvanized Fittings, Add	74.45	
			For 300 LB Rating, Add	62.04	
23 21 13 23-1691	EA		4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	558.48	43.51
			For Galvanized Fittings, Add	88.79	
			For 300 LB Rating, Add	73.99	
23 21 13 23-1692	EA		5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	783.78	52.64
			For Galvanized Fittings, Add	126.87	
			For 300 LB Rating, Add	105.73	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1693	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	910.84 144.76 120.63	71.10
23 21	13 23-1694	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	1,254.33 199.81 166.51	96.24
23 21	13 23-1695	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	1,986.66 326.07 271.72	116.87
23 21	13 23-1696	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	2,681.22 445.83 371.53	136.27
23 21	13 23-1697	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	3,166.13 525.76 438.13	163.58
23 21	13 23-1698	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	4,770.70 809.68 674.73	181.75
23 21	13 23-1699	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	5,692.27 951.03 792.53	272.63
23 21	13 23-1700	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	5,997.63 991.29 826.07	327.16
23 21	13 23-1701	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	10,045.49 1,710.09 1,425.08	363.52
23 21 13 23-1702 Grooved Concentric Reducers (23 21 13 23-1683)					
Note: Victaulic No. 50					
23 21	13 23-1703	EA	1-1/4" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	361.72 15.17	11.30
23 21	13 23-1704	EA	1-1/4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	378.21 15.85	11.96
23 21	13 23-1705	EA	1-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	426.25 48.91	12.90
23 21	13 23-1706	EA	1-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	107.39 10.47	13.47
23 21	13 23-1707	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	358.48 40.54	14.13
23 21	13 23-1708	EA	2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	110.21 10.47	15.35
23 21	13 23-1709	EA	2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	111.16 10.47	16.01
23 21	13 23-1710	EA	2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	120.84 11.53	16.67
23 21	13 23-1711	EA	2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	114.98 10.47	18.56
23 21	13 23-1712	EA	2-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	735.21 85.25	17.33
23 21	13 23-1713	EA	2-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	583.26 66.87	17.98
23 21	13 23-1714	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	531.48 60.54	18.56
23 21	13 23-1715	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	117.75 10.47	20.44
23 21	13 23-1716	EA	2-1/2" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	121.51 10.47	22.88
23 21	13 23-1717	EA	3" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	744.01 108.50	20.16
23 21	13 23-1718	EA	3" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	127.28 14.63	20.72
23 21	13 23-1719	EA	3" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	584.90 84.04	21.37
23 21	13 23-1720	EA	3" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	548.14 78.09	22.88
23 21	13 23-1721	EA	3" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	114.58 11.62	25.43
23 21	13 23-1722	EA	3" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	150.77 16.01	30.32
23 21	13 23-1723	EA	3-1/2" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	161.21 17.06	32.68
23 21	13 23-1724	EA	4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	154.30 19.84	25.71
23 21	13 23-1725	EA	4" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	954.16 156.85	26.37
23 21	13 23-1726	EA	4" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	741.13 119.92	27.97
23 21	13 23-1727	EA	4" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	147.44 17.45	30.52
23 21	13 23-1728	EA	4" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	176.53 21.87	32.68
23 21	13 23-1729	EA	4" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	180.29 21.87	35.22
23 21	13 23-1730	EA	4" x 3-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	184.06 21.87	37.67
23 21	13 23-1731	EA	5" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,340.34 220.74	35.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1732	EA	5" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,055.15 171.27	37.67
23 21	13 23-1733	EA	5" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	209.59 25.61	40.21
23 21	13 23-1734	EA	5" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	246.13 30.58	45.20
23 21	13 23-1735	EA	6" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	294.59 44.25	38.33
23 21	13 23-1736	EA	6" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,414.05 252.53	40.49
23 21	13 23-1737	EA	6" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	301.64 44.25	43.04
23 21	13 23-1738	EA	6" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,428.84 253.97	45.20
23 21	13 23-1739	EA	6" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	308.72 44.25	47.74
23 21	13 23-1740	EA	6" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	285.63 38.54	52.74
23 21	13 23-1741	EA	6" x 5" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	392.18 57.01	57.82
23 21	13 23-1742	EA	8" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	504.72 79.07	54.06
23 21	13 23-1743	EA	8" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	512.25 79.07	59.05
23 21	13 23-1744	EA	8" x 5" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	519.80 79.07	64.04
23 21	13 23-1745	EA	8" x 6" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	647.72 100.83	71.57
23 21	13 23-1746	EA	10" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,107.30 188.26	65.64
23 21	13 23-1747	EA	10" x 5" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	2,329.90 414.99	70.64
23 21	13 23-1748	EA	10" x 6" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,220.53 205.87	78.17
23 21	13 23-1749	EA	10" x 8" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,229.93 205.87	84.47
23 21	13 23-1750	EA	12" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	3,451.83 500.97	74.78
23 21	13 23-1751	EA	12" x 6" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	1,446.77 197.39	87.30
23 21	13 23-1752	EA	12" x 8" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	2,116.98 296.50	93.61
23 21	13 23-1753	EA	12" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	2,126.91 296.50	100.20
23 21	13 23-1754	EA	14" x 6" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	6,847.88 205.90	94.08
23 21	13 23-1755	EA	14" x 8" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	4,087.18 120.86	100.39
23 21	13 23-1756	EA	14" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	3,484.26 102.04	106.98
23 21	13 23-1757	EA	14" x 12" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	3,497.89 102.04	116.03
23 21	13 23-1758	EA	16" x 8" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	6,225.99 186.21	107.07
23 21	13 23-1759	EA	16" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	5,778.28 172.16	113.67
23 21	13 23-1760	EA	16" x 12" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	5,343.39 158.39	122.80
23 21	13 23-1761	EA	16" x 14" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	5,353.56 158.39	129.58
23 21	13 23-1762	EA	18" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	8,098.52 243.10	119.98
23 21	13 23-1763	EA	18" x 12" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	7,333.35 219.19	129.02
23 21	13 23-1764	EA	18" x 14" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	6,667.36 198.44	135.80
23 21	13 23-1765	EA	18" x 16" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	6,677.53 198.44	142.68
23 21	13 23-1766	EA	20" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	8,913.47 267.98	123.09
23 21	13 23-1767	EA	20" x 12" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	7,640.25 228.47	132.22
23 21	13 23-1768	EA	20" x 14" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	7,650.43 228.47	139.00
23 21	13 23-1769	EA	20" x 16" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	6,820.81 202.69	145.69
23 21	13 23-1770	EA	20" x 18" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	7,268.58 216.15	152.00
23 21	13 23-1771	EA	24" x 10" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	19,656.55 597.15	136.93
23 21	13 23-1772	EA	24" x 12" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	19,200.51 582.73	146.07
23 21	13 23-1773	EA	24" x 14" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	16,732.05 506.64	152.75
23 21	13 23-1774	EA	24" x 16" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	16,742.29 506.64	159.63
23 21	13 23-1775	EA	24" x 18" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	14,334.89 432.45	165.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1776	EA	24" x 20" Concentric Reducer, Grooved	13,091.95	169.04
		<i>For Galvanized Fittings, Add</i>	394.14	
23 21 13 23-1777		Grooved Eccentric Reducers (23 21 13 23-1683)		
		Note: Victaulic No. 51		
23 21 13 23-1778	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	440.29	12.90
		<i>For Galvanized Fittings, Add</i>	50.60	
23 21 13 23-1779	EA	1-1/2" x 1" Eccentric Reducer, Grooved	400.25	13.47
		<i>For Galvanized Fittings, Add</i>	45.68	
23 21 13 23-1780	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	392.90	14.13
		<i>For Galvanized Fittings, Add</i>	44.68	
23 21 13 23-1781	EA	2" x 3/4" Eccentric Reducer, Grooved	841.09	15.35
		<i>For Galvanized Fittings, Add</i>	98.33	
23 21 13 23-1782	EA	2" x 1" Eccentric Reducer, Grooved	443.62	16.01
		<i>For Galvanized Fittings, Add</i>	50.44	
23 21 13 23-1783	EA	2" x 1-1/4" Eccentric Reducer, Grooved	484.96	16.67
		<i>For Galvanized Fittings, Add</i>	55.29	
23 21 13 23-1784	EA	2" x 1-1/2" Eccentric Reducer, Grooved	412.91	18.56
		<i>For Galvanized Fittings, Add</i>	46.29	
23 21 13 23-1785	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved	1,093.80	17.33
		<i>For Galvanized Fittings, Add</i>	128.35	
23 21 13 23-1786	EA	2-1/2" x 1" Eccentric Reducer, Grooved	1,021.74	17.98
		<i>For Galvanized Fittings, Add</i>	119.58	
23 21 13 23-1787	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved	605.61	18.56
		<i>For Galvanized Fittings, Add</i>	69.45	
23 21 13 23-1788	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved	488.43	20.44
		<i>For Galvanized Fittings, Add</i>	55.03	
23 21 13 23-1789	EA	2-1/2" x 2" Eccentric Reducer, Grooved	218.79	22.88
		<i>For Galvanized Fittings, Add</i>	22.17	
23 21 13 23-1790	EA	3" x 1" Eccentric Reducer, Grooved	1,098.17	20.72
		<i>For Galvanized Fittings, Add</i>	128.27	
23 21 13 23-1791	EA	3" x 1-1/4" Eccentric Reducer, Grooved	998.05	21.37
		<i>For Galvanized Fittings, Add</i>	116.12	
23 21 13 23-1792	EA	3" x 1-1/2" Eccentric Reducer, Grooved	563.91	22.88
		<i>For Galvanized Fittings, Add</i>	63.65	
23 21 13 23-1793	EA	3" x 2" Eccentric Reducer, Grooved	250.07	25.43
		<i>For Galvanized Fittings, Add</i>	25.47	
23 21 13 23-1794	EA	3" x 2-1/2" Eccentric Reducer, Grooved	257.37	30.32
		<i>For Galvanized Fittings, Add</i>	25.47	
23 21 13 23-1795	EA	3-1/2" x 3" Eccentric Reducer, Grooved	1,221.43	32.68
		<i>For Galvanized Fittings, Add</i>	140.93	
23 21 13 23-1796	EA	4" x 1" Eccentric Reducer, Grooved	2,201.66	25.71
		<i>For Galvanized Fittings, Add</i>	370.96	
23 21 13 23-1797	EA	4" x 1-1/2" Eccentric Reducer, Grooved	1,350.10	27.97
		<i>For Galvanized Fittings, Add</i>	224.35	
23 21 13 23-1798	EA	4" x 2" Eccentric Reducer, Grooved	304.81	30.52
		<i>For Galvanized Fittings, Add</i>	44.44	
23 21 13 23-1799	EA	4" x 2-1/2" Eccentric Reducer, Grooved	308.11	32.68
		<i>For Galvanized Fittings, Add</i>	44.44	
23 21 13 23-1800	EA	4" x 3" Eccentric Reducer, Grooved	311.87	35.22
		<i>For Galvanized Fittings, Add</i>	44.44	
23 21 13 23-1801	EA	5" x 2" Eccentric Reducer, Grooved	1,495.75	35.50
		<i>For Galvanized Fittings, Add</i>	247.39	
23 21 13 23-1802	EA	5" x 2-1/2" Eccentric Reducer, Grooved	1,285.50	37.67
		<i>For Galvanized Fittings, Add</i>	210.77	
23 21 13 23-1803	EA	5" x 3" Eccentric Reducer, Grooved	1,247.36	40.21
		<i>For Galvanized Fittings, Add</i>	203.58	
23 21 13 23-1804	EA	5" x 4" Eccentric Reducer, Grooved	420.76	45.20
		<i>For Galvanized Fittings, Add</i>	60.53	
23 21 13 23-1805	EA	6" x 1" Eccentric Reducer, Grooved	2,299.93	38.33
		<i>For Galvanized Fittings, Add</i>	418.45	
23 21 13 23-1806	EA	6" x 2" Eccentric Reducer, Grooved	2,109.55	43.04
		<i>For Galvanized Fittings, Add</i>	381.61	
23 21 13 23-1807	EA	6" x 2-1/2" Eccentric Reducer, Grooved	2,502.99	45.20
		<i>For Galvanized Fittings, Add</i>	454.40	
23 21 13 23-1808	EA	6" x 3" Eccentric Reducer, Grooved	541.49	47.74
		<i>For Galvanized Fittings, Add</i>	87.69	
23 21 13 23-1809	EA	6" x 4" Eccentric Reducer, Grooved	490.42	52.74
		<i>For Galvanized Fittings, Add</i>	76.75	
23 21 13 23-1810	EA	6" x 5" Eccentric Reducer, Grooved	580.05	57.82
		<i>For Galvanized Fittings, Add</i>	92.07	
23 21 13 23-1811	EA	8" x 3" Eccentric Reducer, Grooved	2,457.11	54.06
		<i>For Galvanized Fittings, Add</i>	443.39	
23 21 13 23-1812	EA	8" x 4" Eccentric Reducer, Grooved	2,165.10	59.05
		<i>For Galvanized Fittings, Add</i>	387.49	
23 21 13 23-1813	EA	8" x 5" Eccentric Reducer, Grooved	2,029.45	64.04
		<i>For Galvanized Fittings, Add</i>	360.77	
23 21 13 23-1814	EA	8" x 6" Eccentric Reducer, Grooved	941.38	71.57
		<i>For Galvanized Fittings, Add</i>	155.63	
23 21 13 23-1815	EA	10" x 4" Eccentric Reducer, Grooved	3,909.02	65.64
		<i>For Galvanized Fittings, Add</i>	711.06	
23 21 13 23-1816	EA	10" x 5" Eccentric Reducer, Grooved	3,696.11	70.64
		<i>For Galvanized Fittings, Add</i>	669.92	
23 21 13 23-1817	EA	10" x 6" Eccentric Reducer, Grooved	2,824.57	78.17
		<i>For Galvanized Fittings, Add</i>	505.19	
23 21 13 23-1818	EA	10" x 8" Eccentric Reducer, Grooved	2,418.05	84.47
		<i>For Galvanized Fittings, Add</i>	427.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1819 EA 12" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	3,986.78 584.70	74.78
23 21 13 23-1820 EA 12" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	3,747.61 545.77	87.30
23 21 13 23-1821 EA 12" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	3,664.50 531.80	93.61
23 21 13 23-1822 EA 12" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	3,306.86 476.33	100.20
23 21 13 23-1823 EA 14" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	9,266.72 280.16	94.08
23 21 13 23-1824 EA 14" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	5,984.77 179.11	100.39
23 21 13 23-1825 EA 14" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	5,714.19 170.50	106.98
23 21 13 23-1826 EA 14" x 12" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	5,727.82 170.50	116.03
23 21 13 23-1827 EA 16" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	10,238.73 309.40	107.07
23 21 13 23-1828 EA 16" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	9,483.43 285.91	113.67
23 21 13 23-1829 EA 16" x 12" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	8,934.91 268.65	122.80
23 21 13 23-1830 EA 16" x 14" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	8,945.08 268.65	129.58
23 21 13 23-1831 EA 18" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	12,846.39 388.86	119.98
23 21 13 23-1832 EA 18" x 12" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	12,087.33 365.14	129.02
23 21 13 23-1833 EA 18" x 14" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	11,009.80 331.75	135.80
23 21 13 23-1834 EA 18" x 16" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	11,019.97 331.75	142.68
23 21 13 23-1835 EA 20" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	16,875.99 512.43	123.09
23 21 13 23-1836 EA 20" x 12" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	12,544.69 379.04	132.22
23 21 13 23-1837 EA 20" x 14" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	11,783.01 355.34	139.00
23 21 13 23-1838 EA 20" x 16" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	11,605.76 349.59	145.69
23 21 13 23-1839 EA 20" x 18" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	11,178.98 336.20	152.00
23 21 13 23-1840 EA 24" x 12" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	24,382.03 741.80	146.07
23 21 13 23-1841 EA 24" x 14" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	20,822.84 632.23	152.75
23 21 13 23-1842 EA 24" x 16" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	20,833.08 632.23	159.63
23 21 13 23-1843 EA 24" x 18" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	19,673.43 596.34	165.84
23 21 13 23-1844 EA 24" x 20" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	17,979.58 544.19	169.04
23 21 13 23-1845 Close Nipple, Grooved <small>(23 21 13 23-1683)</small> Note: Victaulic No. 143		
23 21 13 23-1846 EA 1-1/4" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	42.26 4.22 3.51 6.00	12.43
23 21 13 23-1847 EA 1-1/2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	49.07 4.59 3.83 6.53	15.54
23 21 13 23-1848 EA 2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	61.84 5.54 4.61 7.87	20.51
23 21 13 23-1849 EA 2-1/2" Ductile Iron, Grooved, Close Nipple <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	74.02 6.54 5.45 9.31	24.86
23 21 13 23-1850 Grooved Couplings <small>(23 21 13 23-1440)</small>		
23 21 13 23-1851 Flexible Grooved Coupling <small>(23 21 13 23-1850)</small> Note: Victaulic Style 77		
23 21 13 23-1852 EA 3/4" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	49.19 11.62	5.09
23 21 13 23-1853 EA 1" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	49.19 11.62	5.09
23 21 13 23-1854 EA 1-1/4" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	64.82 15.46	6.41
23 21 13 23-1855 EA 1-1/2" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	71.83 16.90	7.62
23 21 13 23-1856 EA 2" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	79.15 17.85	10.27

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1857	EA	2-1/2" Standard Coupling, Grooved	95.07	12.52
		<i>For Galvanized Fittings, Add</i>	21.37	
23 21 13 23-1858	EA	3" Standard Coupling, Grooved	98.70	14.98
		<i>For Galvanized Fittings, Add</i>	21.37	
23 21 13 23-1859	EA	3-1/2" Standard Coupling, Grooved	149.27	17.52
		<i>For Galvanized Fittings, Add</i>	34.43	
23 21 13 23-1860	EA	4" Standard Coupling, Grooved	152.95	19.96
		<i>For Galvanized Fittings, Add</i>	34.43	
23 21 13 23-1861	EA	5" Standard Coupling, Grooved	226.01	25.05
		<i>For Galvanized Fittings, Add</i>	52.79	
23 21 13 23-1862	EA	6" Standard Coupling, Grooved	271.90	32.68
		<i>For Galvanized Fittings, Add</i>	62.40	
23 21 13 23-1863	EA	8" Standard Coupling, Grooved	421.66	38.98
		<i>For Galvanized Fittings, Add</i>	101.71	
23 21 13 23-1864	EA	10" Standard Coupling, Grooved	673.79	46.71
		<i>For Galvanized Fittings, Add</i>	169.04	
23 21 13 23-1865	EA	12" Standard Coupling, Grooved	764.02	51.13
		<i>For Galvanized Fittings, Add</i>	192.47	
23 21 13 23-1866	EA	14" Standard Coupling, Grooved	937.24	68.18
		<i>For Galvanized Fittings, Add</i>	233.81	
23 21 13 23-1867	EA	16" Standard Coupling, Grooved	1,217.95	81.84
		<i>For Galvanized Fittings, Add</i>	306.69	
23 21 13 23-1868	EA	18" Standard Coupling, Grooved	1,419.04	90.88
		<i>For Galvanized Fittings, Add</i>	359.18	
23 21 13 23-1869	EA	20" Standard Coupling, Grooved	2,171.31	102.28
		<i>For Galvanized Fittings, Add</i>	565.05	
23 21 13 23-1870	EA	24" Standard Coupling, Grooved	2,401.73	125.82
		<i>For Galvanized Fittings, Add</i>	619.66	
23 21 13 23-1871		Zero-Flex® Rigid Coupling <small>(23 21 13 23-1850)</small>		
		Note: Victaulic Style 07		
23 21 13 23-1872	EA	1" Rigid Coupling, Grooved	65.42	5.09
		<i>For Galvanized Fittings, Add</i>	14.14	
23 21 13 23-1873	EA	1-1/4" Rigid Coupling, Grooved	67.35	6.41
		<i>For Galvanized Fittings, Add</i>	14.14	
23 21 13 23-1874	EA	1-1/2" Rigid Coupling, Grooved	69.22	7.62
		<i>For Galvanized Fittings, Add</i>	14.14	
23 21 13 23-1875	EA	2" Rigid Coupling, Grooved	74.59	10.27
		<i>For Galvanized Fittings, Add</i>	14.50	
23 21 13 23-1876	EA	2-1/2" Rigid Coupling, Grooved	87.00	12.52
		<i>For Galvanized Fittings, Add</i>	16.72	
23 21 13 23-1877	EA	3" Rigid Coupling, Grooved	90.63	14.98
		<i>For Galvanized Fittings, Add</i>	16.72	
23 21 13 23-1878	EA	3-1/2" Rigid Coupling, Grooved	106.06	17.52
		<i>For Galvanized Fittings, Add</i>	19.54	
23 21 13 23-1879	EA	4" Rigid Coupling, Grooved	143.00	19.96
		<i>For Galvanized Fittings, Add</i>	27.69	
23 21 13 23-1880	EA	5" Rigid Coupling, Grooved	184.26	25.05
		<i>For Galvanized Fittings, Add</i>	35.96	
23 21 13 23-1881	EA	6" Rigid Coupling, Grooved	245.24	32.68
		<i>For Galvanized Fittings, Add</i>	48.07	
23 21 13 23-1882	EA	8" Rigid Coupling, Grooved	367.48	38.98
		<i>For Galvanized Fittings, Add</i>	75.72	
23 21 13 23-1883	EA	10" Rigid Coupling, Grooved	623.89	46.71
		<i>For Galvanized Fittings, Add</i>	135.69	
23 21 13 23-1884	EA	12" Rigid Coupling, Grooved	696.38	51.13
		<i>For Galvanized Fittings, Add</i>	151.84	
23 21 13 23-1885	EA	14" Rigid Coupling, Grooved	911.88	68.18
		<i>For Galvanized Fittings, Add</i>	198.37	
23 21 13 23-1886	EA	16" Rigid Coupling, Grooved	1,178.64	81.84
		<i>For Galvanized Fittings, Add</i>	258.72	
23 21 13 23-1887	EA	18" Rigid Coupling, Grooved	1,357.03	90.88
		<i>For Galvanized Fittings, Add</i>	299.09	
23 21 13 23-1888	EA	20" Rigid Coupling, Grooved	1,606.69	102.28
		<i>For Galvanized Fittings, Add</i>	356.09	
23 21 13 23-1889	EA	24" Rigid Coupling, Grooved	2,329.44	125.82
		<i>For Galvanized Fittings, Add</i>	524.49	
23 21 13 23-1890		Large Diameter Grooved Coupling <small>(23 21 13 23-1850)</small>		
		Note: Victaulic Style 770		
23 21 13 23-1891	EA	28" Coupling, Grooved	2,606.37	25.05
		<i>For Galvanized Fittings, Add</i>	359.64	
23 21 13 23-1892	EA	30" Coupling, Grooved	3,006.63	32.68
		<i>For Galvanized Fittings, Add</i>	414.06	
23 21 13 23-1893	EA	32" Coupling, Grooved	4,487.56	38.98
		<i>For Galvanized Fittings, Add</i>	620.08	
23 21 13 23-1894	EA	36" Coupling, Grooved	5,970.79	46.71
		<i>For Galvanized Fittings, Add</i>	826.10	
23 21 13 23-1895	EA	42" Coupling, Grooved	12,010.30	51.13
		<i>For Galvanized Fittings, Add</i>	1,670.71	
23 21 13 23-1896		Flexible Coupling <small>(23 21 13 23-1850)</small>		
		Note: Victaulic Style 75		
23 21 13 23-1897	EA	1-1/2" Flexible Coupling, Grooved	63.96	7.62
		<i>For Galvanized Fittings, Add</i>	13.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1898	EA	2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	69.21 13.78	10.27
23 21	13 23-1899	EA	2-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	81.13 15.97	12.52
23 21	13 23-1900	EA	3" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	94.91 18.57	14.98
23 21	13 23-1901	EA	3-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	129.05 26.30	17.52
23 21	13 23-1902	EA	4" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	132.73 26.30	19.96
23 21	13 23-1903	EA	5" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	185.73 37.95	25.05
23 21	13 23-1904	EA	6" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	227.62 45.71	32.68
23 21	13 23-1905	EA	8" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	339.10 71.86	38.98
23 21 13 23-1906 Installation-Ready™ Coupling (23 21 13 23-1850)					
Note: Victaulic Style 009N					
23 21	13 23-1907	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	48.46 10.56	4.76
23 21	13 23-1908	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	50.73 10.78	5.68
23 21	13 23-1909	EA	2" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	59.22 12.19	7.64
23 21	13 23-1910	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	68.90 14.05	9.26
23 21	13 23-1911	EA	3" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	78.95 15.90	11.12
23 21	13 23-1912	EA	4" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	109.70 22.32	14.86
23 21	13 23-1913	EA	5" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	170.78 36.51	18.59
23 21	13 23-1914	EA	6" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	207.23 43.62	24.30
23 21	13 23-1915	EA	8" Ductile Iron, Installation-Ready™ Coupling <i>For Galvanized Fittings, Add</i>	328.51 72.89	28.91
23 21 13 23-1916 Grooved Strainers And Suction Diffusers (23 21 13 23-1440)					
23 21 13 23-1917 Grooved Wye Strainers (23 21 13 23-1916)					
Note: Victaulic Style 732					
23 21	13 23-1918	EA	2" Wye Strainer, Grooved	1,361.98	20.72
23 21	13 23-1919	EA	2-1/2" Wye Strainer, Grooved	1,435.79	25.14
23 21	13 23-1920	EA	3" Wye Strainer, Grooved	1,615.97	30.13
23 21	13 23-1921	EA	4" Wye Strainer, Grooved	1,837.71	40.21
23 21	13 23-1922	EA	5" Wye Strainer, Grooved	2,650.16	50.29
23 21	13 23-1923	EA	6" Wye Strainer, Grooved	2,893.78	65.36
23 21	13 23-1924	EA	8" Wye Strainer, Grooved	4,402.69	77.89
23 21	13 23-1925	EA	10" Wye Strainer, Grooved	7,026.04	91.06
23 21	13 23-1926	EA	12" Wye Strainer, Grooved	12,199.40	109.34
23 21 13 23-1927 Grooved Tee Type Strainers (23 21 13 23-1916)					
Note: Victaulic Style 730					
23 21	13 23-1928	EA	1-1/2" Tee Type Strainer, Grooved	1,050.58	15.73
23 21	13 23-1929	EA	2" Tee Type Strainer, Grooved	1,345.55	20.72
23 21	13 23-1930	EA	2-1/2" Tee Type Strainer, Grooved	1,418.72	25.14
23 21	13 23-1931	EA	3" Tee Type Strainer, Grooved	1,596.68	30.13
23 21	13 23-1932	EA	4" Tee Type Strainer, Grooved	1,815.84	40.21
23 21	13 23-1933	EA	5" Tee Type Strainer, Grooved	2,618.32	50.29
23 21	13 23-1934	EA	6" Tee Type Strainer, Grooved	2,859.44	65.36
23 21	13 23-1935	EA	8" Tee Type Strainer, Grooved	4,349.52	77.89
23 21	13 23-1936	EA	10" Tee Type Strainer, Grooved	6,353.19	91.06
23 21	13 23-1937	EA	12" Tee Type Strainer, Grooved	8,166.39	109.34
23 21	13 23-1938	EA	14" Tee Type Strainer, Grooved	28,709.71	123.09
23 21	13 23-1939	EA	16" Tee Type Strainer, Grooved	35,656.87	136.27
23 21	13 23-1940	EA	18" Tee Type Strainer, Grooved	46,853.57	148.89
23 21 13 23-1941 Grooved Suction Diffuser (23 21 13 23-1916)					
Note: Victaulic Style 731					
23 21	13 23-1942	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	2,764.33	23.26
23 21	13 23-1943	EA	3" Grooved x 2" Flanged Suction Diffuser	2,935.16	25.71
23 21	13 23-1944	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	2,127.66	30.13
23 21	13 23-1945	EA	3" Grooved x 3" Flanged Suction Diffuser	2,158.88	32.68
23 21	13 23-1946	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	2,336.93	32.68
23 21	13 23-1947	EA	4" Grooved x 3" Flanged Suction Diffuser	2,521.22	35.22
23 21	13 23-1948	EA	4" Grooved x 4" Flanged Suction Diffuser	2,911.84	35.22
23 21	13 23-1949	EA	5" Grooved x 4" Flanged Suction Diffuser	3,254.46	45.20
23 21	13 23-1950	EA	5" Grooved x 5" Flanged Suction Diffuser	3,419.93	47.74
23 21	13 23-1951	EA	6" Grooved x 4" Flanged Suction Diffuser	3,476.75	52.74
23 21	13 23-1952	EA	6" Grooved x 5" Flanged Suction Diffuser	4,151.05	57.82
23 21	13 23-1953	EA	6" Grooved x 6" Flanged Suction Diffuser	4,312.39	61.59
23 21	13 23-1954	EA	8" Grooved x 5" Flanged Suction Diffuser	4,425.35	64.04

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table listing items 23 21 13 23-1955 through 23 21 13 23-1964, including descriptions like '8" Grooved x 6" Flanged Suction Diffuser' and costs.

23 21 13 23-1965 Grooved Steel Valves (23 21 13 23-1440)

23 21 13 23-1966 Grooved Butterfly Valves With Standard Trim (23 21 13 23-1965)

Table listing items 23 21 13 23-1967 through 23 21 13 23-1973, including descriptions like '1-1/2" Butterfly Valve, Grooved, With Standard Trim' and costs.

23 21 13 23-1974 Grooved Butterfly Valves With Stainless Steel Trim (23 21 13 23-1965)

Table listing items 23 21 13 23-1975 through 23 21 13 23-1981, including descriptions like '1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim' and costs.

23 21 13 23-1982 Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-1965)

Note: Victaulic No. 721

Table listing items 23 21 13 23-1983 through 23 21 13 23-1988, including descriptions like '1-1/2" Ball Valve, Grooved, With Standard Trim' and costs.

23 21 13 23-1989 Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-1965)

Note: Victaulic No. 721

Table listing items 23 21 13 23-1990 through 23 21 13 23-1995, including descriptions like '1-1/2" Ball Valve, Grooved, With Stainless Steel Trim' and costs.

23 21 13 23-1996 Grooved Check Valves (23 21 13 23-1965)

Note: Victaulic No. 712

Table listing items 23 21 13 23-1997 through 23 21 13 23-2000, including descriptions like '2" Check Valve, Grooved' and costs.

23 21 13 23-2001 Grooved Vic-Check Check Valves (23 21 13 23-1965)

Note: Victaulic No. 716

Table listing items 23 21 13 23-2002 through 23 21 13 23-2008, including descriptions like '2-1/2" "Vic-Check" Check Valve, Grooved' and costs.

23 21 13 23-2009 Grooved Plug Valves With Lever Operator (23 21 13 23-1965)

Note: Victaulic No. 377

Table listing items 23 21 13 23-2010 through 23 21 13 23-2012, including descriptions like '3" Balancing Plug Valve, Grooved, With Lever Handle' and costs.

23 21 13 23-2013 Grooved Plug Valve With Gear Operator (23 21 13 23-1965)

Note: Victaulic No. 377

Table listing items 23 21 13 23-2014 through 23 21 13 23-2016, including descriptions like '3" Balancing Plug Valve, Grooved, With Gear Operator' and costs.

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2017	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	1,996.01	60.28
23 21	13 23-2018	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	3,127.70	81.65
23 21	13 23-2019	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	4,518.91	94.27
23 21	13 23-2020		Prepare Pipe For Groove <small>(23 21 13 23-1440)</small>		
23 21	13 23-2021		Cut Grooved Pipe <small>(23 21 13 23-2020)</small> Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
	23 21 13 23-2022	EA	Cut 3/4" Groove.....	9.87	
	23 21 13 23-2023	EA	Cut 1" Groove.....	10.71	
	23 21 13 23-2024	EA	Cut 1-1/4" Groove.....	12.09	
	23 21 13 23-2025	EA	Cut 1-1/2" Groove.....	13.16	
	23 21 13 23-2026	EA	Cut 2" Groove.....	14.42	
	23 21 13 23-2027	EA	Cut 2-1/2" Groove.....	15.62	
	23 21 13 23-2028	EA	Cut 3" Groove.....	17.04	
	23 21 13 23-2029	EA	Cut 3-1/2" Groove.....	18.06	
	23 21 13 23-2030	EA	Cut 4" Groove.....	19.23	
	23 21 13 23-2031	EA	Cut 5" Groove.....	20.83	
	23 21 13 23-2032	EA	Cut 6" Groove.....	21.42	
	23 21 13 23-2033	EA	Cut 8" Groove.....	27.77	
	23 21 13 23-2034	EA	Cut 10" Groove.....	39.47	
	23 21 13 23-2035	EA	Cut 12" Groove.....	49.99	
	23 21 13 23-2036	EA	Cut 14" Groove.....	74.98	
	23 21 13 23-2037	EA	Cut 16" Groove.....	78.92	
	23 21 13 23-2038	EA	Cut 18" Groove.....	83.31	
	23 21 13 23-2039	EA	Cut 20" Groove.....	88.22	
	23 21 13 23-2040	EA	Cut 24" Groove.....	99.97	
23 21	13 23-2041		Roll Grooved Pipe <small>(23 21 13 23-2020)</small> Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
	23 21 13 23-2042	EA	Roll 3/4" Groove.....	5.64	
	23 21 13 23-2043	EA	Roll 1" Groove.....	6.58	
	23 21 13 23-2044	EA	Roll 1-1/4" Groove.....	7.49	
	23 21 13 23-2045	EA	Roll 1-1/2" Groove.....	8.43	
	23 21 13 23-2046	EA	Roll 2" Groove.....	12.92	
	23 21 13 23-2047	EA	Roll 2-1/2" Groove.....	13.63	
	23 21 13 23-2048	EA	Roll 3" Groove.....	15.00	
	23 21 13 23-2049	EA	Roll 3-1/2" Groove.....	15.95	
	23 21 13 23-2050	EA	Roll 4" Groove.....	17.44	
	23 21 13 23-2051	EA	Roll 5" Groove.....	17.85	
	23 21 13 23-2052	EA	Roll 6" Groove.....	18.75	
	23 21 13 23-2053	EA	Roll 8" Groove.....	22.72	
	23 21 13 23-2054	EA	Roll 10" Groove.....	25.86	
	23 21 13 23-2055	EA	Roll 12" Groove.....	32.60	
	23 21 13 23-2056	EA	Roll 14" Groove.....	49.99	
	23 21 13 23-2057	EA	Roll 16" Groove.....	53.56	
	23 21 13 23-2058	EA	Roll 18" Groove.....	55.54	
	23 21 13 23-2059	EA	Roll 20" Groove.....	59.98	
	23 21 13 23-2060	EA	Roll 24" Groove.....	65.20	
23 21	13 23-2061		Standard Gaskets <small>(23 21 13 23-2020)</small> Note: For use on replacement of existing gaskets.		
	23 21 13 23-2062	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	33.86	
	23 21 13 23-2063	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	34.65	
	23 21 13 23-2064	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	36.02	
	23 21 13 23-2065	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	39.37	
	23 21 13 23-2066	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	39.94	
	23 21 13 23-2067	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	47.45	
	23 21 13 23-2068	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	51.86	
	23 21 13 23-2069	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	64.73	
	23 21 13 23-2070	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	65.19	
	23 21 13 23-2071	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	82.75	
	23 21 13 23-2072	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	89.15	
	23 21 13 23-2073	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	121.88	
	23 21 13 23-2074	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	154.26	
	23 21 13 23-2075	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	180.85	
	23 21 13 23-2076	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	251.52	
	23 21 13 23-2077	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	340.90	
	23 21 13 23-2078	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	407.12	
	23 21 13 23-2079	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	613.17	
	23 21 13 23-2080	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	844.97	
23 21	13 23-2081		Copper Grooved-Joint Pipe Fittings <small>(23 21 13 23)</small> Note: Couplings are not included with fittings.		
23 21	13 23-2082		Grooved Fittings <small>(23 21 13 23-2081)</small>		
23 21	13 23-2083		Grooved 90 Degree Elbows <small>(23 21 13 23-2082)</small>		
	23 21 13 23-2084	EA	2" Copper 90 Degree Elbow, Grooved.....	62.59	15.35
	23 21 13 23-2085	EA	2-1/2" Copper 90 Degree Elbow, Grooved.....	71.92	18.74
	23 21 13 23-2086	EA	3" Copper 90 Degree Elbow, Grooved.....	93.67	22.70

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Contains multiple rows of material specifications and costs.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2155 EA 6" Copper Standard Coupling, Grooved	96.64	24.48
23 21 13 23-2156 EA 8" Copper Standard Coupling, Grooved	132.49	29.20
23 21 13 23-2157 Grooved Caps <small>(2321 13 23-2082)</small>		
23 21 13 23-2158 EA 2" Copper Cap, Grooved	37.32	7.72
23 21 13 23-2159 EA 2-1/2" Copper Cap, Grooved	51.29	9.41
23 21 13 23-2160 EA 3" Copper Cap, Grooved	62.76	11.20
23 21 13 23-2161 EA 4" Copper Cap, Grooved	90.57	14.98
23 21 13 23-2162 EA 5" Copper Cap, Grooved	144.90	18.74
23 21 13 23-2163 EA 6" Copper Cap, Grooved	172.68	24.48
23 21 13 23-2164 Grooved Valves <small>(2321 13 23-2081)</small>		
23 21 13 23-2165 Grooved Butterfly Valves, Standard Trim, Without Operator <small>(2321 13 23-2164)</small> <small>Note: Copper body.</small>		
23 21 13 23-2166 EA 2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	455.05	10.08
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2167 EA 3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	516.99	14.98
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2168 EA 4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	683.43	19.68
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2169 EA 6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	910.97	32.31
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2170 EA 8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,002.63	45.39
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2171 Grooved Butterfly Valves, Standard Trim, With Operator <small>(2321 13 23-2164)</small> <small>Note: Copper body.</small>		
23 21 13 23-2172 EA 2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	556.28	10.08
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2173 EA 3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	618.30	14.98
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2174 EA 4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	784.73	19.68
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2175 EA 6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,012.34	32.31
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2176 EA 8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,103.94	45.39
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2177 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(2321 13 23)</small> <small>Note: Socket or back weld.</small>		
23 21 13 23-2178 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(2321 13 23-2177)</small> <small>Note: ASTM D1785 with D2466 fittings.</small>		
23 21 13 23-2179 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe <small>(2321 13 23-2178)</small>		
23 21 13 23-2180 LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.37	2.70
<i>For Work In Restricted Working Space, Add</i>	1.21	
23 21 13 23-2181 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.48	3.36
<i>For Work In Restricted Working Space, Add</i>	1.52	
23 21 13 23-2182 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.00	3.59
<i>For Work In Restricted Working Space, Add</i>	1.61	
23 21 13 23-2183 LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.60	3.86
<i>For Work In Restricted Working Space, Add</i>	1.74	
23 21 13 23-2184 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.81	3.92
<i>For Work In Restricted Working Space, Add</i>	1.76	
23 21 13 23-2185 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.31	4.70
<i>For Work In Restricted Working Space, Add</i>	2.12	
23 21 13 23-2186 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.37	5.58
<i>For Work In Restricted Working Space, Add</i>	2.51	
23 21 13 23-2187 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	12.72	6.75
<i>For Work In Restricted Working Space, Add</i>	3.04	
23 21 13 23-2188 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	18.92	10.13
<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2189 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	26.78	13.51
<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2190 LF 8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	34.04	16.09
<i>For Work In Restricted Working Space, Add</i>	7.25	
23 21 13 23-2191 LF 10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	57.23	17.97
<i>For Work In Restricted Working Space, Add</i>	8.08	
23 21 13 23-2192 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows <small>(2321 13 23-2178)</small>		
23 21 13 23-2193 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	15.58	10.17
<i>For Work In Restricted Working Space, Add</i>	4.56	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

23 21 13 23-2194	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	20.80	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2195	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	26.08	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2196	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	37.31	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2197	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	41.96	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2198	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	53.87	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2199	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	84.37	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2200	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	109.98	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2201	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	137.10	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2202	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	180.93	89.75
			<i>For Work In Restricted Working Space, Add</i>	40.36	
23 21 13 23-2203	EA	8"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	276.42	104.72
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 21 13 23-2204	EA	10"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	413.05	156.15
			<i>For Work In Restricted Working Space, Add</i>	70.21	

23 21 13 23-2205 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2178)

23 21 13 23-2206	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	15.77	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2207	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.19	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2208	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	26.62	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2209	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	37.65	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2210	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	42.73	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2211	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	54.37	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2212	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	84.37	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2213	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	113.22	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2214	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	143.00	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2215	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	181.47	89.75
			<i>For Work In Restricted Working Space, Add</i>	40.36	
23 21 13 23-2216	EA	8"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	269.90	104.72
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 21 13 23-2217	EA	10"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	413.05	156.15
			<i>For Work In Restricted Working Space, Add</i>	70.21	

23 21 13 23-2218 Schedule 40 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2178)

23 21 13 23-2219	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Tees	25.57	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2220	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Tees	30.87	20.25
			<i>For Work In Restricted Working Space, Add</i>	9.11	
23 21 13 23-2221	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) Tees	41.04	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2222	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) Tees	52.44	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2223	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Tees	62.65	40.49
			<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-2224	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) Tees	78.08	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2225	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Tees	108.24	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2226	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) Tees	129.65	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2227	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) Tees	178.58	104.72
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 21 13 23-2228	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) Tees	275.39	135.04
			<i>For Work In Restricted Working Space, Add</i>	60.76	
23 21 13 23-2229	EA	8"	Schedule 40 Polyvinyl Chloride (PVC) Tees	420.19	167.54
			<i>For Work In Restricted Working Space, Add</i>	75.34	
23 21 13 23-2230	EA	10"	Schedule 40 Polyvinyl Chloride (PVC) Tees	1,036.84	250.32
			<i>For Work In Restricted Working Space, Add</i>	112.59	

23 21 13 23-2231 Schedule 40 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2178)

23 21 13 23-2232	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Crosses	32.12	20.91
			<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21 13 23-2233	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Crosses	38.77	25.34
			<i>For Work In Restricted Working Space, Add</i>	11.39	
23 21 13 23-2234	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) Crosses	51.61	33.43
			<i>For Work In Restricted Working Space, Add</i>	15.03	
23 21 13 23-2235	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) Crosses	66.06	42.47
			<i>For Work In Restricted Working Space, Add</i>	19.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-2236	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	78.91 22.79		50.67
23 21 13 23-2237	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	98.47 28.25		62.81
23 21 13 23-2238	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	138.19 37.17		82.68
23 21 13 23-2239	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	165.83 44.14		98.13
23 21 13 23-2240	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	230.08 58.86		130.90
23 21 13 23-2241	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	367.29 75.92		168.76
23 21 13 23-2242	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	578.77 94.13		209.25
23 21 13 23-2243	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	1,506.38 140.81		313.04
23 21 13 23-2244 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2178)				
23 21 13 23-2245	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	16.10 4.73		
23 21 13 23-2246	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	20.90 6.05		
23 21 13 23-2247	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	27.91 8.09		
23 21 13 23-2248	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	34.60 10.08		
23 21 13 23-2249	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	42.14 12.13		
23 21 13 23-2250	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	58.81 16.83		
23 21 13 23-2251	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	81.59 23.26		
23 21 13 23-2252	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	105.53 28.91		
23 21 13 23-2253	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	134.84 33.63		
23 21 13 23-2254	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	260.26 38.87		
23 21 13 23-2255	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	318.88 52.13		
23 21 13 23-2256 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2178)				
23 21 13 23-2257	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	16.00 4.56		10.17
23 21 13 23-2258	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	21.07 6.08		13.47
23 21 13 23-2259	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	26.11 7.53		16.77
23 21 13 23-2260	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	37.07 10.66		23.74
23 21 13 23-2261	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	41.85 12.02		26.74
23 21 13 23-2262	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	53.33 15.27		34.00
23 21 13 23-2263	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	78.85 22.60		50.29
23 21 13 23-2264	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	103.18 29.74		66.11
23 21 13 23-2265	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	126.87 35.32		78.54
23 21 13 23-2266 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters (23 21 13 23-2178)				
23 21 13 23-2267	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	16.27 4.56		10.17
23 21 13 23-2268	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	21.34 6.08		13.47
23 21 13 23-2269	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	26.65 7.53		16.77
23 21 13 23-2270	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	37.38 10.66		23.74
23 21 13 23-2271	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	42.54 12.02		26.74
23 21 13 23-2272	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	53.95 15.27		34.00
23 21 13 23-2273	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	79.55 22.60		50.29
23 21 13 23-2274	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	105.31 29.74		66.11
23 21 13 23-2275	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	125.63 35.32		78.54

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2276			Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <small>(23 21 13 23-2178)</small>		
23 21 13 23-2277	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	15.58	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2278	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	20.76	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2279	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	25.69	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2280	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	36.46	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2281	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	41.15	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2282	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	52.37	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2283	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	81.71	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2284	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	107.70	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2285	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	131.88	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2286			Schedule 40 Polyvinyl Chloride (PVC) P-Traps <small>(23 21 13 23-2178)</small>		
23 21 13 23-2287	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps.....	23.54	13.84
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2288			Schedule 40 Polyvinyl Chloride (PVC) Couplings <small>(23 21 13 23-2178)</small>		
23 21 13 23-2289	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	15.42	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2290	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	20.57	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2291	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	25.69	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2292	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	36.30	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2293	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	40.92	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2294	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	52.21	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2295	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	78.27	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2296	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	103.72	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2297	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	124.40	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2298	EA		6" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	155.68	89.75
			<i>For Work In Restricted Working Space, Add</i>	40.36	
23 21 13 23-2299	EA		8" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	196.48	104.72
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 21 13 23-2300	EA		10" Schedule 40 Polyvinyl Chloride (PVC) Couplings.....	349.65	112.25
			<i>For Work In Restricted Working Space, Add</i>	50.48	
23 21 13 23-2301			Schedule 40 Polyvinyl Chloride (PVC) Unions <small>(23 21 13 23-2178)</small>		
23 21 13 23-2302	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	27.14	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2303	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	36.89	20.25
			<i>For Work In Restricted Working Space, Add</i>	9.11	
23 21 13 23-2304	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Unions	47.36	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2305	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	68.66	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2306	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	79.29	40.49
			<i>For Work In Restricted Working Space, Add</i>	18.23	
23 21 13 23-2307	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Unions	100.31	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2308	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	144.44	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2309	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Unions	165.74	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2310	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Unions	252.18	104.72
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 21 13 23-2311	EA		6" Schedule 40 Polyvinyl Chloride (PVC) Unions	330.08	135.04
			<i>For Work In Restricted Working Space, Add</i>	60.73	
23 21 13 23-2312	EA		8" Schedule 40 Polyvinyl Chloride (PVC) Unions	461.58	167.44
			<i>For Work In Restricted Working Space, Add</i>	75.30	
23 21 13 23-2313	EA		10" Schedule 40 Polyvinyl Chloride (PVC) Unions	658.77	207.84
			<i>For Work In Restricted Working Space, Add</i>	93.50	
23 21 13 23-2314			Schedule 40 Polyvinyl Chloride (PVC) Caps <small>(23 21 13 23-2178)</small>		
23 21 13 23-2315	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	15.70	10.30
			<i>For Work In Restricted Working Space, Add</i>	4.62	
23 21 13 23-2316	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	20.65	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2317	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	25.73 7.53	16.77
23 21	13 23-2318	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	36.85 10.80	24.05
23 21	13 23-2319	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	41.00 12.02	26.74
23 21	13 23-2320	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	52.02 15.27	34.00
23 21	13 23-2321	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	79.01 22.60	50.29
23 21	13 23-2322	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	103.11 29.74	66.11
23 21	13 23-2323	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	126.83 35.32	78.54
23 21	13 23-2324	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	156.34 40.36	89.75
23 21	13 23-2325	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	229.91 47.09	104.72
23 21	13 23-2326	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	438.17 50.48	112.25
23 21 13 23-2327 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2178)					
23 21	13 23-2328	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges <i>For Work In Restricted Working Space, Add</i>	32.87 7.53	16.77
23 21	13 23-2329	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	42.26 9.11	20.25
23 21	13 23-2330	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	53.31 12.02	26.74
23 21	13 23-2331	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	64.52 15.27	34.00
23 21	13 23-2332	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	74.69 18.23	40.49
23 21	13 23-2333	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	93.87 22.60	50.29
23 21	13 23-2334	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	127.73 29.74	66.11
23 21	13 23-2335	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	149.29 35.32	78.54
23 21	13 23-2336	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	196.95 47.09	104.72
23 21	13 23-2337	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	265.31 60.73	135.04
23 21	13 23-2338	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	392.84 75.30	167.44
23 21	13 23-2339	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	630.88 93.35	207.56
23 21 13 23-2340 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2177)					
Note: ASTM D1785 with D2467 fittings.					
23 21 13 23-2341 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2340)					
23 21	13 23-2342	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	4.47 1.21	2.74
23 21	13 23-2343	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.60 1.52	3.39
23 21	13 23-2344	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.86 1.82	4.05
23 21	13 23-2345	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.17 2.12	4.71
23 21	13 23-2346	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	9.40 2.43	5.37
23 21	13 23-2347	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	12.03 3.04	6.78
23 21	13 23-2348	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	13.97 3.34	7.44
23 21	13 23-2349	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	15.91 3.65	8.10
23 21	13 23-2350	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	20.71 4.56	10.17
23 21	13 23-2351	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	30.75 6.08	13.47
23 21	13 23-2352	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	40.13 7.25	16.10
23 21	13 23-2353	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	75.25 7.80	17.33
23 21 13 23-2354 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2340)					
23 21	13 23-2355	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	16.58 4.56 2.28	10.17
23 21	13 23-2356	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	22.07 6.08 3.04	13.47

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2357	EA 1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	28.04 7.53 3.77	16.77
23 21 13 23-2358	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	39.43 10.66 5.33	23.74
23 21 13 23-2359	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	44.24 12.02 6.01	26.74
23 21 13 23-2360	EA 2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	55.96 15.27 7.64	34.00
23 21 13 23-2361	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	87.19 22.60 11.30	50.29
23 21 13 23-2362	EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	112.45 29.74 14.87	66.11
23 21 13 23-2363	EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	137.95 35.32 17.66	78.54
23 21 13 23-2364	EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	207.60 40.36 20.18	89.75
23 21 13 23-2365	EA 8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	315.79 47.09 23.54	104.72
23 21 13 23-2366	EA 10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	442.19 78.95 39.48	175.54
23 21 13 23-2367 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2340)			
23 21 13 23-2368	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	17.85 4.56 2.28	10.17
23 21 13 23-2369	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	24.31 6.08 3.04	13.47
23 21 13 23-2370	EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	31.21 7.53 3.77	16.77
23 21 13 23-2371	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	43.33 10.66 5.33	23.74
23 21 13 23-2372	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	49.26 12.02 6.01	26.74
23 21 13 23-2373	EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	62.83 15.27 7.64	34.00
23 21 13 23-2374	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	100.43 22.60 11.30	50.29
23 21 13 23-2375	EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	129.66 29.74 14.87	66.11
23 21 13 23-2376	EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	172.73 35.32 17.66	78.54
23 21 13 23-2377	EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	203.78 40.36 20.18	89.75
23 21 13 23-2378	EA 8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	307.12 47.09 23.54	104.72
23 21 13 23-2379	EA 10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	432.43 78.95 39.48	175.54
23 21 13 23-2380 Schedule 80 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2340)			
23 21 13 23-2381	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	27.82 7.15 3.58	15.91
23 21 13 23-2382	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	34.54 9.11 4.56	20.25
23 21 13 23-2383	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	45.28 12.02 6.01	26.74
23 21 13 23-2384	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	65.30 15.27 7.64	34.00
23 21 13 23-2385	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	75.16 18.23 9.11	40.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2386	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	93.37 22.60 11.30	50.29
23 21	13 23-2387	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	118.74 29.74 14.87	66.11
23 21	13 23-2388	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	142.19 35.32 17.66	78.54
23 21	13 23-2389	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	185.33 47.09 23.54	104.72
23 21	13 23-2390	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	299.44 60.76 30.38	135.04
23 21	13 23-2391	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	475.94 75.34 37.67	167.54
23 21	13 23-2392	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,036.88 112.59 56.30	250.32
23 21 13 23-2393 Schedule 80 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2340)					
23 21	13 23-2394	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.03 8.94 4.47	19.87
23 21	13 23-2395	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	44.51 11.39 5.70	25.34
23 21	13 23-2396	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	58.27 15.03 7.52	33.43
23 21	13 23-2397	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	86.21 19.09 9.55	42.47
23 21	13 23-2398	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	98.52 22.79 11.39	50.67
23 21	13 23-2399	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	122.43 28.25 14.13	62.81
23 21	13 23-2400	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	154.65 37.17 18.59	82.68
23 21	13 23-2401	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	185.50 44.14 22.07	98.13
23 21	13 23-2402	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	240.68 58.86 29.43	130.90
23 21	13 23-2403	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	404.99 75.92 37.96	168.76
23 21	13 23-2404	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	666.16 94.13 47.06	209.25
23 21	13 23-2405	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,506.45 140.81 70.41	313.04
23 21 13 23-2406 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2340)					
23 21	13 23-2407	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	21.07 6.08	13.47
23 21	13 23-2408	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	27.46 7.53	16.77
23 21	13 23-2409	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	39.24 10.66	23.74
23 21	13 23-2410	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	45.13 12.02	26.74
23 21	13 23-2411	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	58.12 15.27	34.00
23 21	13 23-2412	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	87.85 22.60	50.29
23 21	13 23-2413	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	119.01 29.74	66.11
23 21	13 23-2414	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	145.28 35.32	78.54
23 21	13 23-2415	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	165.10 40.36	89.75
23 21	13 23-2416	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	224.81 47.09	104.72
23 21	13 23-2417	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	327.46 54.70	121.58
23 21 13 23-2418 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2340)					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2419	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	15.46	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2420	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	21.77	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2421	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	27.46	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2422	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	40.32	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2423	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	46.09	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2424	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	58.27	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2425	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	90.93	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2426	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	128.00	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2427	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	162.11	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2428 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <small>(23 21 13 23-2340)</small>					
23 21 13 23-2429	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	18.47	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2430	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	23.89	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2431	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	31.44	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2432	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	42.94	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2433	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	50.72	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2434	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	64.80	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2435	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	91.16	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2436	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	116.69	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2437	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	148.95	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2438 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <small>(23 21 13 23-2340)</small>					
23 21 13 23-2439	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	17.58	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
23 21 13 23-2440	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	23.81	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 21 13 23-2441	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	30.36	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2442	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	44.06	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
23 21 13 23-2443	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	50.53	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 21 13 23-2444	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	69.12	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
23 21 13 23-2445	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	104.13	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
23 21 13 23-2446	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	131.55	66.11
			<i>For Work In Restricted Working Space, Add</i>	29.74	
23 21 13 23-2447	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	173.45	78.54
			<i>For Work In Restricted Working Space, Add</i>	35.32	
23 21 13 23-2448 Schedule 80 Polyvinyl Chloride (PVC) Couplings <small>(23 21 13 23-2340)</small>					
23 21 13 23-2449	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	17.74	10.17
			<i>For Work In Restricted Working Space, Add</i>	4.56	
			<i>For Threaded Fittings, Add</i>	2.28	
23 21 13 23-2450	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	23.70	13.47
			<i>For Work In Restricted Working Space, Add</i>	6.08	
			<i>For Threaded Fittings, Add</i>	3.04	
23 21 13 23-2451	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	28.66	16.77
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For Threaded Fittings, Add</i>	3.77	
23 21 13 23-2452	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	40.97	23.74
			<i>For Work In Restricted Working Space, Add</i>	10.66	
			<i>For Threaded Fittings, Add</i>	5.33	
23 21 13 23-2453	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	45.94	26.74
			<i>For Work In Restricted Working Space, Add</i>	12.02	
			<i>For Threaded Fittings, Add</i>	6.01	
23 21 13 23-2454	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	57.15	34.00
			<i>For Work In Restricted Working Space, Add</i>	15.27	
			<i>For Threaded Fittings, Add</i>	7.64	
23 21 13 23-2455	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Couplings	90.82	50.29
			<i>For Work In Restricted Working Space, Add</i>	22.60	
			<i>For Threaded Fittings, Add</i>	11.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2456	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	116.92 29.74 14.87	66.11
23 21	13 23-2457	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	140.03 35.32 17.66	78.54
23 21	13 23-2458	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	182.51 40.36 20.18	89.75
23 21	13 23-2459	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	222.27 47.09 23.54	104.72
23 21	13 23-2460	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	361.23 50.48 25.24	112.25
23 21 13 23-2461 Schedule 80 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2340)					
23 21	13 23-2462	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	30.82 7.53	16.77
23 21	13 23-2463	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	36.97 9.11	20.25
23 21	13 23-2464	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	47.60 12.02	26.74
23 21	13 23-2465	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	69.74 15.27	34.00
23 21	13 23-2466	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	85.00 18.23	40.49
23 21	13 23-2467	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	108.19 22.60	50.29
23 21	13 23-2468	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	160.29 29.74	66.11
23 21	13 23-2469	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	196.55 35.32	78.54
23 21	13 23-2470	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	252.41 47.09	104.72
23 21	13 23-2471	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	330.08 60.73	135.04
23 21	13 23-2472	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	461.58 75.30	167.44
23 21	13 23-2473	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	658.28 93.35	207.56
23 21 13 23-2474 Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions (23 21 13 23-2340)					
23 21	13 23-2475	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	35.69	20.93
23 21	13 23-2476	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	42.27	24.20
23 21	13 23-2477	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	50.91	28.53
23 21	13 23-2478	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	66.29	34.00
23 21	13 23-2479	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	79.72	40.49
23 21	13 23-2480	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	104.30	50.29
23 21	13 23-2481	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	219.55	97.47
23 21	13 23-2482	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	239.06	108.11
23 21 13 23-2483 Schedule 80 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2340)					
23 21	13 23-2484	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.78 4.56 2.28	10.17
23 21	13 23-2485	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	24.04 6.08 3.04	13.47
23 21	13 23-2486	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	31.83 7.53 3.77	16.77
23 21	13 23-2487	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	43.64 10.66 5.33	23.74
23 21	13 23-2488	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	48.18 12.02 6.01	26.74
23 21	13 23-2489	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	63.06 15.27 7.64	34.00
23 21	13 23-2490	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	100.31 22.60 11.30	50.29
23 21	13 23-2491	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	129.66 29.74 14.87	66.11
23 21	13 23-2492	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	166.82 35.32 17.66	78.54
23 21	13 23-2493	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	256.50 40.36 20.18	89.75

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2494	EA 8" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	324.51 47.09 23.54	104.72
23 21 13 23-2495	EA 10" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	476.76 50.48 25.24	112.25
23 21 13 23-2496	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <small>(23 21 13 23-2340)</small>		
23 21 13 23-2497	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.19 7.53 3.77	16.77
23 21 13 23-2498	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	42.26 9.11 4.56	20.25
23 21 13 23-2499	EA 1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	53.31 12.02 6.01	26.74
23 21 13 23-2500	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	64.52 15.27 7.64	34.00
23 21 13 23-2501	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	74.69 18.23 9.11	40.49
23 21 13 23-2502	EA 2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	93.87 22.60 11.30	50.29
23 21 13 23-2503	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	127.73 29.74 14.87	66.11
23 21 13 23-2504	EA 3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	149.29 35.32 17.66	78.54
23 21 13 23-2505	EA 4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	196.95 47.09 23.54	104.72
23 21 13 23-2506	EA 6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	265.32 60.73 30.37	135.04
23 21 13 23-2507	EA 8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	392.84 75.30 37.65	167.44
23 21 13 23-2508	EA 10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	630.88 93.35 46.68	207.56
23 21 13 23-2509	Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <small>(23 21 13 23-2177)</small>		
	Note: In place pipe.		
23 21 13 23-2510	EA 1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.12 1.54	
23 21 13 23-2511	EA 3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.52 1.66	
23 21 13 23-2512	EA 1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.21 1.86	
23 21 13 23-2513	EA 1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.52 1.96	
23 21 13 23-2514	EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.91 2.07	
23 21 13 23-2515	EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.59 2.28	
23 21 13 23-2516	EA 2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.18 2.45	
23 21 13 23-2517	EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	9.66 2.90	
23 21 13 23-2518	EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	13.04 3.91	
23 21 13 23-2519	EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	18.64 5.59	
23 21 13 23-2520	EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	24.85 7.46	
23 21 13 23-2521	EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	30.38 9.11	
23 21 13 23-2522	Polyvinylidene Fluoride (PVDF), Socket Weld <small>(23 21 13 23)</small>		
23 21 13 23-2523	Pipe <small>(23 21 13 23-2522)</small>		
23 21 13 23-2524	LF 1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	16.09	2.74
23 21 13 23-2525	LF 3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	21.33	3.39
23 21 13 23-2526	LF 1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	29.10	3.58
23 21 13 23-2527	LF 1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	39.75	3.95
23 21 13 23-2528	LF 2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	50.14	4.71
23 21 13 23-2529	90 Degree Elbows <small>(23 21 13 23-2522)</small>		
23 21 13 23-2530	EA 1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	27.55	10.08
23 21 13 23-2531	EA 3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	36.78	13.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2532 EA 1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	56.59	16.77
23 21 13 23-2533 EA 1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	96.45	26.74
23 21 13 23-2534 EA 2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	125.07	34.00
23 21 13 23-2535 45 Degree Elbows (23 21 13 23-2522)		
23 21 13 23-2536 EA 1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	30.67	10.17
23 21 13 23-2537 EA 3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	41.17	13.47
23 21 13 23-2538 EA 1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	56.59	16.77
23 21 13 23-2539 EA 1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	85.94	26.74
23 21 13 23-2540 EA 2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	122.30	34.00
23 21 13 23-2541 Tees (23 21 13 23-2522)		
23 21 13 23-2542 EA 1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	49.60	16.77
23 21 13 23-2543 EA 3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	56.36	20.25
23 21 13 23-2544 EA 1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	79.70	26.74
23 21 13 23-2545 EA 1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	128.58	40.49
23 21 13 23-2546 EA 2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	182.09	50.29
23 21 13 23-2547 Reducing Tees (23 21 13 23-2522)		
23 21 13 23-2548 EA 3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	56.32	18.84
23 21 13 23-2549 EA 1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	75.58	21.95
23 21 13 23-2550 EA 1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	78.42	23.83
23 21 13 23-2551 EA 1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	129.42	33.90
23 21 13 23-2552 EA 2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	189.69	45.20
23 21 13 23-2553 Socket Weld Reducing Couplings (23 21 13 23-2522)		
23 21 13 23-2554 EA 3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	31.64	11.96
23 21 13 23-2555 EA 1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	39.44	13.84
23 21 13 23-2556 EA 1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	43.77	15.73
23 21 13 23-2557 EA 1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	62.91	18.84
23 21 13 23-2558 EA 1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	67.70	20.72
23 21 13 23-2559 EA 1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	69.58	21.95
23 21 13 23-2560 EA 2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	97.90	30.80
23 21 13 23-2561 Male Adapters, Socket Weld X Male Thread (23 21 13 23-2522)		
23 21 13 23-2562 EA 1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	39.68	10.17
23 21 13 23-2563 EA 3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	51.11	13.47
23 21 13 23-2564 EA 1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	59.77	16.77
23 21 13 23-2565 EA 1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	80.74	26.74
23 21 13 23-2566 EA 2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	107.82	33.90
23 21 13 23-2567 Female Adapters, Socket Weld X Female Thread (23 21 13 23-2522)		
23 21 13 23-2568 EA 1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	39.68	10.17
23 21 13 23-2569 EA 3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.22	13.47
23 21 13 23-2570 EA 1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	59.77	16.77
23 21 13 23-2571 EA 1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	80.74	26.74
23 21 13 23-2572 EA 2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	107.86	34.00
23 21 13 23-2573 Socket Weld Couplings (23 21 13 23-2522)		
23 21 13 23-2574 EA 1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	23.85	10.17
23 21 13 23-2575 EA 3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	31.00	13.47
23 21 13 23-2576 EA 1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	39.55	16.77
23 21 13 23-2577 EA 1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	70.11	26.74
23 21 13 23-2578 EA 2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	94.22	34.00
23 21 13 23-2579 Socket Weld Unions (23 21 13 23-2522)		
23 21 13 23-2580 EA 1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	78.83	16.77
23 21 13 23-2581 EA 3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	94.60	20.25
23 21 13 23-2582 EA 1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	134.46	26.74
23 21 13 23-2583 EA 1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	231.17	40.49
23 21 13 23-2584 EA 2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	285.03	50.29
23 21 13 23-2585 Caps (23 21 13 23-2522)		
23 21 13 23-2586 EA 1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	23.94	10.30
23 21 13 23-2587 EA 3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	32.68	13.47
23 21 13 23-2588 EA 1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	40.82	16.77
23 21 13 23-2589 EA 1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	68.95	26.74
23 21 13 23-2590 EA 2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	93.42	34.00
23 21 13 23-2591 150 LB Socket Weld Flanges (23 21 13 23-2522)		
23 21 13 23-2592 EA 1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	57.57	16.95
23 21 13 23-2593 EA 3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	71.96	20.06
23 21 13 23-2594 EA 1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	94.83	27.03

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2595	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	138.17	40.87
23 21	13 23-2596	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	208.20	50.29
23 21	13 23-2597		Polyethylene Pipe And Fittings (23 21 13 23)		
23 21	13 23-2598		Small Diameter Tubing (23 21 13 23-2597)		
23 21	13 23-2599		Tubing (23 21 13 23-2598)		
23 21	13 23-2600	LF	1/4" Polyethylene Tubing.....	2.92	
			<i>For Work In Restricted Working Space, Add</i>	0.86	
23 21	13 23-2601	LF	5/16" Polyethylene Tubing.....	3.02	
			<i>For Work In Restricted Working Space, Add</i>	0.87	
23 21	13 23-2602	LF	3/8" Polyethylene Tubing.....	3.12	
			<i>For Work In Restricted Working Space, Add</i>	0.89	
23 21	13 23-2603	LF	1/2" Polyethylene Tubing.....	3.32	
			<i>For Work In Restricted Working Space, Add</i>	0.96	
23 21	13 23-2604		Chrome Plated Pipe (23 21 13 23)		
23 21	13 23-2605		Chrome Plated Nipples (23 21 13 23-2604)		
23 21	13 23-2606		Close (23 21 13 23-2605)		
23 21	13 23-2607	EA	1/4" Diameter Chrome Plated Nipple, Close.....	19.44	8.18
23 21	13 23-2608	EA	3/8" Diameter Chrome Plated Nipple, Close.....	18.20	8.90
23 21	13 23-2609	EA	1/2" Diameter Chrome Plated Nipple, Close.....	22.92	10.22
23 21	13 23-2610	EA	3/4" Diameter Chrome Plated Nipple, Close.....	30.24	12.99
23 21	13 23-2611	EA	1" Diameter Chrome Plated Nipple, Close.....	40.62	17.08
23 21	13 23-2612	EA	1-1/4" Diameter Chrome Plated Nipple, Close.....	57.63	23.83
23 21	13 23-2613	EA	1-1/2" Diameter Chrome Plated Nipple, Close.....	70.78	27.92
23 21	13 23-2614	EA	2" Diameter Chrome Plated Nipple, Close.....	91.70	34.78
23 21	13 23-2615		1-1/2" Nipples (23 21 13 23-2605)		
23 21	13 23-2616	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	20.84	8.49
23 21	13 23-2617	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	19.27	9.21
23 21	13 23-2618	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	23.45	10.54
23 21	13 23-2619	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	31.35	13.29
23 21	13 23-2620		2" Nipples (23 21 13 23-2605)		
23 21	13 23-2621	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple.....	21.69	8.90
23 21	13 23-2622	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple.....	19.93	9.51
23 21	13 23-2623	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple.....	25.44	10.94
23 21	13 23-2624	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple.....	33.05	13.60
23 21	13 23-2625	EA	1" Diameter, 2" Length, Chrome Plated Nipple.....	43.07	17.69
23 21	13 23-2626	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple.....	61.81	24.54
23 21	13 23-2627	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple.....	75.66	28.63
23 21	13 23-2628		2-1/2" Nipples (23 21 13 23-2605)		
23 21	13 23-2629	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	23.00	9.21
23 21	13 23-2630	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	20.66	9.92
23 21	13 23-2631	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	26.60	11.25
23 21	13 23-2632	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	33.84	14.02
23 21	13 23-2633	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	44.37	18.11
23 21	13 23-2634	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	65.97	24.85
23 21	13 23-2635	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	81.26	28.95
23 21	13 23-2636	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	103.79	35.79
23 21	13 23-2637		3" Nipples (23 21 13 23-2605)		
23 21	13 23-2638	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple.....	23.97	9.51
23 21	13 23-2639	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple.....	21.97	10.22
23 21	13 23-2640	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple.....	26.32	10.94
23 21	13 23-2641	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple.....	36.82	14.32
23 21	13 23-2642	EA	1" Diameter, 3" Length, Chrome Plated Nipple.....	50.61	18.41
23 21	13 23-2643	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple.....	70.53	25.27
23 21	13 23-2644	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple.....	94.60	29.35
23 21	13 23-2645	EA	2" Diameter, 3" Length, Chrome Plated Nipple.....	114.21	36.20
23 21	13 23-2646		3-1/2" Nipples (23 21 13 23-2605)		
23 21	13 23-2647	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	25.11	9.92
23 21	13 23-2648	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	24.34	10.54
23 21	13 23-2649	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	29.04	11.96
23 21	13 23-2650	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	41.32	14.63
23 21	13 23-2651	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	52.94	18.72
23 21	13 23-2652	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	79.58	25.57
23 21	13 23-2653	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	98.51	29.66
23 21	13 23-2654	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	122.49	36.52
23 21	13 23-2655		4" Nipples (23 21 13 23-2605)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2724	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple.....	63.89	15.03
23 21	13 23-2725		24" Nipples (23 21 13 23-2605)		
23 21	13 23-2726	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple.....	78.30	15.64
23 21	13 23-2727		30" Nipples (23 21 13 23-2605)		
23 21	13 23-2728	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple.....	87.37	16.37
23 21	13 23-2729		36" Nipples (23 21 13 23-2605)		
23 21	13 23-2730	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple.....	96.45	17.08
23 21	13 23-2731		Chrome Plated Fittings (23 21 13 23-2604)		
23 21	13 23-2732		Chrome Plated 90 Degree Elbows (23 21 13 23-2731)		
23 21	13 23-2733	EA	1/4" 90 Degree Elbow, Chrome Plated.....	25.56	9.51
23 21	13 23-2734	EA	3/8" 90 Degree Elbow, Chrome Plated.....	25.86	10.22
23 21	13 23-2735	EA	1/2" 90 Degree Elbow, Chrome Plated.....	29.36	10.94
23 21	13 23-2736	EA	3/4" 90 Degree Elbow, Chrome Plated.....	37.30	14.32
23 21	13 23-2737	EA	1" 90 Degree Elbow, Chrome Plated.....	51.10	18.41
23 21	13 23-2738	EA	1-1/4" 90 Degree Elbow, Chrome Plated.....	79.94	25.27
23 21	13 23-2739	EA	1-1/2" 90 Degree Elbow, Chrome Plated.....	96.46	29.35
23 21	13 23-2740	EA	2" 90 Degree Elbow, Chrome Plated.....	133.79	36.20
23 21	13 23-2741		Chrome Plated Street 90 Degree Elbows (23 21 13 23-2731)		
23 21	13 23-2742	EA	1/4" Street 90 Degree Elbow, Chrome Plated.....	30.27	9.51
23 21	13 23-2743	EA	3/8" Street 90 Degree Elbow, Chrome Plated.....	31.02	10.22
23 21	13 23-2744	EA	1/2" Street 90 Degree Elbow, Chrome Plated.....	32.95	10.94
23 21	13 23-2745	EA	3/4" Street 90 Degree Elbow, Chrome Plated.....	42.59	14.32
23 21	13 23-2746	EA	1" Street 90 Degree Elbow, Chrome Plated.....	60.87	18.41
23 21	13 23-2747	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated.....	89.95	25.27
23 21	13 23-2748	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated.....	110.49	29.35
23 21	13 23-2749	EA	2" Street 90 Degree Elbow, Chrome Plated.....	166.82	36.20
23 21	13 23-2750		Chrome Plated 45 Degree Elbows (23 21 13 23-2731)		
23 21	13 23-2751	EA	1/4" 45 Degree Elbow, Chrome Plated.....	26.59	9.51
23 21	13 23-2752	EA	3/8" 45 Degree Elbow, Chrome Plated.....	27.35	10.22
23 21	13 23-2753	EA	1/2" 45 Degree Elbow, Chrome Plated.....	30.42	10.94
23 21	13 23-2754	EA	3/4" 45 Degree Elbow, Chrome Plated.....	41.34	14.32
23 21	13 23-2755	EA	1" 45 Degree Elbow, Chrome Plated.....	55.62	18.41
23 21	13 23-2756	EA	1-1/4" 45 Degree Elbow, Chrome Plated.....	85.37	25.27
23 21	13 23-2757	EA	1-1/2" 45 Degree Elbow, Chrome Plated.....	103.73	29.35
23 21	13 23-2758	EA	2" 45 Degree Elbow, Chrome Plated.....	153.77	36.20
23 21	13 23-2759		Chrome Plated Street 45 Degree Elbows (23 21 13 23-2731)		
23 21	13 23-2760	EA	1/2" Street 45 Degree Elbow, Chrome Plated.....	36.89	10.94
23 21	13 23-2761		Chrome Plated Couplings (23 21 13 23-2731)		
23 21	13 23-2762	EA	1/4" Coupling, Chrome Plated.....	24.92	9.51
23 21	13 23-2763	EA	3/8" Coupling, Chrome Plated.....	25.94	10.22
23 21	13 23-2764	EA	1/2" Coupling, Chrome Plated.....	29.62	10.94
23 21	13 23-2765	EA	3/4" Coupling, Chrome Plated.....	37.40	14.32
23 21	13 23-2766	EA	1" Coupling, Chrome Plated.....	48.86	18.41
23 21	13 23-2767	EA	1-1/4" Coupling, Chrome Plated.....	71.79	25.27
23 21	13 23-2768	EA	1-1/2" Coupling, Chrome Plated.....	89.64	29.35
23 21	13 23-2769	EA	2" Coupling, Chrome Plated.....	125.47	36.20
23 21	13 23-2770		Chrome Plated Unions (23 21 13 23-2731)		
23 21	13 23-2771	EA	1/4" Union, Chrome Plated.....	41.96	10.94
23 21	13 23-2772	EA	3/8" Union, Chrome Plated.....	42.99	11.55
23 21	13 23-2773	EA	1/2" Union, Chrome Plated.....	52.45	12.99
23 21	13 23-2774	EA	3/4" Union, Chrome Plated.....	64.60	17.08
23 21	13 23-2775	EA	1" Union, Chrome Plated.....	81.59	21.79
23 21	13 23-2776	EA	1-1/4" Union, Chrome Plated.....	134.97	29.35
23 21	13 23-2777	EA	1-1/2" Union, Chrome Plated.....	168.81	34.78
23 21	13 23-2778	EA	2" Union, Chrome Plated.....	221.65	42.34
23 21	13 23-2779		Chrome Plated Caps (23 21 13 23-2731)		
23 21	13 23-2780	EA	1/4" Cap, Chrome Plated.....	17.49	4.81
23 21	13 23-2781	EA	3/8" Cap, Chrome Plated.....	18.00	5.12
23 21	13 23-2782	EA	1/2" Cap, Chrome Plated.....	20.72	5.42
23 21	13 23-2783	EA	3/4" Cap, Chrome Plated.....	25.70	7.16
23 21	13 23-2784	EA	1" Cap, Chrome Plated.....	30.23	9.21
23 21	13 23-2785	EA	1-1/4" Cap, Chrome Plated.....	45.04	12.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2786	EA		1-1/2" Cap, Chrome Plated.....	60.22	14.63
23 21 13 23-2787	EA		2" Cap, Chrome Plated.....	89.06	19.12
23 21 13 23-2788			Chrome Plated Plugs (23 21 13 23-2731)		
23 21 13 23-2789	EA		1/4" Plug, Chrome Plated.....	13.90	4.81
23 21 13 23-2790	EA		3/8" Plug, Chrome Plated.....	14.41	5.12
23 21 13 23-2791	EA		1/2" Plug, Chrome Plated.....	16.94	5.42
23 21 13 23-2792	EA		3/4" Plug, Chrome Plated.....	23.01	7.16
23 21 13 23-2793	EA		1" Plug, Chrome Plated.....	28.18	9.21
23 21 13 23-2794	EA		1-1/4" Plug, Chrome Plated.....	37.96	12.58
23 21 13 23-2795	EA		1-1/2" Plug, Chrome Plated.....	47.26	14.63
23 21 13 23-2796	EA		2" Plug, Chrome Plated.....	66.51	19.12
23 21 13 23-2797			Chrome Plated Tees (23 21 13 23-2731)		
23 21 13 23-2798	EA		1/4" Chrome Plated Tee.....	35.03	14.32
23 21 13 23-2799	EA		3/8" Chrome Plated Tee.....	37.08	15.64
23 21 13 23-2800	EA		1/2" Chrome Plated Tee.....	41.52	17.08
23 21 13 23-2801	EA		3/4" Chrome Plated Tee.....	51.75	21.17
23 21 13 23-2802	EA		1" Chrome Plated Tee.....	74.83	27.31
23 21 13 23-2803	EA		1-1/4" Chrome Plated Tee.....	103.19	37.53
23 21 13 23-2804	EA		1-1/2" Chrome Plated Tee.....	134.07	43.67
23 21 13 23-2805	EA		2" Chrome Plated Tee.....	186.62	53.90
23 21 13 23-2806			Chrome Plated Reducing 90 Degree Elbows (23 21 13 23-2731)		
23 21 13 23-2807	EA		1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated.....	39.12	17.08
23 21 13 23-2808	EA		3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated.....	45.25	21.17
23 21 13 23-2809			Chrome Plated Bell Reducers (23 21 13 23-2731)		
23 21 13 23-2810	EA		1/2" x 3/8" Bell Reducer, Chrome Plated.....	43.46	17.08
23 21 13 23-2811	EA		3/4" x 1/2" Bell Reducer, Chrome Plated.....	52.73	21.17
23 21 13 23-2812	EA		1" x 1/2" Bell Reducer, Chrome Plated.....	66.82	27.31
23 21 13 23-2813			Chrome Plated Reducing Tees (23 21 13 23-2731)		
23 21 13 23-2814	EA		3/4" x 1/2" Reducing Tee, Chrome Plated.....	58.25	21.17
23 21 13 23-2815			Chrome Plated Bushings (23 21 13 23-2731)		
23 21 13 23-2816	EA		3/8" x 1/4" Bushing, Chrome Plated.....	13.79	4.81
23 21 13 23-2817	EA		1/2" x 1/4" Bushing, Chrome Plated.....	14.86	5.12
23 21 13 23-2818	EA		1/2" x 3/8" Bushing, Chrome Plated.....	15.37	5.42
23 21 13 23-2819	EA		3/4" x 1/2" Bushing, Chrome Plated.....	19.45	7.16
23 21 13 23-2820	EA		1" x 3/4" Bushing, Chrome Plated.....	28.87	9.21
23 21 13 23-2821	EA		1-1/4" x 1" Bushing, Chrome Plated.....	42.62	12.58
23 21 13 23-2822			Aluminum Tubing Assemblies (23 21 13 23)		
			Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2823	LF		1/8" Inside Diameter Aluminum Pipe/Tubing Assembly.....	8.75	3.58
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2824	LF		3/16" Inside Diameter Aluminum Pipe/Tubing Assembly.....	9.98	4.09
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2825	LF		1/4" Inside Diameter Aluminum Pipe/Tubing Assembly.....	11.11	4.60
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2826	LF		5/16" Inside Diameter Aluminum Pipe/Tubing Assembly.....	12.17	5.12
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2827	LF		3/8" Inside Diameter Aluminum Pipe/Tubing Assembly.....	13.49	5.62
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2828	LF		1/2" Inside Diameter Aluminum Pipe/Tubing Assembly.....	15.40	6.13
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2829	LF		5/8" Inside Diameter Aluminum Pipe/Tubing Assembly.....	17.98	7.06
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2830	LF		3/4" Inside Diameter Aluminum Pipe/Tubing Assembly.....	21.92	8.01
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2831	LF		7/8" Inside Diameter Aluminum Pipe/Tubing Assembly.....	25.30	8.95
			Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2832	LF		1" Inside Diameter Aluminum Pipe/Tubing Assembly.....	29.93	9.41
23 21 16			Hydronic Piping Specialties (23 21)		
23 21 16 00-0001			Y-Type Strainers (23 21 16)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

		TOTAL DIRECT DEMOLITION UNIT COST UNIT COST	
23 21 16 00-0002 Screwed Ends, 250 LB, Iron Body, Y-Type Strainers (23 21 16 00-0001)			
23 21 16 00-0003	EA 1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	72.39	11.45
	For Galvanized Body, Add	19.83	
	For Work In Restricted Working Space, Add	9.82	
23 21 16 00-0004	EA 1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	72.90	11.67
	For Galvanized Body, Add	19.83	
	For Work In Restricted Working Space, Add	9.98	
23 21 16 00-0005	EA 3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	92.35	15.76
	For Galvanized Body, Add	23.67	
	For Work In Restricted Working Space, Add	13.51	
23 21 16 00-0006	EA 1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	117.67	18.83
	For Galvanized Body, Add	31.98	
	For Work In Restricted Working Space, Add	16.11	
23 21 16 00-0007	EA 1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	154.12	23.27
	For Galvanized Body, Add	43.81	
	For Work In Restricted Working Space, Add	19.95	
23 21 16 00-0008	EA 1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	177.15	25.06
	For Galvanized Body, Add	52.77	
	For Work In Restricted Working Space, Add	21.49	
23 21 16 00-0009	EA 2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	244.29	28.64
	For Galvanized Body, Add	81.23	
	For Work In Restricted Working Space, Add	24.55	
23 21 16 00-0010	EA 2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	467.49	35.80
	For Galvanized Body, Add	182.60	
	For Work In Restricted Working Space, Add	30.69	
23 21 16 00-0011	EA 3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer.....	605.00	44.81
	For Galvanized Body, Add	238.56	
	For Work In Restricted Working Space, Add	38.37	
23 21 16 00-0012 Flanged, 125 LB, Iron Body , Y-Type Strainers (23 21 16 00-0001)			
23 21 16 00-0013	EA 1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	267.44	107.42
	For Galvanized Body, Add	66.42	
	For Work In Restricted Working Space, Add	40.38	
23 21 16 00-0014	EA 2" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	314.26	136.37
	For Galvanized Body, Add	71.88	
	For Work In Restricted Working Space, Add	51.15	
23 21 16 00-0015	EA 3" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	560.36	173.92
	For Galvanized Body, Add	171.35	
	For Work In Restricted Working Space, Add	65.30	
23 21 16 00-0016	EA 4" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	754.26	291.56
	For Galvanized Body, Add	194.45	
	For Work In Restricted Working Space, Add	109.61	
23 21 16 00-0017	EA 5" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	792.16	286.11
	For Galvanized Body, Add	217.54	
	For Work In Restricted Working Space, Add	107.13	
23 21 16 00-0018	EA 6" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	939.14	317.90
	For Galvanized Body, Add	270.17	
	For Work In Restricted Working Space, Add	119.64	
23 21 16 00-0019	EA 8" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	1,568.80	406.20
	For Galvanized Body, Add	532.10	
	For Work In Restricted Working Space, Add	151.38	
23 21 16 00-0020	EA 10" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	2,990.05	494.51
	For Galvanized Body, Add	1,185.96	
	For Work In Restricted Working Space, Add	185.44	
23 21 16 00-0021	EA 12" Flanged, 125 LB, Iron Body, Y-Type Strainer.....	3,349.32	441.52
	For Galvanized Body, Add	1,233.14	
	For Work In Restricted Working Space, Add	264.92	
23 21 16 00-0022 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001)			
Note: With screwed cap (4" size has bolted cap).			
23 21 16 00-0023	EA 1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	54.79	11.67
	For 300 LB Rating, Add	36.62	
	For Work In Restricted Working Space, Add	9.98	
23 21 16 00-0024	EA 3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	73.02	15.76
	For 300 LB Rating, Add	47.60	
	For Work In Restricted Working Space, Add	13.51	
23 21 16 00-0025	EA 1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	88.98	18.83
	For 300 LB Rating, Add	59.96	
	For Work In Restricted Working Space, Add	16.11	
23 21 16 00-0026	EA 1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	110.66	23.27
	For 300 LB Rating, Add	75.07	
	For Work In Restricted Working Space, Add	19.95	
23 21 16 00-0027	EA 1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	128.97	25.06
	For 300 LB Rating, Add	97.50	
	For Work In Restricted Working Space, Add	21.49	
23 21 16 00-0028	EA 2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	175.00	28.64
	For 300 LB Rating, Add	158.37	
	For Work In Restricted Working Space, Add	24.55	
23 21 16 00-0029	EA 2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	256.04	35.80
	For 300 LB Rating, Add	261.36	
	For Work In Restricted Working Space, Add	30.69	
23 21 16 00-0030	EA 3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	446.64	44.81
	For 300 LB Rating, Add	541.88	
	For Work In Restricted Working Space, Add	38.37	
23 21 16 00-0031	EA 4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer.....	758.40	53.71
	For 300 LB Rating, Add	1,028.40	
	For Work In Restricted Working Space, Add	46.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 16 00-0032			Flanged, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: With bolted cap.		
23 21 16 00-0033	EA		2" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	438.08	136.37
			For 300 LB Rating, Add	160.54	
			For Work In Restricted Working Space, Add	51.15	
23 21 16 00-0034	EA		2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	458.62	148.34
			For 300 LB Rating, Add	163.57	
			For Work In Restricted Working Space, Add	55.80	
23 21 16 00-0035	EA		3" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	529.84	173.92
			For 300 LB Rating, Add	187.30	
			For Work In Restricted Working Space, Add	65.30	
23 21 16 00-0036	EA		4" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	1,123.89	291.56
			For 300 LB Rating, Add	455.11	
			For Work In Restricted Working Space, Add	109.61	
23 21 16 00-0037	EA		6" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	1,548.58	317.90
			For 300 LB Rating, Add	689.87	
			For Work In Restricted Working Space, Add	119.64	
23 21 16 00-0038	EA		8" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	2,466.80	406.20
			For 300 LB Rating, Add	1,177.32	
			For Work In Restricted Working Space, Add	151.38	
23 21 16 00-0039	EA		10" Flanged, 150 LB, Bronze Body, Y-Type Strainer.....	7,660.72	494.51
			For 300 LB Rating, Add	4,225.55	
			For Work In Restricted Working Space, Add	165.44	
23 21 16 00-0040			Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0041			Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0042	EA		1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	87.44	11.25
			For Work In Restricted Working Space, Add	9.82	
23 21 16 00-0043	EA		3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	105.11	15.44
			For Work In Restricted Working Space, Add	13.19	
23 21 16 00-0044	EA		1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	127.06	20.96
			For Work In Restricted Working Space, Add	18.10	
23 21 16 00-0045	EA		1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	186.93	22.50
			For Work In Restricted Working Space, Add	19.33	
23 21 16 00-0046	EA		1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	190.96	24.34
			For Work In Restricted Working Space, Add	20.86	
23 21 16 00-0047	EA		2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	222.65	27.62
			For Work In Restricted Working Space, Add	23.63	
23 21 16 00-0048	EA		2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	444.77	35.79
			For Work In Restricted Working Space, Add	30.68	
23 21 16 00-0049	EA		3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	448.95	44.80
			For Work In Restricted Working Space, Add	38.36	
23 21 16 00-0050	EA		4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	698.54	47.66
			For Work In Restricted Working Space, Add	40.81	
23 21 16 00-0051			Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0052	EA		2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	366.89	63.92
			For Work In Restricted Working Space, Add	38.36	
23 21 16 00-0053	EA		2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	688.77	83.36
			For Work In Restricted Working Space, Add	50.01	
23 21 16 00-0054	EA		3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	713.52	173.86
			For Work In Restricted Working Space, Add	65.28	
23 21 16 00-0055	EA		4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,164.44	291.47
			For Work In Restricted Working Space, Add	109.58	
23 21 16 00-0056			Class 125, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: Nibco®		
23 21 16 00-0057	EA		1/2" Class 125, Crimped Bronze Body, Y-Type Strainer.....	127.06	10.22
			For Work In Restricted Working Space, Add	6.90	
23 21 16 00-0058	EA		3/4" Class 125, Crimped Bronze Body, Y-Type Strainer.....	147.14	11.25
			For Work In Restricted Working Space, Add	7.86	
23 21 16 00-0059	EA		1" Class 125, Crimped Bronze Body, Y-Type Strainer.....	208.83	12.79
			For Work In Restricted Working Space, Add	9.40	
23 21 16 00-0060	EA		1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	279.21	13.60
			For Work In Restricted Working Space, Add	10.36	
23 21 16 00-0061	EA		1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	335.84	15.75
			For Work In Restricted Working Space, Add	11.51	
23 21 16 00-0062	EA		2" Class 125, Crimped Bronze Body, Y-Type Strainer.....	496.22	18.61
			For Work In Restricted Working Space, Add	13.81	
23 21 16 00-0063			250 PSI, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0064	EA		1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	72.51	10.22
23 21 16 00-0065	EA		3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	88.61	11.25
23 21 16 00-0066	EA		1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	130.31	12.79
23 21 16 00-0067	EA		1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	159.51	13.60
23 21 16 00-0068	EA		1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	190.53	15.75
23 21 16 00-0069	EA		2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	250.47	18.61

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0070	Cast Iron Body, Suction Diffusers <small>(23 21 16)</small>		
	Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0071	EA 2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....425.74	40.31	
	For Work In Restricted Working Space, Add	19.73	
23 21 16 00-0072	EA 2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....447.43	44.70	
	For Work In Restricted Working Space, Add	21.92	
23 21 16 00-0073	EA 2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....454.72	46.96	
	For Work In Restricted Working Space, Add	23.03	
23 21 16 00-0074	EA 2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....862.74	148.34	
	For Work In Restricted Working Space, Add	55.80	
23 21 16 00-0075	EA 3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....470.71	54.63	
	For Work In Restricted Working Space, Add	26.75	
23 21 16 00-0076	EA 3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....531.91	54.63	
	For Work In Restricted Working Space, Add	26.75	
23 21 16 00-0077	EA 3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....903.77	161.48	
	For Work In Restricted Working Space, Add	60.55	
23 21 16 00-0078	EA 3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....923.20	173.92	
	For Work In Restricted Working Space, Add	65.30	
23 21 16 00-0079	EA 4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....1,123.04	233.21	
	For Work In Restricted Working Space, Add	87.46	
23 21 16 00-0080	EA 4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....1,322.87	291.56	
	For Work In Restricted Working Space, Add	109.61	
23 21 16 00-0081	EA 6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....1,501.78	285.67	
	For Work In Restricted Working Space, Add	107.13	
23 21 16 00-0082	EA 6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....1,813.46	317.90	
	For Work In Restricted Working Space, Add	119.64	
23 21 16 00-0083	EA 8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....2,052.45	406.20	
	For Work In Restricted Working Space, Add	151.38	
23 21 16 00-0084	EA 8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....3,164.73	406.20	
	For Work In Restricted Working Space, Add	151.38	
23 21 16 00-0085	EA 10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....3,616.63	494.51	
	For Work In Restricted Working Space, Add	185.44	
23 21 16 00-0086	EA 10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....4,224.97	494.51	
	For Work In Restricted Working Space, Add	185.44	
23 21 16 00-0087	Duplex Strainers <small>(23 21 16)</small>		
23 21 16 00-0088	Iron Body, Duplex Strainers <small>(23 21 16 00-0087)</small>		
23 21 16 00-0089	Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers <small>(23 21 16 00-0088)</small>		
	Note: With brass or stainless steel basket.		
23 21 16 00-0090	EA 3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....600.23	25.47	
	For Work In Restricted Working Space, Add	15.29	
23 21 16 00-0091	EA 1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....670.54	29.16	
	For Work In Restricted Working Space, Add	17.51	
23 21 16 00-0092	EA 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....906.69	34.27	
	For Work In Restricted Working Space, Add	20.55	
23 21 16 00-0093	EA 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....1,138.85	37.34	
	For Work In Restricted Working Space, Add	22.40	
23 21 16 00-0094	EA 2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....1,524.54	45.53	
	For Work In Restricted Working Space, Add	27.40	
23 21 16 00-0095	EA 2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....1,918.82	58.31	
	For Work In Restricted Working Space, Add	34.98	
23 21 16 00-0096	Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers <small>(23 21 16 00-0088)</small>		
	Note: With brass or stainless steel basket.		
23 21 16 00-0097	EA 2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....2,087.16	136.37	
	For Work In Restricted Working Space, Add	51.15	
23 21 16 00-0098	EA 2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....2,159.88	148.34	
	For Work In Restricted Working Space, Add	55.80	
23 21 16 00-0099	EA 3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....2,763.67	173.92	
	For Work In Restricted Working Space, Add	65.30	
23 21 16 00-0100	EA 4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....4,320.31	251.67	
	For Work In Restricted Working Space, Add	94.61	
23 21 16 00-0101	EA 6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....8,408.69	317.90	
	For Work In Restricted Working Space, Add	119.64	
23 21 16 00-0102	EA 8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....15,952.24	406.20	
	For Work In Restricted Working Space, Add	151.38	
23 21 16 00-0103	EA 10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....22,015.98	494.51	
	For Work In Restricted Working Space, Add	185.44	
23 21 16 00-0104	EA 12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....25,048.07	623.43	
	For Work In Restricted Working Space, Add	374.18	
23 21 16 00-0105	EA 14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....29,718.65	706.44	
	For Work In Restricted Working Space, Add	264.92	
23 21 16 00-0106	EA 16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....37,130.28	777.08	
	For Work In Restricted Working Space, Add	291.41	
23 21 16 00-0107	Bronze Body, Duplex Strainers <small>(23 21 16 00-0087)</small>		
23 21 16 00-0108	Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers <small>(23 21 16 00-0107)</small>		
	Note: With brass or stainless steel basket.		
23 21 16 00-0109	EA 3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....1,109.43	25.58	
	For Work In Restricted Working Space, Add	15.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0110	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,231.24 17.51	29.16
23 21 16 00-0111	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,799.22 20.55	34.27
23 21 16 00-0112	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,363.22 22.40	37.34
23 21 16 00-0113	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,052.14 27.40	45.53
23 21 16 00-0114	EA		2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,749.65 34.98	58.31
23 21 16 00-0115			Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers (23 21 16 00-0107) Note: With brass or stainless steel basket.		
23 21 16 00-0116	EA		2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,289.88 51.15	136.37
23 21 16 00-0117	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,419.81 55.80	148.34
23 21 16 00-0118	EA		3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,053.45 65.30	173.92
23 21 16 00-0119	EA		4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	9,526.74 94.61	251.67
23 21 16 00-0120	EA		6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	20,652.38 119.64	317.90
23 21 16 00-0121			Cast Steel Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0122			Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers (23 21 16 00-0121) Note: With brass or stainless steel basket.		
23 21 16 00-0123	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,724.29 17.51	29.16
23 21 16 00-0124	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,123.14 20.55	34.27
23 21 16 00-0125	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,518.04 22.41	37.34
23 21 16 00-0126	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,256.15 27.40	45.53
23 21 16 00-0127			Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers (23 21 16 00-0121) Note: With brass or stainless steel basket.		
23 21 16 00-0128	EA		2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,363.08 51.15	136.37
23 21 16 00-0129	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,795.06 55.80	148.34
23 21 16 00-0130	EA		3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,298.29 65.30	173.92
23 21 16 00-0131	EA		4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	9,228.06 94.61	251.67
23 21 16 00-0132	EA		6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	15,725.29 119.64	317.90
23 21 16 00-0133	EA		8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	30,602.27 151.38	406.20
23 21 16 00-0134			Stainless Steel Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0135			Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers (23 21 16 00-0134) Note: With stainless steel basket.		
23 21 16 00-0136	EA		1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	4,439.86 17.51	29.16
23 21 16 00-0137	EA		1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	5,610.28 20.55	34.27
23 21 16 00-0138	EA		1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	6,768.64 22.41	37.34
23 21 16 00-0139	EA		2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	10,842.22 27.40	45.53
23 21 16 00-0140			Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers (23 21 16 00-0134) Note: With stainless steel basket.		
23 21 16 00-0141	EA		2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	11,367.66 51.15	136.37
23 21 16 00-0142	EA		2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	11,951.13 55.80	148.34
23 21 16 00-0143	EA		3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	18,717.31 65.30	173.92
23 21 16 00-0144	EA		4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	22,871.94 94.61	251.67
23 21 16 00-0145	EA		6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	40,156.79 119.64	317.90
23 21 16 00-0146	EA		8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	74,178.58 151.38	406.20

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0147			Horizontal Steel Expansion Tanks ^(23 21 16) Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0148	EA		10 Gallon Horizontal Steel Expansion Tank.....	514.72	102.30
23 21 16 00-0149	EA		15 Gallon Horizontal Steel Expansion Tank.....	720.92	127.89
23 21 16 00-0150	EA		30 Gallon Horizontal Steel Expansion Tank.....	938.78	153.46
23 21 16 00-0151	EA		40 Gallon Horizontal Steel Expansion Tank.....	1,081.64	179.04
23 21 16 00-0152	EA		60 Gallon Horizontal Steel Expansion Tank.....	1,224.41	176.61
23 21 16 00-0153			Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks ^(23 21 16) Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0154	EA		7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,505.63	76.73
23 21 16 00-0155	EA		10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,570.50	89.52
23 21 16 00-0156	EA		21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,347.28	102.30
23 21 16 00-0157	EA		33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,442.20	115.09
23 21 16 00-0158	EA		44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,316.05	127.89
23 21 16 00-0159	EA		55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,496.50	140.67
23 21 16 00-0160	EA		68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,160.01	153.46
23 21 16 00-0161	EA		77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,451.40	166.24
23 21 16 00-0162	EA		90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,906.90	179.04
23 21 16 00-0163	EA		110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	5,041.27	204.61
23 21 16 00-0164	EA		132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	6,329.01	230.19
23 21 16 00-0165	EA		158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	7,258.50	255.76
23 21 16 00-0166	EA		211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	8,424.04	306.91
23 21 16 00-0167			Vertical Diaphragm Type (Bladder) Steel Expansion Tanks ^(23 21 16) Note: ASME. Precharged with working pressure 125 psi (Armstrong AX)		
23 21 16 00-0168	EA		8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,718.28	76.73
23 21 16 00-0169	EA		11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,771.59	89.52
23 21 16 00-0170	EA		22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,541.44	102.30
23 21 16 00-0171	EA		34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,712.63	115.09
23 21 16 00-0172	EA		44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,452.43	127.89
23 21 16 00-0173	EA		56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,630.56	140.67
23 21 16 00-0174	EA		67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,430.45	153.46
23 21 16 00-0175	EA		77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,788.87	166.24
23 21 16 00-0176	EA		91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,297.52	179.04
23 21 16 00-0177	EA		111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,424.96	204.61
23 21 16 00-0178	EA		132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	6,678.04	230.19
23 21 16 00-0179	EA		158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	7,750.82	255.76
23 21 16 00-0180	EA		211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	8,925.61	306.91
23 21 16 00-0181			Diaphragm Type (Residential Style) Steel Expansion Tanks ^(23 21 16)		
23 21 16 00-0182	EA		2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	66.12	9.41
23 21 16 00-0183	EA		4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	92.18	9.41
23 21 16 00-0184			Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks ^(23 21 16)		
23 21 16 00-0185	EA		15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	879.98	307.01
23 21 16 00-0186	EA		20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	907.04	307.01
23 21 16 00-0187	EA		30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	934.09	307.01
23 21 16 00-0188	EA		40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,004.43	307.01
23 21 16 00-0189	EA		47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,233.03	409.11
23 21 16 00-0190	EA		60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,395.21	409.32
23 21 16 00-0191	EA		80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,427.35	409.32
23 21 16 00-0192	EA		87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,459.49	409.32
23 21 16 00-0193	EA		120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,849.84	511.52
23 21 16 00-0194	EA		187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	4,574.65	511.52
23 21 16 00-0195	EA		264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	5,789.73	613.62
23 21 16 00-0196			Vent Valves ^(23 21 16)		
23 21 16 00-0197	EA		1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	57.64	15.35
23 21 16 00-0198	EA		1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	126.17	16.50
23 21 16 00-0199	EA		1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	120.76	16.50
23 21 16 00-0200	EA		1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	124.55	16.50
23 21 16 00-0201	EA		3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	157.65	16.50
23 21 16 00-0202	EA		1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	119.28	16.50
23 21 16 00-0203			Threaded Inlet, Drip-Pan Elbow ^(23 21 16)		
23 21 16 00-0204			Cast Iron, Threaded Inlet, Drip-Pan Elbow ^(23 21 16 00-0203)		
23 21 16 00-0205	EA		2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	208.71	25.77
			For Flanged Inlet, Add	72.51	
23 21 16 00-0206	EA		3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	237.64	30.54
			For Flanged Inlet, Add	77.84	
23 21 16 00-0207	EA		3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	296.89	35.31
			For Flanged Inlet, Add	105.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0208	EA		4" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	433.49 184.76	40.09
23 21 16 00-0209	EA		5" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	491.28 204.25	47.73
23 21 16 00-0210	EA		6" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	677.58 298.48	60.14
23 21 16 00-0211	EA		8" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	1,486.19 794.25	79.23
23 21 16 00-0212			Cast Steel, Threaded Inlet, Drip-Pan Elbow <small>(23 21 16 00-0203)</small>		
23 21 16 00-0213	EA		2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	393.79 198.36	25.77
23 21 16 00-0214	EA		3" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	476.64 240.36	30.54
23 21 16 00-0215	EA		3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	669.25 358.22	35.31
23 21 16 00-0216	EA		4" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	688.57 358.22	40.09
23 21 16 00-0217	EA		5" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	976.89 534.47	47.73
23 21 16 00-0218	EA		6" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	1,024.62 534.47	60.14
23 21 16 00-0219	EA		8" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	1,667.89 917.81	79.23
23 21 16 00-0220			Pressure Regulating Valve <small>(23 21 16)</small>		
23 21 16 00-0221			Screwed Ends, Water Pressure Reducing Valves <small>(23 21 16 00-0220)</small> Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.		
23 21 16 00-0222	EA		1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	205.91 15.34	12.79
23 21 16 00-0223	EA		3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	254.08 17.04	14.32
23 21 16 00-0224	EA		1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	335.19 18.05	15.34
23 21 16 00-0225	EA		1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	576.57 20.46	17.18
23 21 16 00-0226	EA		1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	783.11 24.55	20.45
23 21 16 00-0227	EA		2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,121.79 37.67	31.36
23 21 16 00-0228	EA		2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,220.05 42.38	35.31
23 21 16 00-0229	EA		3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,340.49 47.09	102.18
23 21 16 00-0230			Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0220)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0231			Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0230)</small>		
23 21 16 00-0232	EA		1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	347.41 20.60	17.19
23 21 16 00-0233	EA		3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	434.64 29.23	24.35
23 21 16 00-0234	EA		1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	558.89 35.69	29.67
23 21 16 00-0235	EA		1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	748.53 41.47	36.01
23 21 16 00-0236	EA		1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	1,005.81 47.22	40.92
23 21 16 00-0237	EA		2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	1,176.05 57.27	57.27
23 21 16 00-0238			Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0230)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0239	EA		2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	2,720.11 52.07	138.41
23 21 16 00-0240	EA		3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	3,382.71 60.93	162.27
23 21 16 00-0241	EA		4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	4,348.36 102.27	272.04
23 21 16 00-0242	EA		6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	10,835.84 119.60	317.79
23 21 16 00-0243			Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0220)</small>		
23 21 16 00-0244			Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0243)</small>		
23 21 16 00-0245	EA		1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,973.41 18.72	12.48

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 16 00-0246	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,014.85 18.72	12.48
23 21 16 00-0247	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,146.35 23.63	15.76
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,522.40 30.08	20.05
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,887.72 34.68	23.12
23 21 16 00-0250	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	3,580.48 40.82	27.21
23 21 16 00-0251		Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0243)</small>		
23 21 16 00-0252	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	4,423.81 52.07	138.41
23 21 16 00-0253	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	5,457.20 60.93	162.27
23 21 16 00-0254	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	8,265.82 102.27	272.04
23 21 16 00-0255	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	18,177.93 119.60	317.79
23 21 16 00-0256		Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves <small>(23 21 16 00-0220)</small>		
23 21 16 00-0257	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	231.36	13.29
23 21 16 00-0258	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	286.51	14.73
23 21 16 00-0259	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	380.41	15.64
23 21 16 00-0260	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	660.16	17.80
23 21 16 00-0261	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	898.39	21.27
23 21 16 00-0262	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,285.59	32.59
23 21 16 00-0263	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,392.71	35.50
23 21 16 00-0264	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,535.09	40.87
23 21 16 00-0265		Screwed Ends, Bronze Body, Water Pressure Reducing Valves <small>(23 21 16 00-0220)</small> Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0266	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	146.44	12.79
23 21 16 00-0267	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	161.06	14.32
23 21 16 00-0268	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	197.96	15.85
23 21 16 00-0269	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	453.58	17.18
23 21 16 00-0270	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	493.27	20.45
23 21 16 00-0271	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	774.49	31.36
23 21 16 00-0272		Plastic Pressure Regulator <small>(23 21 16 00-0220)</small>		
23 21 16 00-0273		Polyvinyl Chloride (PVC) Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0274	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	268.65	15.34
23 21 16 00-0275	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	296.41	21.27
23 21 16 00-0276	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	528.86	25.57
23 21 16 00-0277	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	595.69	34.16
23 21 16 00-0278	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	703.84	40.91
23 21 16 00-0279	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	859.38	63.92
23 21 16 00-0280		Polypropylene Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0281	EA	1/4" Polypropylene Pressure Regulator Valve	343.29	15.34
23 21 16 00-0282	EA	1/2" Polypropylene Pressure Regulator Valve	420.82	21.48
23 21 16 00-0283	EA	3/4" Polypropylene Pressure Regulator Valve	647.30	25.57
23 21 16 00-0284	EA	1" Polypropylene Pressure Regulator Valve	764.89	34.16
23 21 16 00-0285	EA	1-1/2" Polypropylene Pressure Regulator Valve	892.94	40.91
23 21 16 00-0286	EA	2" Polypropylene Pressure Regulator Valve	1,102.23	63.92
23 21 16 00-0287		Teflon (PTFE) Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0288	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	736.43	15.34
23 21 16 00-0289	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	843.81	21.27
23 21 16 00-0290	EA	3/4" Teflon Pressure Regulator Valve	1,424.62	25.57
23 21 16 00-0291	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,969.17	34.16
23 21 16 00-0292	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,375.91	40.91
23 21 16 00-0293	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,322.70	63.92
23 21 16 00-0294		Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves <small>(23 21 16 00-0272)</small>		
23 21 16 00-0295	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	239.39	15.34
23 21 16 00-0296	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	273.66	21.27
23 21 16 00-0297	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	442.06	25.57
23 21 16 00-0298	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	524.43	34.05
23 21 16 00-0299	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	610.17	40.91
23 21 16 00-0300		Dual Unit Reducing And Relief Valve <small>(23 21 16)</small>		
23 21 16 00-0301	EA	1/2" Dual Unit Reducing And Relief Valve	166.30	31.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 16 00-0302			Safety Relief Valve <small>(23 21 16)</small> Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0303			Threaded Inlet, Bronze Body Safety Valves <small>(23 21 16 00-0302)</small> Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0304	EA		1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve.....	67.63	12.79
23 21 16 00-0305	EA		3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve.....	90.99	14.07
23 21 16 00-0306	EA		1" x 1" Threaded Inlet, Bronze Body Safety Valve.....	129.07	17.13
23 21 16 00-0307	EA		1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve.....	163.92	18.16
23 21 16 00-0308	EA		1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve.....	225.19	24.29
23 21 16 00-0309	EA		2" x 2" Threaded Inlet, Bronze Body Safety Valve.....	299.14	28.63
23 21 16 00-0310	EA		2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve.....	341.68	35.79
23 21 16 00-0311			Plastic Pressure Relief Valves <small>(23 21 16 00-0302)</small>		
23 21 16 00-0312			Polyvinyl Chloride (PVC) Pressure Relief Valves <small>(23 21 16 00-0311)</small>		
23 21 16 00-0313	EA		1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	220.54	15.34
23 21 16 00-0314	EA		1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	241.67	21.48
23 21 16 00-0315	EA		3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	457.54	25.57
23 21 16 00-0316	EA		1" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	540.95	34.26
23 21 16 00-0317	EA		1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	703.84	40.91
23 21 16 00-0318	EA		2" Polyvinyl Chloride (PVC) Pressure Relief Valve.....	874.31	63.92
23 21 16 00-0319			Polypropylene Pressure Relief Valves <small>(23 21 16 00-0311)</small>		
23 21 16 00-0320	EA		1/4" Polypropylene Pressure Relief Valve.....	253.72	15.34
23 21 16 00-0321	EA		1/2" Polypropylene Pressure Relief Valve.....	291.43	21.27
23 21 16 00-0322	EA		3/4" Polypropylene Pressure Relief Valve.....	573.65	25.57
23 21 16 00-0323	EA		1" Polypropylene Pressure Relief Valve.....	665.36	34.16
23 21 16 00-0324	EA		1-1/2" Polypropylene Pressure Relief Valve.....	1,176.60	40.91
23 21 16 00-0325	EA		2" Polypropylene Pressure Relief Valve.....	1,438.30	63.92
23 21 16 00-0326			Teflon (PTFE) Pressure Relief Valves <small>(23 21 16 00-0311)</small>		
23 21 16 00-0327	EA		1/4" Teflon (PTFE) Pressure Relief Valve.....	452.77	15.34
23 21 16 00-0328	EA		1/2" Teflon (PTFE) Pressure Relief Valve.....	498.78	21.27
23 21 16 00-0329	EA		3/4" Teflon (PTFE) Pressure Relief Valve.....	946.88	25.57
23 21 16 00-0330	EA		1" Teflon (PTFE) Pressure Relief Valve.....	1,113.23	34.16
23 21 16 00-0331	EA		1-1/2" Teflon (PTFE) Pressure Relief Valve.....	1,823.53	40.91
23 21 16 00-0332	EA		2" Teflon (PTFE) Pressure Relief Valve.....	2,350.64	63.92
23 21 16 00-0333			Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves <small>(23 21 16 00-0311)</small>		
23 21 16 00-0334	EA		1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	227.83	21.27
23 21 16 00-0335	EA		3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	259.76	25.57
23 21 16 00-0336	EA		1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	315.82	34.05
23 21 16 00-0337	EA		1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	405.46	40.91
23 21 16 00-0338	EA		2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve.....	510.98	63.92
23 21 16 00-0339			Threaded, Bronze Body, Temperature And Pressure Relief Valves <small>(23 21 16)</small>		
23 21 16 00-0340	EA		1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	73.15	26.08
			<i>For Cast Iron Body, Add</i>	38.18	
23 21 16 00-0341	EA		3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	93.67	31.30
			<i>For Cast Iron Body, Add</i>	53.18	
23 21 16 00-0342	EA		1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	135.94	41.72
			<i>For Cast Iron Body, Add</i>	84.69	
23 21 16 00-0343	EA		1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	217.04	44.69
			<i>For Cast Iron Body, Add</i>	179.99	
23 21 16 00-0344	EA		1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	357.24	50.11
			<i>For Cast Iron Body, Add</i>	344.31	
23 21 16 00-0345	EA		2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve.....	417.66	72.04
			<i>For Cast Iron Body, Add</i>	374.93	
23 21 16 00-0346			Thermostatic Radiator Valves <small>(23 21 16)</small> Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0347	EA		1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015).....	55.98	16.50
23 21 16 00-0348	EA		3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020).....	68.40	22.24
23 21 16 00-0349	EA		1" Straight Thermostatic Radiator Valve (Danfoss 013G8025).....	91.17	26.92
23 21 16 00-0350	EA		1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032).....	132.32	34.10
23 21 16 00-0351	EA		1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014).....	55.98	16.50
23 21 16 00-0352	EA		3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019).....	68.40	22.24
23 21 16 00-0353	EA		1" Angle Thermostatic Radiator Valve (Danfoss 013G8024).....	91.17	26.92
23 21 16 00-0354	EA		1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031).....	132.32	34.10
23 21 16 00-0355	EA		Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240).....	67.44	12.79
23 21 16 00-0356	EA		Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922).....	99.20	17.90
23 21 16 00-0357			ASME Construction Compression Tanks <small>(23 21 16)</small> Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0358	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank.....	837.73	180.05
		<i>For Galvanized Steel Tanks, Add</i>	282.46	
23 21 16 00-0359	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank.....	854.58	185.17
		<i>For Galvanized Steel Tanks, Add</i>	286.62	
23 21 16 00-0360	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank.....	930.25	191.31
		<i>For Galvanized Steel Tanks, Add</i>	319.85	
23 21 16 00-0361	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank.....	1,016.25	198.47
		<i>For Galvanized Steel Tanks, Add</i>	357.23	
23 21 16 00-0362	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank.....	1,181.13	209.72
		<i>For Galvanized Steel Tanks, Add</i>	432.00	
23 21 16 00-0363	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank.....	1,227.23	217.91
		<i>For Galvanized Steel Tanks, Add</i>	448.61	
23 21 16 00-0364	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank.....	1,513.74	237.35
		<i>For Galvanized Steel Tanks, Add</i>	577.39	
23 21 16 00-0365	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank.....	1,648.79	254.74
		<i>For Galvanized Steel Tanks, Add</i>	631.37	
23 21 16 00-0366	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank.....	2,046.28	287.47
		<i>For Galvanized Steel Tanks, Add</i>	805.47	
23 21 16 00-0367	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank.....	2,592.56	329.42
		<i>For Galvanized Steel Tanks, Add</i>	1,046.76	
23 21 16 00-0368	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank.....	3,100.32	365.22
		<i>For Galvanized Steel Tanks, Add</i>	1,273.66	
23 21 16 00-0369	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank.....	3,390.04	396.94
		<i>For Galvanized Steel Tanks, Add</i>	1,394.12	
23 21 16 00-0370	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank.....	4,270.71	435.81
		<i>For Galvanized Steel Tanks, Add</i>	1,805.34	
23 21 16 00-0371	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank.....	4,409.07	465.48
		<i>For Galvanized Steel Tanks, Add</i>	1,851.77	
23 21 16 00-0372	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank.....	5,663.93	500.27
		<i>For Galvanized Steel Tanks, Add</i>	2,453.06	
23 21 16 00-0373	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank.....	9,389.74	587.23
		<i>For Galvanized Steel Tanks, Add</i>	4,250.07	
23 21 16 00-0374		Compression Tank Air Fittings ^(23 21 16)		
23 21 16 00-0375	EA	9" To 24" Diameter Compression Tank Air Fittings.....	141.03	28.64
23 21 16 00-0376	EA	>100 Gallon Compression Tank Air Fittings.....	423.51	33.76
23 21 16 00-0377		Vortex Air Separators With Strainer ^(23 21 16)		
		Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0378	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N).....	1,199.35	217.91
		<i>For 300 PSIG, Add</i>	130.40	
23 21 16 00-0379	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N).....	1,479.73	249.63
		<i>For 300 PSIG, Add</i>	165.12	
23 21 16 00-0380	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N).....	2,255.50	293.62
		<i>For 300 PSIG, Add</i>	271.61	
23 21 16 00-0381	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F).....	2,410.37	310.91
		<i>For 300 PSIG, Add</i>	290.90	
23 21 16 00-0382	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F).....	3,112.67	414.55
		<i>For 300 PSIG, Add</i>	372.69	
23 21 16 00-0383	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F).....	3,901.09	480.38
		<i>For 300 PSIG, Add</i>	476.08	
23 21 16 00-0384	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F).....	4,625.63	543.95
		<i>For 300 PSIG, Add</i>	570.22	
23 21 16 00-0385	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F).....	6,637.17	652.57
		<i>For 300 PSIG, Add</i>	847.22	
23 21 16 00-0386	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F).....	10,187.68	741.76
		<i>For 300 PSIG, Add</i>	1,359.57	
23 21 16 00-0387	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F).....	13,737.76	959.87
		<i>For 300 PSIG, Add</i>	1,842.50	
23 21 16 00-0388	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F).....	28,527.79	1,165.62
		<i>For 300 PSIG, Add</i>	4,014.26	
23 21 16 00-0389	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F).....	35,214.24	1,398.74
		<i>For 300 PSIG, Add</i>	4,964.24	
23 21 16 00-0390	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F).....	45,924.58	1,631.86
		<i>For 300 PSIG, Add</i>	6,517.81	
23 21 16 00-0391	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F).....	53,728.65	1,865.00
		<i>For 300 PSIG, Add</i>	7,635.44	
23 21 16 00-0392		Vortex Air Separators ^(23 21 16)		
		Note: Without system strainer.		
23 21 16 00-0393	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N).....	1,029.60	217.91
		<i>For 300 PSIG, Add</i>	104.94	
23 21 16 00-0394	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N).....	1,294.55	249.63
		<i>For 300 PSIG, Add</i>	137.35	
23 21 16 00-0395	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N).....	2,209.21	293.62
		<i>For 300 PSIG, Add</i>	264.66	
23 21 16 00-0396	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F).....	2,003.99	310.91
		<i>For 300 PSIG, Add</i>	229.94	
23 21 16 00-0397	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F).....	2,685.72	414.55
		<i>For 300 PSIG, Add</i>	308.64	
23 21 16 00-0398	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F).....	3,453.56	480.38
		<i>For 300 PSIG, Add</i>	408.95	
23 21 16 00-0399	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F).....	4,018.63	543.95
		<i>For 300 PSIG, Add</i>	479.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0400	EA		8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F) <i>For 300 PSIG, Add</i>	10,989.02 1,500.00	652.57
23 21 16 00-0401	EA		10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F) <i>For 300 PSIG, Add</i>	7,415.04 943.67	741.76
23 21 16 00-0402	EA		12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F) <i>For 300 PSIG, Add</i>	11,408.15 1,493.06	959.87
23 21 16 00-0403	EA		14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F) <i>For 300 PSIG, Add</i>	19,372.97 2,641.03	1,165.62
23 21 16 00-0404	EA		16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F) <i>For 300 PSIG, Add</i>	24,535.39 3,362.41	1,398.74
23 21 16 00-0405	EA		18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-18F) <i>For 300 PSIG, Add</i>	32,779.74 4,546.08	1,631.86
23 21 16 00-0406	EA		20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F) <i>For 300 PSIG, Add</i>	44,789.74 6,294.60	1,865.00
23 21 16 00-0407	EA		22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F) <i>For 300 PSIG, Add</i>	54,830.12 7,747.67	2,098.12
23 21 16 00-0408	EA		24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F) <i>For 300 PSIG, Add</i>	64,870.52 9,200.75	2,331.24
23 21 16 00-0409			Grooved, With Strainer, Vortex Air Separators ^(23 21 16)		
23 21 16 00-0410	EA		3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	2,110.40	248.72
23 21 16 00-0411	EA		4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	2,986.74	331.43
23 21 16 00-0412	EA		5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	3,755.62	383.95
23 21 16 00-0413	EA		6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	4,460.73	435.17
23 21 16 00-0414	EA		8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	6,429.08	522.20
23 21 16 00-0415	EA		10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	10,364.11	593.40
23 21 16 00-0416	EA		12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	15,764.72	767.98
23 21 16 00-0417			Grooved Vortex Air Separators ^(23 21 16)		
			Note: Without system strainer.		
23 21 16 00-0418	EA		3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,688.59	248.72
23 21 16 00-0419	EA		4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,559.79	331.43
23 21 16 00-0420	EA		5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	3,308.09	383.95
23 21 16 00-0421	EA		6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	3,853.73	435.17
23 21 16 00-0422	EA		8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	5,143.07	522.20
23 21 16 00-0423	EA		10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	7,550.32	593.40
23 21 16 00-0424	EA		12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	12,519.79	767.98
23 21 16 00-0425			Removable Head, Air Eliminator And Dirt Separator ^(23 21 16)		
			Note: Spirovent VDN.		
23 21 16 00-0426	EA		2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	3,503.29	217.91
23 21 16 00-0427	EA		2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,792.86	249.63
23 21 16 00-0428	EA		3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	5,065.91	293.62
23 21 16 00-0429	EA		4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	5,785.76	450.15
23 21 16 00-0430	EA		5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	8,456.08	556.54
23 21 16 00-0431	EA		6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	10,885.97	630.20
23 21 16 00-0432	EA		8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	17,008.37	142.21
23 21 16 00-0433	EA		10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	25,123.27	859.36
23 21 16 00-0434	EA		12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	32,471.64	1,112.05
23 21 16 00-0435			Air Eliminator And Dirt Separator ^(23 21 16)		
			Note: Spirovent VDT.		
23 21 16 00-0436	EA		2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,443.21	217.91
23 21 16 00-0437	EA		2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,803.27	249.63
23 21 16 00-0438	EA		3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,176.44	270.40
23 21 16 00-0439	EA		4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	4,703.23	414.55
23 21 16 00-0440	EA		5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	5,413.57	480.38
23 21 16 00-0441	EA		6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	5,861.98	543.95
23 21 16 00-0442			High Velocity, Air Eliminator And Dirt Separator (Spirotherm) ^(23 21 16)		
23 21 16 00-0443	EA		2", 105 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	3,754.37	217.91
23 21 16 00-0444	EA		2-1/2", 155 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	6,881.26	249.63
23 21 16 00-0445	EA		3", 225 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	7,131.59	270.40
23 21 16 00-0446	EA		4", 405 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	8,022.27	414.55
23 21 16 00-0447	EA		5", 630 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	9,304.61	529.38
23 21 16 00-0448	EA		6", 910 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT).....	10,049.21	599.44
23 21 16 00-0449			Swivel Joints ^(23 21 16)		
23 21 16 00-0450			Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) ^(23 21 16 00-0449)		
			Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0451	EA		1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	294.18	26.90
23 21 16 00-0452	EA		1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	422.80	39.38
23 21 16 00-0453	EA		2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	591.41	46.04
23 21 16 00-0454	EA		3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	883.55	78.78
23 21 16 00-0455	EA		4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,118.63	89.52
			<i>For Stainless Steel, Add</i>	1,409.39	
23 21 16 00-0456	EA		2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	827.17	136.37
			<i>For Stainless Steel, Add</i>	984.99	
23 21 16 00-0457	EA		3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,116.81	108.80

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	16 00-0458	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,428.79	291.57
23 21	16 00-0459	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	2,635.05	368.30
23 21	16 00-0460		Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) (23 21 16 00-0449)		
			Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21	16 00-0461	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	373.22	26.90
			<i>For Stainless Steel, Add</i>	479.06	
23 21	16 00-0462	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	460.13	39.38
			<i>For Stainless Steel, Add</i>	572.15	
23 21	16 00-0463	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	619.11	46.04
			<i>For Stainless Steel, Add</i>	789.15	
23 21	16 00-0464	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	995.56	78.78
			<i>For Stainless Steel, Add</i>	1,257.26	
23 21	16 00-0465	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	1,301.57	89.52
			<i>For Stainless Steel, Add</i>	1,683.80	
23 21	16 00-0466	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	852.49	136.37
			<i>For Stainless Steel, Add</i>	1,022.97	
23 21	16 00-0467	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	1,261.80	108.80
			<i>For Stainless Steel, Add</i>	1,566.20	
23 21	16 00-0468	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	1,596.17	291.57
			<i>For Stainless Steel, Add</i>	1,846.20	
23 21	16 00-0469	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	2,750.64	368.30
			<i>For Stainless Steel, Add</i>	3,432.93	
23 21	16 00-0470		Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) (23 21 16 00-0449)		
			Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21	16 00-0471	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	438.46	26.90
			<i>For Stainless Steel, Add</i>	576.92	
23 21	16 00-0472	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	509.91	39.38
			<i>For Stainless Steel, Add</i>	646.82	
23 21	16 00-0473	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	744.23	46.04
			<i>For Stainless Steel, Add</i>	976.83	
23 21	16 00-0474	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,146.14	78.78
			<i>For Stainless Steel, Add</i>	1,483.13	
23 21	16 00-0475	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,351.35	89.52
			<i>For Stainless Steel, Add</i>	1,758.47	
23 21	16 00-0476	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	976.94	136.37
			<i>For Stainless Steel, Add</i>	1,209.65	
23 21	16 00-0477	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,416.11	108.80
			<i>For Stainless Steel, Add</i>	1,797.66	
23 21	16 00-0478	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,755.46	291.57
			<i>For Stainless Steel, Add</i>	2,085.14	
23 21	16 00-0479	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	3,092.87	368.30
			<i>For Stainless Steel, Add</i>	3,946.28	
23 21	16 00-0480		Basket Strainers (23 21 16)		
23 21	16 00-0481		Bronze Body Basket Strainers (23 21 16 00-0480)		
23 21	16 00-0482		Screwed Ends, Bronze Body Basket Strainers (23 21 16 00-0481)		
23 21	16 00-0483	EA	1/2" Screwed Ends, Bronze Body Basket Strainer.....	215.67	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.18	
23 21	16 00-0484	EA	3/4" Screwed Ends, Bronze Body Basket Strainer.....	254.81	24.05
			<i>For Work In Restricted Working Space, Add</i>	14.31	
23 21	16 00-0485	EA	1" Screwed Ends, Bronze Body Basket Strainer.....	295.98	28.64
			<i>For Work In Restricted Working Space, Add</i>	17.05	
23 21	16 00-0486	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer.....	366.60	31.71
			<i>For Work In Restricted Working Space, Add</i>	19.01	
23 21	16 00-0487	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer.....	432.00	35.80
			<i>For Work In Restricted Working Space, Add</i>	21.47	
23 21	16 00-0488	EA	2" Screwed Ends, Bronze Body Basket Strainer.....	636.90	40.92
			<i>For Work In Restricted Working Space, Add</i>	24.58	
23 21	16 00-0489	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer.....	899.29	54.73
			<i>For Work In Restricted Working Space, Add</i>	32.92	
23 21	16 00-0490	EA	3" Screwed Ends, Bronze Body Basket Strainer.....	1,254.94	58.31
			<i>For Work In Restricted Working Space, Add</i>	34.92	
23 21	16 00-0491		Flanged, Bronze Body Basket Strainers (23 21 16 00-0481)		
23 21	16 00-0492	EA	2" Flanged, Bronze Body Basket Strainer.....	1,011.55	136.37
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 21	16 00-0493	EA	2-1/2" Flanged, Bronze Body Basket Strainer.....	1,501.92	148.34
			<i>For Work In Restricted Working Space, Add</i>	55.80	
23 21	16 00-0494	EA	3" Flanged, Bronze Body Basket Strainer.....	1,705.22	173.92
			<i>For Work In Restricted Working Space, Add</i>	65.30	
23 21	16 00-0495	EA	4" Flanged, Bronze Body Basket Strainer.....	2,882.76	291.56
			<i>For Work In Restricted Working Space, Add</i>	109.61	
23 21	16 00-0496	EA	6" Flanged, Bronze Body Basket Strainer.....	5,376.37	317.90
			<i>For Work In Restricted Working Space, Add</i>	119.64	
23 21	16 00-0497	EA	8" Flanged, Bronze Body Basket Strainer.....	9,744.58	406.20
			<i>For Work In Restricted Working Space, Add</i>	151.38	
23 21	16 00-0498		Iron Body Basket Strainers (23 21 16 00-0480)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0499 Screwed Ends, Iron Body Basket Strainers (23 21 16 00-0498)		
23 21 16 00-0500 EA 1/2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	336.88 12.18	20.46
23 21 16 00-0501 EA 3/4" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	379.31 14.31	24.05
23 21 16 00-0502 EA 1" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	448.24 17.05	28.64
23 21 16 00-0503 EA 1-1/4" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	587.97 19.01	31.71
23 21 16 00-0504 EA 1-1/2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	645.08 21.47	35.80
23 21 16 00-0505 EA 2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	766.90 24.58	40.92
23 21 16 00-0506 EA 2-1/2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,088.27 32.92	54.73
23 21 16 00-0507 EA 3" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,230.82 34.92	58.31
23 21 16 00-0508 Flanged, Iron Body Basket Strainers (23 21 16 00-0498)		
23 21 16 00-0509 EA 2" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	743.87 51.15	136.37
23 21 16 00-0510 EA 2-1/2" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	958.80 55.80	148.34
23 21 16 00-0511 EA 3" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,040.32 65.30	173.92
23 21 16 00-0512 EA 4" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,603.50 109.61	291.56
23 21 16 00-0513 EA 6" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,808.58 119.64	317.90
23 21 16 00-0514 EA 8" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	4,950.24 151.38	406.20
23 21 16 00-0515 EA 10" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	7,307.36 185.44	494.51
23 21 16 00-0516 EA 12" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,182.41 374.02	623.43
23 21 16 00-0517 EA 14" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	10,896.12 264.92	706.44
23 21 16 00-0518 EA 16" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	11,441.45 291.41	777.08
23 21 16 00-0519 Cast Steel Body Basket Strainers (23 21 16 00-0480)		
23 21 16 00-0520 Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0519)		
23 21 16 00-0521 EA 1" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	512.21 17.05	28.64
23 21 16 00-0522 EA 1-1/4" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	671.19 19.01	31.71
23 21 16 00-0523 EA 1-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	756.53 21.46	35.80
23 21 16 00-0524 EA 2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,056.36 24.58	40.92
23 21 16 00-0525 EA 2-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,479.73 32.92	54.73
23 21 16 00-0526 EA 3" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,910.92 34.92	58.31
23 21 16 00-0527 Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0519)		
23 21 16 00-0528 EA 2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,588.75 51.15	136.37
23 21 16 00-0529 EA 2-1/2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,260.31 55.80	148.34
23 21 16 00-0530 EA 3" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,484.93 65.30	173.92
23 21 16 00-0531 EA 4" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,549.19 109.61	291.56
23 21 16 00-0532 EA 6" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,139.32 119.64	317.90
23 21 16 00-0533 EA 8" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,911.33 151.38	406.20
23 21 16 00-0534 Stainless Steel Body Basket Strainers (23 21 16 00-0480)		
23 21 16 00-0535 Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0534)		
23 21 16 00-0536 EA 1" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	346.20 17.05	28.64
23 21 16 00-0537 EA 1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	491.69 19.01	31.71
23 21 16 00-0538 EA 1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	509.88 21.46	35.80
23 21 16 00-0539 EA 2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	745.17 24.58	40.92
23 21 16 00-0540 EA 2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,050.88 32.92	54.73

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0541	EA 3" Screwed Ends, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,470.14 34.92	58.31
23 21 16 00-0542	Flanged, Stainless Steel Body Basket Strainers <small>(23 21 16 00-0534)</small>		
23 21 16 00-0543	EA 2" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,157.51 51.15	136.37
23 21 16 00-0544	EA 2-1/2" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,723.10 55.80	148.34
23 21 16 00-0545	EA 3" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,953.88 65.30	173.92
23 21 16 00-0546	EA 4" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,302.03 109.61	291.56
23 21 16 00-0547	EA 6" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,982.85 119.64	317.90
23 21 16 00-0548	EA 8" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	8,583.98 151.38	406.20
23 21 16 00-0549	Plastic Basket Strainers <small>(23 21 16 00-0480)</small>		
23 21 16 00-0550	Screwed Or Socket Ends, Simplex, Plastic Basket Strainers <small>(23 21 16 00-0549)</small>		
23 21 16 00-0551	Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers <small>(23 21 16 00-0550)</small>		
23 21 16 00-0552	EA 1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	260.61 12.18	14.32
23 21 16 00-0553	EA 3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	267.71 14.31	16.67
23 21 16 00-0554	EA 1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	276.84 17.05	19.84
23 21 16 00-0555	EA 1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	449.71 21.46	25.06
23 21 16 00-0556	EA 2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	467.24 24.58	28.64
23 21 16 00-0557	EA 3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	989.32 34.92	40.92
23 21 16 00-0558	EA 4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,309.38 46.03	53.71
23 21 16 00-0559	Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers <small>(23 21 16 00-0550)</small>		
23 21 16 00-0560	EA 1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	474.14 12.18	14.32
23 21 16 00-0561	EA 3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	481.24 14.31	16.67
23 21 16 00-0562	EA 1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	490.37 17.05	19.84
23 21 16 00-0563	EA 1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	843.45 21.46	25.06
23 21 16 00-0564	EA 2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	868.94 24.58	28.64
23 21 16 00-0565	EA 3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	989.32 34.92	40.92
23 21 16 00-0566	EA 4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,331.72 46.03	53.71
23 21 16 00-0567	Flanged, Simplex, Plastic Basket Strainers <small>(23 21 16 00-0549)</small>		
23 21 16 00-0568	Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers <small>(23 21 16 00-0567)</small>		
23 21 16 00-0569	EA 1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	431.10 53.69	89.52
23 21 16 00-0570	EA 1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	655.34 61.38	102.30
23 21 16 00-0571	EA 2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	697.41 71.51	119.19
23 21 16 00-0572	EA 3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,265.40 65.30	173.92
23 21 16 00-0573	EA 4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,731.82 109.61	291.56
23 21 16 00-0574	EA 6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,376.87 138.61	368.30
23 21 16 00-0575	EA 8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,425.88 175.38	470.60
23 21 16 00-0576	Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers <small>(23 21 16 00-0567)</small>		
23 21 16 00-0577	EA 1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,073.21 61.38	102.30
23 21 16 00-0578	EA 2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,125.08 71.51	119.19
23 21 16 00-0579	EA 3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,317.40 65.30	173.92
23 21 16 00-0580	EA 4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,937.92 109.61	291.56

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0581	Screwed Or Socket Ends, Duplex, Plastic Basket Strainers <small>(23 21 16 00-0549)</small>		
23 21 16 00-0582	Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers <small>(23 21 16 00-0581)</small>		
23 21 16 00-0583	EA 1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,084.76	14.32
	<i>For Work In Restricted Working Space, Add</i>	12.18	
23 21 16 00-0584	EA 3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,091.86	16.67
	<i>For Work In Restricted Working Space, Add</i>	14.31	
23 21 16 00-0585	EA 1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,100.99	19.84
	<i>For Work In Restricted Working Space, Add</i>	17.05	
23 21 16 00-0586	EA 1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,697.23	25.06
	<i>For Work In Restricted Working Space, Add</i>	21.46	
23 21 16 00-0587	EA 2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,707.62	28.64
	<i>For Work In Restricted Working Space, Add</i>	24.58	
23 21 16 00-0588	EA 3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	3,787.62	40.92
	<i>For Work In Restricted Working Space, Add</i>	34.92	
23 21 16 00-0589	EA 4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	4,996.06	53.71
	<i>For Work In Restricted Working Space, Add</i>	46.03	
23 21 16 00-0590	Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers <small>(23 21 16 00-0581)</small>		
23 21 16 00-0591	EA 1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,027.04	14.32
	<i>For Work In Restricted Working Space, Add</i>	12.18	
23 21 16 00-0592	EA 3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,034.14	16.67
	<i>For Work In Restricted Working Space, Add</i>	14.31	
23 21 16 00-0593	EA 1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,043.27	19.84
	<i>For Work In Restricted Working Space, Add</i>	17.05	
23 21 16 00-0594	EA 1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	3,169.77	25.06
	<i>For Work In Restricted Working Space, Add</i>	21.46	
23 21 16 00-0595	EA 2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	3,180.16	28.64
	<i>For Work In Restricted Working Space, Add</i>	24.58	
23 21 16 00-0596	EA 3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	6,193.55	40.92
	<i>For Work In Restricted Working Space, Add</i>	34.92	
23 21 16 00-0597	EA 4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	9,309.18	53.71
	<i>For Work In Restricted Working Space, Add</i>	46.03	
23 21 16 00-0598	Flanged, Duplex, Plastic Basket Strainers <small>(23 21 16 00-0549)</small>		
23 21 16 00-0599	Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers <small>(23 21 16 00-0598)</small>		
23 21 16 00-0600	EA 1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,144.69	38.37
	<i>For Work In Restricted Working Space, Add</i>	23.02	
23 21 16 00-0601	EA 3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,170.25	51.15
	<i>For Work In Restricted Working Space, Add</i>	30.69	
23 21 16 00-0602	EA 1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,246.93	89.52
	<i>For Work In Restricted Working Space, Add</i>	53.69	
23 21 16 00-0603	EA 1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,892.16	102.30
	<i>For Work In Restricted Working Space, Add</i>	61.38	
23 21 16 00-0604	EA 2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	1,925.91	119.19
	<i>For Work In Restricted Working Space, Add</i>	71.51	
23 21 16 00-0605	EA 3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	4,019.70	173.92
	<i>For Work In Restricted Working Space, Add</i>	65.30	
23 21 16 00-0606	EA 4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer.....	5,373.30	291.56
	<i>For Work In Restricted Working Space, Add</i>	109.61	
23 21 16 00-0607	Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers <small>(23 21 16 00-0598)</small>		
23 21 16 00-0608	EA 1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,105.46	38.37
	<i>For Work In Restricted Working Space, Add</i>	23.02	
23 21 16 00-0609	EA 3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,131.00	51.15
	<i>For Work In Restricted Working Space, Add</i>	30.68	
23 21 16 00-0610	EA 1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	2,207.72	89.52
	<i>For Work In Restricted Working Space, Add</i>	53.69	
23 21 16 00-0611	EA 1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	3,414.63	102.30
	<i>For Work In Restricted Working Space, Add</i>	61.38	
23 21 16 00-0612	EA 2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	3,448.38	119.19
	<i>For Work In Restricted Working Space, Add</i>	71.51	
23 21 16 00-0613	EA 3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	7,615.08	173.92
	<i>For Work In Restricted Working Space, Add</i>	65.30	
23 21 16 00-0614	EA 4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer.....	9,918.40	291.56
	<i>For Work In Restricted Working Space, Add</i>	109.61	
23 21 16 00-0615	Plastic Strainer Baskets <small>(23 21 16 00-0549)</small>		
23 21 16 00-0616	Polyvinyl Chloride (PVC) Strainer Baskets <small>(23 21 16 00-0615)</small>		
23 21 16 00-0617	EA 1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket.....	92.88	
23 21 16 00-0618	EA 1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket.....	113.93	
23 21 16 00-0619	EA 3" Polyvinyl Chloride (PVC) Strainer Basket.....	255.69	
23 21 16 00-0620	EA 4" Polyvinyl Chloride (PVC) Strainer Basket.....	290.18	
23 21 16 00-0621	Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets <small>(23 21 16 00-0615)</small>		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0622	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket.....	173.72	
23 21 16 00-0623	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket.....	217.53	
23 21 16 00-0624	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	483.39	
23 21 16 00-0625	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	536.26	
23 21 16 00-0626		Air Vents <small>(23 21 16)</small>		
23 21 16 00-0627		Screwed Ends, Cast Iron, Automatic Air Vents <small>(23 21 16 00-0626)</small>		
		Note: With guided free floating lever.		
23 21 16 00-0628	EA	1/2" NPT, Cast Iron, Automatic Air Vent	257.47	29.67
23 21 16 00-0629	EA	3/4" NPT, Cast Iron, Automatic Air Vent	315.75	39.38
23 21 16 00-0630	EA	1" NPT, Cast Iron, Automatic Air Vent	709.31	40.92
23 21 16 00-0631	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,052.30	63.23
23 21 16 00-0632	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	1,746.58	68.04
23 21 16 00-0633	EA	2" NPT, Cast Iron, Automatic Air Vent	2,008.00	89.72
23 21 16 00-0634		Forged Steel, Stainless Steel Internals, Automatic Air Vents <small>(23 21 16 00-0626)</small>		
		Note: With guided free floating lever.		
23 21 16 00-0635	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,410.23	34.27
23 21 16 00-0636	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,765.92	39.38
23 21 16 00-0637	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,104.57	40.92
23 21 16 00-0638	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,451.36	63.43
23 21 16 00-0639	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,984.10	68.04
23 21 16 00-0640	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,852.78	89.52
23 21 16 00-0641		Manual Air Vent <small>(23 21 16 00-0626)</small>		
23 21 16 00-0642	EA	Manual Air Vent	75.92	36.93
23 21 16 00-0643		Automatic Air Vent <small>(23 21 16 00-0626)</small>		
23 21 16 00-0644	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR).....	169.92	39.38
23 21 16 00-0645	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR).....	184.64	40.92
23 21 16 00-0646	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	264.83	63.23
23 21 16 00-0647	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	320.85	68.04
23 21 16 00-0648	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR).....	400.74	73.32
23 21 16 00-0649		Air Release Valves <small>(23 21 16 00-0626)</small>		
23 21 16 00-0650		Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) <small>(23 21 16 00-0649)</small>		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0651	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50).....	161.92	15.35
23 21 16 00-0652	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50).....	166.02	17.39
23 21 16 00-0653	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50).....	174.19	21.48
23 21 16 00-0654		Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) <small>(23 21 16 00-0649)</small>		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0655	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A).....	656.20	21.48
23 21 16 00-0656	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	789.15	37.34
23 21 16 00-0657	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,035.78	87.06
23 21 16 00-0658		Cast Iron, Air/Vacuum Valves <small>(23 21 16 00-0649)</small>		
		Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0659	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	318.14	15.35
23 21 16 00-0660	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	392.90	21.48
23 21 16 00-0661	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	678.75	37.34
23 21 16 00-0662	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	985.78	87.06
23 21 16 00-0663	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,542.89	146.15
23 21 16 00-0664	EA	6" Flanged Cast Iron Air Release Valve (APCO 153)	2,345.25	184.81
23 21 16 00-0665		Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice <small>(23 21 16 00-0649)</small>		
		Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0666	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C).....	567.88	21.48
23 21 16 00-0667	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C).....	872.47	37.34
23 21 16 00-0668	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,600.27	87.06
23 21 16 00-0669	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,078.22	146.15
23 21 23		Hydronic Pumps <small>(23 21)</small>		
23 21 23 13		In-Line Centrifugal Hydronic Pumps <small>(23 21 23)</small>		
23 21 23 13-0001		Cast Iron Single Stage In-Line Centrifugal Pump <small>(23 21 23 13)</small>		
		Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA	50 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 100' Head And 3 HP.....	4,169.20	273.22
		For Mechanical Seal, Add	268.00	
		For Cast Steel Case, Add	602.99	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 21 23 13-0003	EA 75 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 100' Head And 5 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	4,582.93 287.30 646.42	330.70
23 21 23 13-0004	EA 100 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	5,307.11 330.35 743.30	392.87
23 21 23 13-0005	EA 125 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 150' Head And 10 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	5,811.03 339.26 763.34	523.84
23 21 23 13-0006	EA 150 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 200' Head And 15 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	6,877.49 413.16 929.61	570.94
23 21 23 13-0007	EA 200 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 30 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	10,068.90 654.77 1,473.23	628.41
23 21 23 13-0008	EA 250 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 40 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	11,876.11 761.66 1,713.73	784.81
23 21 23 13-0009	EA 300 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 50 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	10,208.33 601.32 1,352.97	896.93
23 21 23 13-0010	EA 400 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 400' Head And 75 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	20,518.08 1,421.67 3,198.75	915.72
23 21 23 13-0011	EA 600 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 400' Head And 100 HP <i>For Mechanical Seal, Add</i> <i>For Cast Steel Case, Add</i>	22,561.40 1,522.34 3,425.26	1,177.10

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps ^(23 21 23)
 See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ^(23 21 23 16)
 Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA 5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	3,721.87	298.66
23 21 23 16-0003	EA 7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	4,150.51	299.03
23 21 23 16-0004	EA 10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	5,447.66	392.87
23 21 23 16-0005	EA 15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	6,029.67	483.32
23 21 23 16-0006	EA 15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	6,683.99	483.32
23 21 23 16-0007	EA 20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	6,562.17	523.84
23 21 23 16-0008	EA 20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	6,934.18	523.84
23 21 23 16-0009	EA 25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	7,568.41	549.28
23 21 23 16-0010	EA 30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	8,503.02	698.13
23 21 23 16-0011	EA 40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	9,051.46	784.81
23 21 23 16-0012	EA 60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	14,609.17	1,803.90
23 21 23 16-0013	EA 75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	20,647.31	2,164.30
23 21 23 16-0014	EA 100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	23,712.76	2,705.36

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ^(23 21 23 16)
 Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP <i>For 300 LB Flanges, Add</i>	1,875.79 369.98	219.52
23 21 23 16-0017	EA 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP <i>For 300 LB Flanges, Add</i>	2,201.01 461.93	235.54
23 21 23 16-0018	EA 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP <i>For 300 LB Flanges, Add</i>	2,728.75 577.50	251.55
23 21 23 16-0019	EA 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP <i>For 300 LB Flanges, Add</i>	3,245.25 676.72	298.66
23 21 23 16-0020	EA 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP <i>For 300 LB Flanges, Add</i>	3,410.05 711.19	299.03
23 21 23 16-0021	EA 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP <i>For 300 LB Flanges, Add</i>	3,771.71 766.27	392.87
23 21 23 16-0022	EA 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP <i>For 300 LB Flanges, Add</i>	3,771.71 766.27	392.87
23 21 23 16-0023	EA 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP <i>For 300 LB Flanges, Add</i>	3,771.71 766.27	392.87
23 21 23 16-0024	EA 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP <i>For 300 LB Flanges, Add</i>	4,602.28 933.15	483.32
23 21 23 16-0025	EA 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP <i>For 300 LB Flanges, Add</i>	4,700.60 948.96	482.95
23 21 23 16-0026	EA 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP <i>For 300 LB Flanges, Add</i>	4,940.52 999.59	523.84
23 21 23 16-0027	EA 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP <i>For 300 LB Flanges, Add</i>	5,400.85 1,095.85	549.28
23 21 23 16-0028	EA 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP <i>For 300 LB Flanges, Add</i>	6,133.63 1,219.36	698.13
23 21 23 16-0029	EA 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP <i>For 300 LB Flanges, Add</i>	6,943.28 1,382.51	784.81
23 21 23 16-0030	EA 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP <i>For 300 LB Flanges, Add</i>	11,498.40 2,005.02	1,803.90
23 21 23 16-0031	EA 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP <i>For 300 LB Flanges, Add</i>	13,723.28 2,387.32	2,164.30

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 21 23 16-0032	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP <i>For 300 LB Flanges, Add</i>	16,558.33 2,835.21		2,705.36
23 21 23 16-0033		Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small> Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.			
23 21 23 16-0034	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP <i>For 300 LB Flanges, Add</i>	2,690.63 573.69		219.52
23 21 23 16-0035	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP <i>For 300 LB Flanges, Add</i>	2,778.86 588.71		235.54
23 21 23 16-0036	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP <i>For 300 LB Flanges, Add</i>	2,867.20 603.74		251.55
23 21 23 16-0037	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP <i>For 300 LB Flanges, Add</i>	3,087.95 656.15		257.21
23 21 23 16-0038	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP <i>For 300 LB Flanges, Add</i>	4,830.71 1,073.09		298.66
23 21 23 16-0039	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP <i>For 300 LB Flanges, Add</i>	6,345.52 1,433.63		392.87
23 21 23 16-0040	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP <i>For 300 LB Flanges, Add</i>	6,554.89 1,462.07		423.96
23 21 23 16-0041	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP <i>For 300 LB Flanges, Add</i>	7,048.44 1,544.69		471.07
23 21 23 16-0042	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP <i>For 300 LB Flanges, Add</i>	7,696.69 1,718.13		458.30
23 21 23 16-0043	EA	1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP <i>For 300 LB Flanges, Add</i>	8,750.15 1,922.62		588.99
23 21 23 16-0044	EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP <i>For 300 LB Flanges, Add</i>	11,142.47 2,437.78		721.75
23 21 23 16-0045	EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP <i>For 300 LB Flanges, Add</i>	12,715.87 2,744.18		901.47
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP <i>For 300 LB Flanges, Add</i>	17,753.04 3,916.51		1,082.14
23 21 23 16-0047	EA	3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP <i>For 300 LB Flanges, Add</i>	32,257.68 7,484.70		1,201.96
23 21 23 16-0048	EA	4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP <i>For 300 LB Flanges, Add</i>	34,764.38 7,945.74		1,545.92
23 21 23 16-0049		Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small> Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.			
23 21 23 16-0050	EA	100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP <i>For 300 LB Flanges, Add</i>	9,074.95 2,051.32		483.32
23 21 23 16-0051	EA	200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP <i>For 300 LB Flanges, Add</i>	9,830.67 2,222.13		523.84
23 21 23 16-0052	EA	300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP <i>For 300 LB Flanges, Add</i>	11,919.15 2,666.79		683.57
23 21 23 16-0053	EA	400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP <i>For 300 LB Flanges, Add</i>	22,779.84 5,264.58		939.28
23 21 23 16-0054	EA	800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP <i>For 300 LB Flanges, Add</i>	28,076.27 6,445.23		1,252.37
23 21 23 16-0055		Cast Iron Close Coupling Pumps <small>(23 21 23 16)</small>			
23 21 23 16-0056		Foot Mounted Cast Iron Close Coupled Pumps <small>(23 21 23 16-0055)</small>			
23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	3,349.05		282.64
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	3,616.66		282.64
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	4,003.41		298.35
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	4,240.14		298.35
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	4,840.11		313.73
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	5,713.43		367.93
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	7,467.83		453.26
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	8,000.24		490.58
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	9,223.67		529.82
23 21 23 16-0066		Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt <small>(23 21 23 16)</small>			
23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	874.24		145.99
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	931.90		154.79
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,074.19		164.82
23 21 23 23		Vertical-Turbine Hydronic Pumps <small>(23 21 23)</small> See CSI section 26 29 23 00-0000 for variable frequency motor controllers.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0080	EA		1" x 1" Threaded Bronze Body Safety Relief Valve, Water.....	366.17	16.87
23 22 16 00-0081	EA		1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	403.26	18.16
23 22 16 00-0082	EA		1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	584.58	20.45
23 22 16 00-0083	EA		1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water.....	789.29	24.29
23 22 16 00-0084	EA		2" x 2" Threaded Bronze Body Safety Relief Valve, Water.....	1,152.77	28.63
23 22 16 00-0085			Steam Traps <small>(23 22 16)</small>		
23 22 16 00-0086			Inverted Bucket Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0087	EA		1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	258.04	30.69
			<i>For Work In Restricted Working Space, Add</i>	18.41	
23 22 16 00-0088	EA		3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	260.60	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0089	EA		1" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	384.79	34.06
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0090	EA		1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	620.64	46.49
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 22 16 00-0091	EA		1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	921.43	57.30
			<i>For Work In Restricted Working Space, Add</i>	34.10	
23 22 16 00-0092	EA		2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	1,178.40	85.25
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 22 16 00-0093			Float And Thermostatic Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0094	EA		3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	272.67	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0095	EA		1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	357.60	34.09
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0096	EA		1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	443.16	46.50
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 22 16 00-0097	EA		1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	598.13	56.83
			<i>For Work In Restricted Working Space, Add</i>	34.10	
23 22 16 00-0098	EA		2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,089.85	85.22
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 22 16 00-0099	EA		3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	345.34	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0100	EA		1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	375.19	34.06
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0101	EA		1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	491.12	46.49
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 22 16 00-0102	EA		1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	703.65	56.78
			<i>For Work In Restricted Working Space, Add</i>	34.10	
23 22 16 00-0103	EA		2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,196.98	85.25
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 22 16 00-0104	EA		3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	446.07	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0105	EA		1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	496.70	34.09
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0106	EA		1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	754.94	46.49
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 22 16 00-0107	EA		1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	775.61	56.78
			<i>For Work In Restricted Working Space, Add</i>	34.10	
23 22 16 00-0108	EA		2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,499.15	85.25
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 22 16 00-0109	EA		3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	452.46	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0110	EA		1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	496.70	34.09
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0111	EA		1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap.....	754.94	46.49
			<i>For Work In Restricted Working Space, Add</i>	27.90	
23 22 16 00-0112	EA		1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap.....	775.61	56.78
			<i>For Work In Restricted Working Space, Add</i>	34.10	
23 22 16 00-0113	EA		2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,499.15	85.25
			<i>For Work In Restricted Working Space, Add</i>	51.15	
23 22 16 00-0114			Thermostatic Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0115	EA		1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	135.56	30.69
			<i>For Work In Restricted Working Space, Add</i>	18.41	
23 22 16 00-0116	EA		3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	222.21	31.97
			<i>For Work In Restricted Working Space, Add</i>	19.18	
23 22 16 00-0117	EA		1" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	273.22	34.06
			<i>For Work In Restricted Working Space, Add</i>	20.46	
23 22 16 00-0118			Thermodynamic Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0119	EA		3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	290.65	27.63
23 22 16 00-0120	EA		1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	409.94	30.69
23 22 16 00-0121	EA		3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	506.82	31.97
23 22 16 00-0122	EA		1" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	677.37	34.06
23 22 16 00-0123			Steam Moisture Separator <small>(23 22 16 00-0085)</small>		
23 22 16 00-0124	EA		1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	597.97	51.15
23 22 16 00-0125	EA		3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	637.42	69.05
23 22 16 00-0126	EA		1" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	766.26	77.75

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 22 Steam And Condensate Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,204.07	89.01
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,481.15	136.37
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,220.76	148.34
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,545.92	173.92
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,508.50	291.57
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	6,813.98	368.30

23 22 16 00-0133 Steam/Condensate Meter (23 22 16)

Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.

23 22 16 00-0134	EA	1" Steam/Condensate Meter	4,982.24	84.76
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	5,621.43	99.59
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	5,963.16	123.60
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	6,324.65	162.45
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	7,132.48	252.39
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	12,211.62	319.25
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	12,650.60	403.06
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	13,236.63	494.42
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	13,876.86	600.36
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0143	EA	14" Steam/Condensate Meter	14,775.17	706.31
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	15,299.49	776.94
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	

23 22 23 Steam Condensate Pumps (23 22)

23 22 23 13 Electric-Driven Steam Condensate Pumps (23 22 23)

23 22 23 13-0001 Simplex Condensate Pumps And Motors (23 22 23 13)
Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,369.99	479.56
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,127.96	492.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0005	EA		15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,264.36	525.72
23 22 23 13-0006	EA		22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,626.96	531.38
23 22 23 13-0007	EA		30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,063.40	578.48
23 22 23 13-0008	EA		37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,156.62	578.48
23 22 23 13-0009	EA		45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,237.81	618.05
23 22 23 13-0010	EA		60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	7,681.77	646.31
23 22 23 13-0011	EA		75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	7,745.78	674.58
23 22 23 13-0012			30 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0013	EA		3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,745.79	512.53
23 22 23 13-0014	EA		9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,673.36	525.72
23 22 23 13-0015	EA		15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,804.97	560.58
23 22 23 13-0016	EA		22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,428.34	605.80
23 22 23 13-0017	EA		30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	6,237.81	619.00
23 22 23 13-0018	EA		45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	6,407.11	640.66
23 22 23 13-0019	EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	6,591.94	674.58
23 22 23 13-0020	EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	7,690.36	717.91
23 22 23 13-0021			40 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0022	EA		3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	3,050.05	587.90
23 22 23 13-0023	EA		9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	3,952.68	635.00
23 22 23 13-0024	EA		22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,680.77	627.47
23 22 23 13-0025	EA		30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	6,373.86	640.66
23 22 23 13-0026	EA		45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	6,499.39	667.99
23 22 23 13-0027	EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	7,745.78	674.58
23 22 23 13-0028	EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	7,831.69	717.91
23 22 23 13-0029			50 PSI Discharge Pressure (23 22 23 13-0001)		
23 22 23 13-0030	EA		3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	6,061.57	636.90
23 22 23 13-0031	EA		9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,264.13	650.09
23 22 23 13-0032	EA		22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,960.93	654.80
23 22 23 13-0033	EA		30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	6,583.63	712.26
23 22 23 13-0034	EA		60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	10,623.74	767.85
23 22 23 13-0035			Duplex Condensate Pumps And Motors (23 22 23 13)		
			Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036			20 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0037	EA		9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,009.36	643.49
23 22 23 13-0038	EA		15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,232.56	706.62
23 22 23 13-0039	EA		22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,664.99	712.26
23 22 23 13-0040	EA		30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,225.89	776.32
23 22 23 13-0041	EA		37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	7,485.37	776.32
23 22 23 13-0042	EA		45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	7,598.37	836.63
23 22 23 13-0043	EA		60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	9,078.09	873.37
23 22 23 13-0044	EA		75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	9,288.67	916.71
23 22 23 13-0045			30 PSI Discharge Pressure (23 22 23 13-0035)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 22 Steam And Condensate Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,288.46	693.42
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,516.13	757.49
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,114.77	738.64
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,598.37	836.63
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,810.08	867.72
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	8,956.15	916.71
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	9,387.60	982.66
23 22 23 13-0053		40 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,695.63	817.78
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,323.15	854.53
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,830.03	867.72
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	8,042.29	911.06
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	9,290.34	916.71
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	9,427.51	982.66
23 22 23 13-0060		50 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,971.62	817.78
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,435.67	898.81
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	8,181.11	976.07
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	14,646.41	1,057.09
23 22 23 13-0065		Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC <small>(23 22 23 13)</small>		
		Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	2,348.38	479.56
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	2,441.31	492.75
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	2,966.75	525.72
23 22 23 33		Steam Positive Displacement Pump <small>(23 22 23)</small>		
		Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	4,070.16	479.56
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	7,720.06	492.75
23 23		Refrigerant Piping <small>(23 20)</small>		
23 23 13		Refrigerant Piping Valves <small>(23 23)</small>		
23 23 13 00-0001		Ball Valves <small>(23 23 13)</small>		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series <small>(23 23 13 00-0001)</small>		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	38.82	10.22
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	40.46	10.22
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	51.38	10.22
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	68.88	11.25
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	94.29	12.79
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	151.26	15.75
23 23 13 00-0009		Shut-Off Valves <small>(23 23 13)</small>		
23 23 13 00-0010		Packless <small>(23 23 13 00-0009)</small>		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	46.46	10.64
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	57.22	11.67
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	113.27	15.96
23 23 13 00-0014		Packed <small>(23 23 13 00-0009)</small>		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	198.59	23.22
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	264.11	28.44
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	320.38	32.02
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	453.05	36.53

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include items like Refrigeration Valves, Check Valves, Solenoid Valves, Refrigerant Piping Specialties, and various fittings.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 23 Refrigerant Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 23 16 00-0034		90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)			
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union.....	21.48		11.05
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union.....	21.48		11.05
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union.....	25.19		11.05
23 23 16 00-0038		Brass Flare Tees (23 23 16 00-0029)			
23 23 16 00-0039	EA	3/8" Brass Flare Tee	33.96		18.41
23 23 16 00-0040	EA	1/2" Brass Flare Tee	35.62		18.41
23 23 16 00-0041	EA	5/8" Brass Flare Tee	44.63		18.41
23 23 16 00-0042		Male Connector, Half Brass Flare Unions (23 23 16 00-0029)			
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	17.76		11.05
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	18.87		11.05
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	20.45		11.05
23 23 16 00-0046		Female Connector, Half Brass Flare Unions (23 23 16 00-0029)			
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	19.19		11.05
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	20.69		11.05
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	20.69		11.05
23 23 16 00-0050		Long Forged Nuts (23 23 16 00-0029)			
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut.....	18.44		11.05
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut.....	18.87		11.05
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut.....	23.69		11.05
23 23 16 00-0054		Short Forged Nuts (23 23 16 00-0029)			
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	17.81		11.05
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	18.81		11.05
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	19.02		11.05
23 23 16 00-0058		ACR Wrought Copper Fittings (23 23 16 00-0028)			
		Note: Soldered.			
23 23 16 00-0059		ACR Wrought Copper Coupling (23 23 16 00-0058)			
		Note: C x C			
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling.....	17.51		11.05
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling.....	17.33		11.05
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling.....	17.59		11.05
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling.....	18.27		11.56
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling.....	25.29		15.25
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling.....	25.25		15.65
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling.....	32.73		19.44
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling.....	46.24		26.60
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling.....	55.23		31.21
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling.....	70.71		37.85
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling.....	117.72		57.50
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling.....	156.37		75.60
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling.....	232.42		89.82
23 23 16 00-0073		ACR Wrought Copper Short Radius 90 Degree Elbows (23 23 16 00-0058)			
		Note: C x C			
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	19.89		11.05
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	20.06		11.05
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow.....	19.89		11.05
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	21.36		11.56
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	30.15		15.25
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	30.64		15.65
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	38.74		19.44
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	49.71		26.60
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	62.14		31.21
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	84.58		37.85
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	141.97		57.50
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	183.50		75.60
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	314.13		89.82
23 23 16 00-0087		ACR Wrought Copper Long Radius 90 Degree Elbows (23 23 16 00-0058)			
		Note: C x C			
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	22.86		11.05
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	21.29		11.05
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	22.53		11.05
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	22.79		11.56
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	28.39		15.25
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	30.45		15.65
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	40.39		19.44
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	58.19		26.60
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	71.40		31.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 23 16 00-0223			Accumulator, Refrigerant Suction Line (23 23 16)		
23 23 16 00-0224	EA		3/4" Accumulator, Refrigeration Suction Line	144.44	42.86
23 23 16 00-0225	EA		7/8" Accumulator, Refrigeration Suction Line	196.28	58.88
23 23 16 00-0226	EA		1-1/8" Accumulator, Refrigeration Suction Line	239.21	78.48
23 23 16 00-0227	EA		1 3/8" Accumulator, Refrigeration Suction Line	326.89	94.21
23 23 16 00-0228	EA		1-5/8" Accumulator, Refrigeration Suction Line	443.06	117.77
23 23 16 00-0229	EA		2-1/8" Accumulator, Refrigeration Suction Line	660.11	157.06

23 23 16 00-0230			Special Chemicals/Component (23 23 16)		
23 23 16 00-0231	GAL		Special Chemical, Inhibited Propylene Glycol, 100%	24.58	
23 23 16 00-0232	GAL		Removal And Storage For Reuse Of Inhibited Propylene Glycol.....	7.31	
23 23 16 00-0233	GAL		Special Chemical, Inhibited Ethylene Glycol, 100%.....	16.96	
23 23 16 00-0234	EA		Internal Coil/Refrigerant Piping Flush	233.51	
			Note: Up to 10 ton AC system.		

23 23 23 Refrigerants (23 23)

23 23 23 00-0001			Refrigerant (23 23 23)		
23 23 23 00-0002	LB		R-113 Refrigerant	24.82	
23 23 23 00-0003	LB		R-123 Refrigerant	18.21	
23 23 23 00-0004	LB		R-134A Refrigerant.....	6.49	
23 23 23 00-0005	LB		R-404A Refrigerant.....	11.61	
23 23 23 00-0006	LB		R-407C Refrigerant.....	11.49	
23 23 23 00-0007	LB		R-408A Refrigerant.....	26.19	
23 23 23 00-0008	LB		R-410A Refrigerant.....	11.26	
23 23 23 00-0009	LB		R-500 Refrigerant	22.25	
23 23 23 00-0010	LB		R-507 Refrigerant	7.16	

23 25 HVAC Water Treatment (23 20)
23 25 13 Water Treatment For Closed-Loop Hydronic Systems (23 25)

23 25 13 00-0001			Polyethylene Chemical Storage Tanks (23 25 13)		
23 25 13 00-0002	EA		15 Gallon Chemical Storage Tank, Polyethylene.....	236.79	78.68
23 25 13 00-0003			Gas Chlorinator (23 25 13)		
23 25 13 00-0004	EA		Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,066.09	357.95
			For Booster Pump, Add	406.94	
23 25 13 00-0005	EA		Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,217.90	409.09
			For Booster Pump, Add	465.14	
23 25 13 00-0006	EA		Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,702.87	309.88
			For Booster Pump, Add	573.11	
23 25 13 00-0007			Bypass Shot Feeders (23 25 13)		
			Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
23 25 13 00-0008			In Line Mount, 125 PSIG (23 25 13 00-0007)		
23 25 13 00-0009	EA		1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG.....	953.61	266.62
23 25 13 00-0010			Floor Mount, 175 PSIG (23 25 13 00-0007)		
23 25 13 00-0011	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,399.73	401.35
23 25 13 00-0012	EA		12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,844.72	531.38
23 25 13 00-0013			Floor Mount, 150 LB ASME Code (23 25 13 00-0007)		
23 25 13 00-0014	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,399.73	401.35
23 25 13 00-0015	EA		10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,844.72	531.38
23 25 13 00-0016			Floor Mount, 300 LB ASME Code (23 25 13 00-0007)		
23 25 13 00-0017	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,784.44	401.35
23 25 13 00-0018	EA		10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,244.19	531.38

23 30 HVAC Air Distribution (23)
23 31 HVAC Ducts And Casings (23 30)

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0409 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts (23 31)
23 31 13 13 Rectangular Metal Ducts (23 31 13)

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0001	Steel Sheet Metal Duct <small>(23 31 13 13)</small> Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.		
23 31 13 13-0002	Galvanized Steel Sheet Metal Ductwork <small>(23 31 13 13-0001)</small> Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF		
23 31 13 13-0003	LB 2" WG And Less (Class C), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	10.08	2.76
	For Polyvinyl Chloride (PVC) Coated, Add	0.32	
	For Up To 200, Add	3.50	
	For >200 To 500, Add	2.21	
	For >500 To 1,000, Add	1.52	
	For >1,000 To 2,000, Add	0.85	
	For >2,000 To 5,000, Add	0.39	
	For Work In Restricted Working Space, Add	2.55	
	For Elevated Installation >10' To 15', Add	0.51	
	For Elevated Installation >15' To 20', Add	1.02	
	For Elevated Installation >20' To 25', Add	1.27	
	For Elevated Installation >25' To 30', Add	1.78	
	For Elevated Installation >30' To 35', Add	2.04	
	For Elevated Installation >35' To 40', Add	2.55	
	For Elevated Installation >40', Add	2.80	
23 31 13 13-0004	LB 3" WG (Class B), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	11.36	2.76
	For Polyvinyl Chloride (PVC) Coated, Add	0.32	
	For Up To 200, Add	3.89	
	For >200 To 500, Add	2.44	
	For >500 To 1,000, Add	1.70	
	For >1,000 To 2,000, Add	0.96	
	For >2,000 To 5,000, Add	0.44	
	For Work In Restricted Working Space, Add	2.93	
	For Elevated Installation >10' To 15', Add	0.59	
	For Elevated Installation >15' To 20', Add	1.17	
	For Elevated Installation >20' To 25', Add	1.47	
	For Elevated Installation >25' To 30', Add	2.05	
	For Elevated Installation >30' To 35', Add	2.34	
	For Elevated Installation >35' To 40', Add	2.93	
	For Elevated Installation >40', Add	3.22	
23 31 13 13-0005	LB 4" Or 6" WG (Class A), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	13.49	2.76
	For Polyvinyl Chloride (PVC) Coated, Add	0.32	
	For Up To 200, Add	4.52	
	For >200 To 500, Add	2.83	
	For >500 To 1,000, Add	2.00	
	For >1,000 To 2,000, Add	1.13	
	For >2,000 To 5,000, Add	0.52	
	For Work In Restricted Working Space, Add	3.57	
	For Elevated Installation >10' To 15', Add	0.71	
	For Elevated Installation >15' To 20', Add	1.43	
	For Elevated Installation >20' To 25', Add	1.79	
	For Elevated Installation >25' To 30', Add	2.50	
	For Elevated Installation >30' To 35', Add	2.86	
	For Elevated Installation >35' To 40', Add	3.57	
	For Elevated Installation >40', Add	3.93	
23 31 13 13-0006	Alloy 3003-H14, Aluminum Sheet Metal Ductwork <small>(23 31 13 13-0001)</small> Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge - 0.901 LB/SF; 12 gauge - 0.141 LB/SF		
23 31 13 13-0007	LB 2" WG And Less (Class C), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	19.69	2.76
	For Work In Restricted Working Space, Add	5.04	
	For Up To 200, Add	6.78	
	For >200 To 500, Add	4.27	
	For >500 To 1,000, Add	2.96	
	For >1,000 To 2,000, Add	1.66	
	For >2,000 To 5,000, Add	0.76	
	For Elevated Installation >10' To 15', Add	1.01	
	For Elevated Installation >15' To 20', Add	2.01	
	For Elevated Installation >20' To 25', Add	2.52	
	For Elevated Installation >25' To 30', Add	3.53	
	For Elevated Installation >30' To 35', Add	4.03	
	For Elevated Installation >35' To 40', Add	5.04	
	For Elevated Installation >40', Add	5.54	
23 31 13 13-0008	LB 3" WG (Class B), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	22.20	2.76
	For Work In Restricted Working Space, Add	5.79	
	For Up To 200, Add	7.53	
	For >200 To 500, Add	4.72	
	For >500 To 1,000, Add	3.31	
	For >1,000 To 2,000, Add	1.86	
	For >2,000 To 5,000, Add	0.86	
	For Elevated Installation >10' To 15', Add	1.16	
	For Elevated Installation >15' To 20', Add	2.32	
	For Elevated Installation >20' To 25', Add	2.90	
	For Elevated Installation >25' To 30', Add	4.05	
	For Elevated Installation >30' To 35', Add	4.63	
	For Elevated Installation >35' To 40', Add	5.79	
	For Elevated Installation >40', Add	6.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0009	LB		4" Or 6" WG (Class A), Alloy 3003-H14, Aluminum Sheet Metal Ductwork 26.40		2.76
			<i>For Work In Restricted Working Space, Add</i>	7.05	
			<i>For Up To 200, Add</i>	8.79	
			<i>For >200 To 500, Add</i>	5.48	
			<i>For >500 To 1,000, Add</i>	3.90	
			<i>For >1,000 To 2,000, Add</i>	2.20	
			<i>For >2,000 To 5,000, Add</i>	1.03	
			<i>For Elevated Installation >10' To 15', Add</i>	1.41	
			<i>For Elevated Installation >15' To 20', Add</i>	2.82	
			<i>For Elevated Installation >20' To 25', Add</i>	3.53	
			<i>For Elevated Installation >25' To 30', Add</i>	4.94	
			<i>For Elevated Installation >30' To 35', Add</i>	5.64	
			<i>For Elevated Installation >35' To 40', Add</i>	7.05	
			<i>For Elevated Installation >40', Add</i>	7.76	
23 31 13 13-0010			Type 304, Stainless Steel Sheet Metal Ductwork <small>(23 31 13 13-0001)</small>		
			Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge - 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge - 3.154 LB/SF; 12 gauge - 4.427 LB/SF		
23 31 13 13-0011	LB		2" WG And Less (Class C), Type 304, Stainless Steel Sheet Metal Ductwork 14.03		3.67
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Welded Seams, Add</i>	5.35	
			<i>For Up To 200, Add</i>	5.32	
			<i>For >200 To 500, Add</i>	3.45	
			<i>For >500 To 1,000, Add</i>	2.22	
			<i>For >1,000 To 2,000, Add</i>	1.23	
			<i>For >2,000 To 5,000, Add</i>	0.52	
			<i>For Elevated Installation >10' To 15', Add</i>	0.62	
			<i>For Elevated Installation >15' To 20', Add</i>	1.24	
			<i>For Elevated Installation >20' To 25', Add</i>	1.55	
			<i>For Elevated Installation >25' To 30', Add</i>	2.17	
			<i>For Elevated Installation >30' To 35', Add</i>	2.48	
			<i>For Elevated Installation >35' To 40', Add</i>	3.10	
			<i>For Elevated Installation >40', Add</i>	3.41	
23 31 13 13-0012	LB		3" WG (Class B), Type 304, Stainless Steel Sheet Metal Ductwork 16.15		3.67
			<i>For Work In Restricted Working Space, Add</i>	3.73	
			<i>For Welded Seams, Add</i>	6.41	
			<i>For Up To 200, Add</i>	5.96	
			<i>For >200 To 500, Add</i>	3.83	
			<i>For >500 To 1,000, Add</i>	2.52	
			<i>For >1,000 To 2,000, Add</i>	1.40	
			<i>For >2,000 To 5,000, Add</i>	0.61	
			<i>For Elevated Installation >10' To 15', Add</i>	0.75	
			<i>For Elevated Installation >15' To 20', Add</i>	1.49	
			<i>For Elevated Installation >20' To 25', Add</i>	1.87	
			<i>For Elevated Installation >25' To 30', Add</i>	2.61	
			<i>For Elevated Installation >30' To 35', Add</i>	2.99	
			<i>For Elevated Installation >35' To 40', Add</i>	3.73	
			<i>For Elevated Installation >40', Add</i>	4.11	
23 31 13 13-0013	LB		4" Or 6" WG (Class A), Type 304, Stainless Steel Sheet Metal Ductwork 18.15		3.67
			<i>For Work In Restricted Working Space, Add</i>	4.33	
			<i>For Welded Seams, Add</i>	7.41	
			<i>For Up To 200, Add</i>	6.56	
			<i>For >200 To 500, Add</i>	4.19	
			<i>For >500 To 1,000, Add</i>	2.80	
			<i>For >1,000 To 2,000, Add</i>	1.56	
			<i>For >2,000 To 5,000, Add</i>	0.69	
			<i>For Elevated Installation >10' To 15', Add</i>	0.87	
			<i>For Elevated Installation >15' To 20', Add</i>	1.73	
			<i>For Elevated Installation >20' To 25', Add</i>	2.17	
			<i>For Elevated Installation >25' To 30', Add</i>	3.03	
			<i>For Elevated Installation >30' To 35', Add</i>	3.47	
			<i>For Elevated Installation >35' To 40', Add</i>	4.33	
			<i>For Elevated Installation >40', Add</i>	4.77	
23 31 13 13-0014			Galvanized Steel Sheet Metal Ductwork By LF <small>(23 31 13 13-0001)</small>		
			Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0015			30 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0016	LF		4" x 4", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork 5.24		2.66
			<i>For 3" WG (Class B), Add</i>	0.66	
			<i>For 4" Or 6" WG (Class A), Add</i>	1.41	
			<i>For 10" WG (Class A), Add</i>	2.03	
			<i>For Work In Restricted Working Space, Add</i>	1.33	
23 31 13 13-0017	LF		4" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork 6.56		3.32
			<i>For 3" WG (Class B), Add</i>	0.83	
			<i>For 4" Or 6" WG (Class A), Add</i>	1.77	
			<i>For 10" WG (Class A), Add</i>	2.54	
			<i>For Work In Restricted Working Space, Add</i>	1.66	
23 31 13 13-0018	LF		4" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork 7.87		3.98
			<i>For 3" WG (Class B), Add</i>	0.99	
			<i>For 4" Or 6" WG (Class A), Add</i>	2.12	
			<i>For 10" WG (Class A), Add</i>	3.05	
			<i>For Work In Restricted Working Space, Add</i>	1.99	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0019	LF	4" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	9.18	4.64
		For 3" WG (Class B), Add	1.16	
		For 4" Or 6" WG (Class A), Add	2.48	
		For 10" WG (Class A), Add	3.56	
		For Work In Restricted Working Space, Add	2.32	
23 31 13 13-0020	LF	4" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.50	5.30
		For 3" WG (Class B), Add	1.33	
		For 4" Or 6" WG (Class A), Add	2.83	
		For 10" WG (Class A), Add	4.07	
		For Work In Restricted Working Space, Add	2.66	
23 31 13 13-0021	LF	4" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.80	5.97
		For 3" WG (Class B), Add	1.49	
		For 4" Or 6" WG (Class A), Add	3.18	
		For 10" WG (Class A), Add	4.58	
		For Work In Restricted Working Space, Add	2.99	
23 31 13 13-0022	LF	4" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.11	6.63
		For 3" WG (Class B), Add	1.66	
		For 4" Or 6" WG (Class A), Add	3.54	
		For 10" WG (Class A), Add	5.09	
		For Work In Restricted Working Space, Add	3.32	
23 31 13 13-0023	LF	6" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	7.87	3.98
		For 3" WG (Class B), Add	0.99	
		For 4" Or 6" WG (Class A), Add	2.12	
		For 10" WG (Class A), Add	3.05	
		For Work In Restricted Working Space, Add	1.99	
23 31 13 13-0024	LF	6" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	9.18	4.64
		For 3" WG (Class B), Add	1.16	
		For 4" Or 6" WG (Class A), Add	2.48	
		For 10" WG (Class A), Add	3.56	
		For Work In Restricted Working Space, Add	2.32	
23 31 13 13-0025	LF	6" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.50	5.30
		For 3" WG (Class B), Add	1.33	
		For 4" Or 6" WG (Class A), Add	2.83	
		For 10" WG (Class A), Add	4.07	
		For Work In Restricted Working Space, Add	2.66	
23 31 13 13-0026	LF	6" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.80	5.97
		For 3" WG (Class B), Add	1.49	
		For 4" Or 6" WG (Class A), Add	3.18	
		For 10" WG (Class A), Add	4.58	
		For Work In Restricted Working Space, Add	2.99	
23 31 13 13-0027	LF	6" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.11	6.63
		For 3" WG (Class B), Add	1.66	
		For 4" Or 6" WG (Class A), Add	3.54	
		For 10" WG (Class A), Add	5.09	
		For Work In Restricted Working Space, Add	3.32	
23 31 13 13-0028	LF	6" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.42	7.30
		For 3" WG (Class B), Add	1.82	
		For 4" Or 6" WG (Class A), Add	3.89	
		For 10" WG (Class A), Add	5.59	
		For Work In Restricted Working Space, Add	3.65	
23 31 13 13-0029	LF	8" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.50	5.30
		For 3" WG (Class B), Add	1.33	
		For 4" Or 6" WG (Class A), Add	2.83	
		For 10" WG (Class A), Add	4.07	
		For Work In Restricted Working Space, Add	2.66	
23 31 13 13-0030	LF	8" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.80	5.97
		For 3" WG (Class B), Add	1.49	
		For 4" Or 6" WG (Class A), Add	3.18	
		For 10" WG (Class A), Add	4.58	
		For Work In Restricted Working Space, Add	2.99	
23 31 13 13-0031	LF	8" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.11	6.63
		For 3" WG (Class B), Add	1.66	
		For 4" Or 6" WG (Class A), Add	3.54	
		For 10" WG (Class A), Add	5.09	
		For Work In Restricted Working Space, Add	3.32	
23 31 13 13-0032	LF	8" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.42	7.30
		For 3" WG (Class B), Add	1.82	
		For 4" Or 6" WG (Class A), Add	3.89	
		For 10" WG (Class A), Add	5.59	
		For Work In Restricted Working Space, Add	3.65	
23 31 13 13-0033	LF	8" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	15.73	7.96
		For 3" WG (Class B), Add	1.99	
		For 4" Or 6" WG (Class A), Add	4.25	
		For 10" WG (Class A), Add	6.10	
		For Work In Restricted Working Space, Add	3.98	
23 31 13 13-0034	LF	8" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.04	8.63
		For 3" WG (Class B), Add	2.16	
		For 4" Or 6" WG (Class A), Add	4.60	
		For 10" WG (Class A), Add	6.61	
		For Work In Restricted Working Space, Add	4.31	
23 31 13 13-0035	LF	8" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.36	9.29
		For 3" WG (Class B), Add	2.32	
		For 4" Or 6" WG (Class A), Add	4.95	
		For 10" WG (Class A), Add	7.12	
		For Work In Restricted Working Space, Add	4.64	
23 31 13 13-0036	LF	8" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.68	9.95
		For 3" WG (Class B), Add	2.49	
		For 4" Or 6" WG (Class A), Add	5.31	
		For 10" WG (Class A), Add	7.63	
		For Work In Restricted Working Space, Add	4.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0037	LF	8" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.98	10.62	
		For 3" WG (Class B), Add	2.65		
		For 4" Or 6" WG (Class A), Add	5.66		
		For 10" WG (Class A), Add	8.14		
		For Work In Restricted Working Space, Add	5.31		
23 31 13 13-0038	LF	10" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.11	6.63	
		For 3" WG (Class B), Add	1.66		
		For 4" Or 6" WG (Class A), Add	3.54		
		For 10" WG (Class A), Add	5.09		
		For Work In Restricted Working Space, Add	3.32		
23 31 13 13-0039	LF	10" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.42	7.30	
		For 3" WG (Class B), Add	1.82		
		For 4" Or 6" WG (Class A), Add	3.89		
		For 10" WG (Class A), Add	5.59		
		For Work In Restricted Working Space, Add	3.65		
23 31 13 13-0040	LF	10" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	15.73	7.96	
		For 3" WG (Class B), Add	1.99		
		For 4" Or 6" WG (Class A), Add	4.25		
		For 10" WG (Class A), Add	6.10		
		For Work In Restricted Working Space, Add	3.98		
23 31 13 13-0041	LF	10" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.04	8.63	
		For 3" WG (Class B), Add	2.16		
		For 4" Or 6" WG (Class A), Add	4.60		
		For 10" WG (Class A), Add	6.61		
		For Work In Restricted Working Space, Add	4.31		
23 31 13 13-0042	LF	10" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.36	9.29	
		For 3" WG (Class B), Add	2.32		
		For 4" Or 6" WG (Class A), Add	4.95		
		For 10" WG (Class A), Add	7.12		
		For Work In Restricted Working Space, Add	4.64		
23 31 13 13-0043	LF	10" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.68	9.95	
		For 3" WG (Class B), Add	2.49		
		For 4" Or 6" WG (Class A), Add	5.31		
		For 10" WG (Class A), Add	7.63		
		For Work In Restricted Working Space, Add	4.98		
23 31 13 13-0044	LF	10" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.98	10.62	
		For 3" WG (Class B), Add	2.65		
		For 4" Or 6" WG (Class A), Add	5.66		
		For 10" WG (Class A), Add	8.14		
		For Work In Restricted Working Space, Add	5.31		
23 31 13 13-0045	LF	10" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.30	11.28	
		For 3" WG (Class B), Add	2.82		
		For 4" Or 6" WG (Class A), Add	6.02		
		For 10" WG (Class A), Add	8.65		
		For Work In Restricted Working Space, Add	5.64		
23 31 13 13-0046	LF	12" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	15.73	7.96	
		For 3" WG (Class B), Add	1.99		
		For 4" Or 6" WG (Class A), Add	4.25		
		For 10" WG (Class A), Add	6.10		
		For Work In Restricted Working Space, Add	3.98		
23 31 13 13-0047	LF	12" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.04	8.63	
		For 3" WG (Class B), Add	2.16		
		For 4" Or 6" WG (Class A), Add	4.60		
		For 10" WG (Class A), Add	6.61		
		For Work In Restricted Working Space, Add	4.31		
23 31 13 13-0048	LF	12" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.36	9.29	
		For 3" WG (Class B), Add	2.32		
		For 4" Or 6" WG (Class A), Add	4.95		
		For 10" WG (Class A), Add	7.12		
		For Work In Restricted Working Space, Add	4.64		
23 31 13 13-0049	LF	12" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.68	9.95	
		For 3" WG (Class B), Add	2.49		
		For 4" Or 6" WG (Class A), Add	5.31		
		For 10" WG (Class A), Add	7.63		
		For Work In Restricted Working Space, Add	4.98		
23 31 13 13-0050	LF	12" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.98	10.62	
		For 3" WG (Class B), Add	2.65		
		For 4" Or 6" WG (Class A), Add	5.66		
		For 10" WG (Class A), Add	8.14		
		For Work In Restricted Working Space, Add	5.31		
23 31 13 13-0051	LF	12" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.30	11.28	
		For 3" WG (Class B), Add	2.82		
		For 4" Or 6" WG (Class A), Add	6.02		
		For 10" WG (Class A), Add	8.65		
		For Work In Restricted Working Space, Add	5.64		
23 31 13 13-0052	LF	12" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.60	11.94	
		For 3" WG (Class B), Add	2.99		
		For 4" Or 6" WG (Class A), Add	6.37		
		For 10" WG (Class A), Add	9.15		
		For Work In Restricted Working Space, Add	5.97		
23 31 13 13-0053	LF	14" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.36	9.29	
		For 3" WG (Class B), Add	2.32		
		For 4" Or 6" WG (Class A), Add	4.95		
		For 10" WG (Class A), Add	7.12		
		For Work In Restricted Working Space, Add	4.64		
23 31 13 13-0054	LF	14" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.68	9.95	
		For 3" WG (Class B), Add	2.49		
		For 4" Or 6" WG (Class A), Add	5.31		
		For 10" WG (Class A), Add	7.63		
		For Work In Restricted Working Space, Add	4.98		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0055	LF 14" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.98	10.62
	For 3" WG (Class B), Add	2.65	
	For 4" Or 6" WG (Class A), Add	5.66	
	For 10" WG (Class A), Add	8.14	
	For Work In Restricted Working Space, Add	5.31	
23 31 13 13-0056	LF 14" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	22.30	11.28
	For 3" WG (Class B), Add	2.82	
	For 4" Or 6" WG (Class A), Add	6.02	
	For 10" WG (Class A), Add	8.65	
	For Work In Restricted Working Space, Add	5.64	
23 31 13 13-0057	LF 14" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.60	11.94
	For 3" WG (Class B), Add	2.99	
	For 4" Or 6" WG (Class A), Add	6.37	
	For 10" WG (Class A), Add	9.15	
	For Work In Restricted Working Space, Add	5.97	
23 31 13 13-0058	LF 14" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.92	12.60
	For 3" WG (Class B), Add	3.15	
	For 4" Or 6" WG (Class A), Add	6.72	
	For 10" WG (Class A), Add	9.66	
	For Work In Restricted Working Space, Add	6.30	
23 31 13 13-0059	LF 16" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.98	10.62
	For 3" WG (Class B), Add	2.65	
	For 4" Or 6" WG (Class A), Add	5.66	
	For 10" WG (Class A), Add	8.14	
	For Work In Restricted Working Space, Add	5.31	
23 31 13 13-0060	LF 16" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	22.30	11.28
	For 3" WG (Class B), Add	2.82	
	For 4" Or 6" WG (Class A), Add	6.02	
	For 10" WG (Class A), Add	8.65	
	For Work In Restricted Working Space, Add	5.64	
23 31 13 13-0061	LF 16" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.60	11.94
	For 3" WG (Class B), Add	2.99	
	For 4" Or 6" WG (Class A), Add	6.37	
	For 10" WG (Class A), Add	9.15	
	For Work In Restricted Working Space, Add	5.97	
23 31 13 13-0062	LF 16" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.92	12.60
	For 3" WG (Class B), Add	3.15	
	For 4" Or 6" WG (Class A), Add	6.72	
	For 10" WG (Class A), Add	9.66	
	For Work In Restricted Working Space, Add	6.30	
23 31 13 13-0063	LF 16" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.22	13.27
	For 3" WG (Class B), Add	3.32	
	For 4" Or 6" WG (Class A), Add	7.08	
	For 10" WG (Class A), Add	10.17	
	For Work In Restricted Working Space, Add	6.63	
23 31 13 13-0064	LF 18" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.60	11.94
	For 3" WG (Class B), Add	2.99	
	For 4" Or 6" WG (Class A), Add	6.37	
	For 10" WG (Class A), Add	9.15	
	For Work In Restricted Working Space, Add	5.97	
23 31 13 13-0065	LF 18" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.92	12.60
	For 3" WG (Class B), Add	3.15	
	For 4" Or 6" WG (Class A), Add	6.72	
	For 10" WG (Class A), Add	9.66	
	For Work In Restricted Working Space, Add	6.30	
23 31 13 13-0066	LF 18" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.22	13.27
	For 3" WG (Class B), Add	3.32	
	For 4" Or 6" WG (Class A), Add	7.08	
	For 10" WG (Class A), Add	10.17	
	For Work In Restricted Working Space, Add	6.63	
23 31 13 13-0067	LF 18" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.53	13.93
	For 3" WG (Class B), Add	3.48	
	For 4" Or 6" WG (Class A), Add	7.43	
	For 10" WG (Class A), Add	10.68	
	For Work In Restricted Working Space, Add	6.97	
23 31 13 13-0068	LF 20" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.22	13.27
	For 3" WG (Class B), Add	3.32	
	For 4" Or 6" WG (Class A), Add	7.08	
	For 10" WG (Class A), Add	10.17	
	For Work In Restricted Working Space, Add	6.63	
23 31 13 13-0069	LF 20" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.53	13.93
	For 3" WG (Class B), Add	3.48	
	For 4" Or 6" WG (Class A), Add	7.43	
	For 10" WG (Class A), Add	10.68	
	For Work In Restricted Working Space, Add	6.97	
23 31 13 13-0070	LF 20" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.86	14.59
	For 3" WG (Class B), Add	3.65	
	For 4" Or 6" WG (Class A), Add	7.79	
	For 10" WG (Class A), Add	11.19	
	For Work In Restricted Working Space, Add	7.30	
23 31 13 13-0071	LF 22" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.86	14.59
	For 3" WG (Class B), Add	3.65	
	For 4" Or 6" WG (Class A), Add	7.79	
	For 10" WG (Class A), Add	11.19	
	For Work In Restricted Working Space, Add	7.30	
23 31 13 13-0072	LF 22" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.16	15.26
	For 3" WG (Class B), Add	3.81	
	For 4" Or 6" WG (Class A), Add	8.14	
	For 10" WG (Class A), Add	11.70	
	For Work In Restricted Working Space, Add	7.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0073	LF	24" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork.....	31.47	15.92
			For 3" WG (Class B), Add	3.98	
			For 4" Or 6" WG (Class A), Add	8.49	
			For 10" WG (Class A), Add	12.20	
			For Work In Restricted Working Space, Add	7.96	
23 31 13	13-0074		28 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13	13-0075	LF	4" x 4", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	6.24	3.16
			For 3" WG (Class B), Add	0.79	
			For 4" Or 6" WG (Class A), Add	1.68	
			For 10" WG (Class A), Add	2.42	
			For Work In Restricted Working Space, Add	1.58	
23 31 13	13-0076	LF	4" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	7.81	3.95
			For 3" WG (Class B), Add	0.99	
			For 4" Or 6" WG (Class A), Add	2.11	
			For 10" WG (Class A), Add	3.03	
			For Work In Restricted Working Space, Add	1.97	
23 31 13	13-0077	LF	4" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	9.37	4.74
			For 3" WG (Class B), Add	1.19	
			For 4" Or 6" WG (Class A), Add	2.53	
			For 10" WG (Class A), Add	3.63	
			For Work In Restricted Working Space, Add	2.37	
23 31 13	13-0078	LF	4" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	10.93	5.53
			For 3" WG (Class B), Add	1.38	
			For 4" Or 6" WG (Class A), Add	2.95	
			For 10" WG (Class A), Add	4.24	
			For Work In Restricted Working Space, Add	2.77	
23 31 13	13-0079	LF	4" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	12.49	6.32
			For 3" WG (Class B), Add	1.58	
			For 4" Or 6" WG (Class A), Add	3.37	
			For 10" WG (Class A), Add	4.84	
			For Work In Restricted Working Space, Add	3.16	
23 31 13	13-0080	LF	4" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.05	7.11
			For 3" WG (Class B), Add	1.78	
			For 4" Or 6" WG (Class A), Add	3.79	
			For 10" WG (Class A), Add	5.45	
			For Work In Restricted Working Space, Add	3.56	
23 31 13	13-0081	LF	4" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	15.60	7.90
			For 3" WG (Class B), Add	1.97	
			For 4" Or 6" WG (Class A), Add	4.21	
			For 10" WG (Class A), Add	6.05	
			For Work In Restricted Working Space, Add	3.95	
23 31 13	13-0082	LF	6" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	9.37	4.74
			For 3" WG (Class B), Add	1.19	
			For 4" Or 6" WG (Class A), Add	2.53	
			For 10" WG (Class A), Add	3.63	
			For Work In Restricted Working Space, Add	2.37	
23 31 13	13-0083	LF	6" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	10.93	5.53
			For 3" WG (Class B), Add	1.38	
			For 4" Or 6" WG (Class A), Add	2.95	
			For 10" WG (Class A), Add	4.24	
			For Work In Restricted Working Space, Add	2.77	
23 31 13	13-0084	LF	6" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	12.49	6.32
			For 3" WG (Class B), Add	1.58	
			For 4" Or 6" WG (Class A), Add	3.37	
			For 10" WG (Class A), Add	4.84	
			For Work In Restricted Working Space, Add	3.16	
23 31 13	13-0085	LF	6" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.05	7.11
			For 3" WG (Class B), Add	1.78	
			For 4" Or 6" WG (Class A), Add	3.79	
			For 10" WG (Class A), Add	5.45	
			For Work In Restricted Working Space, Add	3.56	
23 31 13	13-0086	LF	6" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	15.60	7.90
			For 3" WG (Class B), Add	1.97	
			For 4" Or 6" WG (Class A), Add	4.21	
			For 10" WG (Class A), Add	6.05	
			For Work In Restricted Working Space, Add	3.95	
23 31 13	13-0087	LF	6" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	17.18	8.69
			For 3" WG (Class B), Add	2.17	
			For 4" Or 6" WG (Class A), Add	4.63	
			For 10" WG (Class A), Add	6.66	
			For Work In Restricted Working Space, Add	4.34	
23 31 13	13-0088	LF	8" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	12.49	6.32
			For 3" WG (Class B), Add	1.58	
			For 4" Or 6" WG (Class A), Add	3.37	
			For 10" WG (Class A), Add	4.84	
			For Work In Restricted Working Space, Add	3.16	
23 31 13	13-0089	LF	8" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.05	7.11
			For 3" WG (Class B), Add	1.78	
			For 4" Or 6" WG (Class A), Add	3.79	
			For 10" WG (Class A), Add	5.45	
			For Work In Restricted Working Space, Add	3.56	
23 31 13	13-0090	LF	8" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	15.60	7.90
			For 3" WG (Class B), Add	1.97	
			For 4" Or 6" WG (Class A), Add	4.21	
			For 10" WG (Class A), Add	6.05	
			For Work In Restricted Working Space, Add	3.95	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0091	LF		8" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	17.18	8.69
			For 3" WG (Class B), Add	2.17	
			For 4" Or 6" WG (Class A), Add	4.63	
			For 10" WG (Class A), Add	6.66	
			For Work In Restricted Working Space, Add	4.34	
23 31 13 13-0092	LF		8" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.73	9.48
			For 3" WG (Class B), Add	2.37	
			For 4" Or 6" WG (Class A), Add	5.05	
			For 10" WG (Class A), Add	7.26	
			For Work In Restricted Working Space, Add	4.74	
23 31 13 13-0093	LF		8" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.29	10.27
			For 3" WG (Class B), Add	2.57	
			For 4" Or 6" WG (Class A), Add	5.48	
			For 10" WG (Class A), Add	7.87	
			For Work In Restricted Working Space, Add	5.13	
23 31 13 13-0094	LF		8" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.86	11.06
			For 3" WG (Class B), Add	2.76	
			For 4" Or 6" WG (Class A), Add	5.90	
			For 10" WG (Class A), Add	8.48	
			For Work In Restricted Working Space, Add	5.53	
23 31 13 13-0095	LF		8" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.42	11.85
			For 3" WG (Class B), Add	2.96	
			For 4" Or 6" WG (Class A), Add	6.32	
			For 10" WG (Class A), Add	9.09	
			For Work In Restricted Working Space, Add	5.93	
23 31 13 13-0096	LF		8" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.99	12.64
			For 3" WG (Class B), Add	3.16	
			For 4" Or 6" WG (Class A), Add	6.74	
			For 10" WG (Class A), Add	9.69	
			For Work In Restricted Working Space, Add	6.32	
23 31 13 13-0097	LF		10" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	15.60	7.90
			For 3" WG (Class B), Add	1.97	
			For 4" Or 6" WG (Class A), Add	4.21	
			For 10" WG (Class A), Add	6.05	
			For Work In Restricted Working Space, Add	3.95	
23 31 13 13-0098	LF		10" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	17.18	8.69
			For 3" WG (Class B), Add	2.17	
			For 4" Or 6" WG (Class A), Add	4.63	
			For 10" WG (Class A), Add	6.66	
			For Work In Restricted Working Space, Add	4.34	
23 31 13 13-0099	LF		10" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.73	9.48
			For 3" WG (Class B), Add	2.37	
			For 4" Or 6" WG (Class A), Add	5.05	
			For 10" WG (Class A), Add	7.26	
			For Work In Restricted Working Space, Add	4.74	
23 31 13 13-0100	LF		10" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.29	10.27
			For 3" WG (Class B), Add	2.57	
			For 4" Or 6" WG (Class A), Add	5.48	
			For 10" WG (Class A), Add	7.87	
			For Work In Restricted Working Space, Add	5.13	
23 31 13 13-0101	LF		10" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.86	11.06
			For 3" WG (Class B), Add	2.76	
			For 4" Or 6" WG (Class A), Add	5.90	
			For 10" WG (Class A), Add	8.48	
			For Work In Restricted Working Space, Add	5.53	
23 31 13 13-0102	LF		10" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.42	11.85
			For 3" WG (Class B), Add	2.96	
			For 4" Or 6" WG (Class A), Add	6.32	
			For 10" WG (Class A), Add	9.09	
			For Work In Restricted Working Space, Add	5.93	
23 31 13 13-0103	LF		10" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.99	12.64
			For 3" WG (Class B), Add	3.16	
			For 4" Or 6" WG (Class A), Add	6.74	
			For 10" WG (Class A), Add	9.69	
			For Work In Restricted Working Space, Add	6.32	
23 31 13 13-0104	LF		10" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.53	13.43
			For 3" WG (Class B), Add	3.36	
			For 4" Or 6" WG (Class A), Add	7.16	
			For 10" WG (Class A), Add	10.29	
			For Work In Restricted Working Space, Add	6.71	
23 31 13 13-0105	LF		12" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.73	9.48
			For 3" WG (Class B), Add	2.37	
			For 4" Or 6" WG (Class A), Add	5.05	
			For 10" WG (Class A), Add	7.26	
			For Work In Restricted Working Space, Add	4.74	
23 31 13 13-0106	LF		12" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.29	10.27
			For 3" WG (Class B), Add	2.57	
			For 4" Or 6" WG (Class A), Add	5.48	
			For 10" WG (Class A), Add	7.87	
			For Work In Restricted Working Space, Add	5.13	
23 31 13 13-0107	LF		12" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.86	11.06
			For 3" WG (Class B), Add	2.76	
			For 4" Or 6" WG (Class A), Add	5.90	
			For 10" WG (Class A), Add	8.48	
			For Work In Restricted Working Space, Add	5.53	
23 31 13 13-0108	LF		12" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.42	11.85
			For 3" WG (Class B), Add	2.96	
			For 4" Or 6" WG (Class A), Add	6.32	
			For 10" WG (Class A), Add	9.09	
			For Work In Restricted Working Space, Add	5.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0109	LF	12" x 20"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.99	12.64
			For 3" WG (Class B), Add	3.16	
			For 4" Or 6" WG (Class A), Add	6.74	
			For 10" WG (Class A), Add	9.69	
			For Work In Restricted Working Space, Add	6.32	
23 31 13 13-0110	LF	12" x 22"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.53	13.43
			For 3" WG (Class B), Add	3.36	
			For 4" Or 6" WG (Class A), Add	7.16	
			For 10" WG (Class A), Add	10.29	
			For Work In Restricted Working Space, Add	6.71	
23 31 13 13-0111	LF	12" x 24"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.09	14.21
			For 3" WG (Class B), Add	3.55	
			For 4" Or 6" WG (Class A), Add	7.58	
			For 10" WG (Class A), Add	10.90	
			For Work In Restricted Working Space, Add	7.11	
23 31 13 13-0112	LF	14" x 14"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.86	11.06
			For 3" WG (Class B), Add	2.76	
			For 4" Or 6" WG (Class A), Add	5.90	
			For 10" WG (Class A), Add	8.48	
			For Work In Restricted Working Space, Add	5.53	
23 31 13 13-0113	LF	14" x 16"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.42	11.85
			For 3" WG (Class B), Add	2.96	
			For 4" Or 6" WG (Class A), Add	6.32	
			For 10" WG (Class A), Add	9.09	
			For Work In Restricted Working Space, Add	5.93	
23 31 13 13-0114	LF	14" x 18"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.99	12.64
			For 3" WG (Class B), Add	3.16	
			For 4" Or 6" WG (Class A), Add	6.74	
			For 10" WG (Class A), Add	9.69	
			For Work In Restricted Working Space, Add	6.32	
23 31 13 13-0115	LF	14" x 20"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.53	13.43
			For 3" WG (Class B), Add	3.36	
			For 4" Or 6" WG (Class A), Add	7.16	
			For 10" WG (Class A), Add	10.29	
			For Work In Restricted Working Space, Add	6.71	
23 31 13 13-0116	LF	14" x 22"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.09	14.21
			For 3" WG (Class B), Add	3.55	
			For 4" Or 6" WG (Class A), Add	7.58	
			For 10" WG (Class A), Add	10.90	
			For Work In Restricted Working Space, Add	7.11	
23 31 13 13-0117	LF	14" x 24"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.67	15.01
			For 3" WG (Class B), Add	3.75	
			For 4" Or 6" WG (Class A), Add	8.00	
			For 10" WG (Class A), Add	11.50	
			For Work In Restricted Working Space, Add	7.50	
23 31 13 13-0118	LF	16" x 16"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	24.99	12.64
			For 3" WG (Class B), Add	3.16	
			For 4" Or 6" WG (Class A), Add	6.74	
			For 10" WG (Class A), Add	9.69	
			For Work In Restricted Working Space, Add	6.32	
23 31 13 13-0119	LF	16" x 18"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.53	13.43
			For 3" WG (Class B), Add	3.36	
			For 4" Or 6" WG (Class A), Add	7.16	
			For 10" WG (Class A), Add	10.29	
			For Work In Restricted Working Space, Add	6.71	
23 31 13 13-0120	LF	16" x 20"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.09	14.21
			For 3" WG (Class B), Add	3.55	
			For 4" Or 6" WG (Class A), Add	7.58	
			For 10" WG (Class A), Add	10.90	
			For Work In Restricted Working Space, Add	7.11	
23 31 13 13-0121	LF	16" x 22"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.67	15.01
			For 3" WG (Class B), Add	3.75	
			For 4" Or 6" WG (Class A), Add	8.00	
			For 10" WG (Class A), Add	11.50	
			For Work In Restricted Working Space, Add	7.50	
23 31 13 13-0122	LF	16" x 24"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	31.23	15.79
			For 3" WG (Class B), Add	3.95	
			For 4" Or 6" WG (Class A), Add	8.43	
			For 10" WG (Class A), Add	12.11	
			For Work In Restricted Working Space, Add	7.90	
23 31 13 13-0123	LF	18" x 18"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.09	14.21
			For 3" WG (Class B), Add	3.55	
			For 4" Or 6" WG (Class A), Add	7.58	
			For 10" WG (Class A), Add	10.90	
			For Work In Restricted Working Space, Add	7.11	
23 31 13 13-0124	LF	18" x 20"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.67	15.01
			For 3" WG (Class B), Add	3.75	
			For 4" Or 6" WG (Class A), Add	8.00	
			For 10" WG (Class A), Add	11.50	
			For Work In Restricted Working Space, Add	7.50	
23 31 13 13-0125	LF	18" x 22"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	31.23	15.79
			For 3" WG (Class B), Add	3.95	
			For 4" Or 6" WG (Class A), Add	8.43	
			For 10" WG (Class A), Add	12.11	
			For Work In Restricted Working Space, Add	7.90	
23 31 13 13-0126	LF	18" x 24"	Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.79	16.59
			For 3" WG (Class B), Add	4.15	
			For 4" Or 6" WG (Class A), Add	8.85	
			For 10" WG (Class A), Add	12.72	
			For Work In Restricted Working Space, Add	8.30	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0127	LF 20" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	31.23	15.79
	For 3" WG (Class B), Add	3.95	
	For 4" Or 6" WG (Class A), Add	8.43	
	For 10" WG (Class A), Add	12.11	
	For Work In Restricted Working Space, Add	7.90	
23 31 13 13-0128	LF 20" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.79	16.59
	For 3" WG (Class B), Add	4.15	
	For 4" Or 6" WG (Class A), Add	8.85	
	For 10" WG (Class A), Add	12.72	
	For Work In Restricted Working Space, Add	8.30	
23 31 13 13-0129	LF 20" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.35	17.37
	For 3" WG (Class B), Add	4.34	
	For 4" Or 6" WG (Class A), Add	9.27	
	For 10" WG (Class A), Add	13.32	
	For Work In Restricted Working Space, Add	8.69	
23 31 13 13-0130	LF 22" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.35	17.37
	For 3" WG (Class B), Add	4.34	
	For 4" Or 6" WG (Class A), Add	9.27	
	For 10" WG (Class A), Add	13.32	
	For Work In Restricted Working Space, Add	8.69	
23 31 13 13-0131	LF 22" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	35.91	18.17
	For 3" WG (Class B), Add	4.54	
	For 4" Or 6" WG (Class A), Add	9.69	
	For 10" WG (Class A), Add	13.93	
	For Work In Restricted Working Space, Add	9.08	
23 31 13 13-0132	LF 24" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork.....	37.46	18.95
	For 3" WG (Class B), Add	4.74	
	For 4" Or 6" WG (Class A), Add	10.11	
	For 10" WG (Class A), Add	14.53	
	For Work In Restricted Working Space, Add	9.48	
23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)			
23 31 13 13-0134	LF 4" x 4", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	7.25	3.66
	For 3" WG (Class B), Add	0.92	
	For 4" Or 6" WG (Class A), Add	1.96	
	For 10" WG (Class A), Add	2.81	
	For Work In Restricted Working Space, Add	1.83	
23 31 13 13-0135	LF 4" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	9.06	4.58
	For 3" WG (Class B), Add	1.15	
	For 4" Or 6" WG (Class A), Add	2.44	
	For 10" WG (Class A), Add	3.51	
	For Work In Restricted Working Space, Add	2.29	
23 31 13 13-0136	LF 4" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	10.87	5.50
	For 3" WG (Class B), Add	1.38	
	For 4" Or 6" WG (Class A), Add	2.93	
	For 10" WG (Class A), Add	4.22	
	For Work In Restricted Working Space, Add	2.75	
23 31 13 13-0137	LF 4" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	12.68	6.42
	For 3" WG (Class B), Add	1.60	
	For 4" Or 6" WG (Class A), Add	3.42	
	For 10" WG (Class A), Add	4.92	
	For Work In Restricted Working Space, Add	3.21	
23 31 13 13-0138	LF 4" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.49	7.33
	For 3" WG (Class B), Add	1.83	
	For 4" Or 6" WG (Class A), Add	3.91	
	For 10" WG (Class A), Add	5.62	
	For Work In Restricted Working Space, Add	3.67	
23 31 13 13-0139	LF 4" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.29	8.24
	For 3" WG (Class B), Add	2.06	
	For 4" Or 6" WG (Class A), Add	4.40	
	For 10" WG (Class A), Add	6.32	
	For Work In Restricted Working Space, Add	4.12	
23 31 13 13-0140	LF 4" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.11	9.16
	For 3" WG (Class B), Add	2.29	
	For 4" Or 6" WG (Class A), Add	4.89	
	For 10" WG (Class A), Add	7.02	
	For Work In Restricted Working Space, Add	4.58	
23 31 13 13-0141	LF 6" x 6", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	10.87	5.50
	For 3" WG (Class B), Add	1.38	
	For 4" Or 6" WG (Class A), Add	2.93	
	For 10" WG (Class A), Add	4.22	
	For Work In Restricted Working Space, Add	2.75	
23 31 13 13-0142	LF 6" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	12.68	6.42
	For 3" WG (Class B), Add	1.60	
	For 4" Or 6" WG (Class A), Add	3.42	
	For 10" WG (Class A), Add	4.92	
	For Work In Restricted Working Space, Add	3.21	
23 31 13 13-0143	LF 6" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.49	7.33
	For 3" WG (Class B), Add	1.83	
	For 4" Or 6" WG (Class A), Add	3.91	
	For 10" WG (Class A), Add	5.62	
	For Work In Restricted Working Space, Add	3.67	
23 31 13 13-0144	LF 6" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.31	8.24
	For 3" WG (Class B), Add	2.06	
	For 4" Or 6" WG (Class A), Add	4.40	
	For 10" WG (Class A), Add	6.33	
	For Work In Restricted Working Space, Add	4.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0145	LF	6" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.11	9.16	
		For 3" WG (Class B), Add	2.29		
		For 4" Or 6" WG (Class A), Add	4.89		
		For 10" WG (Class A), Add	7.02		
		For Work In Restricted Working Space, Add	4.58		
23 31 13 13-0146	LF	6" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.93	10.07	
		For 3" WG (Class B), Add	2.52		
		For 4" Or 6" WG (Class A), Add	5.38		
		For 10" WG (Class A), Add	7.73		
		For Work In Restricted Working Space, Add	5.04		
23 31 13 13-0147	LF	8" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.49	7.33	
		For 3" WG (Class B), Add	1.83		
		For 4" Or 6" WG (Class A), Add	3.91		
		For 10" WG (Class A), Add	5.62		
		For Work In Restricted Working Space, Add	3.67		
23 31 13 13-0148	LF	8" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.31	8.24	
		For 3" WG (Class B), Add	2.06		
		For 4" Or 6" WG (Class A), Add	4.40		
		For 10" WG (Class A), Add	6.33		
		For Work In Restricted Working Space, Add	4.13		
23 31 13 13-0149	LF	8" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.11	9.17	
		For 3" WG (Class B), Add	2.29		
		For 4" Or 6" WG (Class A), Add	4.89		
		For 10" WG (Class A), Add	7.02		
		For Work In Restricted Working Space, Add	4.58		
23 31 13 13-0150	LF	8" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.93	10.07	
		For 3" WG (Class B), Add	2.52		
		For 4" Or 6" WG (Class A), Add	5.38		
		For 10" WG (Class A), Add	7.73		
		For Work In Restricted Working Space, Add	5.04		
23 31 13 13-0151	LF	8" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.74	10.99	
		For 3" WG (Class B), Add	2.75		
		For 4" Or 6" WG (Class A), Add	5.87		
		For 10" WG (Class A), Add	8.43		
		For Work In Restricted Working Space, Add	5.50		
23 31 13 13-0152	LF	8" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.54	11.91	
		For 3" WG (Class B), Add	2.98		
		For 4" Or 6" WG (Class A), Add	6.35		
		For 10" WG (Class A), Add	9.13		
		For Work In Restricted Working Space, Add	5.96		
23 31 13 13-0153	LF	8" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.35	12.82	
		For 3" WG (Class B), Add	3.21		
		For 4" Or 6" WG (Class A), Add	6.84		
		For 10" WG (Class A), Add	9.83		
		For Work In Restricted Working Space, Add	6.41		
23 31 13 13-0154	LF	8" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.17	13.74	
		For 3" WG (Class B), Add	3.44		
		For 4" Or 6" WG (Class A), Add	7.33		
		For 10" WG (Class A), Add	10.54		
		For Work In Restricted Working Space, Add	6.87		
23 31 13 13-0155	LF	8" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.99	14.65	
		For 3" WG (Class B), Add	3.67		
		For 4" Or 6" WG (Class A), Add	7.82		
		For 10" WG (Class A), Add	11.24		
		For Work In Restricted Working Space, Add	7.33		
23 31 13 13-0156	LF	10" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.11	9.17	
		For 3" WG (Class B), Add	2.29		
		For 4" Or 6" WG (Class A), Add	4.89		
		For 10" WG (Class A), Add	7.02		
		For Work In Restricted Working Space, Add	4.58		
23 31 13 13-0157	LF	10" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.92	10.07	
		For 3" WG (Class B), Add	2.52		
		For 4" Or 6" WG (Class A), Add	5.38		
		For 10" WG (Class A), Add	7.73		
		For Work In Restricted Working Space, Add	5.04		
23 31 13 13-0158	LF	10" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.74	10.99	
		For 3" WG (Class B), Add	2.75		
		For 4" Or 6" WG (Class A), Add	5.87		
		For 10" WG (Class A), Add	8.43		
		For Work In Restricted Working Space, Add	5.50		
23 31 13 13-0159	LF	10" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.54	11.91	
		For 3" WG (Class B), Add	2.98		
		For 4" Or 6" WG (Class A), Add	6.35		
		For 10" WG (Class A), Add	9.13		
		For Work In Restricted Working Space, Add	5.96		
23 31 13 13-0160	LF	10" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.35	12.82	
		For 3" WG (Class B), Add	3.21		
		For 4" Or 6" WG (Class A), Add	6.84		
		For 10" WG (Class A), Add	9.83		
		For Work In Restricted Working Space, Add	6.41		
23 31 13 13-0161	LF	10" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.17	13.74	
		For 3" WG (Class B), Add	3.44		
		For 4" Or 6" WG (Class A), Add	7.33		
		For 10" WG (Class A), Add	10.54		
		For Work In Restricted Working Space, Add	6.87		
23 31 13 13-0162	LF	10" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.99	14.65	
		For 3" WG (Class B), Add	3.67		
		For 4" Or 6" WG (Class A), Add	7.82		
		For 10" WG (Class A), Add	11.24		
		For Work In Restricted Working Space, Add	7.33		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0163	LF	10" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.79	15.58
			For 3" WG (Class B), Add	3.89	
			For 4" Or 6" WG (Class A), Add	8.31	
			For 10" WG (Class A), Add	11.94	
			For Work In Restricted Working Space, Add	7.79	
23 31	13 13-0164	LF	12" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	21.73	10.99
			For 3" WG (Class B), Add	2.75	
			For 4" Or 6" WG (Class A), Add	5.86	
			For 10" WG (Class A), Add	8.43	
			For Work In Restricted Working Space, Add	5.50	
23 31	13 13-0165	LF	12" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.54	11.91
			For 3" WG (Class B), Add	2.98	
			For 4" Or 6" WG (Class A), Add	6.35	
			For 10" WG (Class A), Add	9.13	
			For Work In Restricted Working Space, Add	5.96	
23 31	13 13-0166	LF	12" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.35	12.82
			For 3" WG (Class B), Add	3.21	
			For 4" Or 6" WG (Class A), Add	6.84	
			For 10" WG (Class A), Add	9.83	
			For Work In Restricted Working Space, Add	6.41	
23 31	13 13-0167	LF	12" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.17	13.74
			For 3" WG (Class B), Add	3.44	
			For 4" Or 6" WG (Class A), Add	7.33	
			For 10" WG (Class A), Add	10.54	
			For Work In Restricted Working Space, Add	6.87	
23 31	13 13-0168	LF	12" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.99	14.65
			For 3" WG (Class B), Add	3.67	
			For 4" Or 6" WG (Class A), Add	7.82	
			For 10" WG (Class A), Add	11.24	
			For Work In Restricted Working Space, Add	7.33	
23 31	13 13-0169	LF	12" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.79	15.58
			For 3" WG (Class B), Add	3.89	
			For 4" Or 6" WG (Class A), Add	8.31	
			For 10" WG (Class A), Add	11.94	
			For Work In Restricted Working Space, Add	7.79	
23 31	13 13-0170	LF	12" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.60	16.50
			For 3" WG (Class B), Add	4.12	
			For 4" Or 6" WG (Class A), Add	8.80	
			For 10" WG (Class A), Add	12.65	
			For Work In Restricted Working Space, Add	8.25	
23 31	13 13-0171	LF	14" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.35	12.82
			For 3" WG (Class B), Add	3.21	
			For 4" Or 6" WG (Class A), Add	6.84	
			For 10" WG (Class A), Add	9.83	
			For Work In Restricted Working Space, Add	6.41	
23 31	13 13-0172	LF	14" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.17	13.74
			For 3" WG (Class B), Add	3.44	
			For 4" Or 6" WG (Class A), Add	7.33	
			For 10" WG (Class A), Add	10.54	
			For Work In Restricted Working Space, Add	6.87	
23 31	13 13-0173	LF	14" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.99	14.65
			For 3" WG (Class B), Add	3.67	
			For 4" Or 6" WG (Class A), Add	7.82	
			For 10" WG (Class A), Add	11.24	
			For Work In Restricted Working Space, Add	7.33	
23 31	13 13-0174	LF	14" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.79	15.58
			For 3" WG (Class B), Add	3.89	
			For 4" Or 6" WG (Class A), Add	8.31	
			For 10" WG (Class A), Add	11.94	
			For Work In Restricted Working Space, Add	7.79	
23 31	13 13-0175	LF	14" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.60	16.50
			For 3" WG (Class B), Add	4.12	
			For 4" Or 6" WG (Class A), Add	8.80	
			For 10" WG (Class A), Add	12.65	
			For Work In Restricted Working Space, Add	8.25	
23 31	13 13-0176	LF	14" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.42	17.41
			For 3" WG (Class B), Add	4.35	
			For 4" Or 6" WG (Class A), Add	9.29	
			For 10" WG (Class A), Add	13.35	
			For Work In Restricted Working Space, Add	8.71	
23 31	13 13-0177	LF	16" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.99	14.65
			For 3" WG (Class B), Add	3.67	
			For 4" Or 6" WG (Class A), Add	7.82	
			For 10" WG (Class A), Add	11.24	
			For Work In Restricted Working Space, Add	7.33	
23 31	13 13-0178	LF	16" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.79	15.58
			For 3" WG (Class B), Add	3.89	
			For 4" Or 6" WG (Class A), Add	8.31	
			For 10" WG (Class A), Add	11.94	
			For Work In Restricted Working Space, Add	7.79	
23 31	13 13-0179	LF	16" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.60	16.50
			For 3" WG (Class B), Add	4.12	
			For 4" Or 6" WG (Class A), Add	8.80	
			For 10" WG (Class A), Add	12.65	
			For Work In Restricted Working Space, Add	8.25	
23 31	13 13-0180	LF	16" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.42	17.41
			For 3" WG (Class B), Add	4.35	
			For 4" Or 6" WG (Class A), Add	9.29	
			For 10" WG (Class A), Add	13.35	
			For Work In Restricted Working Space, Add	8.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0181	LF	16" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	36.22	18.33	
		For 3" WG (Class B), Add	4.58		
		For 4" Or 6" WG (Class A), Add	9.77		
		For 10" WG (Class A), Add	14.05		
		For Work In Restricted Working Space, Add	9.16		
23 31 13 13-0182	LF	18" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.60	16.50	
		For 3" WG (Class B), Add	4.12		
		For 4" Or 6" WG (Class A), Add	8.80		
		For 10" WG (Class A), Add	12.65		
		For Work In Restricted Working Space, Add	8.25		
23 31 13 13-0183	LF	18" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	34.42	17.41	
		For 3" WG (Class B), Add	4.35		
		For 4" Or 6" WG (Class A), Add	9.29		
		For 10" WG (Class A), Add	13.35		
		For Work In Restricted Working Space, Add	8.71		
23 31 13 13-0184	LF	18" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	36.22	18.33	
		For 3" WG (Class B), Add	4.58		
		For 4" Or 6" WG (Class A), Add	9.77		
		For 10" WG (Class A), Add	14.05		
		For Work In Restricted Working Space, Add	9.16		
23 31 13 13-0185	LF	18" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	38.03	19.24	
		For 3" WG (Class B), Add	4.81		
		For 4" Or 6" WG (Class A), Add	10.26		
		For 10" WG (Class A), Add	14.75		
		For Work In Restricted Working Space, Add	9.62		
23 31 13 13-0186	LF	20" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	36.22	18.33	
		For 3" WG (Class B), Add	4.58		
		For 4" Or 6" WG (Class A), Add	9.77		
		For 10" WG (Class A), Add	14.05		
		For Work In Restricted Working Space, Add	9.16		
23 31 13 13-0187	LF	20" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	38.03	19.24	
		For 3" WG (Class B), Add	4.81		
		For 4" Or 6" WG (Class A), Add	10.26		
		For 10" WG (Class A), Add	14.75		
		For Work In Restricted Working Space, Add	9.62		
23 31 13 13-0188	LF	20" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	39.84	20.16	
		For 3" WG (Class B), Add	5.04		
		For 4" Or 6" WG (Class A), Add	10.75		
		For 10" WG (Class A), Add	15.46		
		For Work In Restricted Working Space, Add	10.08		
23 31 13 13-0189	LF	22" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	39.84	20.16	
		For 3" WG (Class B), Add	5.04		
		For 4" Or 6" WG (Class A), Add	10.75		
		For 10" WG (Class A), Add	15.46		
		For Work In Restricted Working Space, Add	10.08		
23 31 13 13-0190	LF	22" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.67	21.08	
		For 3" WG (Class B), Add	5.27		
		For 4" Or 6" WG (Class A), Add	11.24		
		For 10" WG (Class A), Add	16.16		
		For Work In Restricted Working Space, Add	10.54		
23 31 13 13-0191	LF	24" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	43.47	21.99	
		For 3" WG (Class B), Add	5.50		
		For 4" Or 6" WG (Class A), Add	11.73		
		For 10" WG (Class A), Add	16.86		
		For Work In Restricted Working Space, Add	11.00		
23 31 13 13-0192		24 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>			
23 31 13 13-0193	LF	4" x 4", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	9.25	4.68	
		For 3" WG (Class B), Add	1.17		
		For 4" Or 6" WG (Class A), Add	2.50		
		For 10" WG (Class A), Add	3.59		
		For Work In Restricted Working Space, Add	2.34		
23 31 13 13-0194	LF	4" x 6", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	11.55	5.85	
		For 3" WG (Class B), Add	1.46		
		For 4" Or 6" WG (Class A), Add	3.12		
		For 10" WG (Class A), Add	4.48		
		For Work In Restricted Working Space, Add	2.92		
23 31 13 13-0195	LF	4" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	13.87	7.02	
		For 3" WG (Class B), Add	1.76		
		For 4" Or 6" WG (Class A), Add	3.74		
		For 10" WG (Class A), Add	5.38		
		For Work In Restricted Working Space, Add	3.51		
23 31 13 13-0196	LF	4" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	16.19	8.18	
		For 3" WG (Class B), Add	2.05		
		For 4" Or 6" WG (Class A), Add	4.37		
		For 10" WG (Class A), Add	6.28		
		For Work In Restricted Working Space, Add	4.10		
23 31 13 13-0197	LF	4" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	18.48	9.35	
		For 3" WG (Class B), Add	2.34		
		For 4" Or 6" WG (Class A), Add	4.99		
		For 10" WG (Class A), Add	7.17		
		For Work In Restricted Working Space, Add	4.67		
23 31 13 13-0198	LF	4" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	20.79	10.52	
		For 3" WG (Class B), Add	2.63		
		For 4" Or 6" WG (Class A), Add	5.61		
		For 10" WG (Class A), Add	8.06		
		For Work In Restricted Working Space, Add	5.26		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0199	LF	4" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.11	11.70
			For 3" WG (Class B), Add	2.92	
			For 4" Or 6" WG (Class A), Add	6.24	
			For 10" WG (Class A), Add	8.97	
			For Work In Restricted Working Space, Add	5.85	
23 31	13 13-0200	LF	6" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	13.87	7.02
			For 3" WG (Class B), Add	1.76	
			For 4" Or 6" WG (Class A), Add	3.74	
			For 10" WG (Class A), Add	5.38	
			For Work In Restricted Working Space, Add	3.51	
23 31	13 13-0201	LF	6" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.19	8.18
			For 3" WG (Class B), Add	2.05	
			For 4" Or 6" WG (Class A), Add	4.37	
			For 10" WG (Class A), Add	6.28	
			For Work In Restricted Working Space, Add	4.10	
23 31	13 13-0202	LF	6" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.48	9.35
			For 3" WG (Class B), Add	2.34	
			For 4" Or 6" WG (Class A), Add	4.99	
			For 10" WG (Class A), Add	7.17	
			For Work In Restricted Working Space, Add	4.67	
23 31	13 13-0203	LF	6" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.79	10.52
			For 3" WG (Class B), Add	2.63	
			For 4" Or 6" WG (Class A), Add	5.61	
			For 10" WG (Class A), Add	8.06	
			For Work In Restricted Working Space, Add	5.26	
23 31	13 13-0204	LF	6" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.11	11.70
			For 3" WG (Class B), Add	2.92	
			For 4" Or 6" WG (Class A), Add	6.24	
			For 10" WG (Class A), Add	8.97	
			For Work In Restricted Working Space, Add	5.85	
23 31	13 13-0205	LF	6" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.42	12.86
			For 3" WG (Class B), Add	3.21	
			For 4" Or 6" WG (Class A), Add	6.86	
			For 10" WG (Class A), Add	9.86	
			For Work In Restricted Working Space, Add	6.43	
23 31	13 13-0206	LF	8" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	18.48	9.35
			For 3" WG (Class B), Add	2.34	
			For 4" Or 6" WG (Class A), Add	4.99	
			For 10" WG (Class A), Add	7.17	
			For Work In Restricted Working Space, Add	4.67	
23 31	13 13-0207	LF	8" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	20.79	10.52
			For 3" WG (Class B), Add	2.63	
			For 4" Or 6" WG (Class A), Add	5.61	
			For 10" WG (Class A), Add	8.06	
			For Work In Restricted Working Space, Add	5.26	
23 31	13 13-0208	LF	8" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.11	11.70
			For 3" WG (Class B), Add	2.92	
			For 4" Or 6" WG (Class A), Add	6.24	
			For 10" WG (Class A), Add	8.97	
			For Work In Restricted Working Space, Add	5.85	
23 31	13 13-0209	LF	8" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.42	12.86
			For 3" WG (Class B), Add	3.21	
			For 4" Or 6" WG (Class A), Add	6.86	
			For 10" WG (Class A), Add	9.86	
			For Work In Restricted Working Space, Add	6.43	
23 31	13 13-0210	LF	8" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	27.73	14.03
			For 3" WG (Class B), Add	3.51	
			For 4" Or 6" WG (Class A), Add	7.48	
			For 10" WG (Class A), Add	10.75	
			For Work In Restricted Working Space, Add	7.01	
23 31	13 13-0211	LF	8" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.03	15.20
			For 3" WG (Class B), Add	3.80	
			For 4" Or 6" WG (Class A), Add	8.10	
			For 10" WG (Class A), Add	11.65	
			For Work In Restricted Working Space, Add	7.60	
23 31	13 13-0212	LF	8" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.35	16.37
			For 3" WG (Class B), Add	4.09	
			For 4" Or 6" WG (Class A), Add	8.73	
			For 10" WG (Class A), Add	12.55	
			For Work In Restricted Working Space, Add	8.18	
23 31	13 13-0213	LF	8" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.67	17.53
			For 3" WG (Class B), Add	4.38	
			For 4" Or 6" WG (Class A), Add	9.35	
			For 10" WG (Class A), Add	13.45	
			For Work In Restricted Working Space, Add	8.77	
23 31	13 13-0214	LF	8" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.97	18.71
			For 3" WG (Class B), Add	4.68	
			For 4" Or 6" WG (Class A), Add	9.97	
			For 10" WG (Class A), Add	14.34	
			For Work In Restricted Working Space, Add	9.35	
23 31	13 13-0215	LF	10" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.11	11.70
			For 3" WG (Class B), Add	2.92	
			For 4" Or 6" WG (Class A), Add	6.24	
			For 10" WG (Class A), Add	8.97	
			For Work In Restricted Working Space, Add	5.85	
23 31	13 13-0216	LF	10" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.42	12.86
			For 3" WG (Class B), Add	3.21	
			For 4" Or 6" WG (Class A), Add	6.86	
			For 10" WG (Class A), Add	9.86	
			For Work In Restricted Working Space, Add	6.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0217	LF	10" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	27.73 3.51 7.48 10.75 7.01	14.03
23 31 13	13-0218	LF	10" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	30.03 3.80 8.10 11.65 7.60	15.20
23 31 13	13-0219	LF	10" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	32.35 4.09 8.73 12.55 8.18	16.37
23 31 13	13-0220	LF	10" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	34.67 4.38 9.35 13.45 8.77	17.53
23 31 13	13-0221	LF	10" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	36.97 4.68 9.97 14.34 9.35	18.71
23 31 13	13-0222	LF	10" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	39.28 4.97 10.60 15.24 9.94	19.88
23 31 13	13-0223	LF	10" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	41.60 5.26 11.23 16.14 10.52	21.05
23 31 13	13-0224	LF	10" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	43.90 5.55 11.85 17.03 11.11	22.21
23 31 13	13-0225	LF	10" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	46.22 5.85 12.47 17.93 11.69	23.38
23 31 13	13-0226	LF	12" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	27.73 3.51 7.48 10.75 7.01	14.03
23 31 13	13-0227	LF	12" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	30.03 3.80 8.10 11.65 7.60	15.20
23 31 13	13-0228	LF	12" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	32.35 4.09 8.73 12.55 8.18	16.37
23 31 13	13-0229	LF	12" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	34.67 4.38 9.35 13.45 8.77	17.53
23 31 13	13-0230	LF	12" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	36.97 4.68 9.97 14.34 9.35	18.71
23 31 13	13-0231	LF	12" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	39.28 4.97 10.60 15.24 9.94	19.88
23 31 13	13-0232	LF	12" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	41.60 5.26 11.23 16.14 10.52	21.05
23 31 13	13-0233	LF	12" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	43.90 5.55 11.85 17.03 11.11	22.21
23 31 13	13-0234	LF	12" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	46.22 5.85 12.47 17.93 11.69	23.38

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0235	LF 12" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	48.53	24.55
	For 3" WG (Class B), Add	6.14	
	For 4" Or 6" WG (Class A), Add	13.09	
	For 10" WG (Class A), Add	18.82	
	For Work In Restricted Working Space, Add	12.28	
23 31 13 13-0236	LF 14" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	32.35	16.37
	For 3" WG (Class B), Add	4.09	
	For 4" Or 6" WG (Class A), Add	8.73	
	For 10" WG (Class A), Add	12.55	
	For Work In Restricted Working Space, Add	8.18	
23 31 13 13-0237	LF 14" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	34.67	17.53
	For 3" WG (Class B), Add	4.38	
	For 4" Or 6" WG (Class A), Add	9.35	
	For 10" WG (Class A), Add	13.45	
	For Work In Restricted Working Space, Add	8.77	
23 31 13 13-0238	LF 14" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.97	18.71
	For 3" WG (Class B), Add	4.68	
	For 4" Or 6" WG (Class A), Add	9.97	
	For 10" WG (Class A), Add	14.34	
	For Work In Restricted Working Space, Add	9.35	
23 31 13 13-0239	LF 14" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.28	19.88
	For 3" WG (Class B), Add	4.97	
	For 4" Or 6" WG (Class A), Add	10.60	
	For 10" WG (Class A), Add	15.24	
	For Work In Restricted Working Space, Add	9.94	
23 31 13 13-0240	LF 14" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	41.60	21.05
	For 3" WG (Class B), Add	5.26	
	For 4" Or 6" WG (Class A), Add	11.23	
	For 10" WG (Class A), Add	16.14	
	For Work In Restricted Working Space, Add	10.52	
23 31 13 13-0241	LF 14" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	43.90	22.21
	For 3" WG (Class B), Add	5.55	
	For 4" Or 6" WG (Class A), Add	11.85	
	For 10" WG (Class A), Add	17.03	
	For Work In Restricted Working Space, Add	11.11	
23 31 13 13-0242	LF 14" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.22	23.38
	For 3" WG (Class B), Add	5.85	
	For 4" Or 6" WG (Class A), Add	12.47	
	For 10" WG (Class A), Add	17.93	
	For Work In Restricted Working Space, Add	11.69	
23 31 13 13-0243	LF 14" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	48.53	24.55
	For 3" WG (Class B), Add	6.14	
	For 4" Or 6" WG (Class A), Add	13.09	
	For 10" WG (Class A), Add	18.82	
	For Work In Restricted Working Space, Add	12.28	
23 31 13 13-0244	LF 14" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.84	25.73
	For 3" WG (Class B), Add	6.43	
	For 4" Or 6" WG (Class A), Add	13.72	
	For 10" WG (Class A), Add	19.72	
	For Work In Restricted Working Space, Add	12.86	
23 31 13 13-0245	LF 16" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.97	18.71
	For 3" WG (Class B), Add	4.68	
	For 4" Or 6" WG (Class A), Add	9.97	
	For 10" WG (Class A), Add	14.34	
	For Work In Restricted Working Space, Add	9.35	
23 31 13 13-0246	LF 16" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.28	19.88
	For 3" WG (Class B), Add	4.97	
	For 4" Or 6" WG (Class A), Add	10.60	
	For 10" WG (Class A), Add	15.24	
	For Work In Restricted Working Space, Add	9.94	
23 31 13 13-0247	LF 16" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	41.60	21.05
	For 3" WG (Class B), Add	5.26	
	For 4" Or 6" WG (Class A), Add	11.23	
	For 10" WG (Class A), Add	16.14	
	For Work In Restricted Working Space, Add	10.52	
23 31 13 13-0248	LF 16" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	43.90	22.21
	For 3" WG (Class B), Add	5.55	
	For 4" Or 6" WG (Class A), Add	11.85	
	For 10" WG (Class A), Add	17.03	
	For Work In Restricted Working Space, Add	11.11	
23 31 13 13-0249	LF 16" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.22	23.38
	For 3" WG (Class B), Add	5.85	
	For 4" Or 6" WG (Class A), Add	12.47	
	For 10" WG (Class A), Add	17.93	
	For Work In Restricted Working Space, Add	11.69	
23 31 13 13-0250	LF 16" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	48.53	24.55
	For 3" WG (Class B), Add	6.14	
	For 4" Or 6" WG (Class A), Add	13.09	
	For 10" WG (Class A), Add	18.82	
	For Work In Restricted Working Space, Add	12.28	
23 31 13 13-0251	LF 16" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.84	25.73
	For 3" WG (Class B), Add	6.43	
	For 4" Or 6" WG (Class A), Add	13.72	
	For 10" WG (Class A), Add	19.72	
	For Work In Restricted Working Space, Add	12.86	
23 31 13 13-0252	LF 16" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.14	26.89
	For 3" WG (Class B), Add	6.72	
	For 4" Or 6" WG (Class A), Add	14.34	
	For 10" WG (Class A), Add	20.61	
	For Work In Restricted Working Space, Add	13.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0253	LF		18" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	41.60	21.05
			For 3" WG (Class B), Add	5.26	
			For 4" Or 6" WG (Class A), Add	11.23	
			For 10" WG (Class A), Add	16.14	
			For Work In Restricted Working Space, Add	10.52	
23 31 13 13-0254	LF		18" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	43.90	22.21
			For 3" WG (Class B), Add	5.55	
			For 4" Or 6" WG (Class A), Add	11.85	
			For 10" WG (Class A), Add	17.03	
			For Work In Restricted Working Space, Add	11.11	
23 31 13 13-0255	LF		18" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.22	23.38
			For 3" WG (Class B), Add	5.85	
			For 4" Or 6" WG (Class A), Add	12.47	
			For 10" WG (Class A), Add	17.93	
			For Work In Restricted Working Space, Add	11.69	
23 31 13 13-0256	LF		18" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	48.53	24.55
			For 3" WG (Class B), Add	6.14	
			For 4" Or 6" WG (Class A), Add	13.09	
			For 10" WG (Class A), Add	18.82	
			For Work In Restricted Working Space, Add	12.28	
23 31 13 13-0257	LF		18" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.84	25.73
			For 3" WG (Class B), Add	6.43	
			For 4" Or 6" WG (Class A), Add	13.72	
			For 10" WG (Class A), Add	19.72	
			For Work In Restricted Working Space, Add	12.86	
23 31 13 13-0258	LF		18" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.14	26.89
			For 3" WG (Class B), Add	6.72	
			For 4" Or 6" WG (Class A), Add	14.34	
			For 10" WG (Class A), Add	20.61	
			For Work In Restricted Working Space, Add	13.44	
23 31 13 13-0259	LF		18" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	55.46	28.06
			For 3" WG (Class B), Add	7.01	
			For 4" Or 6" WG (Class A), Add	14.96	
			For 10" WG (Class A), Add	21.51	
			For Work In Restricted Working Space, Add	14.03	
23 31 13 13-0260	LF		20" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.22	23.38
			For 3" WG (Class B), Add	5.85	
			For 4" Or 6" WG (Class A), Add	12.47	
			For 10" WG (Class A), Add	17.93	
			For Work In Restricted Working Space, Add	11.69	
23 31 13 13-0261	LF		20" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	48.53	24.55
			For 3" WG (Class B), Add	6.14	
			For 4" Or 6" WG (Class A), Add	13.09	
			For 10" WG (Class A), Add	18.82	
			For Work In Restricted Working Space, Add	12.28	
23 31 13 13-0262	LF		20" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.84	25.73
			For 3" WG (Class B), Add	6.43	
			For 4" Or 6" WG (Class A), Add	13.72	
			For 10" WG (Class A), Add	19.72	
			For Work In Restricted Working Space, Add	12.86	
23 31 13 13-0263	LF		20" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.14	26.89
			For 3" WG (Class B), Add	6.72	
			For 4" Or 6" WG (Class A), Add	14.34	
			For 10" WG (Class A), Add	20.61	
			For Work In Restricted Working Space, Add	13.44	
23 31 13 13-0264	LF		20" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	55.46	28.06
			For 3" WG (Class B), Add	7.01	
			For 4" Or 6" WG (Class A), Add	14.96	
			For 10" WG (Class A), Add	21.51	
			For Work In Restricted Working Space, Add	14.03	
23 31 13 13-0265	LF		20" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	57.76	29.23
			For 3" WG (Class B), Add	7.31	
			For 4" Or 6" WG (Class A), Add	15.58	
			For 10" WG (Class A), Add	22.40	
			For Work In Restricted Working Space, Add	14.61	
23 31 13 13-0266	LF		22" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.84	25.73
			For 3" WG (Class B), Add	6.43	
			For 4" Or 6" WG (Class A), Add	13.72	
			For 10" WG (Class A), Add	19.72	
			For Work In Restricted Working Space, Add	12.86	
23 31 13 13-0267	LF		22" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.14	26.89
			For 3" WG (Class B), Add	6.72	
			For 4" Or 6" WG (Class A), Add	14.34	
			For 10" WG (Class A), Add	20.61	
			For Work In Restricted Working Space, Add	13.44	
23 31 13 13-0268	LF		22" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	55.46	28.06
			For 3" WG (Class B), Add	7.01	
			For 4" Or 6" WG (Class A), Add	14.96	
			For 10" WG (Class A), Add	21.51	
			For Work In Restricted Working Space, Add	14.03	
23 31 13 13-0269	LF		22" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	57.76	29.23
			For 3" WG (Class B), Add	7.31	
			For 4" Or 6" WG (Class A), Add	15.58	
			For 10" WG (Class A), Add	22.40	
			For Work In Restricted Working Space, Add	14.61	
23 31 13 13-0270	LF		22" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	60.08	30.40
			For 3" WG (Class B), Add	7.60	
			For 4" Or 6" WG (Class A), Add	16.21	
			For 10" WG (Class A), Add	23.30	
			For Work In Restricted Working Space, Add	15.20	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0271	LF 24" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	55.46	28.06
	For 3" WG (Class B), Add	7.01	
	For 4" Or 6" WG (Class A), Add	14.96	
	For 10" WG (Class A), Add	21.51	
	For Work In Restricted Working Space, Add	14.03	
23 31 13 13-0272	LF 24" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	57.76	29.23
	For 3" WG (Class B), Add	7.31	
	For 4" Or 6" WG (Class A), Add	15.58	
	For 10" WG (Class A), Add	22.40	
	For Work In Restricted Working Space, Add	14.61	
23 31 13 13-0273	LF 24" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	60.08	30.40
	For 3" WG (Class B), Add	7.60	
	For 4" Or 6" WG (Class A), Add	16.21	
	For 10" WG (Class A), Add	23.30	
	For Work In Restricted Working Space, Add	15.20	
23 31 13 13-0274	LF 24" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	62.39	31.56
	For 3" WG (Class B), Add	7.89	
	For 4" Or 6" WG (Class A), Add	16.84	
	For 10" WG (Class A), Add	24.20	
	For Work In Restricted Working Space, Add	15.78	
23 31 13 13-0275	LF 26" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	60.08	30.40
	For 3" WG (Class B), Add	7.60	
	For 4" Or 6" WG (Class A), Add	16.21	
	For 10" WG (Class A), Add	23.30	
	For Work In Restricted Working Space, Add	15.20	
23 31 13 13-0276	LF 26" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	62.39	31.56
	For 3" WG (Class B), Add	7.89	
	For 4" Or 6" WG (Class A), Add	16.84	
	For 10" WG (Class A), Add	24.20	
	For Work In Restricted Working Space, Add	15.78	
23 31 13 13-0277	LF 26" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.70	32.73
	For 3" WG (Class B), Add	8.18	
	For 4" Or 6" WG (Class A), Add	17.46	
	For 10" WG (Class A), Add	25.09	
	For Work In Restricted Working Space, Add	16.37	
23 31 13 13-0278	LF 28" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.70	32.73
	For 3" WG (Class B), Add	8.18	
	For 4" Or 6" WG (Class A), Add	17.46	
	For 10" WG (Class A), Add	25.09	
	For Work In Restricted Working Space, Add	16.37	
23 31 13 13-0279	LF 28" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	67.01	33.91
	For 3" WG (Class B), Add	8.48	
	For 4" Or 6" WG (Class A), Add	18.08	
	For 10" WG (Class A), Add	25.99	
	For Work In Restricted Working Space, Add	16.95	
23 31 13 13-0280	LF 30" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork.....	69.33	35.08
	For 3" WG (Class B), Add	8.77	
	For 4" Or 6" WG (Class A), Add	18.71	
	For 10" WG (Class A), Add	26.89	
	For Work In Restricted Working Space, Add	17.54	
23 31 13 13-0281	22 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0282	LF 4" x 4", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	11.24	5.69
	For 3" WG (Class B), Add	1.42	
	For 4" Or 6" WG (Class A), Add	3.03	
	For 10" WG (Class A), Add	4.36	
	For Work In Restricted Working Space, Add	2.84	
23 31 13 13-0283	LF 4" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	14.05	7.11
	For 3" WG (Class B), Add	1.78	
	For 4" Or 6" WG (Class A), Add	3.79	
	For 10" WG (Class A), Add	5.45	
	For Work In Restricted Working Space, Add	3.56	
23 31 13 13-0284	LF 4" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.86	8.54
	For 3" WG (Class B), Add	2.13	
	For 4" Or 6" WG (Class A), Add	4.55	
	For 10" WG (Class A), Add	6.54	
	For Work In Restricted Working Space, Add	4.27	
23 31 13 13-0285	LF 4" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.67	9.95
	For 3" WG (Class B), Add	2.49	
	For 4" Or 6" WG (Class A), Add	5.31	
	For 10" WG (Class A), Add	7.63	
	For Work In Restricted Working Space, Add	4.98	
23 31 13 13-0286	LF 4" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	22.48	11.37
	For 3" WG (Class B), Add	2.84	
	For 4" Or 6" WG (Class A), Add	6.06	
	For 10" WG (Class A), Add	8.72	
	For Work In Restricted Working Space, Add	5.69	
23 31 13 13-0287	LF 4" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.30	12.79
	For 3" WG (Class B), Add	3.20	
	For 4" Or 6" WG (Class A), Add	6.83	
	For 10" WG (Class A), Add	9.81	
	For Work In Restricted Working Space, Add	6.40	
23 31 13 13-0288	LF 4" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.11	14.22
	For 3" WG (Class B), Add	3.56	
	For 4" Or 6" WG (Class A), Add	7.58	
	For 10" WG (Class A), Add	10.90	
	For Work In Restricted Working Space, Add	7.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0289	LF	6" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.86	8.54	
		For 3" WG (Class B), Add	2.13		
		For 4" Or 6" WG (Class A), Add	4.55		
		For 10" WG (Class A), Add	6.54		
		For Work In Restricted Working Space, Add	4.27		
23 31 13 13-0290	LF	6" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.67	9.95	
		For 3" WG (Class B), Add	2.49		
		For 4" Or 6" WG (Class A), Add	5.31		
		For 10" WG (Class A), Add	7.63		
		For Work In Restricted Working Space, Add	4.98		
23 31 13 13-0291	LF	6" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	22.48	11.37	
		For 3" WG (Class B), Add	2.84		
		For 4" Or 6" WG (Class A), Add	6.06		
		For 10" WG (Class A), Add	8.72		
		For Work In Restricted Working Space, Add	5.69		
23 31 13 13-0292	LF	6" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.30	12.79	
		For 3" WG (Class B), Add	3.20		
		For 4" Or 6" WG (Class A), Add	6.83		
		For 10" WG (Class A), Add	9.81		
		For Work In Restricted Working Space, Add	6.40		
23 31 13 13-0293	LF	6" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.11	14.22	
		For 3" WG (Class B), Add	3.56		
		For 4" Or 6" WG (Class A), Add	7.58		
		For 10" WG (Class A), Add	10.90		
		For Work In Restricted Working Space, Add	7.11		
23 31 13 13-0294	LF	6" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.92	15.64	
		For 3" WG (Class B), Add	3.91		
		For 4" Or 6" WG (Class A), Add	8.34		
		For 10" WG (Class A), Add	11.99		
		For Work In Restricted Working Space, Add	7.82		
23 31 13 13-0295	LF	8" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	22.48	11.37	
		For 3" WG (Class B), Add	2.84		
		For 4" Or 6" WG (Class A), Add	6.06		
		For 10" WG (Class A), Add	8.72		
		For Work In Restricted Working Space, Add	5.69		
23 31 13 13-0296	LF	8" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	25.30	12.79	
		For 3" WG (Class B), Add	3.20		
		For 4" Or 6" WG (Class A), Add	6.83		
		For 10" WG (Class A), Add	9.81		
		For Work In Restricted Working Space, Add	6.40		
23 31 13 13-0297	LF	8" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.11	14.22	
		For 3" WG (Class B), Add	3.56		
		For 4" Or 6" WG (Class A), Add	7.58		
		For 10" WG (Class A), Add	10.90		
		For Work In Restricted Working Space, Add	7.11		
23 31 13 13-0298	LF	8" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.92	15.64	
		For 3" WG (Class B), Add	3.91		
		For 4" Or 6" WG (Class A), Add	8.34		
		For 10" WG (Class A), Add	11.99		
		For Work In Restricted Working Space, Add	7.82		
23 31 13 13-0299	LF	8" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.72	17.06	
		For 3" WG (Class B), Add	4.26		
		For 4" Or 6" WG (Class A), Add	9.10		
		For 10" WG (Class A), Add	13.08		
		For Work In Restricted Working Space, Add	8.53		
23 31 13 13-0300	LF	8" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.54	18.49	
		For 3" WG (Class B), Add	4.62		
		For 4" Or 6" WG (Class A), Add	9.86		
		For 10" WG (Class A), Add	14.17		
		For Work In Restricted Working Space, Add	9.24		
23 31 13 13-0301	LF	8" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.35	19.91	
		For 3" WG (Class B), Add	4.98		
		For 4" Or 6" WG (Class A), Add	10.62		
		For 10" WG (Class A), Add	15.26		
		For Work In Restricted Working Space, Add	9.95		
23 31 13 13-0302	LF	8" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	42.16	21.33	
		For 3" WG (Class B), Add	5.33		
		For 4" Or 6" WG (Class A), Add	11.38		
		For 10" WG (Class A), Add	16.35		
		For Work In Restricted Working Space, Add	10.67		
23 31 13 13-0303	LF	8" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	44.96	22.76	
		For 3" WG (Class B), Add	5.69		
		For 4" Or 6" WG (Class A), Add	12.13		
		For 10" WG (Class A), Add	17.44		
		For Work In Restricted Working Space, Add	11.37		
23 31 13 13-0304	LF	10" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	28.11	14.22	
		For 3" WG (Class B), Add	3.56		
		For 4" Or 6" WG (Class A), Add	7.58		
		For 10" WG (Class A), Add	10.90		
		For Work In Restricted Working Space, Add	7.11		
23 31 13 13-0305	LF	10" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	30.92	15.64	
		For 3" WG (Class B), Add	3.91		
		For 4" Or 6" WG (Class A), Add	8.34		
		For 10" WG (Class A), Add	11.99		
		For Work In Restricted Working Space, Add	7.82		
23 31 13 13-0306	LF	10" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.72	17.06	
		For 3" WG (Class B), Add	4.26		
		For 4" Or 6" WG (Class A), Add	9.10		
		For 10" WG (Class A), Add	13.08		
		For Work In Restricted Working Space, Add	8.53		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0307	LF 10" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.54	18.49
	For 3" WG (Class B), Add	4.62	
	For 4" Or 6" WG (Class A), Add	9.86	
	For 10" WG (Class A), Add	14.17	
	For Work In Restricted Working Space, Add	9.24	
23 31 13 13-0308	LF 10" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.35	19.91
	For 3" WG (Class B), Add	4.98	
	For 4" Or 6" WG (Class A), Add	10.62	
	For 10" WG (Class A), Add	15.26	
	For Work In Restricted Working Space, Add	9.95	
23 31 13 13-0309	LF 10" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	42.16	21.33
	For 3" WG (Class B), Add	5.33	
	For 4" Or 6" WG (Class A), Add	11.38	
	For 10" WG (Class A), Add	16.35	
	For Work In Restricted Working Space, Add	10.67	
23 31 13 13-0310	LF 10" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	44.96	22.76
	For 3" WG (Class B), Add	5.69	
	For 4" Or 6" WG (Class A), Add	12.13	
	For 10" WG (Class A), Add	17.44	
	For Work In Restricted Working Space, Add	11.37	
23 31 13 13-0311	LF 10" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	47.78	24.17
	For 3" WG (Class B), Add	6.04	
	For 4" Or 6" WG (Class A), Add	12.89	
	For 10" WG (Class A), Add	18.53	
	For Work In Restricted Working Space, Add	12.09	
23 31 13 13-0312	LF 10" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.59	25.60
	For 3" WG (Class B), Add	6.40	
	For 4" Or 6" WG (Class A), Add	13.65	
	For 10" WG (Class A), Add	19.62	
	For Work In Restricted Working Space, Add	12.80	
23 31 13 13-0313	LF 10" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.40	27.02
	For 3" WG (Class B), Add	6.75	
	For 4" Or 6" WG (Class A), Add	14.41	
	For 10" WG (Class A), Add	20.71	
	For Work In Restricted Working Space, Add	13.51	
23 31 13 13-0314	LF 10" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.21	28.43
	For 3" WG (Class B), Add	7.11	
	For 4" Or 6" WG (Class A), Add	15.17	
	For 10" WG (Class A), Add	21.80	
	For Work In Restricted Working Space, Add	14.22	
23 31 13 13-0315	LF 10" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.01	29.86
	For 3" WG (Class B), Add	7.46	
	For 4" Or 6" WG (Class A), Add	15.92	
	For 10" WG (Class A), Add	22.89	
	For Work In Restricted Working Space, Add	14.93	
23 31 13 13-0316	LF 12" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.72	17.06
	For 3" WG (Class B), Add	4.26	
	For 4" Or 6" WG (Class A), Add	9.10	
	For 10" WG (Class A), Add	13.08	
	For Work In Restricted Working Space, Add	8.53	
23 31 13 13-0317	LF 12" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.54	18.49
	For 3" WG (Class B), Add	4.62	
	For 4" Or 6" WG (Class A), Add	9.86	
	For 10" WG (Class A), Add	14.17	
	For Work In Restricted Working Space, Add	9.24	
23 31 13 13-0318	LF 12" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.35	19.91
	For 3" WG (Class B), Add	4.98	
	For 4" Or 6" WG (Class A), Add	10.62	
	For 10" WG (Class A), Add	15.26	
	For Work In Restricted Working Space, Add	9.95	
23 31 13 13-0319	LF 12" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	42.16	21.33
	For 3" WG (Class B), Add	5.33	
	For 4" Or 6" WG (Class A), Add	11.38	
	For 10" WG (Class A), Add	16.35	
	For Work In Restricted Working Space, Add	10.67	
23 31 13 13-0320	LF 12" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	44.96	22.76
	For 3" WG (Class B), Add	5.69	
	For 4" Or 6" WG (Class A), Add	12.13	
	For 10" WG (Class A), Add	17.44	
	For Work In Restricted Working Space, Add	11.37	
23 31 13 13-0321	LF 12" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	47.78	24.17
	For 3" WG (Class B), Add	6.04	
	For 4" Or 6" WG (Class A), Add	12.89	
	For 10" WG (Class A), Add	18.53	
	For Work In Restricted Working Space, Add	12.09	
23 31 13 13-0322	LF 12" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.59	25.60
	For 3" WG (Class B), Add	6.40	
	For 4" Or 6" WG (Class A), Add	13.65	
	For 10" WG (Class A), Add	19.62	
	For Work In Restricted Working Space, Add	12.80	
23 31 13 13-0323	LF 12" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.40	27.02
	For 3" WG (Class B), Add	6.75	
	For 4" Or 6" WG (Class A), Add	14.41	
	For 10" WG (Class A), Add	20.71	
	For Work In Restricted Working Space, Add	13.51	
23 31 13 13-0324	LF 12" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.21	28.43
	For 3" WG (Class B), Add	7.11	
	For 4" Or 6" WG (Class A), Add	15.17	
	For 10" WG (Class A), Add	21.80	
	For Work In Restricted Working Space, Add	14.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0325	LF	12" x 30"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.01	29.86
			For 3" WG (Class B), Add	7.46	
			For 4" Or 6" WG (Class A), Add	15.92	
			For 10" WG (Class A), Add	22.89	
			For Work In Restricted Working Space, Add	14.93	
23 31 13 13-0326	LF	12" x 32"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	61.84	31.28
			For 3" WG (Class B), Add	7.82	
			For 4" Or 6" WG (Class A), Add	16.68	
			For 10" WG (Class A), Add	23.98	
			For Work In Restricted Working Space, Add	15.64	
23 31 13 13-0327	LF	12" x 34"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
			For 3" WG (Class B), Add	8.18	
			For 4" Or 6" WG (Class A), Add	17.44	
			For 10" WG (Class A), Add	25.07	
			For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0328	LF	12" x 36"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	67.45	34.13
			For 3" WG (Class B), Add	8.53	
			For 4" Or 6" WG (Class A), Add	18.20	
			For 10" WG (Class A), Add	26.16	
			For Work In Restricted Working Space, Add	17.06	
23 31 13 13-0329	LF	14" x 14"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.35	19.91
			For 3" WG (Class B), Add	4.98	
			For 4" Or 6" WG (Class A), Add	10.62	
			For 10" WG (Class A), Add	15.26	
			For Work In Restricted Working Space, Add	9.95	
23 31 13 13-0330	LF	14" x 16"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	42.16	21.33
			For 3" WG (Class B), Add	5.33	
			For 4" Or 6" WG (Class A), Add	11.38	
			For 10" WG (Class A), Add	16.35	
			For Work In Restricted Working Space, Add	10.67	
23 31 13 13-0331	LF	14" x 18"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	44.96	22.76
			For 3" WG (Class B), Add	5.69	
			For 4" Or 6" WG (Class A), Add	12.13	
			For 10" WG (Class A), Add	17.44	
			For Work In Restricted Working Space, Add	11.37	
23 31 13 13-0332	LF	14" x 20"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	47.78	24.17
			For 3" WG (Class B), Add	6.04	
			For 4" Or 6" WG (Class A), Add	12.89	
			For 10" WG (Class A), Add	18.53	
			For Work In Restricted Working Space, Add	12.09	
23 31 13 13-0333	LF	14" x 22"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.59	25.60
			For 3" WG (Class B), Add	6.40	
			For 4" Or 6" WG (Class A), Add	13.65	
			For 10" WG (Class A), Add	19.62	
			For Work In Restricted Working Space, Add	12.80	
23 31 13 13-0334	LF	14" x 24"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.40	27.02
			For 3" WG (Class B), Add	6.75	
			For 4" Or 6" WG (Class A), Add	14.41	
			For 10" WG (Class A), Add	20.71	
			For Work In Restricted Working Space, Add	13.51	
23 31 13 13-0335	LF	14" x 26"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.21	28.43
			For 3" WG (Class B), Add	7.11	
			For 4" Or 6" WG (Class A), Add	15.17	
			For 10" WG (Class A), Add	21.80	
			For Work In Restricted Working Space, Add	14.22	
23 31 13 13-0336	LF	14" x 28"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.01	29.86
			For 3" WG (Class B), Add	7.46	
			For 4" Or 6" WG (Class A), Add	15.92	
			For 10" WG (Class A), Add	22.89	
			For Work In Restricted Working Space, Add	14.93	
23 31 13 13-0337	LF	14" x 30"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	61.84	31.28
			For 3" WG (Class B), Add	7.82	
			For 4" Or 6" WG (Class A), Add	16.68	
			For 10" WG (Class A), Add	23.98	
			For Work In Restricted Working Space, Add	15.64	
23 31 13 13-0338	LF	14" x 32"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
			For 3" WG (Class B), Add	8.18	
			For 4" Or 6" WG (Class A), Add	17.44	
			For 10" WG (Class A), Add	25.07	
			For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0339	LF	14" x 34"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	67.45	34.13
			For 3" WG (Class B), Add	8.53	
			For 4" Or 6" WG (Class A), Add	18.20	
			For 10" WG (Class A), Add	26.16	
			For Work In Restricted Working Space, Add	17.06	
23 31 13 13-0340	LF	14" x 36"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	70.26	35.55
			For 3" WG (Class B), Add	8.89	
			For 4" Or 6" WG (Class A), Add	18.96	
			For 10" WG (Class A), Add	27.25	
			For Work In Restricted Working Space, Add	17.77	
23 31 13 13-0341	LF	16" x 16"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	44.96	22.76
			For 3" WG (Class B), Add	5.69	
			For 4" Or 6" WG (Class A), Add	12.13	
			For 10" WG (Class A), Add	17.44	
			For Work In Restricted Working Space, Add	11.37	
23 31 13 13-0342	LF	16" x 18"	Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	47.78	24.17
			For 3" WG (Class B), Add	6.04	
			For 4" Or 6" WG (Class A), Add	12.89	
			For 10" WG (Class A), Add	18.53	
			For Work In Restricted Working Space, Add	12.09	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0343	LF 16" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.59	25.60
	For 3" WG (Class B), Add	6.40	
	For 4" Or 6" WG (Class A), Add	13.65	
	For 10" WG (Class A), Add	19.62	
	For Work In Restricted Working Space, Add	12.80	
23 31 13 13-0344	LF 16" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.40	27.02
	For 3" WG (Class B), Add	6.75	
	For 4" Or 6" WG (Class A), Add	14.41	
	For 10" WG (Class A), Add	20.71	
	For Work In Restricted Working Space, Add	13.51	
23 31 13 13-0345	LF 16" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.21	28.43
	For 3" WG (Class B), Add	7.11	
	For 4" Or 6" WG (Class A), Add	15.17	
	For 10" WG (Class A), Add	21.80	
	For Work In Restricted Working Space, Add	14.22	
23 31 13 13-0346	LF 16" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.01	29.86
	For 3" WG (Class B), Add	7.46	
	For 4" Or 6" WG (Class A), Add	15.92	
	For 10" WG (Class A), Add	22.89	
	For Work In Restricted Working Space, Add	14.93	
23 31 13 13-0347	LF 16" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	61.84	31.28
	For 3" WG (Class B), Add	7.82	
	For 4" Or 6" WG (Class A), Add	16.68	
	For 10" WG (Class A), Add	23.98	
	For Work In Restricted Working Space, Add	15.64	
23 31 13 13-0348	LF 16" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
	For 3" WG (Class B), Add	8.18	
	For 4" Or 6" WG (Class A), Add	17.44	
	For 10" WG (Class A), Add	25.07	
	For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0349	LF 16" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	67.45	34.13
	For 3" WG (Class B), Add	8.53	
	For 4" Or 6" WG (Class A), Add	18.20	
	For 10" WG (Class A), Add	26.16	
	For Work In Restricted Working Space, Add	17.06	
23 31 13 13-0350	LF 16" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	70.26	35.55
	For 3" WG (Class B), Add	8.89	
	For 4" Or 6" WG (Class A), Add	18.96	
	For 10" WG (Class A), Add	27.25	
	For Work In Restricted Working Space, Add	17.77	
23 31 13 13-0351	LF 16" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	73.08	36.97
	For 3" WG (Class B), Add	9.24	
	For 4" Or 6" WG (Class A), Add	19.72	
	For 10" WG (Class A), Add	28.35	
	For Work In Restricted Working Space, Add	18.49	
23 31 13 13-0352	LF 16" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	75.88	38.39
	For 3" WG (Class B), Add	9.60	
	For 4" Or 6" WG (Class A), Add	20.47	
	For 10" WG (Class A), Add	29.43	
	For Work In Restricted Working Space, Add	19.19	
23 31 13 13-0353	LF 16" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	78.69	39.81
	For 3" WG (Class B), Add	9.95	
	For 4" Or 6" WG (Class A), Add	21.23	
	For 10" WG (Class A), Add	30.52	
	For Work In Restricted Working Space, Add	19.91	
23 31 13 13-0354	LF 16" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.50	41.24
	For 3" WG (Class B), Add	10.31	
	For 4" Or 6" WG (Class A), Add	21.99	
	For 10" WG (Class A), Add	31.61	
	For Work In Restricted Working Space, Add	20.62	
23 31 13 13-0355	LF 16" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66
	For 3" WG (Class B), Add	10.66	
	For 4" Or 6" WG (Class A), Add	22.75	
	For 10" WG (Class A), Add	32.70	
	For Work In Restricted Working Space, Add	21.33	
23 31 13 13-0356	LF 18" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	50.59	25.60
	For 3" WG (Class B), Add	6.40	
	For 4" Or 6" WG (Class A), Add	13.65	
	For 10" WG (Class A), Add	19.62	
	For Work In Restricted Working Space, Add	12.80	
23 31 13 13-0357	LF 18" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	53.40	27.02
	For 3" WG (Class B), Add	6.75	
	For 4" Or 6" WG (Class A), Add	14.41	
	For 10" WG (Class A), Add	20.71	
	For Work In Restricted Working Space, Add	13.51	
23 31 13 13-0358	LF 18" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.21	28.43
	For 3" WG (Class B), Add	7.11	
	For 4" Or 6" WG (Class A), Add	15.17	
	For 10" WG (Class A), Add	21.80	
	For Work In Restricted Working Space, Add	14.22	
23 31 13 13-0359	LF 18" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.01	29.86
	For 3" WG (Class B), Add	7.46	
	For 4" Or 6" WG (Class A), Add	15.92	
	For 10" WG (Class A), Add	22.89	
	For Work In Restricted Working Space, Add	14.93	
23 31 13 13-0360	LF 18" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	61.84	31.28
	For 3" WG (Class B), Add	7.82	
	For 4" Or 6" WG (Class A), Add	16.68	
	For 10" WG (Class A), Add	23.98	
	For Work In Restricted Working Space, Add	15.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0361	LF	18" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	64.65	32.70	
		For 3" WG (Class B), Add	8.18		
		For 4" Or 6" WG (Class A), Add	17.44		
		For 10" WG (Class A), Add	25.07		
		For Work In Restricted Working Space, Add	16.35		
23 31 13 13-0362	LF	18" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.45	34.13	
		For 3" WG (Class B), Add	8.53		
		For 4" Or 6" WG (Class A), Add	18.20		
		For 10" WG (Class A), Add	26.16		
		For Work In Restricted Working Space, Add	17.06		
23 31 13 13-0363	LF	18" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.26	35.55	
		For 3" WG (Class B), Add	8.89		
		For 4" Or 6" WG (Class A), Add	18.96		
		For 10" WG (Class A), Add	27.25		
		For Work In Restricted Working Space, Add	17.77		
23 31 13 13-0364	LF	18" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.08	36.97	
		For 3" WG (Class B), Add	9.24		
		For 4" Or 6" WG (Class A), Add	19.72		
		For 10" WG (Class A), Add	28.35		
		For Work In Restricted Working Space, Add	18.49		
23 31 13 13-0365	LF	18" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.88	38.39	
		For 3" WG (Class B), Add	9.60		
		For 4" Or 6" WG (Class A), Add	20.47		
		For 10" WG (Class A), Add	29.43		
		For Work In Restricted Working Space, Add	19.19		
23 31 13 13-0366	LF	18" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	78.69	39.81	
		For 3" WG (Class B), Add	9.95		
		For 4" Or 6" WG (Class A), Add	21.23		
		For 10" WG (Class A), Add	30.52		
		For Work In Restricted Working Space, Add	19.91		
23 31 13 13-0367	LF	18" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.50	41.24	
		For 3" WG (Class B), Add	10.31		
		For 4" Or 6" WG (Class A), Add	21.99		
		For 10" WG (Class A), Add	31.61		
		For Work In Restricted Working Space, Add	20.62		
23 31 13 13-0368	LF	18" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	84.31	42.66	
		For 3" WG (Class B), Add	10.66		
		For 4" Or 6" WG (Class A), Add	22.75		
		For 10" WG (Class A), Add	32.70		
		For Work In Restricted Working Space, Add	21.33		
23 31 13 13-0369	LF	18" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.12	44.07	
		For 3" WG (Class B), Add	11.02		
		For 4" Or 6" WG (Class A), Add	23.51		
		For 10" WG (Class A), Add	33.79		
		For Work In Restricted Working Space, Add	22.04		
23 31 13 13-0370	LF	18" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.94	45.50	
		For 3" WG (Class B), Add	11.38		
		For 4" Or 6" WG (Class A), Add	24.27		
		For 10" WG (Class A), Add	34.89		
		For Work In Restricted Working Space, Add	22.75		
23 31 13 13-0371	LF	20" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	56.21	28.43	
		For 3" WG (Class B), Add	7.11		
		For 4" Or 6" WG (Class A), Add	15.17		
		For 10" WG (Class A), Add	21.80		
		For Work In Restricted Working Space, Add	14.22		
23 31 13 13-0372	LF	20" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	59.01	29.86	
		For 3" WG (Class B), Add	7.46		
		For 4" Or 6" WG (Class A), Add	15.92		
		For 10" WG (Class A), Add	22.89		
		For Work In Restricted Working Space, Add	14.93		
23 31 13 13-0373	LF	20" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	61.84	31.28	
		For 3" WG (Class B), Add	7.82		
		For 4" Or 6" WG (Class A), Add	16.68		
		For 10" WG (Class A), Add	23.98		
		For Work In Restricted Working Space, Add	15.64		
23 31 13 13-0374	LF	20" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	64.65	32.70	
		For 3" WG (Class B), Add	8.18		
		For 4" Or 6" WG (Class A), Add	17.44		
		For 10" WG (Class A), Add	25.07		
		For Work In Restricted Working Space, Add	16.35		
23 31 13 13-0375	LF	20" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.45	34.13	
		For 3" WG (Class B), Add	8.53		
		For 4" Or 6" WG (Class A), Add	18.20		
		For 10" WG (Class A), Add	26.16		
		For Work In Restricted Working Space, Add	17.06		
23 31 13 13-0376	LF	20" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.26	35.55	
		For 3" WG (Class B), Add	8.89		
		For 4" Or 6" WG (Class A), Add	18.96		
		For 10" WG (Class A), Add	27.25		
		For Work In Restricted Working Space, Add	17.77		
23 31 13 13-0377	LF	20" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.08	36.97	
		For 3" WG (Class B), Add	9.24		
		For 4" Or 6" WG (Class A), Add	19.72		
		For 10" WG (Class A), Add	28.35		
		For Work In Restricted Working Space, Add	18.49		
23 31 13 13-0378	LF	20" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.88	38.39	
		For 3" WG (Class B), Add	9.60		
		For 4" Or 6" WG (Class A), Add	20.47		
		For 10" WG (Class A), Add	29.43		
		For Work In Restricted Working Space, Add	19.19		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0379	LF 20" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	78.69	39.81
	For 3" WG (Class B), Add	9.95	
	For 4" Or 6" WG (Class A), Add	21.23	
	For 10" WG (Class A), Add	30.52	
	For Work In Restricted Working Space, Add	19.91	
23 31 13 13-0380	LF 20" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.50	41.24
	For 3" WG (Class B), Add	10.31	
	For 4" Or 6" WG (Class A), Add	21.99	
	For 10" WG (Class A), Add	31.61	
	For Work In Restricted Working Space, Add	20.62	
23 31 13 13-0381	LF 20" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66
	For 3" WG (Class B), Add	10.66	
	For 4" Or 6" WG (Class A), Add	22.75	
	For 10" WG (Class A), Add	32.70	
	For Work In Restricted Working Space, Add	21.33	
23 31 13 13-0382	LF 20" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	87.12	44.07
	For 3" WG (Class B), Add	11.02	
	For 4" Or 6" WG (Class A), Add	23.51	
	For 10" WG (Class A), Add	33.79	
	For Work In Restricted Working Space, Add	22.04	
23 31 13 13-0383	LF 20" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50
	For 3" WG (Class B), Add	11.38	
	For 4" Or 6" WG (Class A), Add	24.27	
	For 10" WG (Class A), Add	34.89	
	For Work In Restricted Working Space, Add	22.75	
23 31 13 13-0384	LF 20" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.74	46.92
	For 3" WG (Class B), Add	11.73	
	For 4" Or 6" WG (Class A), Add	25.02	
	For 10" WG (Class A), Add	35.97	
	For Work In Restricted Working Space, Add	23.46	
23 31 13 13-0385	LF 20" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34
	For 3" WG (Class B), Add	12.09	
	For 4" Or 6" WG (Class A), Add	25.78	
	For 10" WG (Class A), Add	37.06	
	For Work In Restricted Working Space, Add	24.17	
23 31 13 13-0386	LF 22" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	61.84	31.28
	For 3" WG (Class B), Add	7.82	
	For 4" Or 6" WG (Class A), Add	16.68	
	For 10" WG (Class A), Add	23.98	
	For Work In Restricted Working Space, Add	15.64	
23 31 13 13-0387	LF 22" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
	For 3" WG (Class B), Add	8.18	
	For 4" Or 6" WG (Class A), Add	17.44	
	For 10" WG (Class A), Add	25.07	
	For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0388	LF 22" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	67.45	34.13
	For 3" WG (Class B), Add	8.53	
	For 4" Or 6" WG (Class A), Add	18.20	
	For 10" WG (Class A), Add	26.16	
	For Work In Restricted Working Space, Add	17.06	
23 31 13 13-0389	LF 22" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	70.26	35.55
	For 3" WG (Class B), Add	8.89	
	For 4" Or 6" WG (Class A), Add	18.96	
	For 10" WG (Class A), Add	27.25	
	For Work In Restricted Working Space, Add	17.77	
23 31 13 13-0390	LF 22" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	73.08	36.97
	For 3" WG (Class B), Add	9.24	
	For 4" Or 6" WG (Class A), Add	19.72	
	For 10" WG (Class A), Add	28.35	
	For Work In Restricted Working Space, Add	18.49	
23 31 13 13-0391	LF 22" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	75.88	38.39
	For 3" WG (Class B), Add	9.60	
	For 4" Or 6" WG (Class A), Add	20.47	
	For 10" WG (Class A), Add	29.43	
	For Work In Restricted Working Space, Add	19.19	
23 31 13 13-0392	LF 22" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	78.69	39.81
	For 3" WG (Class B), Add	9.95	
	For 4" Or 6" WG (Class A), Add	21.23	
	For 10" WG (Class A), Add	30.52	
	For Work In Restricted Working Space, Add	19.91	
23 31 13 13-0393	LF 22" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.50	41.24
	For 3" WG (Class B), Add	10.31	
	For 4" Or 6" WG (Class A), Add	21.99	
	For 10" WG (Class A), Add	31.61	
	For Work In Restricted Working Space, Add	20.62	
23 31 13 13-0394	LF 22" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66
	For 3" WG (Class B), Add	10.66	
	For 4" Or 6" WG (Class A), Add	22.75	
	For 10" WG (Class A), Add	32.70	
	For Work In Restricted Working Space, Add	21.33	
23 31 13 13-0395	LF 22" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	87.12	44.07
	For 3" WG (Class B), Add	11.02	
	For 4" Or 6" WG (Class A), Add	23.51	
	For 10" WG (Class A), Add	33.79	
	For Work In Restricted Working Space, Add	22.04	
23 31 13 13-0396	LF 22" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50
	For 3" WG (Class B), Add	11.38	
	For 4" Or 6" WG (Class A), Add	24.27	
	For 10" WG (Class A), Add	34.89	
	For Work In Restricted Working Space, Add	22.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0397	LF	22" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.74	46.92	
		For 3" WG (Class B), Add	11.73		
		For 4" Or 6" WG (Class A), Add	25.02		
		For 10" WG (Class A), Add	35.97		
		For Work In Restricted Working Space, Add	23.46		
23 31 13 13-0398	LF	22" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.55	48.34	
		For 3" WG (Class B), Add	12.09		
		For 4" Or 6" WG (Class A), Add	25.78		
		For 10" WG (Class A), Add	37.06		
		For Work In Restricted Working Space, Add	24.17		
23 31 13 13-0399	LF	22" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.37	49.76	
		For 3" WG (Class B), Add	12.44		
		For 4" Or 6" WG (Class A), Add	26.54		
		For 10" WG (Class A), Add	38.16		
		For Work In Restricted Working Space, Add	24.89		
23 31 13 13-0400	LF	24" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.45	34.13	
		For 3" WG (Class B), Add	8.53		
		For 4" Or 6" WG (Class A), Add	18.20		
		For 10" WG (Class A), Add	26.16		
		For Work In Restricted Working Space, Add	17.06		
23 31 13 13-0401	LF	24" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.26	35.55	
		For 3" WG (Class B), Add	8.89		
		For 4" Or 6" WG (Class A), Add	18.96		
		For 10" WG (Class A), Add	27.25		
		For Work In Restricted Working Space, Add	17.77		
23 31 13 13-0402	LF	24" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.08	36.97	
		For 3" WG (Class B), Add	9.24		
		For 4" Or 6" WG (Class A), Add	19.72		
		For 10" WG (Class A), Add	28.35		
		For Work In Restricted Working Space, Add	18.49		
23 31 13 13-0403	LF	24" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.88	38.39	
		For 3" WG (Class B), Add	9.60		
		For 4" Or 6" WG (Class A), Add	20.47		
		For 10" WG (Class A), Add	29.43		
		For Work In Restricted Working Space, Add	19.19		
23 31 13 13-0404	LF	24" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	78.69	39.81	
		For 3" WG (Class B), Add	9.95		
		For 4" Or 6" WG (Class A), Add	21.23		
		For 10" WG (Class A), Add	30.52		
		For Work In Restricted Working Space, Add	19.91		
23 31 13 13-0405	LF	24" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.50	41.24	
		For 3" WG (Class B), Add	10.31		
		For 4" Or 6" WG (Class A), Add	21.99		
		For 10" WG (Class A), Add	31.61		
		For Work In Restricted Working Space, Add	20.62		
23 31 13 13-0406	LF	24" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	84.31	42.66	
		For 3" WG (Class B), Add	10.66		
		For 4" Or 6" WG (Class A), Add	22.75		
		For 10" WG (Class A), Add	32.70		
		For Work In Restricted Working Space, Add	21.33		
23 31 13 13-0407	LF	24" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.12	44.07	
		For 3" WG (Class B), Add	11.02		
		For 4" Or 6" WG (Class A), Add	23.51		
		For 10" WG (Class A), Add	33.79		
		For Work In Restricted Working Space, Add	22.04		
23 31 13 13-0408	LF	24" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.94	45.50	
		For 3" WG (Class B), Add	11.38		
		For 4" Or 6" WG (Class A), Add	24.27		
		For 10" WG (Class A), Add	34.89		
		For Work In Restricted Working Space, Add	22.75		
23 31 13 13-0409	LF	24" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.74	46.92	
		For 3" WG (Class B), Add	11.73		
		For 4" Or 6" WG (Class A), Add	25.02		
		For 10" WG (Class A), Add	35.97		
		For Work In Restricted Working Space, Add	23.46		
23 31 13 13-0410	LF	24" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.55	48.34	
		For 3" WG (Class B), Add	12.09		
		For 4" Or 6" WG (Class A), Add	25.78		
		For 10" WG (Class A), Add	37.06		
		For Work In Restricted Working Space, Add	24.17		
23 31 13 13-0411	LF	24" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.37	49.76	
		For 3" WG (Class B), Add	12.44		
		For 4" Or 6" WG (Class A), Add	26.54		
		For 10" WG (Class A), Add	38.16		
		For Work In Restricted Working Space, Add	24.89		
23 31 13 13-0412	LF	24" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	101.19	51.19	
		For 3" WG (Class B), Add	12.80		
		For 4" Or 6" WG (Class A), Add	27.30		
		For 10" WG (Class A), Add	39.25		
		For Work In Restricted Working Space, Add	25.60		
23 31 13 13-0413	LF	26" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.08	36.97	
		For 3" WG (Class B), Add	9.24		
		For 4" Or 6" WG (Class A), Add	19.72		
		For 10" WG (Class A), Add	28.35		
		For Work In Restricted Working Space, Add	18.49		
23 31 13 13-0414	LF	26" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.88	38.39	
		For 3" WG (Class B), Add	9.60		
		For 4" Or 6" WG (Class A), Add	20.47		
		For 10" WG (Class A), Add	29.43		
		For Work In Restricted Working Space, Add	19.19		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0415	LF	26" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	78.69	39.81
			For 3" WG (Class B), Add	9.95	
			For 4" Or 6" WG (Class A), Add	21.23	
			For 10" WG (Class A), Add	30.52	
			For Work In Restricted Working Space, Add	19.91	
23 31	13 13-0416	LF	26" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.50	41.24
			For 3" WG (Class B), Add	10.31	
			For 4" Or 6" WG (Class A), Add	21.99	
			For 10" WG (Class A), Add	31.61	
			For Work In Restricted Working Space, Add	20.62	
23 31	13 13-0417	LF	26" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66
			For 3" WG (Class B), Add	10.66	
			For 4" Or 6" WG (Class A), Add	22.75	
			For 10" WG (Class A), Add	32.70	
			For Work In Restricted Working Space, Add	21.33	
23 31	13 13-0418	LF	26" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	87.12	44.07
			For 3" WG (Class B), Add	11.02	
			For 4" Or 6" WG (Class A), Add	23.51	
			For 10" WG (Class A), Add	33.79	
			For Work In Restricted Working Space, Add	22.04	
23 31	13 13-0419	LF	26" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50
			For 3" WG (Class B), Add	11.38	
			For 4" Or 6" WG (Class A), Add	24.27	
			For 10" WG (Class A), Add	34.89	
			For Work In Restricted Working Space, Add	22.75	
23 31	13 13-0420	LF	26" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.74	46.92
			For 3" WG (Class B), Add	11.73	
			For 4" Or 6" WG (Class A), Add	25.02	
			For 10" WG (Class A), Add	35.97	
			For Work In Restricted Working Space, Add	23.46	
23 31	13 13-0421	LF	26" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34
			For 3" WG (Class B), Add	12.09	
			For 4" Or 6" WG (Class A), Add	25.78	
			For 10" WG (Class A), Add	37.06	
			For Work In Restricted Working Space, Add	24.17	
23 31	13 13-0422	LF	26" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	98.37	49.76
			For 3" WG (Class B), Add	12.44	
			For 4" Or 6" WG (Class A), Add	26.54	
			For 10" WG (Class A), Add	38.16	
			For Work In Restricted Working Space, Add	24.89	
23 31	13 13-0423	LF	26" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19
			For 3" WG (Class B), Add	12.80	
			For 4" Or 6" WG (Class A), Add	27.30	
			For 10" WG (Class A), Add	39.25	
			For Work In Restricted Working Space, Add	25.60	
23 31	13 13-0424	LF	26" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61
			For 3" WG (Class B), Add	13.15	
			For 4" Or 6" WG (Class A), Add	28.06	
			For 10" WG (Class A), Add	40.33	
			For Work In Restricted Working Space, Add	26.30	
23 31	13 13-0425	LF	28" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	78.69	39.81
			For 3" WG (Class B), Add	9.95	
			For 4" Or 6" WG (Class A), Add	21.23	
			For 10" WG (Class A), Add	30.52	
			For Work In Restricted Working Space, Add	19.91	
23 31	13 13-0426	LF	28" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.50	41.24
			For 3" WG (Class B), Add	10.31	
			For 4" Or 6" WG (Class A), Add	21.99	
			For 10" WG (Class A), Add	31.61	
			For Work In Restricted Working Space, Add	20.62	
23 31	13 13-0427	LF	28" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66
			For 3" WG (Class B), Add	10.66	
			For 4" Or 6" WG (Class A), Add	22.75	
			For 10" WG (Class A), Add	32.70	
			For Work In Restricted Working Space, Add	21.33	
23 31	13 13-0428	LF	28" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	87.12	44.07
			For 3" WG (Class B), Add	11.02	
			For 4" Or 6" WG (Class A), Add	23.51	
			For 10" WG (Class A), Add	33.79	
			For Work In Restricted Working Space, Add	22.04	
23 31	13 13-0429	LF	28" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50
			For 3" WG (Class B), Add	11.38	
			For 4" Or 6" WG (Class A), Add	24.27	
			For 10" WG (Class A), Add	34.89	
			For Work In Restricted Working Space, Add	22.75	
23 31	13 13-0430	LF	28" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.74	46.92
			For 3" WG (Class B), Add	11.73	
			For 4" Or 6" WG (Class A), Add	25.02	
			For 10" WG (Class A), Add	35.97	
			For Work In Restricted Working Space, Add	23.46	
23 31	13 13-0431	LF	28" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34
			For 3" WG (Class B), Add	12.09	
			For 4" Or 6" WG (Class A), Add	25.78	
			For 10" WG (Class A), Add	37.06	
			For Work In Restricted Working Space, Add	24.17	
23 31	13 13-0432	LF	28" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	98.37	49.76
			For 3" WG (Class B), Add	12.44	
			For 4" Or 6" WG (Class A), Add	26.54	
			For 10" WG (Class A), Add	38.16	
			For Work In Restricted Working Space, Add	24.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0433	LF	28" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19	
		For 3" WG (Class B), Add	12.80		
		For 4" Or 6" WG (Class A), Add	27.30		
		For 10" WG (Class A), Add	39.25		
		For Work In Restricted Working Space, Add	25.60		
23 31 13 13-0434	LF	28" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61	
		For 3" WG (Class B), Add	13.15		
		For 4" Or 6" WG (Class A), Add	28.06		
		For 10" WG (Class A), Add	40.33		
		For Work In Restricted Working Space, Add	26.30		
23 31 13 13-0435	LF	28" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03	
		For 3" WG (Class B), Add	13.51		
		For 4" Or 6" WG (Class A), Add	28.82		
		For 10" WG (Class A), Add	41.42		
		For Work In Restricted Working Space, Add	27.02		
23 31 13 13-0436	LF	30" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	84.31	42.66	
		For 3" WG (Class B), Add	10.66		
		For 4" Or 6" WG (Class A), Add	22.75		
		For 10" WG (Class A), Add	32.70		
		For Work In Restricted Working Space, Add	21.33		
23 31 13 13-0437	LF	30" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	87.12	44.07	
		For 3" WG (Class B), Add	11.02		
		For 4" Or 6" WG (Class A), Add	23.51		
		For 10" WG (Class A), Add	33.79		
		For Work In Restricted Working Space, Add	22.04		
23 31 13 13-0438	LF	30" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50	
		For 3" WG (Class B), Add	11.38		
		For 4" Or 6" WG (Class A), Add	24.27		
		For 10" WG (Class A), Add	34.89		
		For Work In Restricted Working Space, Add	22.75		
23 31 13 13-0439	LF	30" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.74	46.92	
		For 3" WG (Class B), Add	11.73		
		For 4" Or 6" WG (Class A), Add	25.02		
		For 10" WG (Class A), Add	35.97		
		For Work In Restricted Working Space, Add	23.46		
23 31 13 13-0440	LF	30" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34	
		For 3" WG (Class B), Add	12.09		
		For 4" Or 6" WG (Class A), Add	25.78		
		For 10" WG (Class A), Add	37.06		
		For Work In Restricted Working Space, Add	24.17		
23 31 13 13-0441	LF	30" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	98.37	49.76	
		For 3" WG (Class B), Add	12.44		
		For 4" Or 6" WG (Class A), Add	26.54		
		For 10" WG (Class A), Add	38.16		
		For Work In Restricted Working Space, Add	24.89		
23 31 13 13-0442	LF	30" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19	
		For 3" WG (Class B), Add	12.80		
		For 4" Or 6" WG (Class A), Add	27.30		
		For 10" WG (Class A), Add	39.25		
		For Work In Restricted Working Space, Add	25.60		
23 31 13 13-0443	LF	30" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61	
		For 3" WG (Class B), Add	13.15		
		For 4" Or 6" WG (Class A), Add	28.06		
		For 10" WG (Class A), Add	40.33		
		For Work In Restricted Working Space, Add	26.30		
23 31 13 13-0444	LF	30" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03	
		For 3" WG (Class B), Add	13.51		
		For 4" Or 6" WG (Class A), Add	28.82		
		For 10" WG (Class A), Add	41.42		
		For Work In Restricted Working Space, Add	27.02		
23 31 13 13-0445	LF	30" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.62	55.46	
		For 3" WG (Class B), Add	13.86		
		For 4" Or 6" WG (Class A), Add	29.58		
		For 10" WG (Class A), Add	42.52		
		For Work In Restricted Working Space, Add	27.73		
23 31 13 13-0446	LF	32" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.94	45.50	
		For 3" WG (Class B), Add	11.38		
		For 4" Or 6" WG (Class A), Add	24.27		
		For 10" WG (Class A), Add	34.89		
		For Work In Restricted Working Space, Add	22.75		
23 31 13 13-0447	LF	32" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.74	46.92	
		For 3" WG (Class B), Add	11.73		
		For 4" Or 6" WG (Class A), Add	25.02		
		For 10" WG (Class A), Add	35.97		
		For Work In Restricted Working Space, Add	23.46		
23 31 13 13-0448	LF	32" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34	
		For 3" WG (Class B), Add	12.09		
		For 4" Or 6" WG (Class A), Add	25.78		
		For 10" WG (Class A), Add	37.06		
		For Work In Restricted Working Space, Add	24.17		
23 31 13 13-0449	LF	32" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	98.37	49.76	
		For 3" WG (Class B), Add	12.44		
		For 4" Or 6" WG (Class A), Add	26.54		
		For 10" WG (Class A), Add	38.16		
		For Work In Restricted Working Space, Add	24.89		
23 31 13 13-0450	LF	32" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19	
		For 3" WG (Class B), Add	12.80		
		For 4" Or 6" WG (Class A), Add	27.30		
		For 10" WG (Class A), Add	39.25		
		For Work In Restricted Working Space, Add	25.60		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0451	LF	32" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61
			<i>For 3" WG (Class B), Add</i>	13.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.06	
			<i>For 10" WG (Class A), Add</i>	40.33	
			<i>For Work In Restricted Working Space, Add</i>	26.30	
23 31	13 13-0452	LF	32" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03
			<i>For 3" WG (Class B), Add</i>	13.51	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.82	
			<i>For 10" WG (Class A), Add</i>	41.42	
			<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31	13 13-0453	LF	32" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.62	55.46
			<i>For 3" WG (Class B), Add</i>	13.86	
			<i>For 4" Or 6" WG (Class A), Add</i>	29.58	
			<i>For 10" WG (Class A), Add</i>	42.52	
			<i>For Work In Restricted Working Space, Add</i>	27.73	
23 31	13 13-0454	LF	32" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.42	56.87
			<i>For 3" WG (Class B), Add</i>	14.22	
			<i>For 4" Or 6" WG (Class A), Add</i>	30.33	
			<i>For 10" WG (Class A), Add</i>	43.60	
			<i>For Work In Restricted Working Space, Add</i>	28.44	
23 31	13 13-0455	LF	34" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.55	48.34
			<i>For 3" WG (Class B), Add</i>	12.09	
			<i>For 4" Or 6" WG (Class A), Add</i>	25.78	
			<i>For 10" WG (Class A), Add</i>	37.06	
			<i>For Work In Restricted Working Space, Add</i>	24.17	
23 31	13 13-0456	LF	34" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	98.37	49.76
			<i>For 3" WG (Class B), Add</i>	12.44	
			<i>For 4" Or 6" WG (Class A), Add</i>	26.54	
			<i>For 10" WG (Class A), Add</i>	38.16	
			<i>For Work In Restricted Working Space, Add</i>	24.89	
23 31	13 13-0457	LF	34" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19
			<i>For 3" WG (Class B), Add</i>	12.80	
			<i>For 4" Or 6" WG (Class A), Add</i>	27.30	
			<i>For 10" WG (Class A), Add</i>	39.25	
			<i>For Work In Restricted Working Space, Add</i>	25.60	
23 31	13 13-0458	LF	34" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61
			<i>For 3" WG (Class B), Add</i>	13.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.06	
			<i>For 10" WG (Class A), Add</i>	40.33	
			<i>For Work In Restricted Working Space, Add</i>	26.30	
23 31	13 13-0459	LF	34" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03
			<i>For 3" WG (Class B), Add</i>	13.51	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.82	
			<i>For 10" WG (Class A), Add</i>	41.42	
			<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31	13 13-0460	LF	34" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.62	55.46
			<i>For 3" WG (Class B), Add</i>	13.86	
			<i>For 4" Or 6" WG (Class A), Add</i>	29.58	
			<i>For 10" WG (Class A), Add</i>	42.52	
			<i>For Work In Restricted Working Space, Add</i>	27.73	
23 31	13 13-0461	LF	34" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.42	56.87
			<i>For 3" WG (Class B), Add</i>	14.22	
			<i>For 4" Or 6" WG (Class A), Add</i>	30.33	
			<i>For 10" WG (Class A), Add</i>	43.60	
			<i>For Work In Restricted Working Space, Add</i>	28.44	
23 31	13 13-0462	LF	34" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.23	58.30
			<i>For 3" WG (Class B), Add</i>	14.57	
			<i>For 4" Or 6" WG (Class A), Add</i>	31.09	
			<i>For 10" WG (Class A), Add</i>	44.69	
			<i>For Work In Restricted Working Space, Add</i>	29.15	
23 31	13 13-0463	LF	36" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	101.19	51.19
			<i>For 3" WG (Class B), Add</i>	12.80	
			<i>For 4" Or 6" WG (Class A), Add</i>	27.30	
			<i>For 10" WG (Class A), Add</i>	39.25	
			<i>For Work In Restricted Working Space, Add</i>	25.60	
23 31	13 13-0464	LF	36" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.99	52.61
			<i>For 3" WG (Class B), Add</i>	13.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.06	
			<i>For 10" WG (Class A), Add</i>	40.33	
			<i>For Work In Restricted Working Space, Add</i>	26.30	
23 31	13 13-0465	LF	36" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03
			<i>For 3" WG (Class B), Add</i>	13.51	
			<i>For 4" Or 6" WG (Class A), Add</i>	28.82	
			<i>For 10" WG (Class A), Add</i>	41.42	
			<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31	13 13-0466	LF	36" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.62	55.46
			<i>For 3" WG (Class B), Add</i>	13.86	
			<i>For 4" Or 6" WG (Class A), Add</i>	29.58	
			<i>For 10" WG (Class A), Add</i>	42.52	
			<i>For Work In Restricted Working Space, Add</i>	27.73	
23 31	13 13-0467	LF	36" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.42	56.87
			<i>For 3" WG (Class B), Add</i>	14.22	
			<i>For 4" Or 6" WG (Class A), Add</i>	30.33	
			<i>For 10" WG (Class A), Add</i>	43.60	
			<i>For Work In Restricted Working Space, Add</i>	28.44	
23 31	13 13-0468	LF	36" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.23	58.30
			<i>For 3" WG (Class B), Add</i>	14.57	
			<i>For 4" Or 6" WG (Class A), Add</i>	31.09	
			<i>For 10" WG (Class A), Add</i>	44.69	
			<i>For Work In Restricted Working Space, Add</i>	29.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0469	LF		36" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	118.04	59.73
			For 3" WG (Class B), Add	14.93	
			For 4" Or 6" WG (Class A), Add	31.85	
			For 10" WG (Class A), Add	45.78	
			For Work In Restricted Working Space, Add	29.86	
23 31 13 13-0470	LF		38" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	106.80	54.03
			For 3" WG (Class B), Add	13.51	
			For 4" Or 6" WG (Class A), Add	28.82	
			For 10" WG (Class A), Add	41.42	
			For Work In Restricted Working Space, Add	27.02	
23 31 13 13-0471	LF		38" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.62	55.46
			For 3" WG (Class B), Add	13.86	
			For 4" Or 6" WG (Class A), Add	29.58	
			For 10" WG (Class A), Add	42.52	
			For Work In Restricted Working Space, Add	27.73	
23 31 13 13-0472	LF		38" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.42	56.87
			For 3" WG (Class B), Add	14.22	
			For 4" Or 6" WG (Class A), Add	30.33	
			For 10" WG (Class A), Add	43.60	
			For Work In Restricted Working Space, Add	28.44	
23 31 13 13-0473	LF		38" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.23	58.30
			For 3" WG (Class B), Add	14.57	
			For 4" Or 6" WG (Class A), Add	31.09	
			For 10" WG (Class A), Add	44.69	
			For Work In Restricted Working Space, Add	29.15	
23 31 13 13-0474	LF		38" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	118.04	59.73
			For 3" WG (Class B), Add	14.93	
			For 4" Or 6" WG (Class A), Add	31.85	
			For 10" WG (Class A), Add	45.78	
			For Work In Restricted Working Space, Add	29.86	
23 31 13 13-0475	LF		38" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.85	61.13
			For 3" WG (Class B), Add	15.29	
			For 4" Or 6" WG (Class A), Add	32.61	
			For 10" WG (Class A), Add	46.87	
			For Work In Restricted Working Space, Add	30.57	
23 31 13 13-0476	LF		38" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	123.66	62.56
			For 3" WG (Class B), Add	15.64	
			For 4" Or 6" WG (Class A), Add	33.37	
			For 10" WG (Class A), Add	47.96	
			For Work In Restricted Working Space, Add	31.28	
23 31 13 13-0477	LF		40" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.42	56.87
			For 3" WG (Class B), Add	14.22	
			For 4" Or 6" WG (Class A), Add	30.33	
			For 10" WG (Class A), Add	43.60	
			For Work In Restricted Working Space, Add	28.44	
23 31 13 13-0478	LF		40" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.23	58.30
			For 3" WG (Class B), Add	14.57	
			For 4" Or 6" WG (Class A), Add	31.09	
			For 10" WG (Class A), Add	44.69	
			For Work In Restricted Working Space, Add	29.15	
23 31 13 13-0479	LF		40" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	118.04	59.73
			For 3" WG (Class B), Add	14.93	
			For 4" Or 6" WG (Class A), Add	31.85	
			For 10" WG (Class A), Add	45.78	
			For Work In Restricted Working Space, Add	29.86	
23 31 13 13-0480	LF		40" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.85	61.13
			For 3" WG (Class B), Add	15.29	
			For 4" Or 6" WG (Class A), Add	32.61	
			For 10" WG (Class A), Add	46.87	
			For Work In Restricted Working Space, Add	30.57	
23 31 13 13-0481	LF		40" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	123.66	62.56
			For 3" WG (Class B), Add	15.64	
			For 4" Or 6" WG (Class A), Add	33.37	
			For 10" WG (Class A), Add	47.96	
			For Work In Restricted Working Space, Add	31.28	
23 31 13 13-0482	LF		40" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	126.48	63.98
			For 3" WG (Class B), Add	16.00	
			For 4" Or 6" WG (Class A), Add	34.13	
			For 10" WG (Class A), Add	49.06	
			For Work In Restricted Working Space, Add	32.00	
23 31 13 13-0483	LF		40" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.27	65.40
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31 13 13-0484	LF		40" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.09	66.83
			For 3" WG (Class B), Add	16.71	
			For 4" Or 6" WG (Class A), Add	35.64	
			For 10" WG (Class A), Add	51.23	
			For Work In Restricted Working Space, Add	33.41	
23 31 13 13-0485	LF		42" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	118.04	59.73
			For 3" WG (Class B), Add	14.93	
			For 4" Or 6" WG (Class A), Add	31.85	
			For 10" WG (Class A), Add	45.78	
			For Work In Restricted Working Space, Add	29.86	
23 31 13 13-0486	LF		42" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.85	61.13
			For 3" WG (Class B), Add	15.29	
			For 4" Or 6" WG (Class A), Add	32.61	
			For 10" WG (Class A), Add	46.87	
			For Work In Restricted Working Space, Add	30.57	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0487	LF	42" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	123.66	62.56
			For 3" WG (Class B), Add	15.64	
			For 4" Or 6" WG (Class A), Add	33.37	
			For 10" WG (Class A), Add	47.96	
			For Work In Restricted Working Space, Add	31.28	
23 31	13 13-0488	LF	42" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	126.48	63.98
			For 3" WG (Class B), Add	16.00	
			For 4" Or 6" WG (Class A), Add	34.13	
			For 10" WG (Class A), Add	49.06	
			For Work In Restricted Working Space, Add	32.00	
23 31	13 13-0489	LF	42" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.27	65.40
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31	13 13-0490	LF	42" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.09	66.83
			For 3" WG (Class B), Add	16.71	
			For 4" Or 6" WG (Class A), Add	35.64	
			For 10" WG (Class A), Add	51.23	
			For Work In Restricted Working Space, Add	33.41	
23 31	13 13-0491	LF	42" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	134.90	68.25
			For 3" WG (Class B), Add	17.06	
			For 4" Or 6" WG (Class A), Add	36.40	
			For 10" WG (Class A), Add	52.33	
			For Work In Restricted Working Space, Add	34.13	
23 31	13 13-0492	LF	44" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	123.66	62.56
			For 3" WG (Class B), Add	15.64	
			For 4" Or 6" WG (Class A), Add	33.37	
			For 10" WG (Class A), Add	47.96	
			For Work In Restricted Working Space, Add	31.28	
23 31	13 13-0493	LF	44" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	126.48	63.98
			For 3" WG (Class B), Add	16.00	
			For 4" Or 6" WG (Class A), Add	34.13	
			For 10" WG (Class A), Add	49.06	
			For Work In Restricted Working Space, Add	32.00	
23 31	13 13-0494	LF	44" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.27	65.40
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31	13 13-0495	LF	44" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.09	66.83
			For 3" WG (Class B), Add	16.71	
			For 4" Or 6" WG (Class A), Add	35.64	
			For 10" WG (Class A), Add	51.23	
			For Work In Restricted Working Space, Add	33.41	
23 31	13 13-0496	LF	44" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	134.90	68.25
			For 3" WG (Class B), Add	17.06	
			For 4" Or 6" WG (Class A), Add	36.40	
			For 10" WG (Class A), Add	52.33	
			For Work In Restricted Working Space, Add	34.13	
23 31	13 13-0497	LF	44" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.71	69.67
			For 3" WG (Class B), Add	17.42	
			For 4" Or 6" WG (Class A), Add	37.16	
			For 10" WG (Class A), Add	53.42	
			For Work In Restricted Working Space, Add	34.84	
23 31	13 13-0498	LF	46" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.27	65.40
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31	13 13-0499	LF	46" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.09	66.83
			For 3" WG (Class B), Add	16.71	
			For 4" Or 6" WG (Class A), Add	35.64	
			For 10" WG (Class A), Add	51.23	
			For Work In Restricted Working Space, Add	33.41	
23 31	13 13-0500	LF	46" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	134.90	68.25
			For 3" WG (Class B), Add	17.06	
			For 4" Or 6" WG (Class A), Add	36.40	
			For 10" WG (Class A), Add	52.33	
			For Work In Restricted Working Space, Add	34.13	
23 31	13 13-0501	LF	46" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.71	69.67
			For 3" WG (Class B), Add	17.42	
			For 4" Or 6" WG (Class A), Add	37.16	
			For 10" WG (Class A), Add	53.42	
			For Work In Restricted Working Space, Add	34.84	
23 31	13 13-0502	LF	46" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	140.52	71.09
			For 3" WG (Class B), Add	17.77	
			For 4" Or 6" WG (Class A), Add	37.91	
			For 10" WG (Class A), Add	54.50	
			For Work In Restricted Working Space, Add	35.54	
23 31	13 13-0503	LF	48" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	134.90	68.25
			For 3" WG (Class B), Add	17.06	
			For 4" Or 6" WG (Class A), Add	36.40	
			For 10" WG (Class A), Add	52.33	
			For Work In Restricted Working Space, Add	34.13	
23 31	13 13-0504	LF	48" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.71	69.67
			For 3" WG (Class B), Add	17.42	
			For 4" Or 6" WG (Class A), Add	37.16	
			For 10" WG (Class A), Add	53.42	
			For Work In Restricted Working Space, Add	34.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0505	LF		48" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	140.52	71.09
			For 3" WG (Class B), Add	17.77	
			For 4" Or 6" WG (Class A), Add	37.91	
			For 10" WG (Class A), Add	54.50	
			For Work In Restricted Working Space, Add	35.54	
23 31 13 13-0506	LF		48" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	143.34	72.52
			For 3" WG (Class B), Add	18.13	
			For 4" Or 6" WG (Class A), Add	38.68	
			For 10" WG (Class A), Add	55.60	
			For Work In Restricted Working Space, Add	36.26	
23 31 13 13-0507	LF		50" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	140.52	71.09
			For 3" WG (Class B), Add	17.77	
			For 4" Or 6" WG (Class A), Add	37.91	
			For 10" WG (Class A), Add	54.50	
			For Work In Restricted Working Space, Add	35.54	
23 31 13 13-0508	LF		50" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	143.34	72.52
			For 3" WG (Class B), Add	18.13	
			For 4" Or 6" WG (Class A), Add	38.68	
			For 10" WG (Class A), Add	55.60	
			For Work In Restricted Working Space, Add	36.26	
23 31 13 13-0509	LF		50" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.15	73.94
			For 3" WG (Class B), Add	18.48	
			For 4" Or 6" WG (Class A), Add	39.43	
			For 10" WG (Class A), Add	56.69	
			For Work In Restricted Working Space, Add	36.97	
23 31 13 13-0510	LF		52" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.15	73.94
			For 3" WG (Class B), Add	18.48	
			For 4" Or 6" WG (Class A), Add	39.43	
			For 10" WG (Class A), Add	56.69	
			For Work In Restricted Working Space, Add	36.97	
23 31 13 13-0511	LF		52" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	148.96	75.36
			For 3" WG (Class B), Add	18.84	
			For 4" Or 6" WG (Class A), Add	40.19	
			For 10" WG (Class A), Add	57.78	
			For Work In Restricted Working Space, Add	37.68	
23 31 13 13-0512	LF		54" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork.....	151.77	76.79
			For 3" WG (Class B), Add	19.20	
			For 4" Or 6" WG (Class A), Add	40.95	
			For 10" WG (Class A), Add	58.87	
			For Work In Restricted Working Space, Add	38.39	
23 31 13 13-0513			20 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0514	LF		4" x 4", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	13.23	6.70
			For 3" WG (Class B), Add	1.67	
			For 4" Or 6" WG (Class A), Add	3.57	
			For 10" WG (Class A), Add	5.13	
			For Work In Restricted Working Space, Add	3.35	
23 31 13 13-0515	LF		4" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	16.55	8.37
			For 3" WG (Class B), Add	2.09	
			For 4" Or 6" WG (Class A), Add	4.47	
			For 10" WG (Class A), Add	6.42	
			For Work In Restricted Working Space, Add	4.19	
23 31 13 13-0516	LF		4" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.87	10.04
			For 3" WG (Class B), Add	2.51	
			For 4" Or 6" WG (Class A), Add	5.36	
			For 10" WG (Class A), Add	7.71	
			For Work In Restricted Working Space, Add	5.03	
23 31 13 13-0517	LF		4" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.17	11.73
			For 3" WG (Class B), Add	2.93	
			For 4" Or 6" WG (Class A), Add	6.25	
			For 10" WG (Class A), Add	8.99	
			For Work In Restricted Working Space, Add	5.86	
23 31 13 13-0518	LF		4" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.48	13.40
			For 3" WG (Class B), Add	3.35	
			For 4" Or 6" WG (Class A), Add	7.15	
			For 10" WG (Class A), Add	10.27	
			For Work In Restricted Working Space, Add	6.70	
23 31 13 13-0519	LF		4" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.80	15.08
			For 3" WG (Class B), Add	3.77	
			For 4" Or 6" WG (Class A), Add	8.04	
			For 10" WG (Class A), Add	11.56	
			For Work In Restricted Working Space, Add	7.54	
23 31 13 13-0520	LF		4" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.10	16.75
			For 3" WG (Class B), Add	4.19	
			For 4" Or 6" WG (Class A), Add	8.93	
			For 10" WG (Class A), Add	12.84	
			For Work In Restricted Working Space, Add	8.37	
23 31 13 13-0521	LF		6" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	19.87	10.04
			For 3" WG (Class B), Add	2.51	
			For 4" Or 6" WG (Class A), Add	5.36	
			For 10" WG (Class A), Add	7.71	
			For Work In Restricted Working Space, Add	5.03	
23 31 13 13-0522	LF		6" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	23.17	11.73
			For 3" WG (Class B), Add	2.93	
			For 4" Or 6" WG (Class A), Add	6.25	
			For 10" WG (Class A), Add	8.99	
			For Work In Restricted Working Space, Add	5.86	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0523	LF		6" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.48	13.40
			For 3" WG (Class B), Add	3.35	
			For 4" Or 6" WG (Class A), Add	7.15	
			For 10" WG (Class A), Add	10.27	
			For Work In Restricted Working Space, Add	6.70	
23 31 13 13-0524	LF		6" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.80	15.08
			For 3" WG (Class B), Add	3.77	
			For 4" Or 6" WG (Class A), Add	8.04	
			For 10" WG (Class A), Add	11.56	
			For Work In Restricted Working Space, Add	7.54	
23 31 13 13-0525	LF		6" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.10	16.75
			For 3" WG (Class B), Add	4.19	
			For 4" Or 6" WG (Class A), Add	8.93	
			For 10" WG (Class A), Add	12.84	
			For Work In Restricted Working Space, Add	8.37	
23 31 13 13-0526	LF		6" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.41	18.42
			For 3" WG (Class B), Add	4.61	
			For 4" Or 6" WG (Class A), Add	9.82	
			For 10" WG (Class A), Add	14.12	
			For Work In Restricted Working Space, Add	9.21	
23 31 13 13-0527	LF		8" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	26.48	13.40
			For 3" WG (Class B), Add	3.35	
			For 4" Or 6" WG (Class A), Add	7.15	
			For 10" WG (Class A), Add	10.27	
			For Work In Restricted Working Space, Add	6.70	
23 31 13 13-0528	LF		8" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	29.80	15.08
			For 3" WG (Class B), Add	3.77	
			For 4" Or 6" WG (Class A), Add	8.04	
			For 10" WG (Class A), Add	11.56	
			For Work In Restricted Working Space, Add	7.54	
23 31 13 13-0529	LF		8" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.10	16.75
			For 3" WG (Class B), Add	4.19	
			For 4" Or 6" WG (Class A), Add	8.93	
			For 10" WG (Class A), Add	12.84	
			For Work In Restricted Working Space, Add	8.37	
23 31 13 13-0530	LF		8" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.41	18.42
			For 3" WG (Class B), Add	4.61	
			For 4" Or 6" WG (Class A), Add	9.82	
			For 10" WG (Class A), Add	14.12	
			For Work In Restricted Working Space, Add	9.21	
23 31 13 13-0531	LF		8" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.72	20.10
			For 3" WG (Class B), Add	5.03	
			For 4" Or 6" WG (Class A), Add	10.72	
			For 10" WG (Class A), Add	15.41	
			For Work In Restricted Working Space, Add	10.05	
23 31 13 13-0532	LF		8" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	43.03	21.77
			For 3" WG (Class B), Add	5.44	
			For 4" Or 6" WG (Class A), Add	11.61	
			For 10" WG (Class A), Add	16.69	
			For Work In Restricted Working Space, Add	10.88	
23 31 13 13-0533	LF		8" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.34	23.44
			For 3" WG (Class B), Add	5.86	
			For 4" Or 6" WG (Class A), Add	12.50	
			For 10" WG (Class A), Add	17.97	
			For Work In Restricted Working Space, Add	11.72	
23 31 13 13-0534	LF		8" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	49.65	25.12
			For 3" WG (Class B), Add	6.28	
			For 4" Or 6" WG (Class A), Add	13.40	
			For 10" WG (Class A), Add	19.26	
			For Work In Restricted Working Space, Add	12.56	
23 31 13 13-0535	LF		8" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	52.97	26.79
			For 3" WG (Class B), Add	6.70	
			For 4" Or 6" WG (Class A), Add	14.29	
			For 10" WG (Class A), Add	20.54	
			For Work In Restricted Working Space, Add	13.40	
23 31 13 13-0536	LF		10" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	33.10	16.75
			For 3" WG (Class B), Add	4.19	
			For 4" Or 6" WG (Class A), Add	8.93	
			For 10" WG (Class A), Add	12.84	
			For Work In Restricted Working Space, Add	8.37	
23 31 13 13-0537	LF		10" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	36.41	18.42
			For 3" WG (Class B), Add	4.61	
			For 4" Or 6" WG (Class A), Add	9.82	
			For 10" WG (Class A), Add	14.12	
			For Work In Restricted Working Space, Add	9.21	
23 31 13 13-0538	LF		10" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	39.72	20.10
			For 3" WG (Class B), Add	5.03	
			For 4" Or 6" WG (Class A), Add	10.72	
			For 10" WG (Class A), Add	15.41	
			For Work In Restricted Working Space, Add	10.05	
23 31 13 13-0539	LF		10" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	43.03	21.77
			For 3" WG (Class B), Add	5.44	
			For 4" Or 6" WG (Class A), Add	11.61	
			For 10" WG (Class A), Add	16.69	
			For Work In Restricted Working Space, Add	10.88	
23 31 13 13-0540	LF		10" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.34	23.44
			For 3" WG (Class B), Add	5.86	
			For 4" Or 6" WG (Class A), Add	12.50	
			For 10" WG (Class A), Add	17.97	
			For Work In Restricted Working Space, Add	11.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0541	LF	10" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	49.65 6.28 13.40 19.26 12.56	25.12
23 31 13	13-0542	LF	10" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	52.97 6.70 14.29 20.54 13.40	26.79
23 31 13	13-0543	LF	10" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	56.28 7.12 15.18 21.83 14.24	28.47
23 31 13	13-0544	LF	10" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	59.58 7.54 16.08 23.11 15.07	30.14
23 31 13	13-0545	LF	10" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	62.89 7.95 16.97 24.39 15.91	31.82
23 31 13	13-0546	LF	10" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	66.20 8.37 17.86 25.68 16.75	33.50
23 31 13	13-0547	LF	10" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	69.52 8.79 18.76 26.97 17.59	35.17
23 31 13	13-0548	LF	12" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	39.72 5.03 10.72 15.41 10.05	20.10
23 31 13	13-0549	LF	12" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	43.03 5.44 11.61 16.69 10.88	21.77
23 31 13	13-0550	LF	12" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	46.34 5.86 12.50 17.97 11.72	23.44
23 31 13	13-0551	LF	12" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	49.65 6.28 13.40 19.26 12.56	25.12
23 31 13	13-0552	LF	12" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	52.97 6.70 14.29 20.54 13.40	26.79
23 31 13	13-0553	LF	12" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	56.28 7.12 15.18 21.83 14.24	28.47
23 31 13	13-0554	LF	12" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	59.58 7.54 16.08 23.11 15.07	30.14
23 31 13	13-0555	LF	12" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	62.89 7.95 16.97 24.39 15.91	31.82
23 31 13	13-0556	LF	12" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	66.20 8.37 17.86 25.68 16.75	33.50
23 31 13	13-0557	LF	12" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	69.52 8.79 18.76 26.97 17.59	35.17
23 31 13	13-0558	LF	12" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	72.83 9.21 19.65 28.25 18.42	36.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0559	LF	12" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31	13 13-0560	LF	12" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	
23 31	13 13-0561	LF	14" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	46.34	23.44
			For 3" WG (Class B), Add	5.86	
			For 4" Or 6" WG (Class A), Add	12.50	
			For 10" WG (Class A), Add	17.97	
			For Work In Restricted Working Space, Add	11.72	
23 31	13 13-0562	LF	14" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	49.65	25.12
			For 3" WG (Class B), Add	6.28	
			For 4" Or 6" WG (Class A), Add	13.40	
			For 10" WG (Class A), Add	19.26	
			For Work In Restricted Working Space, Add	12.56	
23 31	13 13-0563	LF	14" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	52.97	26.79
			For 3" WG (Class B), Add	6.70	
			For 4" Or 6" WG (Class A), Add	14.29	
			For 10" WG (Class A), Add	20.54	
			For Work In Restricted Working Space, Add	13.40	
23 31	13 13-0564	LF	14" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.28	28.47
			For 3" WG (Class B), Add	7.12	
			For 4" Or 6" WG (Class A), Add	15.18	
			For 10" WG (Class A), Add	21.83	
			For Work In Restricted Working Space, Add	14.24	
23 31	13 13-0565	LF	14" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.58	30.14
			For 3" WG (Class B), Add	7.54	
			For 4" Or 6" WG (Class A), Add	16.08	
			For 10" WG (Class A), Add	23.11	
			For Work In Restricted Working Space, Add	15.07	
23 31	13 13-0566	LF	14" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	62.89	31.82
			For 3" WG (Class B), Add	7.95	
			For 4" Or 6" WG (Class A), Add	16.97	
			For 10" WG (Class A), Add	24.39	
			For Work In Restricted Working Space, Add	15.91	
23 31	13 13-0567	LF	14" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	66.20	33.50
			For 3" WG (Class B), Add	8.37	
			For 4" Or 6" WG (Class A), Add	17.86	
			For 10" WG (Class A), Add	25.68	
			For Work In Restricted Working Space, Add	16.75	
23 31	13 13-0568	LF	14" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	69.52	35.17
			For 3" WG (Class B), Add	8.79	
			For 4" Or 6" WG (Class A), Add	18.76	
			For 10" WG (Class A), Add	26.97	
			For Work In Restricted Working Space, Add	17.59	
23 31	13 13-0569	LF	14" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	72.83	36.85
			For 3" WG (Class B), Add	9.21	
			For 4" Or 6" WG (Class A), Add	19.65	
			For 10" WG (Class A), Add	28.25	
			For Work In Restricted Working Space, Add	18.42	
23 31	13 13-0570	LF	14" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31	13 13-0571	LF	14" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	
23 31	13 13-0572	LF	14" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
			For 3" WG (Class B), Add	10.47	
			For 4" Or 6" WG (Class A), Add	22.33	
			For 10" WG (Class A), Add	32.10	
			For Work In Restricted Working Space, Add	20.93	
23 31	13 13-0573	LF	16" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	52.97	26.79
			For 3" WG (Class B), Add	6.70	
			For 4" Or 6" WG (Class A), Add	14.29	
			For 10" WG (Class A), Add	20.54	
			For Work In Restricted Working Space, Add	13.40	
23 31	13 13-0574	LF	16" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.28	28.47
			For 3" WG (Class B), Add	7.12	
			For 4" Or 6" WG (Class A), Add	15.18	
			For 10" WG (Class A), Add	21.83	
			For Work In Restricted Working Space, Add	14.24	
23 31	13 13-0575	LF	16" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.58	30.14
			For 3" WG (Class B), Add	7.54	
			For 4" Or 6" WG (Class A), Add	16.08	
			For 10" WG (Class A), Add	23.11	
			For Work In Restricted Working Space, Add	15.07	
23 31	13 13-0576	LF	16" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	62.89	31.82
			For 3" WG (Class B), Add	7.95	
			For 4" Or 6" WG (Class A), Add	16.97	
			For 10" WG (Class A), Add	24.39	
			For Work In Restricted Working Space, Add	15.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0577	LF	16" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	66.20	33.50
			For 3" WG (Class B), Add	8.37	
			For 4" Or 6" WG (Class A), Add	17.86	
			For 10" WG (Class A), Add	25.68	
			For Work In Restricted Working Space, Add	16.75	
23 31 13	13-0578	LF	16" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	69.52	35.17
			For 3" WG (Class B), Add	8.79	
			For 4" Or 6" WG (Class A), Add	18.76	
			For 10" WG (Class A), Add	26.97	
			For Work In Restricted Working Space, Add	17.59	
23 31 13	13-0579	LF	16" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	72.83	36.85
			For 3" WG (Class B), Add	9.21	
			For 4" Or 6" WG (Class A), Add	19.65	
			For 10" WG (Class A), Add	28.25	
			For Work In Restricted Working Space, Add	18.42	
23 31 13	13-0580	LF	16" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31 13	13-0581	LF	16" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	
23 31 13	13-0582	LF	16" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
			For 3" WG (Class B), Add	10.47	
			For 4" Or 6" WG (Class A), Add	22.33	
			For 10" WG (Class A), Add	32.10	
			For Work In Restricted Working Space, Add	20.93	
23 31 13	13-0583	LF	16" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
			For 3" WG (Class B), Add	10.89	
			For 4" Or 6" WG (Class A), Add	23.22	
			For 10" WG (Class A), Add	33.38	
			For Work In Restricted Working Space, Add	21.77	
23 31 13	13-0584	LF	16" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
			For 3" WG (Class B), Add	11.30	
			For 4" Or 6" WG (Class A), Add	24.12	
			For 10" WG (Class A), Add	34.67	
			For Work In Restricted Working Space, Add	22.61	
23 31 13	13-0585	LF	16" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
			For 3" WG (Class B), Add	11.72	
			For 4" Or 6" WG (Class A), Add	25.01	
			For 10" WG (Class A), Add	35.95	
			For Work In Restricted Working Space, Add	23.45	
23 31 13	13-0586	LF	16" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
			For 3" WG (Class B), Add	12.14	
			For 4" Or 6" WG (Class A), Add	25.90	
			For 10" WG (Class A), Add	37.23	
			For Work In Restricted Working Space, Add	24.28	
23 31 13	13-0587	LF	16" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31 13	13-0588	LF	18" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	59.58	30.14
			For 3" WG (Class B), Add	7.54	
			For 4" Or 6" WG (Class A), Add	16.08	
			For 10" WG (Class A), Add	23.11	
			For Work In Restricted Working Space, Add	15.07	
23 31 13	13-0589	LF	18" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	62.89	31.82
			For 3" WG (Class B), Add	7.95	
			For 4" Or 6" WG (Class A), Add	16.97	
			For 10" WG (Class A), Add	24.39	
			For Work In Restricted Working Space, Add	15.91	
23 31 13	13-0590	LF	18" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	66.20	33.50
			For 3" WG (Class B), Add	8.37	
			For 4" Or 6" WG (Class A), Add	17.86	
			For 10" WG (Class A), Add	25.68	
			For Work In Restricted Working Space, Add	16.75	
23 31 13	13-0591	LF	18" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	69.52	35.17
			For 3" WG (Class B), Add	8.79	
			For 4" Or 6" WG (Class A), Add	18.76	
			For 10" WG (Class A), Add	26.97	
			For Work In Restricted Working Space, Add	17.59	
23 31 13	13-0592	LF	18" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	72.83	36.85
			For 3" WG (Class B), Add	9.21	
			For 4" Or 6" WG (Class A), Add	19.65	
			For 10" WG (Class A), Add	28.25	
			For Work In Restricted Working Space, Add	18.42	
23 31 13	13-0593	LF	18" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31 13	13-0594	LF	18" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0595	LF	18" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
			For 3" WG (Class B), Add	10.47	
			For 4" Or 6" WG (Class A), Add	22.33	
			For 10" WG (Class A), Add	32.10	
			For Work In Restricted Working Space, Add	20.93	
23 31	13 13-0596	LF	18" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
			For 3" WG (Class B), Add	10.89	
			For 4" Or 6" WG (Class A), Add	23.22	
			For 10" WG (Class A), Add	33.38	
			For Work In Restricted Working Space, Add	21.77	
23 31	13 13-0597	LF	18" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
			For 3" WG (Class B), Add	11.30	
			For 4" Or 6" WG (Class A), Add	24.12	
			For 10" WG (Class A), Add	34.67	
			For Work In Restricted Working Space, Add	22.61	
23 31	13 13-0598	LF	18" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
			For 3" WG (Class B), Add	11.72	
			For 4" Or 6" WG (Class A), Add	25.01	
			For 10" WG (Class A), Add	35.95	
			For Work In Restricted Working Space, Add	23.45	
23 31	13 13-0599	LF	18" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
			For 3" WG (Class B), Add	12.14	
			For 4" Or 6" WG (Class A), Add	25.90	
			For 10" WG (Class A), Add	37.23	
			For Work In Restricted Working Space, Add	24.28	
23 31	13 13-0600	LF	18" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31	13 13-0601	LF	18" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31	13 13-0602	LF	18" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31	13 13-0603	LF	20" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	66.20	33.50
			For 3" WG (Class B), Add	8.37	
			For 4" Or 6" WG (Class A), Add	17.86	
			For 10" WG (Class A), Add	25.68	
			For Work In Restricted Working Space, Add	16.75	
23 31	13 13-0604	LF	20" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	69.52	35.17
			For 3" WG (Class B), Add	8.79	
			For 4" Or 6" WG (Class A), Add	18.76	
			For 10" WG (Class A), Add	26.97	
			For Work In Restricted Working Space, Add	17.59	
23 31	13 13-0605	LF	20" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	72.83	36.85
			For 3" WG (Class B), Add	9.21	
			For 4" Or 6" WG (Class A), Add	19.65	
			For 10" WG (Class A), Add	28.25	
			For Work In Restricted Working Space, Add	18.42	
23 31	13 13-0606	LF	20" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31	13 13-0607	LF	20" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	
23 31	13 13-0608	LF	20" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
			For 3" WG (Class B), Add	10.47	
			For 4" Or 6" WG (Class A), Add	22.33	
			For 10" WG (Class A), Add	32.10	
			For Work In Restricted Working Space, Add	20.93	
23 31	13 13-0609	LF	20" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
			For 3" WG (Class B), Add	10.89	
			For 4" Or 6" WG (Class A), Add	23.22	
			For 10" WG (Class A), Add	33.38	
			For Work In Restricted Working Space, Add	21.77	
23 31	13 13-0610	LF	20" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
			For 3" WG (Class B), Add	11.30	
			For 4" Or 6" WG (Class A), Add	24.12	
			For 10" WG (Class A), Add	34.67	
			For Work In Restricted Working Space, Add	22.61	
23 31	13 13-0611	LF	20" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
			For 3" WG (Class B), Add	11.72	
			For 4" Or 6" WG (Class A), Add	25.01	
			For 10" WG (Class A), Add	35.95	
			For Work In Restricted Working Space, Add	23.45	
23 31	13 13-0612	LF	20" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
			For 3" WG (Class B), Add	12.14	
			For 4" Or 6" WG (Class A), Add	25.90	
			For 10" WG (Class A), Add	37.23	
			For Work In Restricted Working Space, Add	24.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0613	LF	20" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31 13	13-0614	LF	20" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31 13	13-0615	LF	20" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31 13	13-0616	LF	20" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31 13	13-0617	LF	20" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31 13	13-0618	LF	22" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	72.83	36.85
			For 3" WG (Class B), Add	9.21	
			For 4" Or 6" WG (Class A), Add	19.65	
			For 10" WG (Class A), Add	28.25	
			For Work In Restricted Working Space, Add	18.42	
23 31 13	13-0619	LF	22" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	76.13	38.52
			For 3" WG (Class B), Add	9.63	
			For 4" Or 6" WG (Class A), Add	20.54	
			For 10" WG (Class A), Add	29.53	
			For Work In Restricted Working Space, Add	19.26	
23 31 13	13-0620	LF	22" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
			For 3" WG (Class B), Add	10.05	
			For 4" Or 6" WG (Class A), Add	21.44	
			For 10" WG (Class A), Add	30.82	
			For Work In Restricted Working Space, Add	20.10	
23 31 13	13-0621	LF	22" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
			For 3" WG (Class B), Add	10.47	
			For 4" Or 6" WG (Class A), Add	22.33	
			For 10" WG (Class A), Add	32.10	
			For Work In Restricted Working Space, Add	20.93	
23 31 13	13-0622	LF	22" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
			For 3" WG (Class B), Add	10.89	
			For 4" Or 6" WG (Class A), Add	23.22	
			For 10" WG (Class A), Add	33.38	
			For Work In Restricted Working Space, Add	21.77	
23 31 13	13-0623	LF	22" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
			For 3" WG (Class B), Add	11.30	
			For 4" Or 6" WG (Class A), Add	24.12	
			For 10" WG (Class A), Add	34.67	
			For Work In Restricted Working Space, Add	22.61	
23 31 13	13-0624	LF	22" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
			For 3" WG (Class B), Add	11.72	
			For 4" Or 6" WG (Class A), Add	25.01	
			For 10" WG (Class A), Add	35.95	
			For Work In Restricted Working Space, Add	23.45	
23 31 13	13-0625	LF	22" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
			For 3" WG (Class B), Add	12.14	
			For 4" Or 6" WG (Class A), Add	25.90	
			For 10" WG (Class A), Add	37.23	
			For Work In Restricted Working Space, Add	24.28	
23 31 13	13-0626	LF	22" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31 13	13-0627	LF	22" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31 13	13-0628	LF	22" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31 13	13-0629	LF	22" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31 13	13-0630	LF	22" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0631	LF 22" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
	For 3" WG (Class B), Add	14.65	
	For 4" Or 6" WG (Class A), Add	31.26	
	For 10" WG (Class A), Add	44.94	
	For Work In Restricted Working Space, Add	29.31	
23 31 13 13-0632	LF 24" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	79.45	40.19
	For 3" WG (Class B), Add	10.05	
	For 4" Or 6" WG (Class A), Add	21.44	
	For 10" WG (Class A), Add	30.82	
	For Work In Restricted Working Space, Add	20.10	
23 31 13 13-0633	LF 24" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	82.75	41.87
	For 3" WG (Class B), Add	10.47	
	For 4" Or 6" WG (Class A), Add	22.33	
	For 10" WG (Class A), Add	32.10	
	For Work In Restricted Working Space, Add	20.93	
23 31 13 13-0634	LF 24" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
	For 3" WG (Class B), Add	10.89	
	For 4" Or 6" WG (Class A), Add	23.22	
	For 10" WG (Class A), Add	33.38	
	For Work In Restricted Working Space, Add	21.77	
23 31 13 13-0635	LF 24" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
	For 3" WG (Class B), Add	11.30	
	For 4" Or 6" WG (Class A), Add	24.12	
	For 10" WG (Class A), Add	34.67	
	For Work In Restricted Working Space, Add	22.61	
23 31 13 13-0636	LF 24" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
	For 3" WG (Class B), Add	11.72	
	For 4" Or 6" WG (Class A), Add	25.01	
	For 10" WG (Class A), Add	35.95	
	For Work In Restricted Working Space, Add	23.45	
23 31 13 13-0637	LF 24" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
	For 3" WG (Class B), Add	12.14	
	For 4" Or 6" WG (Class A), Add	25.90	
	For 10" WG (Class A), Add	37.23	
	For Work In Restricted Working Space, Add	24.28	
23 31 13 13-0638	LF 24" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
	For 3" WG (Class B), Add	12.56	
	For 4" Or 6" WG (Class A), Add	26.79	
	For 10" WG (Class A), Add	38.52	
	For Work In Restricted Working Space, Add	25.12	
23 31 13 13-0639	LF 24" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
	For 3" WG (Class B), Add	12.98	
	For 4" Or 6" WG (Class A), Add	27.69	
	For 10" WG (Class A), Add	39.80	
	For Work In Restricted Working Space, Add	25.96	
23 31 13 13-0640	LF 24" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
	For 3" WG (Class B), Add	13.40	
	For 4" Or 6" WG (Class A), Add	28.58	
	For 10" WG (Class A), Add	41.09	
	For Work In Restricted Working Space, Add	26.80	
23 31 13 13-0641	LF 24" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
	For 3" WG (Class B), Add	13.82	
	For 4" Or 6" WG (Class A), Add	29.47	
	For 10" WG (Class A), Add	42.37	
	For Work In Restricted Working Space, Add	27.63	
23 31 13 13-0642	LF 24" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
	For 3" WG (Class B), Add	14.24	
	For 4" Or 6" WG (Class A), Add	30.37	
	For 10" WG (Class A), Add	43.65	
	For Work In Restricted Working Space, Add	28.47	
23 31 13 13-0643	LF 24" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
	For 3" WG (Class B), Add	14.65	
	For 4" Or 6" WG (Class A), Add	31.26	
	For 10" WG (Class A), Add	44.94	
	For Work In Restricted Working Space, Add	29.31	
23 31 13 13-0644	LF 24" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
	For 3" WG (Class B), Add	15.07	
	For 4" Or 6" WG (Class A), Add	32.15	
	For 10" WG (Class A), Add	46.22	
	For Work In Restricted Working Space, Add	30.14	
23 31 13 13-0645	LF 26" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.07	43.54
	For 3" WG (Class B), Add	10.89	
	For 4" Or 6" WG (Class A), Add	23.22	
	For 10" WG (Class A), Add	33.38	
	For Work In Restricted Working Space, Add	21.77	
23 31 13 13-0646	LF 26" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	89.38	45.21
	For 3" WG (Class B), Add	11.30	
	For 4" Or 6" WG (Class A), Add	24.12	
	For 10" WG (Class A), Add	34.67	
	For Work In Restricted Working Space, Add	22.61	
23 31 13 13-0647	LF 26" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
	For 3" WG (Class B), Add	11.72	
	For 4" Or 6" WG (Class A), Add	25.01	
	For 10" WG (Class A), Add	35.95	
	For Work In Restricted Working Space, Add	23.45	
23 31 13 13-0648	LF 26" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
	For 3" WG (Class B), Add	12.14	
	For 4" Or 6" WG (Class A), Add	25.90	
	For 10" WG (Class A), Add	37.23	
	For Work In Restricted Working Space, Add	24.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0649	LF	26" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31 13	13-0650	LF	26" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31 13	13-0651	LF	26" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31 13	13-0652	LF	26" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31 13	13-0653	LF	26" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31 13	13-0654	LF	26" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
			For 3" WG (Class B), Add	14.65	
			For 4" Or 6" WG (Class A), Add	31.26	
			For 10" WG (Class A), Add	44.94	
			For Work In Restricted Working Space, Add	29.31	
23 31 13	13-0655	LF	26" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31 13	13-0656	LF	26" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	
23 31 13	13-0657	LF	28" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	92.68	46.89
			For 3" WG (Class B), Add	11.72	
			For 4" Or 6" WG (Class A), Add	25.01	
			For 10" WG (Class A), Add	35.95	
			For Work In Restricted Working Space, Add	23.45	
23 31 13	13-0658	LF	28" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	95.99	48.56
			For 3" WG (Class B), Add	12.14	
			For 4" Or 6" WG (Class A), Add	25.90	
			For 10" WG (Class A), Add	37.23	
			For Work In Restricted Working Space, Add	24.28	
23 31 13	13-0659	LF	28" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31 13	13-0660	LF	28" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31 13	13-0661	LF	28" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31 13	13-0662	LF	28" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31 13	13-0663	LF	28" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31 13	13-0664	LF	28" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
			For 3" WG (Class B), Add	14.65	
			For 4" Or 6" WG (Class A), Add	31.26	
			For 10" WG (Class A), Add	44.94	
			For Work In Restricted Working Space, Add	29.31	
23 31 13	13-0665	LF	28" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31 13	13-0666	LF	28" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0667	LF	28" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	
23 31	13 13-0668	LF	30" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.31	50.24
			For 3" WG (Class B), Add	12.56	
			For 4" Or 6" WG (Class A), Add	26.79	
			For 10" WG (Class A), Add	38.52	
			For Work In Restricted Working Space, Add	25.12	
23 31	13 13-0669	LF	30" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	102.62	51.92
			For 3" WG (Class B), Add	12.98	
			For 4" Or 6" WG (Class A), Add	27.69	
			For 10" WG (Class A), Add	39.80	
			For Work In Restricted Working Space, Add	25.96	
23 31	13 13-0670	LF	30" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31	13 13-0671	LF	30" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31	13 13-0672	LF	30" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31	13 13-0673	LF	30" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
			For 3" WG (Class B), Add	14.65	
			For 4" Or 6" WG (Class A), Add	31.26	
			For 10" WG (Class A), Add	44.94	
			For Work In Restricted Working Space, Add	29.31	
23 31	13 13-0674	LF	30" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31	13 13-0675	LF	30" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	
23 31	13 13-0676	LF	30" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	
23 31	13 13-0677	LF	30" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.09	65.31
			For 3" WG (Class B), Add	16.33	
			For 4" Or 6" WG (Class A), Add	34.83	
			For 10" WG (Class A), Add	50.07	
			For Work In Restricted Working Space, Add	32.66	
23 31	13 13-0678	LF	32" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	105.93	53.59
			For 3" WG (Class B), Add	13.40	
			For 4" Or 6" WG (Class A), Add	28.58	
			For 10" WG (Class A), Add	41.09	
			For Work In Restricted Working Space, Add	26.80	
23 31	13 13-0679	LF	32" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	109.23	55.27
			For 3" WG (Class B), Add	13.82	
			For 4" Or 6" WG (Class A), Add	29.47	
			For 10" WG (Class A), Add	42.37	
			For Work In Restricted Working Space, Add	27.63	
23 31	13 13-0680	LF	32" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31	13 13-0681	LF	32" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
			For 3" WG (Class B), Add	14.65	
			For 4" Or 6" WG (Class A), Add	31.26	
			For 10" WG (Class A), Add	44.94	
			For Work In Restricted Working Space, Add	29.31	
23 31	13 13-0682	LF	32" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31	13 13-0683	LF	32" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	
23 31	13 13-0684	LF	32" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0685	LF	32" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.09	65.31
			For 3" WG (Class B), Add	16.33	
			For 4" Or 6" WG (Class A), Add	34.83	
			For 10" WG (Class A), Add	50.07	
			For Work In Restricted Working Space, Add	32.66	
23 31 13	13-0686	LF	32" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.42	66.99
			For 3" WG (Class B), Add	16.75	
			For 4" Or 6" WG (Class A), Add	35.73	
			For 10" WG (Class A), Add	51.36	
			For Work In Restricted Working Space, Add	33.50	
23 31 13	13-0687	LF	34" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.55	56.94
			For 3" WG (Class B), Add	14.24	
			For 4" Or 6" WG (Class A), Add	30.37	
			For 10" WG (Class A), Add	43.65	
			For Work In Restricted Working Space, Add	28.47	
23 31 13	13-0688	LF	34" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	115.86	58.62
			For 3" WG (Class B), Add	14.65	
			For 4" Or 6" WG (Class A), Add	31.26	
			For 10" WG (Class A), Add	44.94	
			For Work In Restricted Working Space, Add	29.31	
23 31 13	13-0689	LF	34" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31 13	13-0690	LF	34" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	
23 31 13	13-0691	LF	34" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	
23 31 13	13-0692	LF	34" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.09	65.31
			For 3" WG (Class B), Add	16.33	
			For 4" Or 6" WG (Class A), Add	34.83	
			For 10" WG (Class A), Add	50.07	
			For Work In Restricted Working Space, Add	32.66	
23 31 13	13-0693	LF	34" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.42	66.99
			For 3" WG (Class B), Add	16.75	
			For 4" Or 6" WG (Class A), Add	35.73	
			For 10" WG (Class A), Add	51.36	
			For Work In Restricted Working Space, Add	33.50	
23 31 13	13-0694	LF	34" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	135.72	68.66
			For 3" WG (Class B), Add	17.17	
			For 4" Or 6" WG (Class A), Add	36.62	
			For 10" WG (Class A), Add	52.64	
			For Work In Restricted Working Space, Add	34.33	
23 31 13	13-0695	LF	36" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	119.16	60.29
			For 3" WG (Class B), Add	15.07	
			For 4" Or 6" WG (Class A), Add	32.15	
			For 10" WG (Class A), Add	46.22	
			For Work In Restricted Working Space, Add	30.14	
23 31 13	13-0696	LF	36" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	122.49	61.96
			For 3" WG (Class B), Add	15.49	
			For 4" Or 6" WG (Class A), Add	33.05	
			For 10" WG (Class A), Add	47.51	
			For Work In Restricted Working Space, Add	30.98	
23 31 13	13-0697	LF	36" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	
23 31 13	13-0698	LF	36" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.09	65.31
			For 3" WG (Class B), Add	16.33	
			For 4" Or 6" WG (Class A), Add	34.83	
			For 10" WG (Class A), Add	50.07	
			For Work In Restricted Working Space, Add	32.66	
23 31 13	13-0699	LF	36" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.42	66.99
			For 3" WG (Class B), Add	16.75	
			For 4" Or 6" WG (Class A), Add	35.73	
			For 10" WG (Class A), Add	51.36	
			For Work In Restricted Working Space, Add	33.50	
23 31 13	13-0700	LF	36" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	135.72	68.66
			For 3" WG (Class B), Add	17.17	
			For 4" Or 6" WG (Class A), Add	36.62	
			For 10" WG (Class A), Add	52.64	
			For Work In Restricted Working Space, Add	34.33	
23 31 13	13-0701	LF	36" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	139.03	70.33
			For 3" WG (Class B), Add	17.58	
			For 4" Or 6" WG (Class A), Add	37.51	
			For 10" WG (Class A), Add	53.93	
			For Work In Restricted Working Space, Add	35.17	
23 31 13	13-0702	LF	38" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	125.78	63.64
			For 3" WG (Class B), Add	15.91	
			For 4" Or 6" WG (Class A), Add	33.94	
			For 10" WG (Class A), Add	48.79	
			For Work In Restricted Working Space, Add	31.82	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0703	LF	38" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.09	65.31
			For 3" WG (Class B), Add	16.33	
			For 4" Or 6" WG (Class A), Add	34.83	
			For 10" WG (Class A), Add	50.07	
			For Work In Restricted Working Space, Add	32.66	
23 31	13 13-0704	LF	38" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.42	66.99
			For 3" WG (Class B), Add	16.75	
			For 4" Or 6" WG (Class A), Add	35.73	
			For 10" WG (Class A), Add	51.36	
			For Work In Restricted Working Space, Add	33.50	
23 31	13 13-0705	LF	38" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	135.72	68.66
			For 3" WG (Class B), Add	17.17	
			For 4" Or 6" WG (Class A), Add	36.62	
			For 10" WG (Class A), Add	52.64	
			For Work In Restricted Working Space, Add	34.33	
23 31	13 13-0706	LF	38" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	139.03	70.33
			For 3" WG (Class B), Add	17.58	
			For 4" Or 6" WG (Class A), Add	37.51	
			For 10" WG (Class A), Add	53.93	
			For Work In Restricted Working Space, Add	35.17	
23 31	13 13-0707	LF	38" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.34	72.01
			For 3" WG (Class B), Add	18.00	
			For 4" Or 6" WG (Class A), Add	38.41	
			For 10" WG (Class A), Add	55.21	
			For Work In Restricted Working Space, Add	36.01	
23 31	13 13-0708	LF	38" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	145.65	73.69
			For 3" WG (Class B), Add	18.42	
			For 4" Or 6" WG (Class A), Add	39.30	
			For 10" WG (Class A), Add	56.49	
			For Work In Restricted Working Space, Add	36.84	
23 31	13 13-0709	LF	40" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	132.42	66.99
			For 3" WG (Class B), Add	16.75	
			For 4" Or 6" WG (Class A), Add	35.73	
			For 10" WG (Class A), Add	51.36	
			For Work In Restricted Working Space, Add	33.50	
23 31	13 13-0710	LF	40" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	135.72	68.66
			For 3" WG (Class B), Add	17.17	
			For 4" Or 6" WG (Class A), Add	36.62	
			For 10" WG (Class A), Add	52.64	
			For Work In Restricted Working Space, Add	34.33	
23 31	13 13-0711	LF	40" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	139.03	70.33
			For 3" WG (Class B), Add	17.58	
			For 4" Or 6" WG (Class A), Add	37.51	
			For 10" WG (Class A), Add	53.93	
			For Work In Restricted Working Space, Add	35.17	
23 31	13 13-0712	LF	40" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.34	72.01
			For 3" WG (Class B), Add	18.00	
			For 4" Or 6" WG (Class A), Add	38.41	
			For 10" WG (Class A), Add	55.21	
			For Work In Restricted Working Space, Add	36.01	
23 31	13 13-0713	LF	40" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	145.65	73.69
			For 3" WG (Class B), Add	18.42	
			For 4" Or 6" WG (Class A), Add	39.30	
			For 10" WG (Class A), Add	56.49	
			For Work In Restricted Working Space, Add	36.84	
23 31	13 13-0714	LF	40" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	148.96	75.36
			For 3" WG (Class B), Add	18.84	
			For 4" Or 6" WG (Class A), Add	40.19	
			For 10" WG (Class A), Add	57.78	
			For Work In Restricted Working Space, Add	37.68	
23 31	13 13-0715	LF	40" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	152.26	77.04
			For 3" WG (Class B), Add	19.26	
			For 4" Or 6" WG (Class A), Add	41.08	
			For 10" WG (Class A), Add	59.06	
			For Work In Restricted Working Space, Add	38.52	
23 31	13 13-0716	LF	40" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.59	78.71
			For 3" WG (Class B), Add	19.68	
			For 4" Or 6" WG (Class A), Add	41.98	
			For 10" WG (Class A), Add	60.35	
			For Work In Restricted Working Space, Add	39.36	
23 31	13 13-0717	LF	40" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	158.89	80.39
			For 3" WG (Class B), Add	20.10	
			For 4" Or 6" WG (Class A), Add	42.87	
			For 10" WG (Class A), Add	61.63	
			For Work In Restricted Working Space, Add	40.19	
23 31	13 13-0718	LF	42" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	139.03	70.33
			For 3" WG (Class B), Add	17.58	
			For 4" Or 6" WG (Class A), Add	37.51	
			For 10" WG (Class A), Add	53.93	
			For Work In Restricted Working Space, Add	35.17	
23 31	13 13-0719	LF	42" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.34	72.01
			For 3" WG (Class B), Add	18.00	
			For 4" Or 6" WG (Class A), Add	38.41	
			For 10" WG (Class A), Add	55.21	
			For Work In Restricted Working Space, Add	36.01	
23 31	13 13-0720	LF	42" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	145.65	73.69
			For 3" WG (Class B), Add	18.42	
			For 4" Or 6" WG (Class A), Add	39.30	
			For 10" WG (Class A), Add	56.49	
			For Work In Restricted Working Space, Add	36.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0721	LF		42" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	148.96	75.36
			For 3" WG (Class B), Add	18.84	
			For 4" Or 6" WG (Class A), Add	40.19	
			For 10" WG (Class A), Add	57.78	
			For Work In Restricted Working Space, Add	37.68	
23 31 13 13-0722	LF		42" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	152.26	77.04
			For 3" WG (Class B), Add	19.26	
			For 4" Or 6" WG (Class A), Add	41.08	
			For 10" WG (Class A), Add	59.06	
			For Work In Restricted Working Space, Add	38.52	
23 31 13 13-0723	LF		42" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.59	78.71
			For 3" WG (Class B), Add	19.68	
			For 4" Or 6" WG (Class A), Add	41.98	
			For 10" WG (Class A), Add	60.35	
			For Work In Restricted Working Space, Add	39.36	
23 31 13 13-0724	LF		42" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	158.89	80.39
			For 3" WG (Class B), Add	20.10	
			For 4" Or 6" WG (Class A), Add	42.87	
			For 10" WG (Class A), Add	61.63	
			For Work In Restricted Working Space, Add	40.19	
23 31 13 13-0725	LF		42" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	162.19	82.06
			For 3" WG (Class B), Add	20.51	
			For 4" Or 6" WG (Class A), Add	43.76	
			For 10" WG (Class A), Add	62.91	
			For Work In Restricted Working Space, Add	41.03	
23 31 13 13-0726	LF		44" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	145.65	73.69
			For 3" WG (Class B), Add	18.42	
			For 4" Or 6" WG (Class A), Add	39.30	
			For 10" WG (Class A), Add	56.49	
			For Work In Restricted Working Space, Add	36.84	
23 31 13 13-0727	LF		44" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	148.96	75.36
			For 3" WG (Class B), Add	18.84	
			For 4" Or 6" WG (Class A), Add	40.19	
			For 10" WG (Class A), Add	57.78	
			For Work In Restricted Working Space, Add	37.68	
23 31 13 13-0728	LF		44" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	152.26	77.04
			For 3" WG (Class B), Add	19.26	
			For 4" Or 6" WG (Class A), Add	41.08	
			For 10" WG (Class A), Add	59.06	
			For Work In Restricted Working Space, Add	38.52	
23 31 13 13-0729	LF		44" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.59	78.71
			For 3" WG (Class B), Add	19.68	
			For 4" Or 6" WG (Class A), Add	41.98	
			For 10" WG (Class A), Add	60.35	
			For Work In Restricted Working Space, Add	39.36	
23 31 13 13-0730	LF		44" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	158.89	80.39
			For 3" WG (Class B), Add	20.10	
			For 4" Or 6" WG (Class A), Add	42.87	
			For 10" WG (Class A), Add	61.63	
			For Work In Restricted Working Space, Add	40.19	
23 31 13 13-0731	LF		44" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	162.19	82.06
			For 3" WG (Class B), Add	20.51	
			For 4" Or 6" WG (Class A), Add	43.76	
			For 10" WG (Class A), Add	62.91	
			For Work In Restricted Working Space, Add	41.03	
23 31 13 13-0732	LF		44" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	165.51	83.73
			For 3" WG (Class B), Add	20.93	
			For 4" Or 6" WG (Class A), Add	44.66	
			For 10" WG (Class A), Add	64.20	
			For Work In Restricted Working Space, Add	41.87	
23 31 13 13-0733	LF		46" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	152.26	77.04
			For 3" WG (Class B), Add	19.26	
			For 4" Or 6" WG (Class A), Add	41.08	
			For 10" WG (Class A), Add	59.06	
			For Work In Restricted Working Space, Add	38.52	
23 31 13 13-0734	LF		46" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.59	78.71
			For 3" WG (Class B), Add	19.68	
			For 4" Or 6" WG (Class A), Add	41.98	
			For 10" WG (Class A), Add	60.35	
			For Work In Restricted Working Space, Add	39.36	
23 31 13 13-0735	LF		46" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	158.89	80.39
			For 3" WG (Class B), Add	20.10	
			For 4" Or 6" WG (Class A), Add	42.87	
			For 10" WG (Class A), Add	61.63	
			For Work In Restricted Working Space, Add	40.19	
23 31 13 13-0736	LF		46" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	162.19	82.06
			For 3" WG (Class B), Add	20.51	
			For 4" Or 6" WG (Class A), Add	43.76	
			For 10" WG (Class A), Add	62.91	
			For Work In Restricted Working Space, Add	41.03	
23 31 13 13-0737	LF		46" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	165.51	83.73
			For 3" WG (Class B), Add	20.93	
			For 4" Or 6" WG (Class A), Add	44.66	
			For 10" WG (Class A), Add	64.20	
			For Work In Restricted Working Space, Add	41.87	
23 31 13 13-0738	LF		46" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	168.83	85.41
			For 3" WG (Class B), Add	21.35	
			For 4" Or 6" WG (Class A), Add	45.55	
			For 10" WG (Class A), Add	65.48	
			For Work In Restricted Working Space, Add	42.71	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-0739	LF 46" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.13	87.08
			For 3" WG (Class B), Add	21.77	
			For 4" Or 6" WG (Class A), Add	46.44	
			For 10" WG (Class A), Add	66.76	
			For Work In Restricted Working Space, Add	43.54	
23 31	13	13-0740	LF 48" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	158.89	80.39
			For 3" WG (Class B), Add	20.10	
			For 4" Or 6" WG (Class A), Add	42.87	
			For 10" WG (Class A), Add	61.63	
			For Work In Restricted Working Space, Add	40.19	
23 31	13	13-0741	LF 48" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	162.19	82.06
			For 3" WG (Class B), Add	20.51	
			For 4" Or 6" WG (Class A), Add	43.76	
			For 10" WG (Class A), Add	62.91	
			For Work In Restricted Working Space, Add	41.03	
23 31	13	13-0742	LF 48" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	165.51	83.73
			For 3" WG (Class B), Add	20.93	
			For 4" Or 6" WG (Class A), Add	44.66	
			For 10" WG (Class A), Add	64.20	
			For Work In Restricted Working Space, Add	41.87	
23 31	13	13-0743	LF 48" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	168.83	85.41
			For 3" WG (Class B), Add	21.35	
			For 4" Or 6" WG (Class A), Add	45.55	
			For 10" WG (Class A), Add	65.48	
			For Work In Restricted Working Space, Add	42.71	
23 31	13	13-0744	LF 48" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.13	87.08
			For 3" WG (Class B), Add	21.77	
			For 4" Or 6" WG (Class A), Add	46.44	
			For 10" WG (Class A), Add	66.76	
			For Work In Restricted Working Space, Add	43.54	
23 31	13	13-0745	LF 48" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	175.44	88.76
			For 3" WG (Class B), Add	22.19	
			For 4" Or 6" WG (Class A), Add	47.34	
			For 10" WG (Class A), Add	68.05	
			For Work In Restricted Working Space, Add	44.38	
23 31	13	13-0746	LF 48" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	178.75	90.43
			For 3" WG (Class B), Add	22.61	
			For 4" Or 6" WG (Class A), Add	48.23	
			For 10" WG (Class A), Add	69.33	
			For Work In Restricted Working Space, Add	45.22	
23 31	13	13-0747	LF 50" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	165.51	83.73
			For 3" WG (Class B), Add	20.93	
			For 4" Or 6" WG (Class A), Add	44.66	
			For 10" WG (Class A), Add	64.20	
			For Work In Restricted Working Space, Add	41.87	
23 31	13	13-0748	LF 50" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	168.83	85.41
			For 3" WG (Class B), Add	21.35	
			For 4" Or 6" WG (Class A), Add	45.55	
			For 10" WG (Class A), Add	65.48	
			For Work In Restricted Working Space, Add	42.71	
23 31	13	13-0749	LF 50" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.13	87.08
			For 3" WG (Class B), Add	21.77	
			For 4" Or 6" WG (Class A), Add	46.44	
			For 10" WG (Class A), Add	66.76	
			For Work In Restricted Working Space, Add	43.54	
23 31	13	13-0750	LF 50" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	175.44	88.76
			For 3" WG (Class B), Add	22.19	
			For 4" Or 6" WG (Class A), Add	47.34	
			For 10" WG (Class A), Add	68.05	
			For Work In Restricted Working Space, Add	44.38	
23 31	13	13-0751	LF 50" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	178.75	90.43
			For 3" WG (Class B), Add	22.61	
			For 4" Or 6" WG (Class A), Add	48.23	
			For 10" WG (Class A), Add	69.33	
			For Work In Restricted Working Space, Add	45.22	
23 31	13	13-0752	LF 50" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	182.06	92.10
			For 3" WG (Class B), Add	23.03	
			For 4" Or 6" WG (Class A), Add	49.12	
			For 10" WG (Class A), Add	70.61	
			For Work In Restricted Working Space, Add	46.05	
23 31	13	13-0753	LF 52" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.13	87.08
			For 3" WG (Class B), Add	21.77	
			For 4" Or 6" WG (Class A), Add	46.44	
			For 10" WG (Class A), Add	66.76	
			For Work In Restricted Working Space, Add	43.54	
23 31	13	13-0754	LF 52" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	175.44	88.76
			For 3" WG (Class B), Add	22.19	
			For 4" Or 6" WG (Class A), Add	47.34	
			For 10" WG (Class A), Add	68.05	
			For Work In Restricted Working Space, Add	44.38	
23 31	13	13-0755	LF 52" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	178.75	90.43
			For 3" WG (Class B), Add	22.61	
			For 4" Or 6" WG (Class A), Add	48.23	
			For 10" WG (Class A), Add	69.33	
			For Work In Restricted Working Space, Add	45.22	
23 31	13	13-0756	LF 52" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	182.06	92.10
			For 3" WG (Class B), Add	23.03	
			For 4" Or 6" WG (Class A), Add	49.12	
			For 10" WG (Class A), Add	70.61	
			For Work In Restricted Working Space, Add	46.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0757	LF	52" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	185.38 23.45 50.02 71.90 46.89	93.79
23 31 13	13-0758	LF	54" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	178.75 22.61 48.23 69.33 45.22	90.43
23 31 13	13-0759	LF	54" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	182.06 23.03 49.12 70.61 46.05	92.10
23 31 13	13-0760	LF	54" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	185.38 23.45 50.02 71.90 46.89	93.79
23 31 13	13-0761	LF	54" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	188.68 23.87 50.91 73.19 47.73	95.46
23 31 13	13-0762	LF	54" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	191.99 24.28 51.80 74.46 48.56	97.14
23 31 13	13-0763	LF	54" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	195.30 24.70 52.70 75.75 49.40	98.81
23 31 13	13-0764	LF	56" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	185.38 23.45 50.02 71.90 46.89	93.79
23 31 13	13-0765	LF	56" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	188.68 23.87 50.91 73.19 47.73	95.46
23 31 13	13-0766	LF	56" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	191.99 24.28 51.80 74.46 48.56	97.14
23 31 13	13-0767	LF	56" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	195.30 24.70 52.70 75.75 49.40	98.81
23 31 13	13-0768	LF	56" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	198.61 25.12 53.59 77.04 50.24	100.48
23 31 13	13-0769	LF	58" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	191.99 24.28 51.80 74.46 48.56	97.14
23 31 13	13-0770	LF	58" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	195.30 24.70 52.70 75.75 49.40	98.81
23 31 13	13-0771	LF	58" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	198.61 25.12 53.59 77.04 50.24	100.48
23 31 13	13-0772	LF	58" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	201.93 25.54 54.48 78.32 51.08	102.16
23 31 13	13-0773	LF	58" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	205.23 25.96 55.38 79.60 51.92	103.83
23 31 13	13-0774	LF	60" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	198.61 25.12 53.59 77.04 50.24	100.48

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0775	LF		60" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	201.93	102.16
			For 3" WG (Class B), Add	25.54	
			For 4" Or 6" WG (Class A), Add	54.48	
			For 10" WG (Class A), Add	78.32	
			For Work In Restricted Working Space, Add	51.08	
23 31 13 13-0776	LF		60" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	205.23	103.83
			For 3" WG (Class B), Add	25.96	
			For 4" Or 6" WG (Class A), Add	55.38	
			For 10" WG (Class A), Add	79.60	
			For Work In Restricted Working Space, Add	51.92	
23 31 13 13-0777	LF		60" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	208.54	105.50
			For 3" WG (Class B), Add	26.38	
			For 4" Or 6" WG (Class A), Add	56.27	
			For 10" WG (Class A), Add	80.89	
			For Work In Restricted Working Space, Add	52.75	
23 31 13 13-0778	LF		60" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	211.85	107.18
			For 3" WG (Class B), Add	26.79	
			For 4" Or 6" WG (Class A), Add	57.16	
			For 10" WG (Class A), Add	82.17	
			For Work In Restricted Working Space, Add	53.59	
23 31 13 13-0779	LF		62" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	205.23	103.83
			For 3" WG (Class B), Add	25.96	
			For 4" Or 6" WG (Class A), Add	55.38	
			For 10" WG (Class A), Add	79.60	
			For Work In Restricted Working Space, Add	51.92	
23 31 13 13-0780	LF		62" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	208.54	105.50
			For 3" WG (Class B), Add	26.38	
			For 4" Or 6" WG (Class A), Add	56.27	
			For 10" WG (Class A), Add	80.89	
			For Work In Restricted Working Space, Add	52.75	
23 31 13 13-0781	LF		62" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	211.85	107.18
			For 3" WG (Class B), Add	26.79	
			For 4" Or 6" WG (Class A), Add	57.16	
			For 10" WG (Class A), Add	82.17	
			For Work In Restricted Working Space, Add	53.59	
23 31 13 13-0782	LF		62" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	215.16	108.85
			For 3" WG (Class B), Add	27.21	
			For 4" Or 6" WG (Class A), Add	58.05	
			For 10" WG (Class A), Add	83.45	
			For Work In Restricted Working Space, Add	54.43	
23 31 13 13-0783	LF		62" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	218.48	110.53
			For 3" WG (Class B), Add	27.63	
			For 4" Or 6" WG (Class A), Add	58.95	
			For 10" WG (Class A), Add	84.74	
			For Work In Restricted Working Space, Add	55.27	
23 31 13 13-0784	LF		64" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	211.85	107.18
			For 3" WG (Class B), Add	26.79	
			For 4" Or 6" WG (Class A), Add	57.16	
			For 10" WG (Class A), Add	82.17	
			For Work In Restricted Working Space, Add	53.59	
23 31 13 13-0785	LF		64" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	215.16	108.85
			For 3" WG (Class B), Add	27.21	
			For 4" Or 6" WG (Class A), Add	58.05	
			For 10" WG (Class A), Add	83.45	
			For Work In Restricted Working Space, Add	54.43	
23 31 13 13-0786	LF		64" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	218.48	110.53
			For 3" WG (Class B), Add	27.63	
			For 4" Or 6" WG (Class A), Add	58.95	
			For 10" WG (Class A), Add	84.74	
			For Work In Restricted Working Space, Add	55.27	
23 31 13 13-0787	LF		64" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	221.78	112.20
			For 3" WG (Class B), Add	28.05	
			For 4" Or 6" WG (Class A), Add	59.84	
			For 10" WG (Class A), Add	86.02	
			For Work In Restricted Working Space, Add	56.10	
23 31 13 13-0788	LF		66" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	218.48	110.53
			For 3" WG (Class B), Add	27.63	
			For 4" Or 6" WG (Class A), Add	58.95	
			For 10" WG (Class A), Add	84.74	
			For Work In Restricted Working Space, Add	55.27	
23 31 13 13-0789	LF		66" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	221.78	112.20
			For 3" WG (Class B), Add	28.05	
			For 4" Or 6" WG (Class A), Add	59.84	
			For 10" WG (Class A), Add	86.02	
			For Work In Restricted Working Space, Add	56.10	
23 31 13 13-0790	LF		66" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	225.09	113.88
			For 3" WG (Class B), Add	28.47	
			For 4" Or 6" WG (Class A), Add	60.73	
			For 10" WG (Class A), Add	87.30	
			For Work In Restricted Working Space, Add	56.94	
23 31 13 13-0791	LF		66" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	228.41	115.56
			For 3" WG (Class B), Add	28.89	
			For 4" Or 6" WG (Class A), Add	61.63	
			For 10" WG (Class A), Add	88.59	
			For Work In Restricted Working Space, Add	57.78	
23 31 13 13-0792	LF		68" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	225.09	113.88
			For 3" WG (Class B), Add	28.47	
			For 4" Or 6" WG (Class A), Add	60.73	
			For 10" WG (Class A), Add	87.30	
			For Work In Restricted Working Space, Add	56.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0793	LF	68" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	228.41	115.56	
		For 3" WG (Class B), Add	28.89		
		For 4" Or 6" WG (Class A), Add	61.63		
		For 10" WG (Class A), Add	88.59		
		For Work In Restricted Working Space, Add	57.78		
23 31 13 13-0794	LF	68" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	231.71	117.23	
		For 3" WG (Class B), Add	29.31		
		For 4" Or 6" WG (Class A), Add	62.52		
		For 10" WG (Class A), Add	89.87		
		For Work In Restricted Working Space, Add	58.61		
23 31 13 13-0795	LF	68" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	235.03	118.91	
		For 3" WG (Class B), Add	29.73		
		For 4" Or 6" WG (Class A), Add	63.41		
		For 10" WG (Class A), Add	91.16		
		For Work In Restricted Working Space, Add	59.45		
23 31 13 13-0796	LF	70" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	231.71	117.23	
		For 3" WG (Class B), Add	29.31		
		For 4" Or 6" WG (Class A), Add	62.52		
		For 10" WG (Class A), Add	89.87		
		For Work In Restricted Working Space, Add	58.61		
23 31 13 13-0797	LF	70" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	235.03	118.91	
		For 3" WG (Class B), Add	29.73		
		For 4" Or 6" WG (Class A), Add	63.41		
		For 10" WG (Class A), Add	91.16		
		For Work In Restricted Working Space, Add	59.45		
23 31 13 13-0798	LF	70" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	238.35	120.58	
		For 3" WG (Class B), Add	30.15		
		For 4" Or 6" WG (Class A), Add	64.31		
		For 10" WG (Class A), Add	92.45		
		For Work In Restricted Working Space, Add	60.29		
23 31 13 13-0799	LF	70" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	241.65	122.25	
		For 3" WG (Class B), Add	30.56		
		For 4" Or 6" WG (Class A), Add	65.20		
		For 10" WG (Class A), Add	93.73		
		For Work In Restricted Working Space, Add	61.13		
23 31 13 13-0800	LF	70" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	244.95	123.93	
		For 3" WG (Class B), Add	30.98		
		For 4" Or 6" WG (Class A), Add	66.09		
		For 10" WG (Class A), Add	95.01		
		For Work In Restricted Working Space, Add	61.96		
23 31 13 13-0801	LF	70" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	248.27	125.60	
		For 3" WG (Class B), Add	31.40		
		For 4" Or 6" WG (Class A), Add	66.99		
		For 10" WG (Class A), Add	96.30		
		For Work In Restricted Working Space, Add	62.80		
23 31 13 13-0802	LF	70" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	251.58	127.28	
		For 3" WG (Class B), Add	31.82		
		For 4" Or 6" WG (Class A), Add	67.88		
		For 10" WG (Class A), Add	97.58		
		For Work In Restricted Working Space, Add	63.64		
23 31 13 13-0803	LF	70" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	254.89	128.95	
		For 3" WG (Class B), Add	32.24		
		For 4" Or 6" WG (Class A), Add	68.77		
		For 10" WG (Class A), Add	98.86		
		For Work In Restricted Working Space, Add	64.48		
23 31 13 13-0804	LF	72" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	238.35	120.58	
		For 3" WG (Class B), Add	30.15		
		For 4" Or 6" WG (Class A), Add	64.31		
		For 10" WG (Class A), Add	92.45		
		For Work In Restricted Working Space, Add	60.29		
23 31 13 13-0805	LF	72" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	241.65	122.25	
		For 3" WG (Class B), Add	30.56		
		For 4" Or 6" WG (Class A), Add	65.20		
		For 10" WG (Class A), Add	93.73		
		For Work In Restricted Working Space, Add	61.13		
23 31 13 13-0806	LF	72" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	244.95	123.93	
		For 3" WG (Class B), Add	30.98		
		For 4" Or 6" WG (Class A), Add	66.09		
		For 10" WG (Class A), Add	95.01		
		For Work In Restricted Working Space, Add	61.96		
23 31 13 13-0807	LF	72" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	248.27	125.60	
		For 3" WG (Class B), Add	31.40		
		For 4" Or 6" WG (Class A), Add	66.99		
		For 10" WG (Class A), Add	96.30		
		For Work In Restricted Working Space, Add	62.80		
23 31 13 13-0808	LF	72" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	251.58	127.28	
		For 3" WG (Class B), Add	31.82		
		For 4" Or 6" WG (Class A), Add	67.88		
		For 10" WG (Class A), Add	97.58		
		For Work In Restricted Working Space, Add	63.64		
23 31 13 13-0809	LF	72" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	254.89	128.95	
		For 3" WG (Class B), Add	32.24		
		For 4" Or 6" WG (Class A), Add	68.77		
		For 10" WG (Class A), Add	98.86		
		For Work In Restricted Working Space, Add	64.48		
23 31 13 13-0810	LF	72" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	258.21	130.62	
		For 3" WG (Class B), Add	32.66		
		For 4" Or 6" WG (Class A), Add	69.67		
		For 10" WG (Class A), Add	100.15		
		For Work In Restricted Working Space, Add	65.32		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0811	LF 74" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	244.95	123.93
	For 3" WG (Class B), Add	30.98	
	For 4" Or 6" WG (Class A), Add	66.09	
	For 10" WG (Class A), Add	95.01	
	For Work In Restricted Working Space, Add	61.96	
23 31 13 13-0812	LF 74" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	248.27	125.60
	For 3" WG (Class B), Add	31.40	
	For 4" Or 6" WG (Class A), Add	66.99	
	For 10" WG (Class A), Add	96.30	
	For Work In Restricted Working Space, Add	62.80	
23 31 13 13-0813	LF 74" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	251.58	127.28
	For 3" WG (Class B), Add	31.82	
	For 4" Or 6" WG (Class A), Add	67.88	
	For 10" WG (Class A), Add	97.58	
	For Work In Restricted Working Space, Add	63.64	
23 31 13 13-0814	LF 74" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	254.89	128.95
	For 3" WG (Class B), Add	32.24	
	For 4" Or 6" WG (Class A), Add	68.77	
	For 10" WG (Class A), Add	98.86	
	For Work In Restricted Working Space, Add	64.48	
23 31 13 13-0815	LF 74" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	258.21	130.62
	For 3" WG (Class B), Add	32.66	
	For 4" Or 6" WG (Class A), Add	69.67	
	For 10" WG (Class A), Add	100.15	
	For Work In Restricted Working Space, Add	65.32	
23 31 13 13-0816	LF 74" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	261.51	132.30
	For 3" WG (Class B), Add	33.08	
	For 4" Or 6" WG (Class A), Add	70.56	
	For 10" WG (Class A), Add	101.43	
	For Work In Restricted Working Space, Add	66.15	
23 31 13 13-0817	LF 76" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	251.58	127.28
	For 3" WG (Class B), Add	31.82	
	For 4" Or 6" WG (Class A), Add	67.88	
	For 10" WG (Class A), Add	97.58	
	For Work In Restricted Working Space, Add	63.64	
23 31 13 13-0818	LF 76" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	254.89	128.95
	For 3" WG (Class B), Add	32.24	
	For 4" Or 6" WG (Class A), Add	68.77	
	For 10" WG (Class A), Add	98.86	
	For Work In Restricted Working Space, Add	64.48	
23 31 13 13-0819	LF 76" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	258.21	130.62
	For 3" WG (Class B), Add	32.66	
	For 4" Or 6" WG (Class A), Add	69.67	
	For 10" WG (Class A), Add	100.15	
	For Work In Restricted Working Space, Add	65.32	
23 31 13 13-0820	LF 76" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	261.51	132.30
	For 3" WG (Class B), Add	33.08	
	For 4" Or 6" WG (Class A), Add	70.56	
	For 10" WG (Class A), Add	101.43	
	For Work In Restricted Working Space, Add	66.15	
23 31 13 13-0821	LF 76" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	264.81	133.97
	For 3" WG (Class B), Add	33.49	
	For 4" Or 6" WG (Class A), Add	71.45	
	For 10" WG (Class A), Add	102.71	
	For Work In Restricted Working Space, Add	66.99	
23 31 13 13-0822	LF 78" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	258.21	130.62
	For 3" WG (Class B), Add	32.66	
	For 4" Or 6" WG (Class A), Add	69.67	
	For 10" WG (Class A), Add	100.15	
	For Work In Restricted Working Space, Add	65.32	
23 31 13 13-0823	LF 78" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	261.51	132.30
	For 3" WG (Class B), Add	33.08	
	For 4" Or 6" WG (Class A), Add	70.56	
	For 10" WG (Class A), Add	101.43	
	For Work In Restricted Working Space, Add	66.15	
23 31 13 13-0824	LF 78" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	264.81	133.97
	For 3" WG (Class B), Add	33.49	
	For 4" Or 6" WG (Class A), Add	71.45	
	For 10" WG (Class A), Add	102.71	
	For Work In Restricted Working Space, Add	66.99	
23 31 13 13-0825	LF 78" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	268.12	135.65
	For 3" WG (Class B), Add	33.91	
	For 4" Or 6" WG (Class A), Add	72.35	
	For 10" WG (Class A), Add	104.00	
	For Work In Restricted Working Space, Add	67.82	
23 31 13 13-0826	LF 80" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	264.81	133.97
	For 3" WG (Class B), Add	33.49	
	For 4" Or 6" WG (Class A), Add	71.45	
	For 10" WG (Class A), Add	102.71	
	For Work In Restricted Working Space, Add	66.99	
23 31 13 13-0827	LF 80" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	268.12	135.65
	For 3" WG (Class B), Add	33.91	
	For 4" Or 6" WG (Class A), Add	72.35	
	For 10" WG (Class A), Add	104.00	
	For Work In Restricted Working Space, Add	67.82	
23 31 13 13-0828	LF 80" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork.....	271.45	137.33
	For 3" WG (Class B), Add	34.33	
	For 4" Or 6" WG (Class A), Add	73.24	
	For 10" WG (Class A), Add	105.28	
	For Work In Restricted Working Space, Add	68.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0829	LF	82" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	271.45	137.33	
		For 3" WG (Class B), Add	34.33		
		For 4" Or 6" WG (Class A), Add	73.24		
		For 10" WG (Class A), Add	105.28		
		For Work In Restricted Working Space, Add	68.66		
23 31 13 13-0830	LF	82" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	274.75	139.00	
		For 3" WG (Class B), Add	34.75		
		For 4" Or 6" WG (Class A), Add	74.13		
		For 10" WG (Class A), Add	106.57		
		For Work In Restricted Working Space, Add	69.50		
23 31 13 13-0831	LF	84" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	278.05	140.68	
		For 3" WG (Class B), Add	35.17		
		For 4" Or 6" WG (Class A), Add	75.02		
		For 10" WG (Class A), Add	107.85		
		For Work In Restricted Working Space, Add	70.34		
23 31 13 13-0832		18 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>			
23 31 13 13-0833	LF	4" x 4", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	17.24	8.73	
		For 3" WG (Class B), Add	2.18		
		For 4" Or 6" WG (Class A), Add	4.65		
		For 10" WG (Class A), Add	6.68		
		For Work In Restricted Working Space, Add	4.36		
23 31 13 13-0834	LF	4" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	21.55	10.90	
		For 3" WG (Class B), Add	2.73		
		For 4" Or 6" WG (Class A), Add	5.81		
		For 10" WG (Class A), Add	8.36		
		For Work In Restricted Working Space, Add	5.45		
23 31 13 13-0835	LF	4" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	25.85	13.08	
		For 3" WG (Class B), Add	3.27		
		For 4" Or 6" WG (Class A), Add	6.98		
		For 10" WG (Class A), Add	10.03		
		For Work In Restricted Working Space, Add	6.54		
23 31 13 13-0836	LF	4" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	30.16	15.26	
		For 3" WG (Class B), Add	3.81		
		For 4" Or 6" WG (Class A), Add	8.14		
		For 10" WG (Class A), Add	11.70		
		For Work In Restricted Working Space, Add	7.63		
23 31 13 13-0837	LF	4" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	34.48	17.44	
		For 3" WG (Class B), Add	4.36		
		For 4" Or 6" WG (Class A), Add	9.30		
		For 10" WG (Class A), Add	13.37		
		For Work In Restricted Working Space, Add	8.72		
23 31 13 13-0838	LF	4" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	38.78	19.63	
		For 3" WG (Class B), Add	4.91		
		For 4" Or 6" WG (Class A), Add	10.46		
		For 10" WG (Class A), Add	15.04		
		For Work In Restricted Working Space, Add	9.81		
23 31 13 13-0839	LF	4" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	43.09	21.80	
		For 3" WG (Class B), Add	5.45		
		For 4" Or 6" WG (Class A), Add	11.63		
		For 10" WG (Class A), Add	16.71		
		For Work In Restricted Working Space, Add	10.90		
23 31 13 13-0840	LF	6" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	25.85	13.08	
		For 3" WG (Class B), Add	3.27		
		For 4" Or 6" WG (Class A), Add	6.98		
		For 10" WG (Class A), Add	10.03		
		For Work In Restricted Working Space, Add	6.54		
23 31 13 13-0841	LF	6" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	30.16	15.26	
		For 3" WG (Class B), Add	3.81		
		For 4" Or 6" WG (Class A), Add	8.14		
		For 10" WG (Class A), Add	11.70		
		For Work In Restricted Working Space, Add	7.63		
23 31 13 13-0842	LF	6" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	34.48	17.44	
		For 3" WG (Class B), Add	4.36		
		For 4" Or 6" WG (Class A), Add	9.30		
		For 10" WG (Class A), Add	13.37		
		For Work In Restricted Working Space, Add	8.72		
23 31 13 13-0843	LF	6" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	38.78	19.63	
		For 3" WG (Class B), Add	4.91		
		For 4" Or 6" WG (Class A), Add	10.46		
		For 10" WG (Class A), Add	15.04		
		For Work In Restricted Working Space, Add	9.81		
23 31 13 13-0844	LF	6" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	43.09	21.80	
		For 3" WG (Class B), Add	5.45		
		For 4" Or 6" WG (Class A), Add	11.63		
		For 10" WG (Class A), Add	16.71		
		For Work In Restricted Working Space, Add	10.90		
23 31 13 13-0845	LF	6" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	47.40	23.98	
		For 3" WG (Class B), Add	6.00		
		For 4" Or 6" WG (Class A), Add	12.79		
		For 10" WG (Class A), Add	18.39		
		For Work In Restricted Working Space, Add	11.99		
23 31 13 13-0846	LF	8" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	34.48	17.44	
		For 3" WG (Class B), Add	4.36		
		For 4" Or 6" WG (Class A), Add	9.30		
		For 10" WG (Class A), Add	13.37		
		For Work In Restricted Working Space, Add	8.72		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0847	LF	8" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	38.78	19.63
		For 3" WG (Class B), Add	4.91	
		For 4" Or 6" WG (Class A), Add	10.46	
		For 10" WG (Class A), Add	15.04	
		For Work In Restricted Working Space, Add	9.81	
23 31 13 13-0848	LF	8" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	43.09	21.80
		For 3" WG (Class B), Add	5.45	
		For 4" Or 6" WG (Class A), Add	11.63	
		For 10" WG (Class A), Add	16.71	
		For Work In Restricted Working Space, Add	10.90	
23 31 13 13-0849	LF	8" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	47.40	23.98
		For 3" WG (Class B), Add	6.00	
		For 4" Or 6" WG (Class A), Add	12.79	
		For 10" WG (Class A), Add	18.39	
		For Work In Restricted Working Space, Add	11.99	
23 31 13 13-0850	LF	8" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	51.72	26.17
		For 3" WG (Class B), Add	6.54	
		For 4" Or 6" WG (Class A), Add	13.96	
		For 10" WG (Class A), Add	20.06	
		For Work In Restricted Working Space, Add	13.08	
23 31 13 13-0851	LF	8" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	56.03	28.34
		For 3" WG (Class B), Add	7.09	
		For 4" Or 6" WG (Class A), Add	15.12	
		For 10" WG (Class A), Add	21.73	
		For Work In Restricted Working Space, Add	14.17	
23 31 13 13-0852	LF	8" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	60.34	30.53
		For 3" WG (Class B), Add	7.63	
		For 4" Or 6" WG (Class A), Add	16.28	
		For 10" WG (Class A), Add	23.40	
		For Work In Restricted Working Space, Add	15.26	
23 31 13 13-0853	LF	8" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	64.65	32.70
		For 3" WG (Class B), Add	8.18	
		For 4" Or 6" WG (Class A), Add	17.44	
		For 10" WG (Class A), Add	25.07	
		For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0854	LF	8" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.96	34.89
		For 3" WG (Class B), Add	8.72	
		For 4" Or 6" WG (Class A), Add	18.61	
		For 10" WG (Class A), Add	26.75	
		For Work In Restricted Working Space, Add	17.45	
23 31 13 13-0855	LF	10" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	43.09	21.80
		For 3" WG (Class B), Add	5.45	
		For 4" Or 6" WG (Class A), Add	11.63	
		For 10" WG (Class A), Add	16.71	
		For Work In Restricted Working Space, Add	10.90	
23 31 13 13-0856	LF	10" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	47.40	23.98
		For 3" WG (Class B), Add	6.00	
		For 4" Or 6" WG (Class A), Add	12.79	
		For 10" WG (Class A), Add	18.39	
		For Work In Restricted Working Space, Add	11.99	
23 31 13 13-0857	LF	10" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	51.72	26.17
		For 3" WG (Class B), Add	6.54	
		For 4" Or 6" WG (Class A), Add	13.96	
		For 10" WG (Class A), Add	20.06	
		For Work In Restricted Working Space, Add	13.08	
23 31 13 13-0858	LF	10" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	56.03	28.34
		For 3" WG (Class B), Add	7.09	
		For 4" Or 6" WG (Class A), Add	15.12	
		For 10" WG (Class A), Add	21.73	
		For Work In Restricted Working Space, Add	14.17	
23 31 13 13-0859	LF	10" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	60.34	30.53
		For 3" WG (Class B), Add	7.63	
		For 4" Or 6" WG (Class A), Add	16.28	
		For 10" WG (Class A), Add	23.40	
		For Work In Restricted Working Space, Add	15.26	
23 31 13 13-0860	LF	10" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	64.65	32.70
		For 3" WG (Class B), Add	8.18	
		For 4" Or 6" WG (Class A), Add	17.44	
		For 10" WG (Class A), Add	25.07	
		For Work In Restricted Working Space, Add	16.35	
23 31 13 13-0861	LF	10" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.96	34.89
		For 3" WG (Class B), Add	8.72	
		For 4" Or 6" WG (Class A), Add	18.61	
		For 10" WG (Class A), Add	26.75	
		For Work In Restricted Working Space, Add	17.45	
23 31 13 13-0862	LF	10" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.26	37.07
		For 3" WG (Class B), Add	9.27	
		For 4" Or 6" WG (Class A), Add	19.77	
		For 10" WG (Class A), Add	28.42	
		For Work In Restricted Working Space, Add	18.53	
23 31 13 13-0863	LF	10" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	77.58	39.24
		For 3" WG (Class B), Add	9.81	
		For 4" Or 6" WG (Class A), Add	20.93	
		For 10" WG (Class A), Add	30.09	
		For Work In Restricted Working Space, Add	19.62	
23 31 13 13-0864	LF	10" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	81.89	41.43
		For 3" WG (Class B), Add	10.36	
		For 4" Or 6" WG (Class A), Add	22.10	
		For 10" WG (Class A), Add	31.76	
		For Work In Restricted Working Space, Add	20.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0865	LF	10" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.20	43.61
			For 3" WG (Class B), Add	10.90	
			For 4" Or 6" WG (Class A), Add	23.26	
			For 10" WG (Class A), Add	33.43	
			For Work In Restricted Working Space, Add	21.80	
23 31 13	13-0866	LF	10" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	90.50	45.79
			For 3" WG (Class B), Add	11.45	
			For 4" Or 6" WG (Class A), Add	24.42	
			For 10" WG (Class A), Add	35.10	
			For Work In Restricted Working Space, Add	22.89	
23 31 13	13-0867	LF	12" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	51.72	26.17
			For 3" WG (Class B), Add	6.54	
			For 4" Or 6" WG (Class A), Add	13.96	
			For 10" WG (Class A), Add	20.06	
			For Work In Restricted Working Space, Add	13.08	
23 31 13	13-0868	LF	12" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	56.03	28.34
			For 3" WG (Class B), Add	7.09	
			For 4" Or 6" WG (Class A), Add	15.12	
			For 10" WG (Class A), Add	21.73	
			For Work In Restricted Working Space, Add	14.17	
23 31 13	13-0869	LF	12" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	60.34	30.53
			For 3" WG (Class B), Add	7.63	
			For 4" Or 6" WG (Class A), Add	16.28	
			For 10" WG (Class A), Add	23.40	
			For Work In Restricted Working Space, Add	15.26	
23 31 13	13-0870	LF	12" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
			For 3" WG (Class B), Add	8.18	
			For 4" Or 6" WG (Class A), Add	17.44	
			For 10" WG (Class A), Add	25.07	
			For Work In Restricted Working Space, Add	16.35	
23 31 13	13-0871	LF	12" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	68.96	34.89
			For 3" WG (Class B), Add	8.72	
			For 4" Or 6" WG (Class A), Add	18.61	
			For 10" WG (Class A), Add	26.75	
			For Work In Restricted Working Space, Add	17.45	
23 31 13	13-0872	LF	12" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	73.26	37.07
			For 3" WG (Class B), Add	9.27	
			For 4" Or 6" WG (Class A), Add	19.77	
			For 10" WG (Class A), Add	28.42	
			For Work In Restricted Working Space, Add	18.53	
23 31 13	13-0873	LF	12" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	77.58	39.24
			For 3" WG (Class B), Add	9.81	
			For 4" Or 6" WG (Class A), Add	20.93	
			For 10" WG (Class A), Add	30.09	
			For Work In Restricted Working Space, Add	19.62	
23 31 13	13-0874	LF	12" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	81.89	41.43
			For 3" WG (Class B), Add	10.36	
			For 4" Or 6" WG (Class A), Add	22.10	
			For 10" WG (Class A), Add	31.76	
			For Work In Restricted Working Space, Add	20.72	
23 31 13	13-0875	LF	12" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.20	43.61
			For 3" WG (Class B), Add	10.90	
			For 4" Or 6" WG (Class A), Add	23.26	
			For 10" WG (Class A), Add	33.43	
			For Work In Restricted Working Space, Add	21.80	
23 31 13	13-0876	LF	12" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	90.50	45.79
			For 3" WG (Class B), Add	11.45	
			For 4" Or 6" WG (Class A), Add	24.42	
			For 10" WG (Class A), Add	35.10	
			For Work In Restricted Working Space, Add	22.89	
23 31 13	13-0877	LF	12" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	94.81	47.97
			For 3" WG (Class B), Add	11.99	
			For 4" Or 6" WG (Class A), Add	25.58	
			For 10" WG (Class A), Add	36.78	
			For Work In Restricted Working Space, Add	23.99	
23 31 13	13-0878	LF	12" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.13	50.14
			For 3" WG (Class B), Add	12.54	
			For 4" Or 6" WG (Class A), Add	26.75	
			For 10" WG (Class A), Add	38.45	
			For Work In Restricted Working Space, Add	25.07	
23 31 13	13-0879	LF	12" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.43	52.33
			For 3" WG (Class B), Add	13.08	
			For 4" Or 6" WG (Class A), Add	27.91	
			For 10" WG (Class A), Add	40.12	
			For Work In Restricted Working Space, Add	26.16	
23 31 13	13-0880	LF	14" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	60.34	30.53
			For 3" WG (Class B), Add	7.63	
			For 4" Or 6" WG (Class A), Add	16.28	
			For 10" WG (Class A), Add	23.40	
			For Work In Restricted Working Space, Add	15.26	
23 31 13	13-0881	LF	14" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	64.65	32.70
			For 3" WG (Class B), Add	8.18	
			For 4" Or 6" WG (Class A), Add	17.44	
			For 10" WG (Class A), Add	25.07	
			For Work In Restricted Working Space, Add	16.35	
23 31 13	13-0882	LF	14" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	68.96	34.89
			For 3" WG (Class B), Add	8.72	
			For 4" Or 6" WG (Class A), Add	18.61	
			For 10" WG (Class A), Add	26.75	
			For Work In Restricted Working Space, Add	17.45	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0883	LF	14" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.26	37.07
		For 3" WG (Class B), Add	9.27	
		For 4" Or 6" WG (Class A), Add	19.77	
		For 10" WG (Class A), Add	28.42	
		For Work In Restricted Working Space, Add	18.53	
23 31 13 13-0884	LF	14" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	77.58	39.24
		For 3" WG (Class B), Add	9.81	
		For 4" Or 6" WG (Class A), Add	20.93	
		For 10" WG (Class A), Add	30.09	
		For Work In Restricted Working Space, Add	19.62	
23 31 13 13-0885	LF	14" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	81.89	41.43
		For 3" WG (Class B), Add	10.36	
		For 4" Or 6" WG (Class A), Add	22.10	
		For 10" WG (Class A), Add	31.76	
		For Work In Restricted Working Space, Add	20.72	
23 31 13 13-0886	LF	14" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	86.20	43.61
		For 3" WG (Class B), Add	10.90	
		For 4" Or 6" WG (Class A), Add	23.26	
		For 10" WG (Class A), Add	33.43	
		For Work In Restricted Working Space, Add	21.80	
23 31 13 13-0887	LF	14" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	90.50	45.79
		For 3" WG (Class B), Add	11.45	
		For 4" Or 6" WG (Class A), Add	24.42	
		For 10" WG (Class A), Add	35.10	
		For Work In Restricted Working Space, Add	22.89	
23 31 13 13-0888	LF	14" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	94.81	47.97
		For 3" WG (Class B), Add	11.99	
		For 4" Or 6" WG (Class A), Add	25.58	
		For 10" WG (Class A), Add	36.78	
		For Work In Restricted Working Space, Add	23.99	
23 31 13 13-0889	LF	14" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	99.13	50.14
		For 3" WG (Class B), Add	12.54	
		For 4" Or 6" WG (Class A), Add	26.75	
		For 10" WG (Class A), Add	38.45	
		For Work In Restricted Working Space, Add	25.07	
23 31 13 13-0890	LF	14" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	103.43	52.33
		For 3" WG (Class B), Add	13.08	
		For 4" Or 6" WG (Class A), Add	27.91	
		For 10" WG (Class A), Add	40.12	
		For Work In Restricted Working Space, Add	26.16	
23 31 13 13-0891	LF	14" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.74	54.51
		For 3" WG (Class B), Add	13.63	
		For 4" Or 6" WG (Class A), Add	29.07	
		For 10" WG (Class A), Add	41.79	
		For Work In Restricted Working Space, Add	27.26	
23 31 13 13-0892	LF	16" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.96	34.89
		For 3" WG (Class B), Add	8.72	
		For 4" Or 6" WG (Class A), Add	18.61	
		For 10" WG (Class A), Add	26.75	
		For Work In Restricted Working Space, Add	17.45	
23 31 13 13-0893	LF	16" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.26	37.07
		For 3" WG (Class B), Add	9.27	
		For 4" Or 6" WG (Class A), Add	19.77	
		For 10" WG (Class A), Add	28.42	
		For Work In Restricted Working Space, Add	18.53	
23 31 13 13-0894	LF	16" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	77.58	39.24
		For 3" WG (Class B), Add	9.81	
		For 4" Or 6" WG (Class A), Add	20.93	
		For 10" WG (Class A), Add	30.09	
		For Work In Restricted Working Space, Add	19.62	
23 31 13 13-0895	LF	16" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	81.89	41.43
		For 3" WG (Class B), Add	10.36	
		For 4" Or 6" WG (Class A), Add	22.10	
		For 10" WG (Class A), Add	31.76	
		For Work In Restricted Working Space, Add	20.72	
23 31 13 13-0896	LF	16" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	86.20	43.61
		For 3" WG (Class B), Add	10.90	
		For 4" Or 6" WG (Class A), Add	23.26	
		For 10" WG (Class A), Add	33.43	
		For Work In Restricted Working Space, Add	21.80	
23 31 13 13-0897	LF	16" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	90.50	45.79
		For 3" WG (Class B), Add	11.45	
		For 4" Or 6" WG (Class A), Add	24.42	
		For 10" WG (Class A), Add	35.10	
		For Work In Restricted Working Space, Add	22.89	
23 31 13 13-0898	LF	16" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	94.81	47.97
		For 3" WG (Class B), Add	11.99	
		For 4" Or 6" WG (Class A), Add	25.58	
		For 10" WG (Class A), Add	36.78	
		For Work In Restricted Working Space, Add	23.99	
23 31 13 13-0899	LF	16" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	99.13	50.14
		For 3" WG (Class B), Add	12.54	
		For 4" Or 6" WG (Class A), Add	26.75	
		For 10" WG (Class A), Add	38.45	
		For Work In Restricted Working Space, Add	25.07	
23 31 13 13-0900	LF	16" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	103.43	52.33
		For 3" WG (Class B), Add	13.08	
		For 4" Or 6" WG (Class A), Add	27.91	
		For 10" WG (Class A), Add	40.12	
		For Work In Restricted Working Space, Add	26.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0901	LF	16" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	107.74 13.63 29.07 41.79 27.26	54.51
23 31 13	13-0902	LF	16" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	112.05 14.17 30.23 43.46 28.34	56.69
23 31 13	13-0903	LF	16" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	116.35 14.72 31.40 45.13 29.43	58.87
23 31 13	13-0904	LF	16" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	120.68 15.26 32.56 46.81 30.53	61.05
23 31 13	13-0905	LF	16" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	124.98 15.81 33.72 48.47 31.61	63.23
23 31 13	13-0906	LF	16" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	129.28 16.35 34.88 50.14 32.70	65.41
23 31 13	13-0907	LF	18" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	77.58 9.81 20.93 30.09 19.62	39.24
23 31 13	13-0908	LF	18" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	81.89 10.36 22.10 31.76 20.72	41.43
23 31 13	13-0909	LF	18" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	86.20 10.90 23.26 33.43 21.80	43.61
23 31 13	13-0910	LF	18" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	90.50 11.45 24.42 35.10 22.89	45.79
23 31 13	13-0911	LF	18" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	94.81 11.99 25.58 36.78 23.99	47.97
23 31 13	13-0912	LF	18" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	99.13 12.54 26.75 38.45 25.07	50.14
23 31 13	13-0913	LF	18" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	103.43 13.08 27.91 40.12 26.16	52.33
23 31 13	13-0914	LF	18" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	107.74 13.63 29.07 41.79 27.26	54.51
23 31 13	13-0915	LF	18" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	112.05 14.17 30.23 43.46 28.34	56.69
23 31 13	13-0916	LF	18" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	116.35 14.72 31.40 45.13 29.43	58.87
23 31 13	13-0917	LF	18" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	120.68 15.26 32.56 46.81 30.53	61.05
23 31 13	13-0918	LF	18" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork..... For 3" WG (Class B), Add For 4" Or 6" WG (Class A), Add For 10" WG (Class A), Add For Work In Restricted Working Space, Add	124.98 15.81 33.72 48.47 31.61	63.23

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-0919	LF 18" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.28	65.41
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31	13	13-0920	LF 18" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	133.60	67.59
			For 3" WG (Class B), Add	16.90	
			For 4" Or 6" WG (Class A), Add	36.05	
			For 10" WG (Class A), Add	51.82	
			For Work In Restricted Working Space, Add	33.80	
23 31	13	13-0921	LF 18" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77
			For 3" WG (Class B), Add	17.44	
			For 4" Or 6" WG (Class A), Add	37.21	
			For 10" WG (Class A), Add	53.49	
			For Work In Restricted Working Space, Add	34.88	
23 31	13	13-0922	LF 20" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	86.20	43.61
			For 3" WG (Class B), Add	10.90	
			For 4" Or 6" WG (Class A), Add	23.26	
			For 10" WG (Class A), Add	33.43	
			For Work In Restricted Working Space, Add	21.80	
23 31	13	13-0923	LF 20" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	90.50	45.79
			For 3" WG (Class B), Add	11.45	
			For 4" Or 6" WG (Class A), Add	24.42	
			For 10" WG (Class A), Add	35.10	
			For Work In Restricted Working Space, Add	22.89	
23 31	13	13-0924	LF 20" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	94.81	47.97
			For 3" WG (Class B), Add	11.99	
			For 4" Or 6" WG (Class A), Add	25.58	
			For 10" WG (Class A), Add	36.78	
			For Work In Restricted Working Space, Add	23.99	
23 31	13	13-0925	LF 20" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.13	50.14
			For 3" WG (Class B), Add	12.54	
			For 4" Or 6" WG (Class A), Add	26.75	
			For 10" WG (Class A), Add	38.45	
			For Work In Restricted Working Space, Add	25.07	
23 31	13	13-0926	LF 20" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.43	52.33
			For 3" WG (Class B), Add	13.08	
			For 4" Or 6" WG (Class A), Add	27.91	
			For 10" WG (Class A), Add	40.12	
			For Work In Restricted Working Space, Add	26.16	
23 31	13	13-0927	LF 20" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	107.74	54.51
			For 3" WG (Class B), Add	13.63	
			For 4" Or 6" WG (Class A), Add	29.07	
			For 10" WG (Class A), Add	41.79	
			For Work In Restricted Working Space, Add	27.26	
23 31	13	13-0928	LF 20" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.05	56.69
			For 3" WG (Class B), Add	14.17	
			For 4" Or 6" WG (Class A), Add	30.23	
			For 10" WG (Class A), Add	43.46	
			For Work In Restricted Working Space, Add	28.34	
23 31	13	13-0929	LF 20" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	116.35	58.87
			For 3" WG (Class B), Add	14.72	
			For 4" Or 6" WG (Class A), Add	31.40	
			For 10" WG (Class A), Add	45.13	
			For Work In Restricted Working Space, Add	29.43	
23 31	13	13-0930	LF 20" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.68	61.05
			For 3" WG (Class B), Add	15.26	
			For 4" Or 6" WG (Class A), Add	32.56	
			For 10" WG (Class A), Add	46.81	
			For Work In Restricted Working Space, Add	30.53	
23 31	13	13-0931	LF 20" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	124.98	63.23
			For 3" WG (Class B), Add	15.81	
			For 4" Or 6" WG (Class A), Add	33.72	
			For 10" WG (Class A), Add	48.47	
			For Work In Restricted Working Space, Add	31.61	
23 31	13	13-0932	LF 20" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.28	65.41
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31	13	13-0933	LF 20" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	133.60	67.59
			For 3" WG (Class B), Add	16.90	
			For 4" Or 6" WG (Class A), Add	36.05	
			For 10" WG (Class A), Add	51.82	
			For Work In Restricted Working Space, Add	33.80	
23 31	13	13-0934	LF 20" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77
			For 3" WG (Class B), Add	17.44	
			For 4" Or 6" WG (Class A), Add	37.21	
			For 10" WG (Class A), Add	53.49	
			For Work In Restricted Working Space, Add	34.88	
23 31	13	13-0935	LF 20" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.21	71.95
			For 3" WG (Class B), Add	17.99	
			For 4" Or 6" WG (Class A), Add	38.37	
			For 10" WG (Class A), Add	55.16	
			For Work In Restricted Working Space, Add	35.97	
23 31	13	13-0936	LF 20" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13
			For 3" WG (Class B), Add	18.53	
			For 4" Or 6" WG (Class A), Add	39.54	
			For 10" WG (Class A), Add	56.84	
			For Work In Restricted Working Space, Add	37.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0937	LF	22" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	94.81	47.97
			For 3" WG (Class B), Add	11.99	
			For 4" Or 6" WG (Class A), Add	25.58	
			For 10" WG (Class A), Add	36.78	
			For Work In Restricted Working Space, Add	23.99	
23 31 13	13-0938	LF	22" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	99.13	50.14
			For 3" WG (Class B), Add	12.54	
			For 4" Or 6" WG (Class A), Add	26.75	
			For 10" WG (Class A), Add	38.45	
			For Work In Restricted Working Space, Add	25.07	
23 31 13	13-0939	LF	22" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.43	52.33
			For 3" WG (Class B), Add	13.08	
			For 4" Or 6" WG (Class A), Add	27.91	
			For 10" WG (Class A), Add	40.12	
			For Work In Restricted Working Space, Add	26.16	
23 31 13	13-0940	LF	22" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	107.74	54.51
			For 3" WG (Class B), Add	13.63	
			For 4" Or 6" WG (Class A), Add	29.07	
			For 10" WG (Class A), Add	41.79	
			For Work In Restricted Working Space, Add	27.26	
23 31 13	13-0941	LF	22" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.05	56.69
			For 3" WG (Class B), Add	14.17	
			For 4" Or 6" WG (Class A), Add	30.23	
			For 10" WG (Class A), Add	43.46	
			For Work In Restricted Working Space, Add	28.34	
23 31 13	13-0942	LF	22" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	116.35	58.87
			For 3" WG (Class B), Add	14.72	
			For 4" Or 6" WG (Class A), Add	31.40	
			For 10" WG (Class A), Add	45.13	
			For Work In Restricted Working Space, Add	29.43	
23 31 13	13-0943	LF	22" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.68	61.05
			For 3" WG (Class B), Add	15.26	
			For 4" Or 6" WG (Class A), Add	32.56	
			For 10" WG (Class A), Add	46.81	
			For Work In Restricted Working Space, Add	30.53	
23 31 13	13-0944	LF	22" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	124.98	63.23
			For 3" WG (Class B), Add	15.81	
			For 4" Or 6" WG (Class A), Add	33.72	
			For 10" WG (Class A), Add	48.47	
			For Work In Restricted Working Space, Add	31.61	
23 31 13	13-0945	LF	22" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.28	65.41
			For 3" WG (Class B), Add	16.35	
			For 4" Or 6" WG (Class A), Add	34.88	
			For 10" WG (Class A), Add	50.14	
			For Work In Restricted Working Space, Add	32.70	
23 31 13	13-0946	LF	22" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	133.60	67.59
			For 3" WG (Class B), Add	16.90	
			For 4" Or 6" WG (Class A), Add	36.05	
			For 10" WG (Class A), Add	51.82	
			For Work In Restricted Working Space, Add	33.80	
23 31 13	13-0947	LF	22" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77
			For 3" WG (Class B), Add	17.44	
			For 4" Or 6" WG (Class A), Add	37.21	
			For 10" WG (Class A), Add	53.49	
			For Work In Restricted Working Space, Add	34.88	
23 31 13	13-0948	LF	22" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.21	71.95
			For 3" WG (Class B), Add	17.99	
			For 4" Or 6" WG (Class A), Add	38.37	
			For 10" WG (Class A), Add	55.16	
			For Work In Restricted Working Space, Add	35.97	
23 31 13	13-0949	LF	22" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13
			For 3" WG (Class B), Add	18.53	
			For 4" Or 6" WG (Class A), Add	39.54	
			For 10" WG (Class A), Add	56.84	
			For Work In Restricted Working Space, Add	37.07	
23 31 13	13-0950	LF	22" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31
			For 3" WG (Class B), Add	19.08	
			For 4" Or 6" WG (Class A), Add	40.70	
			For 10" WG (Class A), Add	58.51	
			For Work In Restricted Working Space, Add	38.16	
23 31 13	13-0951	LF	24" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	103.43	52.33
			For 3" WG (Class B), Add	13.08	
			For 4" Or 6" WG (Class A), Add	27.91	
			For 10" WG (Class A), Add	40.12	
			For Work In Restricted Working Space, Add	26.16	
23 31 13	13-0952	LF	24" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	107.74	54.51
			For 3" WG (Class B), Add	13.63	
			For 4" Or 6" WG (Class A), Add	29.07	
			For 10" WG (Class A), Add	41.79	
			For Work In Restricted Working Space, Add	27.26	
23 31 13	13-0953	LF	24" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	112.05	56.69
			For 3" WG (Class B), Add	14.17	
			For 4" Or 6" WG (Class A), Add	30.23	
			For 10" WG (Class A), Add	43.46	
			For Work In Restricted Working Space, Add	28.34	
23 31 13	13-0954	LF	24" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	116.35	58.87
			For 3" WG (Class B), Add	14.72	
			For 4" Or 6" WG (Class A), Add	31.40	
			For 10" WG (Class A), Add	45.13	
			For Work In Restricted Working Space, Add	29.43	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0955	LF	24" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	120.68	61.05	
		<i>For 3" WG (Class B), Add</i>	15.26		
		<i>For 4" Or 6" WG (Class A), Add</i>	32.56		
		<i>For 10" WG (Class A), Add</i>	46.81		
		<i>For Work In Restricted Working Space, Add</i>	30.53		
23 31 13 13-0956	LF	24" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.98	63.23	
		<i>For 3" WG (Class B), Add</i>	15.81		
		<i>For 4" Or 6" WG (Class A), Add</i>	33.72		
		<i>For 10" WG (Class A), Add</i>	48.47		
		<i>For Work In Restricted Working Space, Add</i>	31.61		
23 31 13 13-0957	LF	24" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	129.28	65.41	
		<i>For 3" WG (Class B), Add</i>	16.35		
		<i>For 4" Or 6" WG (Class A), Add</i>	34.88		
		<i>For 10" WG (Class A), Add</i>	50.14		
		<i>For Work In Restricted Working Space, Add</i>	32.70		
23 31 13 13-0958	LF	24" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.60	67.59	
		<i>For 3" WG (Class B), Add</i>	16.90		
		<i>For 4" Or 6" WG (Class A), Add</i>	36.05		
		<i>For 10" WG (Class A), Add</i>	51.82		
		<i>For Work In Restricted Working Space, Add</i>	33.80		
23 31 13 13-0959	LF	24" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.91	69.77	
		<i>For 3" WG (Class B), Add</i>	17.44		
		<i>For 4" Or 6" WG (Class A), Add</i>	37.21		
		<i>For 10" WG (Class A), Add</i>	53.49		
		<i>For Work In Restricted Working Space, Add</i>	34.88		
23 31 13 13-0960	LF	24" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.21	71.95	
		<i>For 3" WG (Class B), Add</i>	17.99		
		<i>For 4" Or 6" WG (Class A), Add</i>	38.37		
		<i>For 10" WG (Class A), Add</i>	55.16		
		<i>For Work In Restricted Working Space, Add</i>	35.97		
23 31 13 13-0961	LF	24" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	146.54	74.13	
		<i>For 3" WG (Class B), Add</i>	18.53		
		<i>For 4" Or 6" WG (Class A), Add</i>	39.54		
		<i>For 10" WG (Class A), Add</i>	56.84		
		<i>For Work In Restricted Working Space, Add</i>	37.07		
23 31 13 13-0962	LF	24" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	150.84	76.31	
		<i>For 3" WG (Class B), Add</i>	19.08		
		<i>For 4" Or 6" WG (Class A), Add</i>	40.70		
		<i>For 10" WG (Class A), Add</i>	58.51		
		<i>For Work In Restricted Working Space, Add</i>	38.16		
23 31 13 13-0963	LF	24" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	155.15	78.50	
		<i>For 3" WG (Class B), Add</i>	19.62		
		<i>For 4" Or 6" WG (Class A), Add</i>	41.86		
		<i>For 10" WG (Class A), Add</i>	60.18		
		<i>For Work In Restricted Working Space, Add</i>	39.25		
23 31 13 13-0964	LF	26" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.05	56.69	
		<i>For 3" WG (Class B), Add</i>	14.17		
		<i>For 4" Or 6" WG (Class A), Add</i>	30.23		
		<i>For 10" WG (Class A), Add</i>	43.46		
		<i>For Work In Restricted Working Space, Add</i>	28.34		
23 31 13 13-0965	LF	26" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	116.35	58.87	
		<i>For 3" WG (Class B), Add</i>	14.72		
		<i>For 4" Or 6" WG (Class A), Add</i>	31.40		
		<i>For 10" WG (Class A), Add</i>	45.13		
		<i>For Work In Restricted Working Space, Add</i>	29.43		
23 31 13 13-0966	LF	26" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	120.68	61.05	
		<i>For 3" WG (Class B), Add</i>	15.26		
		<i>For 4" Or 6" WG (Class A), Add</i>	32.56		
		<i>For 10" WG (Class A), Add</i>	46.81		
		<i>For Work In Restricted Working Space, Add</i>	30.53		
23 31 13 13-0967	LF	26" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.98	63.23	
		<i>For 3" WG (Class B), Add</i>	15.81		
		<i>For 4" Or 6" WG (Class A), Add</i>	33.72		
		<i>For 10" WG (Class A), Add</i>	48.47		
		<i>For Work In Restricted Working Space, Add</i>	31.61		
23 31 13 13-0968	LF	26" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	129.28	65.41	
		<i>For 3" WG (Class B), Add</i>	16.35		
		<i>For 4" Or 6" WG (Class A), Add</i>	34.88		
		<i>For 10" WG (Class A), Add</i>	50.14		
		<i>For Work In Restricted Working Space, Add</i>	32.70		
23 31 13 13-0969	LF	26" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.60	67.59	
		<i>For 3" WG (Class B), Add</i>	16.90		
		<i>For 4" Or 6" WG (Class A), Add</i>	36.05		
		<i>For 10" WG (Class A), Add</i>	51.82		
		<i>For Work In Restricted Working Space, Add</i>	33.80		
23 31 13 13-0970	LF	26" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.91	69.77	
		<i>For 3" WG (Class B), Add</i>	17.44		
		<i>For 4" Or 6" WG (Class A), Add</i>	37.21		
		<i>For 10" WG (Class A), Add</i>	53.49		
		<i>For Work In Restricted Working Space, Add</i>	34.88		
23 31 13 13-0971	LF	26" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.21	71.95	
		<i>For 3" WG (Class B), Add</i>	17.99		
		<i>For 4" Or 6" WG (Class A), Add</i>	38.37		
		<i>For 10" WG (Class A), Add</i>	55.16		
		<i>For Work In Restricted Working Space, Add</i>	35.97		
23 31 13 13-0972	LF	26" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	146.54	74.13	
		<i>For 3" WG (Class B), Add</i>	18.53		
		<i>For 4" Or 6" WG (Class A), Add</i>	39.54		
		<i>For 10" WG (Class A), Add</i>	56.84		
		<i>For Work In Restricted Working Space, Add</i>	37.07		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0973	LF	26" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31	
		For 3" WG (Class B), Add	19.08		
		For 4" Or 6" WG (Class A), Add	40.70		
		For 10" WG (Class A), Add	58.51		
		For Work In Restricted Working Space, Add	38.16		
23 31 13 13-0974	LF	26" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.15	78.50	
		For 3" WG (Class B), Add	19.62		
		For 4" Or 6" WG (Class A), Add	41.86		
		For 10" WG (Class A), Add	60.18		
		For Work In Restricted Working Space, Add	39.25		
23 31 13 13-0975	LF	26" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	159.47	80.67	
		For 3" WG (Class B), Add	20.17		
		For 4" Or 6" WG (Class A), Add	43.03		
		For 10" WG (Class A), Add	61.85		
		For Work In Restricted Working Space, Add	40.34		
23 31 13 13-0976	LF	28" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	120.68	61.05	
		For 3" WG (Class B), Add	15.26		
		For 4" Or 6" WG (Class A), Add	32.56		
		For 10" WG (Class A), Add	46.81		
		For Work In Restricted Working Space, Add	30.53		
23 31 13 13-0977	LF	28" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	124.98	63.23	
		For 3" WG (Class B), Add	15.81		
		For 4" Or 6" WG (Class A), Add	33.72		
		For 10" WG (Class A), Add	48.47		
		For Work In Restricted Working Space, Add	31.61		
23 31 13 13-0978	LF	28" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.28	65.41	
		For 3" WG (Class B), Add	16.35		
		For 4" Or 6" WG (Class A), Add	34.88		
		For 10" WG (Class A), Add	50.14		
		For Work In Restricted Working Space, Add	32.70		
23 31 13 13-0979	LF	28" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	133.60	67.59	
		For 3" WG (Class B), Add	16.90		
		For 4" Or 6" WG (Class A), Add	36.05		
		For 10" WG (Class A), Add	51.82		
		For Work In Restricted Working Space, Add	33.80		
23 31 13 13-0980	LF	28" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77	
		For 3" WG (Class B), Add	17.44		
		For 4" Or 6" WG (Class A), Add	37.21		
		For 10" WG (Class A), Add	53.49		
		For Work In Restricted Working Space, Add	34.88		
23 31 13 13-0981	LF	28" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.21	71.95	
		For 3" WG (Class B), Add	17.99		
		For 4" Or 6" WG (Class A), Add	38.37		
		For 10" WG (Class A), Add	55.16		
		For Work In Restricted Working Space, Add	35.97		
23 31 13 13-0982	LF	28" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13	
		For 3" WG (Class B), Add	18.53		
		For 4" Or 6" WG (Class A), Add	39.54		
		For 10" WG (Class A), Add	56.84		
		For Work In Restricted Working Space, Add	37.07		
23 31 13 13-0983	LF	28" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31	
		For 3" WG (Class B), Add	19.08		
		For 4" Or 6" WG (Class A), Add	40.70		
		For 10" WG (Class A), Add	58.51		
		For Work In Restricted Working Space, Add	38.16		
23 31 13 13-0984	LF	28" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.15	78.50	
		For 3" WG (Class B), Add	19.62		
		For 4" Or 6" WG (Class A), Add	41.86		
		For 10" WG (Class A), Add	60.18		
		For Work In Restricted Working Space, Add	39.25		
23 31 13 13-0985	LF	28" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	159.47	80.67	
		For 3" WG (Class B), Add	20.17		
		For 4" Or 6" WG (Class A), Add	43.03		
		For 10" WG (Class A), Add	61.85		
		For Work In Restricted Working Space, Add	40.34		
23 31 13 13-0986	LF	28" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	163.77	82.85	
		For 3" WG (Class B), Add	20.71		
		For 4" Or 6" WG (Class A), Add	44.19		
		For 10" WG (Class A), Add	63.52		
		For Work In Restricted Working Space, Add	41.43		
23 31 13 13-0987	LF	30" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	129.28	65.41	
		For 3" WG (Class B), Add	16.35		
		For 4" Or 6" WG (Class A), Add	34.88		
		For 10" WG (Class A), Add	50.14		
		For Work In Restricted Working Space, Add	32.70		
23 31 13 13-0988	LF	30" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	133.60	67.59	
		For 3" WG (Class B), Add	16.90		
		For 4" Or 6" WG (Class A), Add	36.05		
		For 10" WG (Class A), Add	51.82		
		For Work In Restricted Working Space, Add	33.80		
23 31 13 13-0989	LF	30" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77	
		For 3" WG (Class B), Add	17.44		
		For 4" Or 6" WG (Class A), Add	37.21		
		For 10" WG (Class A), Add	53.49		
		For Work In Restricted Working Space, Add	34.88		
23 31 13 13-0990	LF	30" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.21	71.95	
		For 3" WG (Class B), Add	17.99		
		For 4" Or 6" WG (Class A), Add	38.37		
		For 10" WG (Class A), Add	55.16		
		For Work In Restricted Working Space, Add	35.97		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0991	LF	30" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13
			For 3" WG (Class B), Add	18.53	
			For 4" Or 6" WG (Class A), Add	39.54	
			For 10" WG (Class A), Add	56.84	
			For Work In Restricted Working Space, Add	37.07	
23 31	13 13-0992	LF	30" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31
			For 3" WG (Class B), Add	19.08	
			For 4" Or 6" WG (Class A), Add	40.70	
			For 10" WG (Class A), Add	58.51	
			For Work In Restricted Working Space, Add	38.16	
23 31	13 13-0993	LF	30" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.15	78.50
			For 3" WG (Class B), Add	19.62	
			For 4" Or 6" WG (Class A), Add	41.86	
			For 10" WG (Class A), Add	60.18	
			For Work In Restricted Working Space, Add	39.25	
23 31	13 13-0994	LF	30" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	159.47	80.67
			For 3" WG (Class B), Add	20.17	
			For 4" Or 6" WG (Class A), Add	43.03	
			For 10" WG (Class A), Add	61.85	
			For Work In Restricted Working Space, Add	40.34	
23 31	13 13-0995	LF	30" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	163.77	82.85
			For 3" WG (Class B), Add	20.71	
			For 4" Or 6" WG (Class A), Add	44.19	
			For 10" WG (Class A), Add	63.52	
			For Work In Restricted Working Space, Add	41.43	
23 31	13 13-0996	LF	30" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	168.08	85.03
			For 3" WG (Class B), Add	21.26	
			For 4" Or 6" WG (Class A), Add	45.35	
			For 10" WG (Class A), Add	65.19	
			For Work In Restricted Working Space, Add	42.52	
23 31	13 13-0997	LF	32" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	137.91	69.77
			For 3" WG (Class B), Add	17.44	
			For 4" Or 6" WG (Class A), Add	37.21	
			For 10" WG (Class A), Add	53.49	
			For Work In Restricted Working Space, Add	34.88	
23 31	13 13-0998	LF	32" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	142.21	71.95
			For 3" WG (Class B), Add	17.99	
			For 4" Or 6" WG (Class A), Add	38.37	
			For 10" WG (Class A), Add	55.16	
			For Work In Restricted Working Space, Add	35.97	
23 31	13 13-0999	LF	32" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13
			For 3" WG (Class B), Add	18.53	
			For 4" Or 6" WG (Class A), Add	39.54	
			For 10" WG (Class A), Add	56.84	
			For Work In Restricted Working Space, Add	37.07	
23 31	13 13-1000	LF	32" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31
			For 3" WG (Class B), Add	19.08	
			For 4" Or 6" WG (Class A), Add	40.70	
			For 10" WG (Class A), Add	58.51	
			For Work In Restricted Working Space, Add	38.16	
23 31	13 13-1001	LF	32" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.15	78.50
			For 3" WG (Class B), Add	19.62	
			For 4" Or 6" WG (Class A), Add	41.86	
			For 10" WG (Class A), Add	60.18	
			For Work In Restricted Working Space, Add	39.25	
23 31	13 13-1002	LF	32" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	159.47	80.67
			For 3" WG (Class B), Add	20.17	
			For 4" Or 6" WG (Class A), Add	43.03	
			For 10" WG (Class A), Add	61.85	
			For Work In Restricted Working Space, Add	40.34	
23 31	13 13-1003	LF	32" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	163.77	82.85
			For 3" WG (Class B), Add	20.71	
			For 4" Or 6" WG (Class A), Add	44.19	
			For 10" WG (Class A), Add	63.52	
			For Work In Restricted Working Space, Add	41.43	
23 31	13 13-1004	LF	32" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	168.08	85.03
			For 3" WG (Class B), Add	21.26	
			For 4" Or 6" WG (Class A), Add	45.35	
			For 10" WG (Class A), Add	65.19	
			For Work In Restricted Working Space, Add	42.52	
23 31	13 13-1005	LF	32" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.39	87.21
			For 3" WG (Class B), Add	21.80	
			For 4" Or 6" WG (Class A), Add	46.52	
			For 10" WG (Class A), Add	66.87	
			For Work In Restricted Working Space, Add	43.61	
23 31	13 13-1006	LF	34" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	146.54	74.13
			For 3" WG (Class B), Add	18.53	
			For 4" Or 6" WG (Class A), Add	39.54	
			For 10" WG (Class A), Add	56.84	
			For Work In Restricted Working Space, Add	37.07	
23 31	13 13-1007	LF	34" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	150.84	76.31
			For 3" WG (Class B), Add	19.08	
			For 4" Or 6" WG (Class A), Add	40.70	
			For 10" WG (Class A), Add	58.51	
			For Work In Restricted Working Space, Add	38.16	
23 31	13 13-1008	LF	34" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	155.15	78.50
			For 3" WG (Class B), Add	19.62	
			For 4" Or 6" WG (Class A), Add	41.86	
			For 10" WG (Class A), Add	60.18	
			For Work In Restricted Working Space, Add	39.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1009	LF	34" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	159.47	80.67	
		For 3" WG (Class B), Add	20.17		
		For 4" Or 6" WG (Class A), Add	43.03		
		For 10" WG (Class A), Add	61.85		
		For Work In Restricted Working Space, Add	40.34		
23 31 13 13-1010	LF	34" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	163.77	82.85	
		For 3" WG (Class B), Add	20.71		
		For 4" Or 6" WG (Class A), Add	44.19		
		For 10" WG (Class A), Add	63.52		
		For Work In Restricted Working Space, Add	41.43		
23 31 13 13-1011	LF	34" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	168.08	85.03	
		For 3" WG (Class B), Add	21.26		
		For 4" Or 6" WG (Class A), Add	45.35		
		For 10" WG (Class A), Add	65.19		
		For Work In Restricted Working Space, Add	42.52		
23 31 13 13-1012	LF	34" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	172.39	87.21	
		For 3" WG (Class B), Add	21.80		
		For 4" Or 6" WG (Class A), Add	46.52		
		For 10" WG (Class A), Add	66.87		
		For Work In Restricted Working Space, Add	43.61		
23 31 13 13-1013	LF	34" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.69	89.40	
		For 3" WG (Class B), Add	22.35		
		For 4" Or 6" WG (Class A), Add	47.68		
		For 10" WG (Class A), Add	68.54		
		For Work In Restricted Working Space, Add	44.70		
23 31 13 13-1014	LF	36" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	155.15	78.50	
		For 3" WG (Class B), Add	19.62		
		For 4" Or 6" WG (Class A), Add	41.86		
		For 10" WG (Class A), Add	60.18		
		For Work In Restricted Working Space, Add	39.25		
23 31 13 13-1015	LF	36" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	159.47	80.67	
		For 3" WG (Class B), Add	20.17		
		For 4" Or 6" WG (Class A), Add	43.03		
		For 10" WG (Class A), Add	61.85		
		For Work In Restricted Working Space, Add	40.34		
23 31 13 13-1016	LF	36" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	163.77	82.85	
		For 3" WG (Class B), Add	20.71		
		For 4" Or 6" WG (Class A), Add	44.19		
		For 10" WG (Class A), Add	63.52		
		For Work In Restricted Working Space, Add	41.43		
23 31 13 13-1017	LF	36" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	168.08	85.03	
		For 3" WG (Class B), Add	21.26		
		For 4" Or 6" WG (Class A), Add	45.35		
		For 10" WG (Class A), Add	65.19		
		For Work In Restricted Working Space, Add	42.52		
23 31 13 13-1018	LF	36" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	172.39	87.21	
		For 3" WG (Class B), Add	21.80		
		For 4" Or 6" WG (Class A), Add	46.52		
		For 10" WG (Class A), Add	66.87		
		For Work In Restricted Working Space, Add	43.61		
23 31 13 13-1019	LF	36" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.69	89.40	
		For 3" WG (Class B), Add	22.35		
		For 4" Or 6" WG (Class A), Add	47.68		
		For 10" WG (Class A), Add	68.54		
		For Work In Restricted Working Space, Add	44.70		
23 31 13 13-1020	LF	36" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.02	91.57	
		For 3" WG (Class B), Add	22.89		
		For 4" Or 6" WG (Class A), Add	48.84		
		For 10" WG (Class A), Add	70.21		
		For Work In Restricted Working Space, Add	45.79		
23 31 13 13-1021	LF	38" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	163.77	82.85	
		For 3" WG (Class B), Add	20.71		
		For 4" Or 6" WG (Class A), Add	44.19		
		For 10" WG (Class A), Add	63.52		
		For Work In Restricted Working Space, Add	41.43		
23 31 13 13-1022	LF	38" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	168.08	85.03	
		For 3" WG (Class B), Add	21.26		
		For 4" Or 6" WG (Class A), Add	45.35		
		For 10" WG (Class A), Add	65.19		
		For Work In Restricted Working Space, Add	42.52		
23 31 13 13-1023	LF	38" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	172.39	87.21	
		For 3" WG (Class B), Add	21.80		
		For 4" Or 6" WG (Class A), Add	46.52		
		For 10" WG (Class A), Add	66.87		
		For Work In Restricted Working Space, Add	43.61		
23 31 13 13-1024	LF	38" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.69	89.40	
		For 3" WG (Class B), Add	22.35		
		For 4" Or 6" WG (Class A), Add	47.68		
		For 10" WG (Class A), Add	68.54		
		For Work In Restricted Working Space, Add	44.70		
23 31 13 13-1025	LF	38" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.02	91.57	
		For 3" WG (Class B), Add	22.89		
		For 4" Or 6" WG (Class A), Add	48.84		
		For 10" WG (Class A), Add	70.21		
		For Work In Restricted Working Space, Add	45.79		
23 31 13 13-1026	LF	38" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	185.32	93.76	
		For 3" WG (Class B), Add	23.44		
		For 4" Or 6" WG (Class A), Add	50.00		
		For 10" WG (Class A), Add	71.88		
		For Work In Restricted Working Space, Add	46.88		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-1027	LF	38" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	189.63	95.94
			<i>For 3" WG (Class B), Add</i>	23.98	
			<i>For 4" Or 6" WG (Class A), Add</i>	51.16	
			<i>For 10" WG (Class A), Add</i>	73.55	
			<i>For Work In Restricted Working Space, Add</i>	47.97	
23 31	13 13-1028	LF	40" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	172.39	87.21
			<i>For 3" WG (Class B), Add</i>	21.80	
			<i>For 4" Or 6" WG (Class A), Add</i>	46.52	
			<i>For 10" WG (Class A), Add</i>	66.87	
			<i>For Work In Restricted Working Space, Add</i>	43.61	
23 31	13 13-1029	LF	40" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	176.69	89.40
			<i>For 3" WG (Class B), Add</i>	22.35	
			<i>For 4" Or 6" WG (Class A), Add</i>	47.68	
			<i>For 10" WG (Class A), Add</i>	68.54	
			<i>For Work In Restricted Working Space, Add</i>	44.70	
23 31	13 13-1030	LF	40" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	181.02	91.57
			<i>For 3" WG (Class B), Add</i>	22.89	
			<i>For 4" Or 6" WG (Class A), Add</i>	48.84	
			<i>For 10" WG (Class A), Add</i>	70.21	
			<i>For Work In Restricted Working Space, Add</i>	45.79	
23 31	13 13-1031	LF	40" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	185.32	93.76
			<i>For 3" WG (Class B), Add</i>	23.44	
			<i>For 4" Or 6" WG (Class A), Add</i>	50.00	
			<i>For 10" WG (Class A), Add</i>	71.88	
			<i>For Work In Restricted Working Space, Add</i>	46.88	
23 31	13 13-1032	LF	40" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	189.63	95.94
			<i>For 3" WG (Class B), Add</i>	23.98	
			<i>For 4" Or 6" WG (Class A), Add</i>	51.16	
			<i>For 10" WG (Class A), Add</i>	73.55	
			<i>For Work In Restricted Working Space, Add</i>	47.97	
23 31	13 13-1033	LF	40" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	193.94	98.11
			<i>For 3" WG (Class B), Add</i>	24.53	
			<i>For 4" Or 6" WG (Class A), Add</i>	52.33	
			<i>For 10" WG (Class A), Add</i>	75.22	
			<i>For Work In Restricted Working Space, Add</i>	49.06	
23 31	13 13-1034	LF	40" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	198.24	100.30
			<i>For 3" WG (Class B), Add</i>	25.07	
			<i>For 4" Or 6" WG (Class A), Add</i>	53.49	
			<i>For 10" WG (Class A), Add</i>	76.89	
			<i>For Work In Restricted Working Space, Add</i>	50.15	
23 31	13 13-1035	LF	40" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	202.56	102.47
			<i>For 3" WG (Class B), Add</i>	25.62	
			<i>For 4" Or 6" WG (Class A), Add</i>	54.65	
			<i>For 10" WG (Class A), Add</i>	78.56	
			<i>For Work In Restricted Working Space, Add</i>	51.24	
23 31	13 13-1036	LF	40" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	206.87	104.66
			<i>For 3" WG (Class B), Add</i>	26.16	
			<i>For 4" Or 6" WG (Class A), Add</i>	55.82	
			<i>For 10" WG (Class A), Add</i>	80.24	
			<i>For Work In Restricted Working Space, Add</i>	52.33	
23 31	13 13-1037	LF	42" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	181.02	91.57
			<i>For 3" WG (Class B), Add</i>	22.89	
			<i>For 4" Or 6" WG (Class A), Add</i>	48.84	
			<i>For 10" WG (Class A), Add</i>	70.21	
			<i>For Work In Restricted Working Space, Add</i>	45.79	
23 31	13 13-1038	LF	42" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	185.32	93.76
			<i>For 3" WG (Class B), Add</i>	23.44	
			<i>For 4" Or 6" WG (Class A), Add</i>	50.00	
			<i>For 10" WG (Class A), Add</i>	71.88	
			<i>For Work In Restricted Working Space, Add</i>	46.88	
23 31	13 13-1039	LF	42" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	189.63	95.94
			<i>For 3" WG (Class B), Add</i>	23.98	
			<i>For 4" Or 6" WG (Class A), Add</i>	51.16	
			<i>For 10" WG (Class A), Add</i>	73.55	
			<i>For Work In Restricted Working Space, Add</i>	47.97	
23 31	13 13-1040	LF	42" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	193.94	98.11
			<i>For 3" WG (Class B), Add</i>	24.53	
			<i>For 4" Or 6" WG (Class A), Add</i>	52.33	
			<i>For 10" WG (Class A), Add</i>	75.22	
			<i>For Work In Restricted Working Space, Add</i>	49.06	
23 31	13 13-1041	LF	42" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	198.24	100.30
			<i>For 3" WG (Class B), Add</i>	25.07	
			<i>For 4" Or 6" WG (Class A), Add</i>	53.49	
			<i>For 10" WG (Class A), Add</i>	76.89	
			<i>For Work In Restricted Working Space, Add</i>	50.15	
23 31	13 13-1042	LF	42" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	202.56	102.47
			<i>For 3" WG (Class B), Add</i>	25.62	
			<i>For 4" Or 6" WG (Class A), Add</i>	54.65	
			<i>For 10" WG (Class A), Add</i>	78.56	
			<i>For Work In Restricted Working Space, Add</i>	51.24	
23 31	13 13-1043	LF	42" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	206.87	104.66
			<i>For 3" WG (Class B), Add</i>	26.16	
			<i>For 4" Or 6" WG (Class A), Add</i>	55.82	
			<i>For 10" WG (Class A), Add</i>	80.24	
			<i>For Work In Restricted Working Space, Add</i>	52.33	
23 31	13 13-1044	LF	42" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	211.17	106.84
			<i>For 3" WG (Class B), Add</i>	26.71	
			<i>For 4" Or 6" WG (Class A), Add</i>	56.98	
			<i>For 10" WG (Class A), Add</i>	81.91	
			<i>For Work In Restricted Working Space, Add</i>	53.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1045	LF	44" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	189.63	95.94	
		For 3" WG (Class B), Add	23.98		
		For 4" Or 6" WG (Class A), Add	51.16		
		For 10" WG (Class A), Add	73.55		
		For Work In Restricted Working Space, Add	47.97		
23 31 13 13-1046	LF	44" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	193.94	98.11	
		For 3" WG (Class B), Add	24.53		
		For 4" Or 6" WG (Class A), Add	52.33		
		For 10" WG (Class A), Add	75.22		
		For Work In Restricted Working Space, Add	49.06		
23 31 13 13-1047	LF	44" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	198.24	100.30	
		For 3" WG (Class B), Add	25.07		
		For 4" Or 6" WG (Class A), Add	53.49		
		For 10" WG (Class A), Add	76.89		
		For Work In Restricted Working Space, Add	50.15		
23 31 13 13-1048	LF	44" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	202.56	102.47	
		For 3" WG (Class B), Add	25.62		
		For 4" Or 6" WG (Class A), Add	54.65		
		For 10" WG (Class A), Add	78.56		
		For Work In Restricted Working Space, Add	51.24		
23 31 13 13-1049	LF	44" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	206.87	104.66	
		For 3" WG (Class B), Add	26.16		
		For 4" Or 6" WG (Class A), Add	55.82		
		For 10" WG (Class A), Add	80.24		
		For Work In Restricted Working Space, Add	52.33		
23 31 13 13-1050	LF	44" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	211.17	106.84	
		For 3" WG (Class B), Add	26.71		
		For 4" Or 6" WG (Class A), Add	56.98		
		For 10" WG (Class A), Add	81.91		
		For Work In Restricted Working Space, Add	53.42		
23 31 13 13-1051	LF	44" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.48	109.01	
		For 3" WG (Class B), Add	27.25		
		For 4" Or 6" WG (Class A), Add	58.14		
		For 10" WG (Class A), Add	83.58		
		For Work In Restricted Working Space, Add	54.51		
23 31 13 13-1052	LF	46" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	198.24	100.30	
		For 3" WG (Class B), Add	25.07		
		For 4" Or 6" WG (Class A), Add	53.49		
		For 10" WG (Class A), Add	76.89		
		For Work In Restricted Working Space, Add	50.15		
23 31 13 13-1053	LF	46" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	202.56	102.47	
		For 3" WG (Class B), Add	25.62		
		For 4" Or 6" WG (Class A), Add	54.65		
		For 10" WG (Class A), Add	78.56		
		For Work In Restricted Working Space, Add	51.24		
23 31 13 13-1054	LF	46" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	206.87	104.66	
		For 3" WG (Class B), Add	26.16		
		For 4" Or 6" WG (Class A), Add	55.82		
		For 10" WG (Class A), Add	80.24		
		For Work In Restricted Working Space, Add	52.33		
23 31 13 13-1055	LF	46" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	211.17	106.84	
		For 3" WG (Class B), Add	26.71		
		For 4" Or 6" WG (Class A), Add	56.98		
		For 10" WG (Class A), Add	81.91		
		For Work In Restricted Working Space, Add	53.42		
23 31 13 13-1056	LF	46" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.48	109.01	
		For 3" WG (Class B), Add	27.25		
		For 4" Or 6" WG (Class A), Add	58.14		
		For 10" WG (Class A), Add	83.58		
		For Work In Restricted Working Space, Add	54.51		
23 31 13 13-1057	LF	46" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	219.79	111.20	
		For 3" WG (Class B), Add	27.80		
		For 4" Or 6" WG (Class A), Add	59.31		
		For 10" WG (Class A), Add	85.25		
		For Work In Restricted Working Space, Add	55.60		
23 31 13 13-1058	LF	46" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	224.11	113.38	
		For 3" WG (Class B), Add	28.34		
		For 4" Or 6" WG (Class A), Add	60.47		
		For 10" WG (Class A), Add	86.92		
		For Work In Restricted Working Space, Add	56.69		
23 31 13 13-1059	LF	48" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	206.87	104.66	
		For 3" WG (Class B), Add	26.16		
		For 4" Or 6" WG (Class A), Add	55.82		
		For 10" WG (Class A), Add	80.24		
		For Work In Restricted Working Space, Add	52.33		
23 31 13 13-1060	LF	48" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	211.17	106.84	
		For 3" WG (Class B), Add	26.71		
		For 4" Or 6" WG (Class A), Add	56.98		
		For 10" WG (Class A), Add	81.91		
		For Work In Restricted Working Space, Add	53.42		
23 31 13 13-1061	LF	48" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.48	109.01	
		For 3" WG (Class B), Add	27.25		
		For 4" Or 6" WG (Class A), Add	58.14		
		For 10" WG (Class A), Add	83.58		
		For Work In Restricted Working Space, Add	54.51		
23 31 13 13-1062	LF	48" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	219.79	111.20	
		For 3" WG (Class B), Add	27.80		
		For 4" Or 6" WG (Class A), Add	59.31		
		For 10" WG (Class A), Add	85.25		
		For Work In Restricted Working Space, Add	55.60		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1063	LF		48" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	224.11	113.38
			For 3" WG (Class B), Add	28.34	
			For 4" Or 6" WG (Class A), Add	60.47	
			For 10" WG (Class A), Add	86.92	
			For Work In Restricted Working Space, Add	56.69	
23 31 13 13-1064	LF		48" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	228.41	115.56
			For 3" WG (Class B), Add	28.89	
			For 4" Or 6" WG (Class A), Add	61.63	
			For 10" WG (Class A), Add	88.59	
			For Work In Restricted Working Space, Add	57.78	
23 31 13 13-1065	LF		48" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	232.72	117.74
			For 3" WG (Class B), Add	29.43	
			For 4" Or 6" WG (Class A), Add	62.79	
			For 10" WG (Class A), Add	90.27	
			For Work In Restricted Working Space, Add	58.87	
23 31 13 13-1066	LF		50" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	215.48	109.01
			For 3" WG (Class B), Add	27.25	
			For 4" Or 6" WG (Class A), Add	58.14	
			For 10" WG (Class A), Add	83.58	
			For Work In Restricted Working Space, Add	54.51	
23 31 13 13-1067	LF		50" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	219.79	111.20
			For 3" WG (Class B), Add	27.80	
			For 4" Or 6" WG (Class A), Add	59.31	
			For 10" WG (Class A), Add	85.25	
			For Work In Restricted Working Space, Add	55.60	
23 31 13 13-1068	LF		50" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	224.11	113.38
			For 3" WG (Class B), Add	28.34	
			For 4" Or 6" WG (Class A), Add	60.47	
			For 10" WG (Class A), Add	86.92	
			For Work In Restricted Working Space, Add	56.69	
23 31 13 13-1069	LF		50" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	228.41	115.56
			For 3" WG (Class B), Add	28.89	
			For 4" Or 6" WG (Class A), Add	61.63	
			For 10" WG (Class A), Add	88.59	
			For Work In Restricted Working Space, Add	57.78	
23 31 13 13-1070	LF		50" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	232.72	117.74
			For 3" WG (Class B), Add	29.43	
			For 4" Or 6" WG (Class A), Add	62.79	
			For 10" WG (Class A), Add	90.27	
			For Work In Restricted Working Space, Add	58.87	
23 31 13 13-1071	LF		50" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	237.03	119.91
			For 3" WG (Class B), Add	29.98	
			For 4" Or 6" WG (Class A), Add	63.96	
			For 10" WG (Class A), Add	91.94	
			For Work In Restricted Working Space, Add	59.96	
23 31 13 13-1072	LF		52" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	224.11	113.38
			For 3" WG (Class B), Add	28.34	
			For 4" Or 6" WG (Class A), Add	60.47	
			For 10" WG (Class A), Add	86.92	
			For Work In Restricted Working Space, Add	56.69	
23 31 13 13-1073	LF		52" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	228.41	115.56
			For 3" WG (Class B), Add	28.89	
			For 4" Or 6" WG (Class A), Add	61.63	
			For 10" WG (Class A), Add	88.59	
			For Work In Restricted Working Space, Add	57.78	
23 31 13 13-1074	LF		52" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	232.72	117.74
			For 3" WG (Class B), Add	29.43	
			For 4" Or 6" WG (Class A), Add	62.79	
			For 10" WG (Class A), Add	90.27	
			For Work In Restricted Working Space, Add	58.87	
23 31 13 13-1075	LF		52" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	237.03	119.91
			For 3" WG (Class B), Add	29.98	
			For 4" Or 6" WG (Class A), Add	63.96	
			For 10" WG (Class A), Add	91.94	
			For Work In Restricted Working Space, Add	59.96	
23 31 13 13-1076	LF		52" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	241.33	122.10
			For 3" WG (Class B), Add	30.52	
			For 4" Or 6" WG (Class A), Add	65.12	
			For 10" WG (Class A), Add	93.61	
			For Work In Restricted Working Space, Add	61.05	
23 31 13 13-1077	LF		54" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	232.72	117.74
			For 3" WG (Class B), Add	29.43	
			For 4" Or 6" WG (Class A), Add	62.79	
			For 10" WG (Class A), Add	90.27	
			For Work In Restricted Working Space, Add	58.87	
23 31 13 13-1078	LF		54" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	237.03	119.91
			For 3" WG (Class B), Add	29.98	
			For 4" Or 6" WG (Class A), Add	63.96	
			For 10" WG (Class A), Add	91.94	
			For Work In Restricted Working Space, Add	59.96	
23 31 13 13-1079	LF		54" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	241.33	122.10
			For 3" WG (Class B), Add	30.52	
			For 4" Or 6" WG (Class A), Add	65.12	
			For 10" WG (Class A), Add	93.61	
			For Work In Restricted Working Space, Add	61.05	
23 31 13 13-1080	LF		54" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	245.66	124.28
			For 3" WG (Class B), Add	31.07	
			For 4" Or 6" WG (Class A), Add	66.28	
			For 10" WG (Class A), Add	95.28	
			For Work In Restricted Working Space, Add	62.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1081	LF	54" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	126.46	
		For 3" WG (Class B), Add	31.62		
		For 4" Or 6" WG (Class A), Add	67.45		
		For 10" WG (Class A), Add	96.95		
		For Work In Restricted Working Space, Add	63.23		
23 31 13 13-1082	LF	54" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.27	128.64	
		For 3" WG (Class B), Add	32.16		
		For 4" Or 6" WG (Class A), Add	68.61		
		For 10" WG (Class A), Add	98.62		
		For Work In Restricted Working Space, Add	64.32		
23 31 13 13-1083	LF	56" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	241.33	122.10	
		For 3" WG (Class B), Add	30.52		
		For 4" Or 6" WG (Class A), Add	65.12		
		For 10" WG (Class A), Add	93.61		
		For Work In Restricted Working Space, Add	61.05		
23 31 13 13-1084	LF	56" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	245.66	124.28	
		For 3" WG (Class B), Add	31.07		
		For 4" Or 6" WG (Class A), Add	66.28		
		For 10" WG (Class A), Add	95.28		
		For Work In Restricted Working Space, Add	62.14		
23 31 13 13-1085	LF	56" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	126.46	
		For 3" WG (Class B), Add	31.62		
		For 4" Or 6" WG (Class A), Add	67.45		
		For 10" WG (Class A), Add	96.95		
		For Work In Restricted Working Space, Add	63.23		
23 31 13 13-1086	LF	56" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.27	128.64	
		For 3" WG (Class B), Add	32.16		
		For 4" Or 6" WG (Class A), Add	68.61		
		For 10" WG (Class A), Add	98.62		
		For Work In Restricted Working Space, Add	64.32		
23 31 13 13-1087	LF	56" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.59	130.82	
		For 3" WG (Class B), Add	32.71		
		For 4" Or 6" WG (Class A), Add	69.77		
		For 10" WG (Class A), Add	100.30		
		For Work In Restricted Working Space, Add	65.41		
23 31 13 13-1088	LF	58" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	126.46	
		For 3" WG (Class B), Add	31.62		
		For 4" Or 6" WG (Class A), Add	67.45		
		For 10" WG (Class A), Add	96.95		
		For Work In Restricted Working Space, Add	63.23		
23 31 13 13-1089	LF	58" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.27	128.64	
		For 3" WG (Class B), Add	32.16		
		For 4" Or 6" WG (Class A), Add	68.61		
		For 10" WG (Class A), Add	98.62		
		For Work In Restricted Working Space, Add	64.32		
23 31 13 13-1090	LF	58" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.59	130.82	
		For 3" WG (Class B), Add	32.71		
		For 4" Or 6" WG (Class A), Add	69.77		
		For 10" WG (Class A), Add	100.30		
		For Work In Restricted Working Space, Add	65.41		
23 31 13 13-1091	LF	58" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	262.89	133.00	
		For 3" WG (Class B), Add	33.25		
		For 4" Or 6" WG (Class A), Add	70.93		
		For 10" WG (Class A), Add	101.97		
		For Work In Restricted Working Space, Add	66.50		
23 31 13 13-1092	LF	58" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.20	135.18	
		For 3" WG (Class B), Add	33.80		
		For 4" Or 6" WG (Class A), Add	72.10		
		For 10" WG (Class A), Add	103.64		
		For Work In Restricted Working Space, Add	67.59		
23 31 13 13-1093	LF	60" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.59	130.82	
		For 3" WG (Class B), Add	32.71		
		For 4" Or 6" WG (Class A), Add	69.77		
		For 10" WG (Class A), Add	100.30		
		For Work In Restricted Working Space, Add	65.41		
23 31 13 13-1094	LF	60" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	262.89	133.00	
		For 3" WG (Class B), Add	33.25		
		For 4" Or 6" WG (Class A), Add	70.93		
		For 10" WG (Class A), Add	101.97		
		For Work In Restricted Working Space, Add	66.50		
23 31 13 13-1095	LF	60" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.20	135.18	
		For 3" WG (Class B), Add	33.80		
		For 4" Or 6" WG (Class A), Add	72.10		
		For 10" WG (Class A), Add	103.64		
		For Work In Restricted Working Space, Add	67.59		
23 31 13 13-1096	LF	60" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	271.52	137.36	
		For 3" WG (Class B), Add	34.34		
		For 4" Or 6" WG (Class A), Add	73.26		
		For 10" WG (Class A), Add	105.31		
		For Work In Restricted Working Space, Add	68.68		
23 31 13 13-1097	LF	60" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	275.82	139.54	
		For 3" WG (Class B), Add	34.89		
		For 4" Or 6" WG (Class A), Add	74.42		
		For 10" WG (Class A), Add	106.98		
		For Work In Restricted Working Space, Add	69.77		
23 31 13 13-1098	LF	62" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.20	135.18	
		For 3" WG (Class B), Add	33.80		
		For 4" Or 6" WG (Class A), Add	72.10		
		For 10" WG (Class A), Add	103.64		
		For Work In Restricted Working Space, Add	67.59		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 13-1099	LF	62" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	271.52		137.36
		For 3" WG (Class B), Add	34.34		
		For 4" Or 6" WG (Class A), Add	73.26		
		For 10" WG (Class A), Add	105.31		
		For Work In Restricted Working Space, Add	68.68		
23 31 13 13-1100	LF	62" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	275.82		139.54
		For 3" WG (Class B), Add	34.89		
		For 4" Or 6" WG (Class A), Add	74.42		
		For 10" WG (Class A), Add	106.98		
		For Work In Restricted Working Space, Add	69.77		
23 31 13 13-1101	LF	62" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	280.12		141.72
		For 3" WG (Class B), Add	35.43		
		For 4" Or 6" WG (Class A), Add	75.58		
		For 10" WG (Class A), Add	108.65		
		For Work In Restricted Working Space, Add	70.86		
23 31 13 13-1102	LF	62" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.44		143.90
		For 3" WG (Class B), Add	35.98		
		For 4" Or 6" WG (Class A), Add	76.75		
		For 10" WG (Class A), Add	110.33		
		For Work In Restricted Working Space, Add	71.95		
23 31 13 13-1103	LF	64" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	275.82		139.54
		For 3" WG (Class B), Add	34.89		
		For 4" Or 6" WG (Class A), Add	74.42		
		For 10" WG (Class A), Add	106.98		
		For Work In Restricted Working Space, Add	69.77		
23 31 13 13-1104	LF	64" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	280.12		141.72
		For 3" WG (Class B), Add	35.43		
		For 4" Or 6" WG (Class A), Add	75.58		
		For 10" WG (Class A), Add	108.65		
		For Work In Restricted Working Space, Add	70.86		
23 31 13 13-1105	LF	64" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.44		143.90
		For 3" WG (Class B), Add	35.98		
		For 4" Or 6" WG (Class A), Add	76.75		
		For 10" WG (Class A), Add	110.33		
		For Work In Restricted Working Space, Add	71.95		
23 31 13 13-1106	LF	64" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	288.75		146.08
		For 3" WG (Class B), Add	36.52		
		For 4" Or 6" WG (Class A), Add	77.91		
		For 10" WG (Class A), Add	112.00		
		For Work In Restricted Working Space, Add	73.04		
23 31 13 13-1107	LF	66" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.44		143.90
		For 3" WG (Class B), Add	35.98		
		For 4" Or 6" WG (Class A), Add	76.75		
		For 10" WG (Class A), Add	110.33		
		For Work In Restricted Working Space, Add	71.95		
23 31 13 13-1108	LF	66" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	288.75		146.08
		For 3" WG (Class B), Add	36.52		
		For 4" Or 6" WG (Class A), Add	77.91		
		For 10" WG (Class A), Add	112.00		
		For Work In Restricted Working Space, Add	73.04		
23 31 13 13-1109	LF	66" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.06		148.27
		For 3" WG (Class B), Add	37.07		
		For 4" Or 6" WG (Class A), Add	79.07		
		For 10" WG (Class A), Add	113.67		
		For Work In Restricted Working Space, Add	74.13		
23 31 13 13-1110	LF	66" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	297.37		150.44
		For 3" WG (Class B), Add	37.61		
		For 4" Or 6" WG (Class A), Add	80.24		
		For 10" WG (Class A), Add	115.34		
		For Work In Restricted Working Space, Add	75.22		
23 31 13 13-1111	LF	68" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.06		148.27
		For 3" WG (Class B), Add	37.07		
		For 4" Or 6" WG (Class A), Add	79.07		
		For 10" WG (Class A), Add	113.67		
		For Work In Restricted Working Space, Add	74.13		
23 31 13 13-1112	LF	68" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	297.37		150.44
		For 3" WG (Class B), Add	37.61		
		For 4" Or 6" WG (Class A), Add	80.24		
		For 10" WG (Class A), Add	115.34		
		For Work In Restricted Working Space, Add	75.22		
23 31 13 13-1113	LF	68" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	301.67		152.63
		For 3" WG (Class B), Add	38.16		
		For 4" Or 6" WG (Class A), Add	81.40		
		For 10" WG (Class A), Add	117.01		
		For Work In Restricted Working Space, Add	76.31		
23 31 13 13-1114	LF	68" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	305.99		154.80
		For 3" WG (Class B), Add	38.70		
		For 4" Or 6" WG (Class A), Add	82.56		
		For 10" WG (Class A), Add	118.68		
		For Work In Restricted Working Space, Add	77.40		
23 31 13 13-1115	LF	70" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	301.67		152.63
		For 3" WG (Class B), Add	38.16		
		For 4" Or 6" WG (Class A), Add	81.40		
		For 10" WG (Class A), Add	117.01		
		For Work In Restricted Working Space, Add	76.31		
23 31 13 13-1116	LF	70" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	305.99		154.80
		For 3" WG (Class B), Add	38.70		
		For 4" Or 6" WG (Class A), Add	82.56		
		For 10" WG (Class A), Add	118.68		
		For Work In Restricted Working Space, Add	77.40		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1117	LF		70" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	310.30	156.98
			For 3" WG (Class B), Add	39.25	
			For 4" Or 6" WG (Class A), Add	83.72	
			For 10" WG (Class A), Add	120.35	
			For Work In Restricted Working Space, Add	78.49	
23 31 13 13-1118	LF		70" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	314.60	159.17
			For 3" WG (Class B), Add	39.79	
			For 4" Or 6" WG (Class A), Add	84.89	
			For 10" WG (Class A), Add	122.02	
			For Work In Restricted Working Space, Add	79.58	
23 31 13 13-1119	LF		70" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	318.92	161.34
			For 3" WG (Class B), Add	40.34	
			For 4" Or 6" WG (Class A), Add	86.05	
			For 10" WG (Class A), Add	123.70	
			For Work In Restricted Working Space, Add	80.67	
23 31 13 13-1120	LF		70" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	323.22	163.53
			For 3" WG (Class B), Add	40.88	
			For 4" Or 6" WG (Class A), Add	87.21	
			For 10" WG (Class A), Add	125.37	
			For Work In Restricted Working Space, Add	81.76	
23 31 13 13-1121	LF		70" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	327.53	165.71
			For 3" WG (Class B), Add	41.43	
			For 4" Or 6" WG (Class A), Add	88.37	
			For 10" WG (Class A), Add	127.04	
			For Work In Restricted Working Space, Add	82.85	
23 31 13 13-1122	LF		70" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	331.85	167.88
			For 3" WG (Class B), Add	41.97	
			For 4" Or 6" WG (Class A), Add	89.54	
			For 10" WG (Class A), Add	128.71	
			For Work In Restricted Working Space, Add	83.94	
23 31 13 13-1123	LF		70" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	336.15	170.07
			For 3" WG (Class B), Add	42.52	
			For 4" Or 6" WG (Class A), Add	90.70	
			For 10" WG (Class A), Add	130.38	
			For Work In Restricted Working Space, Add	85.03	
23 31 13 13-1124	LF		72" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	310.30	156.98
			For 3" WG (Class B), Add	39.25	
			For 4" Or 6" WG (Class A), Add	83.72	
			For 10" WG (Class A), Add	120.35	
			For Work In Restricted Working Space, Add	78.49	
23 31 13 13-1125	LF		72" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	314.60	159.17
			For 3" WG (Class B), Add	39.79	
			For 4" Or 6" WG (Class A), Add	84.89	
			For 10" WG (Class A), Add	122.02	
			For Work In Restricted Working Space, Add	79.58	
23 31 13 13-1126	LF		72" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	318.92	161.34
			For 3" WG (Class B), Add	40.34	
			For 4" Or 6" WG (Class A), Add	86.05	
			For 10" WG (Class A), Add	123.70	
			For Work In Restricted Working Space, Add	80.67	
23 31 13 13-1127	LF		72" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	323.22	163.53
			For 3" WG (Class B), Add	40.88	
			For 4" Or 6" WG (Class A), Add	87.21	
			For 10" WG (Class A), Add	125.37	
			For Work In Restricted Working Space, Add	81.76	
23 31 13 13-1128	LF		72" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	327.53	165.71
			For 3" WG (Class B), Add	41.43	
			For 4" Or 6" WG (Class A), Add	88.37	
			For 10" WG (Class A), Add	127.04	
			For Work In Restricted Working Space, Add	82.85	
23 31 13 13-1129	LF		72" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	331.85	167.88
			For 3" WG (Class B), Add	41.97	
			For 4" Or 6" WG (Class A), Add	89.54	
			For 10" WG (Class A), Add	128.71	
			For Work In Restricted Working Space, Add	83.94	
23 31 13 13-1130	LF		72" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	336.15	170.07
			For 3" WG (Class B), Add	42.52	
			For 4" Or 6" WG (Class A), Add	90.70	
			For 10" WG (Class A), Add	130.38	
			For Work In Restricted Working Space, Add	85.03	
23 31 13 13-1131	LF		72" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	340.46	172.25
			For 3" WG (Class B), Add	43.06	
			For 4" Or 6" WG (Class A), Add	91.86	
			For 10" WG (Class A), Add	132.05	
			For Work In Restricted Working Space, Add	86.12	
23 31 13 13-1132	LF		74" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	318.92	161.34
			For 3" WG (Class B), Add	40.34	
			For 4" Or 6" WG (Class A), Add	86.05	
			For 10" WG (Class A), Add	123.70	
			For Work In Restricted Working Space, Add	80.67	
23 31 13 13-1133	LF		74" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	323.22	163.53
			For 3" WG (Class B), Add	40.88	
			For 4" Or 6" WG (Class A), Add	87.21	
			For 10" WG (Class A), Add	125.37	
			For Work In Restricted Working Space, Add	81.76	
23 31 13 13-1134	LF		74" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	327.53	165.71
			For 3" WG (Class B), Add	41.43	
			For 4" Or 6" WG (Class A), Add	88.37	
			For 10" WG (Class A), Add	127.04	
			For Work In Restricted Working Space, Add	82.85	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-1135	LF	74" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	331.85	167.88
			<i>For 3" WG (Class B), Add</i>	41.97	
			<i>For 4" Or 6" WG (Class A), Add</i>	89.54	
			<i>For 10" WG (Class A), Add</i>	128.71	
			<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31	13 13-1136	LF	74" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	336.15	170.07
			<i>For 3" WG (Class B), Add</i>	42.52	
			<i>For 4" Or 6" WG (Class A), Add</i>	90.70	
			<i>For 10" WG (Class A), Add</i>	130.38	
			<i>For Work In Restricted Working Space, Add</i>	85.03	
23 31	13 13-1137	LF	74" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	340.46	172.25
			<i>For 3" WG (Class B), Add</i>	43.06	
			<i>For 4" Or 6" WG (Class A), Add</i>	91.86	
			<i>For 10" WG (Class A), Add</i>	132.05	
			<i>For Work In Restricted Working Space, Add</i>	86.12	
23 31	13 13-1138	LF	74" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	344.78	174.43
			<i>For 3" WG (Class B), Add</i>	43.61	
			<i>For 4" Or 6" WG (Class A), Add</i>	93.03	
			<i>For 10" WG (Class A), Add</i>	133.73	
			<i>For Work In Restricted Working Space, Add</i>	87.22	
23 31	13 13-1139	LF	76" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	327.53	165.71
			<i>For 3" WG (Class B), Add</i>	41.43	
			<i>For 4" Or 6" WG (Class A), Add</i>	88.37	
			<i>For 10" WG (Class A), Add</i>	127.04	
			<i>For Work In Restricted Working Space, Add</i>	82.85	
23 31	13 13-1140	LF	76" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	331.85	167.88
			<i>For 3" WG (Class B), Add</i>	41.97	
			<i>For 4" Or 6" WG (Class A), Add</i>	89.54	
			<i>For 10" WG (Class A), Add</i>	128.71	
			<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31	13 13-1141	LF	76" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	336.15	170.07
			<i>For 3" WG (Class B), Add</i>	42.52	
			<i>For 4" Or 6" WG (Class A), Add</i>	90.70	
			<i>For 10" WG (Class A), Add</i>	130.38	
			<i>For Work In Restricted Working Space, Add</i>	85.03	
23 31	13 13-1142	LF	76" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	340.46	172.25
			<i>For 3" WG (Class B), Add</i>	43.06	
			<i>For 4" Or 6" WG (Class A), Add</i>	91.86	
			<i>For 10" WG (Class A), Add</i>	132.05	
			<i>For Work In Restricted Working Space, Add</i>	86.12	
23 31	13 13-1143	LF	76" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	344.78	174.43
			<i>For 3" WG (Class B), Add</i>	43.61	
			<i>For 4" Or 6" WG (Class A), Add</i>	93.03	
			<i>For 10" WG (Class A), Add</i>	133.73	
			<i>For Work In Restricted Working Space, Add</i>	87.22	
23 31	13 13-1144	LF	76" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	349.08	176.61
			<i>For 3" WG (Class B), Add</i>	44.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	94.19	
			<i>For 10" WG (Class A), Add</i>	135.40	
			<i>For Work In Restricted Working Space, Add</i>	88.31	
23 31	13 13-1145	LF	78" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	336.15	170.07
			<i>For 3" WG (Class B), Add</i>	42.52	
			<i>For 4" Or 6" WG (Class A), Add</i>	90.70	
			<i>For 10" WG (Class A), Add</i>	130.38	
			<i>For Work In Restricted Working Space, Add</i>	85.03	
23 31	13 13-1146	LF	78" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	340.46	172.25
			<i>For 3" WG (Class B), Add</i>	43.06	
			<i>For 4" Or 6" WG (Class A), Add</i>	91.86	
			<i>For 10" WG (Class A), Add</i>	132.05	
			<i>For Work In Restricted Working Space, Add</i>	86.12	
23 31	13 13-1147	LF	78" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	344.78	174.43
			<i>For 3" WG (Class B), Add</i>	43.61	
			<i>For 4" Or 6" WG (Class A), Add</i>	93.03	
			<i>For 10" WG (Class A), Add</i>	133.73	
			<i>For Work In Restricted Working Space, Add</i>	87.22	
23 31	13 13-1148	LF	78" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	349.08	176.61
			<i>For 3" WG (Class B), Add</i>	44.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	94.19	
			<i>For 10" WG (Class A), Add</i>	135.40	
			<i>For Work In Restricted Working Space, Add</i>	88.31	
23 31	13 13-1149	LF	78" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	353.40	178.78
			<i>For 3" WG (Class B), Add</i>	44.70	
			<i>For 4" Or 6" WG (Class A), Add</i>	95.35	
			<i>For 10" WG (Class A), Add</i>	137.07	
			<i>For Work In Restricted Working Space, Add</i>	89.39	
23 31	13 13-1150	LF	80" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	344.78	174.43
			<i>For 3" WG (Class B), Add</i>	43.61	
			<i>For 4" Or 6" WG (Class A), Add</i>	93.03	
			<i>For 10" WG (Class A), Add</i>	133.73	
			<i>For Work In Restricted Working Space, Add</i>	87.22	
23 31	13 13-1151	LF	80" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	349.08	176.61
			<i>For 3" WG (Class B), Add</i>	44.15	
			<i>For 4" Or 6" WG (Class A), Add</i>	94.19	
			<i>For 10" WG (Class A), Add</i>	135.40	
			<i>For Work In Restricted Working Space, Add</i>	88.31	
23 31	13 13-1152	LF	80" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	353.40	178.78
			<i>For 3" WG (Class B), Add</i>	44.70	
			<i>For 4" Or 6" WG (Class A), Add</i>	95.35	
			<i>For 10" WG (Class A), Add</i>	137.07	
			<i>For Work In Restricted Working Space, Add</i>	89.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1153	LF		80" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	357.71	180.97
			For 3" WG (Class B), Add	45.24	
			For 4" Or 6" WG (Class A), Add	96.52	
			For 10" WG (Class A), Add	138.75	
			For Work In Restricted Working Space, Add	90.49	
23 31 13 13-1154	LF		82" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	353.40	178.78
			For 3" WG (Class B), Add	44.70	
			For 4" Or 6" WG (Class A), Add	95.35	
			For 10" WG (Class A), Add	137.07	
			For Work In Restricted Working Space, Add	89.39	
23 31 13 13-1155	LF		82" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	357.71	180.97
			For 3" WG (Class B), Add	45.24	
			For 4" Or 6" WG (Class A), Add	96.52	
			For 10" WG (Class A), Add	138.75	
			For Work In Restricted Working Space, Add	90.49	
23 31 13 13-1156	LF		82" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	362.02	183.15
			For 3" WG (Class B), Add	45.79	
			For 4" Or 6" WG (Class A), Add	97.68	
			For 10" WG (Class A), Add	140.42	
			For Work In Restricted Working Space, Add	91.58	
23 31 13 13-1157	LF		84" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	362.02	183.15
			For 3" WG (Class B), Add	45.79	
			For 4" Or 6" WG (Class A), Add	97.68	
			For 10" WG (Class A), Add	140.42	
			For Work In Restricted Working Space, Add	91.58	
23 31 13 13-1158	LF		84" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	366.32	185.33
			For 3" WG (Class B), Add	46.33	
			For 4" Or 6" WG (Class A), Add	98.84	
			For 10" WG (Class A), Add	142.08	
			For Work In Restricted Working Space, Add	92.66	
23 31 13 13-1159	LF		86" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork.....	370.63	187.51
			For 3" WG (Class B), Add	46.88	
			For 4" Or 6" WG (Class A), Add	100.01	
			For 10" WG (Class A), Add	143.76	
			For Work In Restricted Working Space, Add	93.76	

23 31 13 13-1160 Rework Sheet Metal Ductwork (23 31 13 13)

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 31 13 13-1161	LF		Up To 1 SF Cross Section, Rework Existing Ductwork.....	27.58	
23 31 13 13-1162	LF		>1 To 2 SF Cross Section, Rework Existing Ductwork.....	53.79	
23 31 13 13-1163	LF		>2 To 4 SF Cross Section, Rework Existing Ductwork.....	71.07	
23 31 13 13-1164	LF		>4 To 6 SF Cross Section, Rework Existing Ductwork.....	88.99	
23 31 13 13-1165	LF		>6 To 8 SF Cross Section, Rework Existing Ductwork.....	124.11	
23 31 13 13-1166	LF		>8 To 10 SF Cross Section, Rework Existing Ductwork.....	144.79	
23 31 13 13-1167	LF		>10 To 12 SF Cross Section, Rework Existing Ductwork.....	165.49	
23 31 13 13-1168	LF		>12 To 14 SF Cross Section, Rework Existing Ductwork.....	186.17	

23 31 13 16 Round And Flat-Oval Spiral Ducts (23 31 13 16)
23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct (23 31 13 16)

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85" or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Ducts (23 31 13 16-0001)

Note: Includes straps and supports.

23 31 13 16-0003	LF		4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	5.57	2.36
			For 3" WG (Class B), Add	0.73	
			For 4" Or 6" WG (Class A), Add	1.94	
			For 28 Gauge, Deduct	-0.10	
			For 24 Gauge, Add	0.10	
			For 22 Gauge, Add	0.20	
			For 20 Gauge, Add	0.30	
			For 18 Gauge, Add	0.40	
			For 16 Gauge, Add	0.49	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	0.53	
			For Work In Restricted Working Space, Add	1.46	
			For Elevated Installation >10' To 15', Add	0.49	
			For Elevated Installation >15' To 20', Add	0.97	
			For Elevated Installation >20' To 25', Add	1.21	
			For Elevated Installation >25' To 30', Add	1.70	
			For Elevated Installation >30' To 35', Add	1.94	
			For Elevated Installation >35' To 40', Add	2.43	
			For Elevated Installation >40', Add	2.67	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	6.31	2.69
		For 3" WG (Class B), Add	0.81	
		For 4" Or 6" WG (Class A), Add	2.15	
		For 28 Gauge, Deduct	-0.13	
		For 24 Gauge, Add	0.13	
		For 22 Gauge, Add	0.26	
		For 20 Gauge, Add	0.39	
		For 18 Gauge, Add	0.51	
		For 16 Gauge, Add	0.63	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	0.69	
		For Work In Restricted Working Space, Add	1.61	
		For Elevated Installation >10' To 15', Add	0.54	
		For Elevated Installation >15' To 20', Add	1.08	
		For Elevated Installation >20' To 25', Add	1.35	
		For Elevated Installation >25' To 30', Add	1.88	
		For Elevated Installation >30' To 35', Add	2.15	
		For Elevated Installation >35' To 40', Add	2.69	
		For Elevated Installation >40', Add	2.96	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	7.11	3.23
		For 3" WG (Class B), Add	0.91	
		For 4" Or 6" WG (Class A), Add	2.42	
		For 28 Gauge, Deduct	-0.15	
		For 24 Gauge, Add	0.15	
		For 22 Gauge, Add	0.29	
		For 20 Gauge, Add	0.44	
		For 18 Gauge, Add	0.58	
		For 16 Gauge, Add	0.72	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	0.78	
		For Work In Restricted Working Space, Add	1.82	
		For Elevated Installation >10' To 15', Add	0.61	
		For Elevated Installation >15' To 20', Add	1.21	
		For Elevated Installation >20' To 25', Add	1.51	
		For Elevated Installation >25' To 30', Add	2.12	
		For Elevated Installation >30' To 35', Add	2.42	
		For Elevated Installation >35' To 40', Add	3.03	
		For Elevated Installation >40', Add	3.33	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	8.17	3.77
		For 3" WG (Class B), Add	1.04	
		For 4" Or 6" WG (Class A), Add	2.77	
		For 28 Gauge, Deduct	-0.17	
		For 24 Gauge, Add	0.17	
		For 22 Gauge, Add	0.34	
		For 20 Gauge, Add	0.52	
		For 18 Gauge, Add	0.69	
		For 16 Gauge, Add	0.84	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	0.93	
		For Work In Restricted Working Space, Add	2.08	
		For Elevated Installation >10' To 15', Add	0.69	
		For Elevated Installation >15' To 20', Add	1.38	
		For Elevated Installation >20' To 25', Add	1.73	
		For Elevated Installation >25' To 30', Add	2.42	
		For Elevated Installation >30' To 35', Add	2.77	
		For Elevated Installation >35' To 40', Add	3.46	
		For Elevated Installation >40', Add	3.81	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	9.46	4.30
		For 3" WG (Class B), Add	1.21	
		For 4" Or 6" WG (Class A), Add	3.23	
		For 28 Gauge, Deduct	-0.19	
		For 24 Gauge, Add	0.19	
		For 22 Gauge, Add	0.38	
		For 20 Gauge, Add	0.58	
		For 18 Gauge, Add	0.76	
		For 16 Gauge, Add	0.94	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.03	
		For Work In Restricted Working Space, Add	2.42	
		For Elevated Installation >10' To 15', Add	0.81	
		For Elevated Installation >15' To 20', Add	1.61	
		For Elevated Installation >20' To 25', Add	2.02	
		For Elevated Installation >25' To 30', Add	2.82	
		For Elevated Installation >30' To 35', Add	3.23	
		For Elevated Installation >35' To 40', Add	4.04	
		For Elevated Installation >40', Add	4.44	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct.....	11.39	5.38
		For 3" WG (Class B), Add	1.45	
		For 4" Or 6" WG (Class A), Add	3.87	
		For 28 Gauge, Deduct	-0.24	
		For 24 Gauge, Add	0.24	
		For 22 Gauge, Add	0.47	
		For 20 Gauge, Add	0.71	
		For 18 Gauge, Add	0.94	
		For 16 Gauge, Add	1.15	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.27	
		For Work In Restricted Working Space, Add	2.90	
		For Elevated Installation >10' To 15', Add	0.97	
		For Elevated Installation >15' To 20', Add	1.94	
		For Elevated Installation >20' To 25', Add	2.42	
		For Elevated Installation >25' To 30', Add	3.39	
		For Elevated Installation >30' To 35', Add	3.87	
		For Elevated Installation >35' To 40', Add	4.84	
		For Elevated Installation >40', Add	5.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0009	LF		12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	14.20	7.21
			For 3" WG (Class B), Add	1.82	
			For 4" Or 6" WG (Class A), Add	4.84	
			For 28 Gauge, Deduct	-0.29	
			For 24 Gauge, Add	0.29	
			For 22 Gauge, Add	0.58	
			For 20 Gauge, Add	0.87	
			For 18 Gauge, Add	1.16	
			For 16 Gauge, Add	1.42	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.55	
			For Work In Restricted Working Space, Add	3.63	
			For Elevated Installation >10' To 15', Add	1.21	
			For Elevated Installation >15' To 20', Add	2.42	
			For Elevated Installation >20' To 25', Add	3.03	
			For Elevated Installation >25' To 30', Add	4.24	
			For Elevated Installation >30' To 35', Add	4.84	
			For Elevated Installation >35' To 40', Add	6.05	
			For Elevated Installation >40', Add	6.66	
23 31 13 16-0010	LF		14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	17.57	10.76
			For 3" WG (Class B), Add	2.27	
			For 4" Or 6" WG (Class A), Add	6.05	
			For 28 Gauge, Deduct	-0.34	
			For 24 Gauge, Add	0.34	
			For 22 Gauge, Add	0.67	
			For 20 Gauge, Add	1.01	
			For 18 Gauge, Add	1.34	
			For 16 Gauge, Add	1.65	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.81	
			For Work In Restricted Working Space, Add	4.54	
			For Elevated Installation >10' To 15', Add	1.51	
			For Elevated Installation >15' To 20', Add	3.03	
			For Elevated Installation >20' To 25', Add	3.78	
			For Elevated Installation >25' To 30', Add	5.30	
			For Elevated Installation >30' To 35', Add	6.05	
			For Elevated Installation >35' To 40', Add	7.57	
			For Elevated Installation >40', Add	8.32	
23 31 13 16-0011	LF		16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	23.79	14.42
			For 3" WG (Class B), Add	3.03	
			For 4" Or 6" WG (Class A), Add	8.07	
			For 28 Gauge, Deduct	-0.50	
			For 24 Gauge, Add	0.50	
			For 22 Gauge, Add	1.00	
			For 20 Gauge, Add	1.50	
			For 18 Gauge, Add	1.99	
			For 16 Gauge, Add	2.44	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.68	
			For Work In Restricted Working Space, Add	6.05	
			For Elevated Installation >10' To 15', Add	2.02	
			For Elevated Installation >15' To 20', Add	4.03	
			For Elevated Installation >20' To 25', Add	5.04	
			For Elevated Installation >25' To 30', Add	7.06	
			For Elevated Installation >30' To 35', Add	8.07	
			For Elevated Installation >35' To 40', Add	10.09	
			For Elevated Installation >40', Add	11.09	
23 31 13 16-0012	LF		18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	28.23	17.32
			For 28 Gauge, Deduct	-0.56	
			For 24 Gauge, Add	0.55	
			For 22 Gauge, Add	1.11	
			For 20 Gauge, Add	1.66	
			For 18 Gauge, Add	2.21	
			For 16 Gauge, Add	2.71	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.97	
			For Work In Restricted Working Space, Add	7.26	
			For Elevated Installation >10' To 15', Add	2.42	
			For Elevated Installation >15' To 20', Add	4.84	
			For Elevated Installation >20' To 25', Add	6.05	
			For Elevated Installation >25' To 30', Add	8.47	
			For Elevated Installation >30' To 35', Add	9.68	
			For Elevated Installation >35' To 40', Add	12.11	
			For Elevated Installation >40', Add	13.32	
23 31 13 16-0013	LF		20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	32.45	20.01
			For 28 Gauge, Deduct	-0.62	
			For 24 Gauge, Add	0.62	
			For 22 Gauge, Add	1.23	
			For 20 Gauge, Add	1.85	
			For 18 Gauge, Add	2.46	
			For 16 Gauge, Add	3.02	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.32	
			For Work In Restricted Working Space, Add	8.39	
			For Elevated Installation >10' To 15', Add	2.80	
			For Elevated Installation >15' To 20', Add	5.59	
			For Elevated Installation >20' To 25', Add	6.99	
			For Elevated Installation >25' To 30', Add	9.79	
			For Elevated Installation >30' To 35', Add	11.19	
			For Elevated Installation >35' To 40', Add	13.99	
			For Elevated Installation >40', Add	15.38	
23 31 13 16-0014			2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows <small>(23 31 13 16-0001)</small>		
			Note: Up to 90 degree.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0015	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	32.13	14.37
			For 3" WG (Class B), Add	4.31	
			For 4" Or 6" WG (Class A), Add	11.49	
			For 28 Gauge, Deduct	-0.47	
			For 24 Gauge, Add	0.47	
			For 22 Gauge, Add	0.94	
			For 20 Gauge, Add	1.41	
			For 18 Gauge, Add	1.88	
			For 16 Gauge, Add	2.30	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.52	
			For Work In Restricted Working Space, Add	8.62	
			For Elevated Installation >10' To 15', Add	2.87	
			For Elevated Installation >15' To 20', Add	5.74	
			For Elevated Installation >20' To 25', Add	7.18	
			For Elevated Installation >25' To 30', Add	10.05	
			For Elevated Installation >30' To 35', Add	11.49	
			For Elevated Installation >35' To 40', Add	14.36	
			For Elevated Installation >40', Add	15.80	
23 31	13 16-0016	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	36.85	16.57
			For 3" WG (Class B), Add	4.97	
			For 4" Or 6" WG (Class A), Add	13.26	
			For 28 Gauge, Deduct	-0.51	
			For 24 Gauge, Add	0.51	
			For 22 Gauge, Add	1.02	
			For 20 Gauge, Add	1.54	
			For 18 Gauge, Add	2.04	
			For 16 Gauge, Add	2.50	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.75	
			For Work In Restricted Working Space, Add	9.94	
			For Elevated Installation >10' To 15', Add	3.31	
			For Elevated Installation >15' To 20', Add	6.63	
			For Elevated Installation >20' To 25', Add	8.29	
			For Elevated Installation >25' To 30', Add	11.60	
			For Elevated Installation >30' To 35', Add	13.26	
			For Elevated Installation >35' To 40', Add	16.57	
			For Elevated Installation >40', Add	18.23	
23 31	13 16-0017	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	43.33	19.58
			For 3" WG (Class B), Add	5.87	
			For 4" Or 6" WG (Class A), Add	15.66	
			For 28 Gauge, Deduct	-0.58	
			For 24 Gauge, Add	0.58	
			For 22 Gauge, Add	1.15	
			For 20 Gauge, Add	1.73	
			For 18 Gauge, Add	2.29	
			For 16 Gauge, Add	2.81	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.09	
			For Work In Restricted Working Space, Add	11.75	
			For Elevated Installation >10' To 15', Add	3.92	
			For Elevated Installation >15' To 20', Add	7.83	
			For Elevated Installation >20' To 25', Add	9.79	
			For Elevated Installation >25' To 30', Add	13.71	
			For Elevated Installation >30' To 35', Add	15.66	
			For Elevated Installation >35' To 40', Add	19.58	
			For Elevated Installation >40', Add	21.54	
23 31	13 16-0018	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	55.48	25.17
			For 3" WG (Class B), Add	7.55	
			For 4" Or 6" WG (Class A), Add	20.14	
			For 28 Gauge, Deduct	-0.71	
			For 24 Gauge, Add	0.71	
			For 22 Gauge, Add	1.41	
			For 20 Gauge, Add	2.12	
			For 18 Gauge, Add	2.82	
			For 16 Gauge, Add	3.46	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.80	
			For Work In Restricted Working Space, Add	15.11	
			For Elevated Installation >10' To 15', Add	5.04	
			For Elevated Installation >15' To 20', Add	10.07	
			For Elevated Installation >20' To 25', Add	12.59	
			For Elevated Installation >25' To 30', Add	17.62	
			For Elevated Installation >30' To 35', Add	20.14	
			For Elevated Installation >35' To 40', Add	25.18	
			For Elevated Installation >40', Add	27.69	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....		66.86	30.66
		For 3" WG (Class B), Add		9.20	
		For 4" Or 6" WG (Class A), Add		24.53	
		For 28 Gauge, Deduct		-0.77	
		For 24 Gauge, Add		0.76	
		For 22 Gauge, Add		1.53	
		For 20 Gauge, Add		2.29	
		For 18 Gauge, Add		3.05	
		For 16 Gauge, Add		3.74	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		4.10	
		For Work In Restricted Working Space, Add		18.40	
		For Elevated Installation >10' To 15', Add		6.13	
		For Elevated Installation >15' To 20', Add		12.26	
		For Elevated Installation >20' To 25', Add		15.33	
		For Elevated Installation >25' To 30', Add		21.46	
		For Elevated Installation >30' To 35', Add		24.53	
		For Elevated Installation >35' To 40', Add		30.66	
		For Elevated Installation >40', Add		33.73	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....		103.06	47.88
		For 3" WG (Class B), Add		14.36	
		For 4" Or 6" WG (Class A), Add		38.30	
		For 28 Gauge, Deduct		-1.01	
		For 24 Gauge, Add		1.01	
		For 22 Gauge, Add		2.01	
		For 20 Gauge, Add		3.03	
		For 18 Gauge, Add		4.02	
		For 16 Gauge, Add		4.93	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		5.41	
		For Work In Restricted Working Space, Add		28.73	
		For Elevated Installation >10' To 15', Add		9.58	
		For Elevated Installation >15' To 20', Add		19.15	
		For Elevated Installation >20' To 25', Add		23.94	
		For Elevated Installation >25' To 30', Add		33.51	
		For Elevated Installation >30' To 35', Add		38.30	
		For Elevated Installation >35' To 40', Add		47.88	
		For Elevated Installation >40', Add		52.66	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....		142.24	66.16
		For 3" WG (Class B), Add		19.85	
		For 4" Or 6" WG (Class A), Add		52.93	
		For 28 Gauge, Deduct		-1.37	
		For 24 Gauge, Add		1.37	
		For 22 Gauge, Add		2.73	
		For 20 Gauge, Add		4.10	
		For 18 Gauge, Add		5.45	
		For 16 Gauge, Add		6.69	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		7.33	
		For Work In Restricted Working Space, Add		39.70	
		For Elevated Installation >10' To 15', Add		13.23	
		For Elevated Installation >15' To 20', Add		26.47	
		For Elevated Installation >20' To 25', Add		33.08	
		For Elevated Installation >25' To 30', Add		46.32	
		For Elevated Installation >30' To 35', Add		52.93	
		For Elevated Installation >35' To 40', Add		66.17	
		For Elevated Installation >40', Add		72.78	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....		171.71	78.27
		For 3" WG (Class B), Add		23.48	
		For 4" Or 6" WG (Class A), Add		62.61	
		For 28 Gauge, Deduct		-2.10	
		For 24 Gauge, Add		2.09	
		For 22 Gauge, Add		4.18	
		For 20 Gauge, Add		6.28	
		For 18 Gauge, Add		8.35	
		For 16 Gauge, Add		10.25	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		11.23	
		For Work In Restricted Working Space, Add		46.96	
		For Elevated Installation >10' To 15', Add		15.65	
		For Elevated Installation >15' To 20', Add		31.31	
		For Elevated Installation >20' To 25', Add		39.13	
		For Elevated Installation >25' To 30', Add		54.79	
		For Elevated Installation >30' To 35', Add		62.61	
		For Elevated Installation >35' To 40', Add		78.27	
		For Elevated Installation >40', Add		86.09	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 16-0023	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	193.89	86.07
		For 3" WG (Class B), Add	25.82	
		For 4" Or 6" WG (Class A), Add	68.85	
		For 28 Gauge, Deduct	-3.01	
		For 24 Gauge, Add	3.00	
		For 22 Gauge, Add	5.99	
		For 20 Gauge, Add	9.01	
		For 18 Gauge, Add	11.97	
		For 16 Gauge, Add	14.69	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.10	
		For Work In Restricted Working Space, Add	51.64	
		For Elevated Installation >10' To 15', Add	17.21	
		For Elevated Installation >15' To 20', Add	34.43	
		For Elevated Installation >20' To 25', Add	43.03	
		For Elevated Installation >25' To 30', Add	60.25	
		For Elevated Installation >30' To 35', Add	68.85	
		For Elevated Installation >35' To 40', Add	86.07	
		For Elevated Installation >40', Add	94.67	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	211.70	89.56
		For 3" WG (Class B), Add	26.87	
		For 4" Or 6" WG (Class A), Add	71.65	
		For 28 Gauge, Deduct	-4.51	
		For 24 Gauge, Add	4.50	
		For 22 Gauge, Add	8.98	
		For 20 Gauge, Add	13.49	
		For 18 Gauge, Add	17.92	
		For 16 Gauge, Add	21.99	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.11	
		For Work In Restricted Working Space, Add	53.74	
		For Elevated Installation >10' To 15', Add	17.91	
		For Elevated Installation >15' To 20', Add	35.82	
		For Elevated Installation >20' To 25', Add	44.78	
		For Elevated Installation >25' To 30', Add	62.69	
		For Elevated Installation >30' To 35', Add	71.65	
		For Elevated Installation >35' To 40', Add	89.56	
		For Elevated Installation >40', Add	98.52	
		For 10" WG (Class A), Add	82.40	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	228.48	92.52
		For 3" WG (Class B), Add	27.76	
		For 4" Or 6" WG (Class A), Add	74.02	
		For 28 Gauge, Deduct	-6.02	
		For 24 Gauge, Add	5.99	
		For 22 Gauge, Add	11.97	
		For 20 Gauge, Add	17.98	
		For 18 Gauge, Add	23.89	
		For 16 Gauge, Add	29.32	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	32.15	
		For Work In Restricted Working Space, Add	55.51	
		For Elevated Installation >10' To 15', Add	18.50	
		For Elevated Installation >15' To 20', Add	37.01	
		For Elevated Installation >20' To 25', Add	46.26	
		For Elevated Installation >25' To 30', Add	64.76	
		For Elevated Installation >30' To 35', Add	74.02	
		For Elevated Installation >35' To 40', Add	92.52	
		For Elevated Installation >40', Add	101.77	
		For 10" WG (Class A), Add	85.12	
23 31 13 16-0026		2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows <small>(23 31 13 16-0001)</small>		
23 31 13 16-0027	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	27.08	9.68
		For 3" WG (Class B), Add	3.63	
		For 4" Or 6" WG (Class A), Add	9.68	
		For 28 Gauge, Deduct	-0.40	
		For 24 Gauge, Add	0.40	
		For 22 Gauge, Add	0.79	
		For 20 Gauge, Add	1.19	
		For 18 Gauge, Add	1.58	
		For 16 Gauge, Add	1.94	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.12	
		For Work In Restricted Working Space, Add	7.26	
		For Elevated Installation >10' To 15', Add	2.42	
		For Elevated Installation >15' To 20', Add	4.84	
		For Elevated Installation >20' To 25', Add	6.05	
		For Elevated Installation >25' To 30', Add	8.47	
		For Elevated Installation >30' To 35', Add	9.68	
		For Elevated Installation >35' To 40', Add	12.11	
		For Elevated Installation >40', Add	13.32	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....		30.94	11.08
		For 3" WG (Class B), Add		4.15	
		For 4" Or 6" WG (Class A), Add		11.07	
		For 28 Gauge, Deduct		-0.45	
		For 24 Gauge, Add		0.45	
		For 22 Gauge, Add		0.90	
		For 20 Gauge, Add		1.35	
		For 18 Gauge, Add		1.80	
		For 16 Gauge, Add		2.21	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		2.42	
		For Work In Restricted Working Space, Add		8.30	
		For Elevated Installation >10' To 15', Add		2.77	
		For Elevated Installation >15' To 20', Add		5.53	
		For Elevated Installation >20' To 25', Add		6.92	
		For Elevated Installation >25' To 30', Add		9.68	
		For Elevated Installation >30' To 35', Add		11.07	
		For Elevated Installation >35' To 40', Add		13.84	
		For Elevated Installation >40', Add		15.22	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....		35.99	12.91
		For 3" WG (Class B), Add		4.84	
		For 4" Or 6" WG (Class A), Add		12.91	
		For 28 Gauge, Deduct		-0.52	
		For 24 Gauge, Add		0.51	
		For 22 Gauge, Add		1.02	
		For 20 Gauge, Add		1.54	
		For 18 Gauge, Add		2.05	
		For 16 Gauge, Add		2.51	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		2.75	
		For Work In Restricted Working Space, Add		9.68	
		For Elevated Installation >10' To 15', Add		3.23	
		For Elevated Installation >15' To 20', Add		6.45	
		For Elevated Installation >20' To 25', Add		8.07	
		For Elevated Installation >25' To 30', Add		11.29	
		For Elevated Installation >30' To 35', Add		12.91	
		For Elevated Installation >35' To 40', Add		16.14	
		For Elevated Installation >40', Add		17.75	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....		42.67	15.49
		For 3" WG (Class B), Add		5.81	
		For 4" Or 6" WG (Class A), Add		15.49	
		For 28 Gauge, Deduct		-0.55	
		For 24 Gauge, Add		0.54	
		For 22 Gauge, Add		1.09	
		For 20 Gauge, Add		1.63	
		For 18 Gauge, Add		2.17	
		For 16 Gauge, Add		2.66	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		2.92	
		For Work In Restricted Working Space, Add		11.62	
		For Elevated Installation >10' To 15', Add		3.87	
		For Elevated Installation >15' To 20', Add		7.75	
		For Elevated Installation >20' To 25', Add		9.68	
		For Elevated Installation >25' To 30', Add		13.56	
		For Elevated Installation >30' To 35', Add		15.49	
		For Elevated Installation >35' To 40', Add		19.37	
		For Elevated Installation >40', Add		21.30	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....		52.99	19.36
		For 3" WG (Class B), Add		7.26	
		For 4" Or 6" WG (Class A), Add		19.36	
		For 28 Gauge, Deduct		-0.63	
		For 24 Gauge, Add		0.63	
		For 22 Gauge, Add		1.26	
		For 20 Gauge, Add		1.90	
		For 18 Gauge, Add		2.52	
		For 16 Gauge, Add		3.09	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add		3.39	
		For Work In Restricted Working Space, Add		14.52	
		For Elevated Installation >10' To 15', Add		4.84	
		For Elevated Installation >15' To 20', Add		9.68	
		For Elevated Installation >20' To 25', Add		12.10	
		For Elevated Installation >25' To 30', Add		16.94	
		For Elevated Installation >30' To 35', Add		19.36	
		For Elevated Installation >35' To 40', Add		24.21	
		For Elevated Installation >40', Add		26.63	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0032	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	71.09	25.82
			For 3" WG (Class B), Add	9.68	
			For 4" Or 6" WG (Class A), Add	25.82	
			For 28 Gauge, Deduct	-0.91	
			For 24 Gauge, Add	0.90	
			For 22 Gauge, Add	1.80	
			For 20 Gauge, Add	2.71	
			For 18 Gauge, Add	3.60	
			For 16 Gauge, Add	4.41	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.84	
			For Work In Restricted Working Space, Add	19.37	
			For Elevated Installation >10' To 15', Add	6.46	
			For Elevated Installation >15' To 20', Add	12.91	
			For Elevated Installation >20' To 25', Add	16.14	
			For Elevated Installation >25' To 30', Add	22.59	
			For Elevated Installation >30' To 35', Add	25.82	
			For Elevated Installation >35' To 40', Add	32.28	
			For Elevated Installation >40', Add	35.50	
23 31	13 16-0033	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	105.48	38.73
			For 3" WG (Class B), Add	14.52	
			For 4" Or 6" WG (Class A), Add	38.73	
			For 28 Gauge, Deduct	-1.20	
			For 24 Gauge, Add	1.19	
			For 22 Gauge, Add	2.38	
			For 20 Gauge, Add	3.58	
			For 18 Gauge, Add	4.76	
			For 16 Gauge, Add	5.84	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.40	
			For Work In Restricted Working Space, Add	29.05	
			For Elevated Installation >10' To 15', Add	9.68	
			For Elevated Installation >15' To 20', Add	19.37	
			For Elevated Installation >20' To 25', Add	24.21	
			For Elevated Installation >25' To 30', Add	33.89	
			For Elevated Installation >30' To 35', Add	38.73	
			For Elevated Installation >35' To 40', Add	48.42	
			For Elevated Installation >40', Add	53.26	
23 31	13 16-0034	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	139.91	49.48
			For 3" WG (Class B), Add	18.56	
			For 4" Or 6" WG (Class A), Add	49.49	
			For 28 Gauge, Deduct	-2.24	
			For 24 Gauge, Add	2.23	
			For 22 Gauge, Add	4.46	
			For 20 Gauge, Add	6.70	
			For 18 Gauge, Add	8.90	
			For 16 Gauge, Add	10.93	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.98	
			For Work In Restricted Working Space, Add	37.12	
			For Elevated Installation >10' To 15', Add	12.37	
			For Elevated Installation >15' To 20', Add	24.74	
			For Elevated Installation >20' To 25', Add	30.93	
			For Elevated Installation >25' To 30', Add	43.30	
			For Elevated Installation >30' To 35', Add	49.49	
			For Elevated Installation >35' To 40', Add	61.86	
			For Elevated Installation >40', Add	68.05	
23 31	13 16-0035	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	175.80	62.39
			For 3" WG (Class B), Add	23.40	
			For 4" Or 6" WG (Class A), Add	62.40	
			For 28 Gauge, Deduct	-2.74	
			For 24 Gauge, Add	2.73	
			For 22 Gauge, Add	5.46	
			For 20 Gauge, Add	8.20	
			For 18 Gauge, Add	10.90	
			For 16 Gauge, Add	13.37	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.66	
			For Work In Restricted Working Space, Add	46.80	
			For Elevated Installation >10' To 15', Add	15.60	
			For Elevated Installation >15' To 20', Add	31.20	
			For Elevated Installation >20' To 25', Add	39.00	
			For Elevated Installation >25' To 30', Add	54.60	
			For Elevated Installation >30' To 35', Add	62.40	
			For Elevated Installation >35' To 40', Add	78.00	
			For Elevated Installation >40', Add	85.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0036	EA		18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	193.22	65.09
			For 3" WG (Class B), Add	24.37	
			For 4" Or 6" WG (Class A), Add	64.98	
			For 28 Gauge, Deduct	-4.26	
			For 24 Gauge, Add	4.25	
			For 22 Gauge, Add	8.48	
			For 20 Gauge, Add	12.74	
			For 18 Gauge, Add	16.92	
			For 16 Gauge, Add	20.77	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.77	
			For Work In Restricted Working Space, Add	48.74	
			For Elevated Installation >15' To 15', Add	16.25	
			For Elevated Installation >15' To 20', Add	32.49	
			For Elevated Installation >20' To 25', Add	40.61	
			For Elevated Installation >25' To 30', Add	56.86	
			For Elevated Installation >30' To 35', Add	64.98	
			For Elevated Installation >35' To 40', Add	81.23	
			For Elevated Installation >40', Add	89.35	
			For 10" WG (Class A), Add	74.73	
23 31 13 16-0037	EA		20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.....	207.78	66.71
			For 3" WG (Class B), Add	25.01	
			For 4" Or 6" WG (Class A), Add	66.70	
			For 28 Gauge, Deduct	-5.68	
			For 24 Gauge, Add	5.66	
			For 22 Gauge, Add	11.30	
			For 20 Gauge, Add	16.99	
			For 18 Gauge, Add	22.57	
			For 16 Gauge, Add	27.70	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.36	
			For Work In Restricted Working Space, Add	50.03	
			For Elevated Installation >10' To 15', Add	16.68	
			For Elevated Installation >15' To 20', Add	33.35	
			For Elevated Installation >20' To 25', Add	41.69	
			For Elevated Installation >25' To 30', Add	58.36	
			For Elevated Installation >30' To 35', Add	66.70	
			For Elevated Installation >35' To 40', Add	83.38	
			For Elevated Installation >40', Add	91.71	
			For 10" WG (Class A), Add	76.71	

23 31 13 16-0038 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows (23 31 13 16-0001)

23 31 13 16-0039	EA		4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	26.01	9.68
			For 3" WG (Class B), Add	3.63	
			For 4" Or 6" WG (Class A), Add	9.68	
			For 28 Gauge, Deduct	-0.25	
			For 24 Gauge, Add	0.25	
			For 22 Gauge, Add	0.50	
			For 20 Gauge, Add	0.75	
			For 18 Gauge, Add	0.99	
			For 16 Gauge, Add	1.22	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.33	
			For Work In Restricted Working Space, Add	7.26	
			For Elevated Installation >10' To 15', Add	2.42	
			For Elevated Installation >15' To 20', Add	4.84	
			For Elevated Installation >20' To 25', Add	6.05	
			For Elevated Installation >25' To 30', Add	8.47	
			For Elevated Installation >30' To 35', Add	9.68	
			For Elevated Installation >35' To 40', Add	12.11	
			For Elevated Installation >40', Add	13.32	
23 31 13 16-0040	EA		5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	29.98	11.08
			For 3" WG (Class B), Add	4.15	
			For 4" Or 6" WG (Class A), Add	11.07	
			For 28 Gauge, Deduct	-0.32	
			For 24 Gauge, Add	0.32	
			For 22 Gauge, Add	0.64	
			For 20 Gauge, Add	0.96	
			For 18 Gauge, Add	1.27	
			For 16 Gauge, Add	1.56	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.71	
			For Work In Restricted Working Space, Add	8.30	
			For Elevated Installation >10' To 15', Add	2.77	
			For Elevated Installation >15' To 20', Add	5.53	
			For Elevated Installation >20' To 25', Add	6.92	
			For Elevated Installation >25' To 30', Add	9.68	
			For Elevated Installation >30' To 35', Add	11.07	
			For Elevated Installation >35' To 40', Add	13.84	
			For Elevated Installation >40', Add	15.22	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0041	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	34.79	12.91
			For 3" WG (Class B), Add	4.84	
			For 4" Or 6" WG (Class A), Add	12.91	
			For 28 Gauge, Deduct	-0.35	
			For 24 Gauge, Add	0.35	
			For 22 Gauge, Add	0.69	
			For 20 Gauge, Add	1.04	
			For 18 Gauge, Add	1.39	
			For 16 Gauge, Add	1.70	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.86	
			For Work In Restricted Working Space, Add	9.68	
			For Elevated Installation >10' To 15', Add	3.23	
			For Elevated Installation >15' To 20', Add	6.45	
			For Elevated Installation >20' To 25', Add	8.07	
			For Elevated Installation >25' To 30', Add	11.29	
			For Elevated Installation >30' To 35', Add	12.91	
			For Elevated Installation >35' To 40', Add	16.14	
			For Elevated Installation >40', Add	17.75	
23 31	13 16-0042	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	41.66	15.49
			For 3" WG (Class B), Add	5.81	
			For 4" Or 6" WG (Class A), Add	15.49	
			For 28 Gauge, Deduct	-0.41	
			For 24 Gauge, Add	0.40	
			For 22 Gauge, Add	0.81	
			For 20 Gauge, Add	1.21	
			For 18 Gauge, Add	1.61	
			For 16 Gauge, Add	1.98	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.17	
			For Work In Restricted Working Space, Add	11.62	
			For Elevated Installation >10' To 15', Add	3.87	
			For Elevated Installation >15' To 20', Add	7.75	
			For Elevated Installation >20' To 25', Add	9.68	
			For Elevated Installation >25' To 30', Add	13.56	
			For Elevated Installation >30' To 35', Add	15.49	
			For Elevated Installation >35' To 40', Add	19.37	
			For Elevated Installation >40', Add	21.30	
23 31	13 16-0043	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	51.74	19.36
			For 3" WG (Class B), Add	7.26	
			For 4" Or 6" WG (Class A), Add	19.36	
			For 28 Gauge, Deduct	-0.46	
			For 24 Gauge, Add	0.46	
			For 22 Gauge, Add	0.92	
			For 20 Gauge, Add	1.38	
			For 18 Gauge, Add	1.83	
			For 16 Gauge, Add	2.25	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.46	
			For Work In Restricted Working Space, Add	14.52	
			For Elevated Installation >10' To 15', Add	4.84	
			For Elevated Installation >15' To 20', Add	9.68	
			For Elevated Installation >20' To 25', Add	12.10	
			For Elevated Installation >25' To 30', Add	16.94	
			For Elevated Installation >30' To 35', Add	19.36	
			For Elevated Installation >35' To 40', Add	24.21	
			For Elevated Installation >40', Add	26.63	
23 31	13 16-0044	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	69.63	25.82
			For 3" WG (Class B), Add	9.68	
			For 4" Or 6" WG (Class A), Add	25.82	
			For 28 Gauge, Deduct	-0.70	
			For 24 Gauge, Add	0.70	
			For 22 Gauge, Add	1.40	
			For 20 Gauge, Add	2.10	
			For 18 Gauge, Add	2.79	
			For 16 Gauge, Add	3.43	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.76	
			For Work In Restricted Working Space, Add	19.37	
			For Elevated Installation >10' To 15', Add	6.46	
			For Elevated Installation >15' To 20', Add	12.91	
			For Elevated Installation >20' To 25', Add	16.14	
			For Elevated Installation >25' To 30', Add	22.59	
			For Elevated Installation >30' To 35', Add	25.82	
			For Elevated Installation >35' To 40', Add	32.28	
			For Elevated Installation >40', Add	35.50	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	103.37		38.73
		For 3" WG (Class B), Add	14.52		
		For 4" Or 6" WG (Class A), Add	38.73		
		For 28 Gauge, Deduct	-0.91		
		For 24 Gauge, Add	0.90		
		For 22 Gauge, Add	1.80		
		For 20 Gauge, Add	2.71		
		For 18 Gauge, Add	3.60		
		For 16 Gauge, Add	4.41		
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.84		
		For Work In Restricted Working Space, Add	29.05		
		For Elevated Installation >10' To 15', Add	9.68		
		For Elevated Installation >15' To 20', Add	19.37		
		For Elevated Installation >20' To 25', Add	24.21		
		For Elevated Installation >25' To 30', Add	33.89		
		For Elevated Installation >30' To 35', Add	38.73		
		For Elevated Installation >35' To 40', Add	48.42		
		For Elevated Installation >40', Add	53.26		
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	135.03		49.48
		For 3" WG (Class B), Add	18.56		
		For 4" Or 6" WG (Class A), Add	49.49		
		For 28 Gauge, Deduct	-1.57		
		For 24 Gauge, Add	1.56		
		For 22 Gauge, Add	3.12		
		For 20 Gauge, Add	4.68		
		For 18 Gauge, Add	6.22		
		For 16 Gauge, Add	7.63		
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.37		
		For Work In Restricted Working Space, Add	37.12		
		For Elevated Installation >10' To 15', Add	12.37		
		For Elevated Installation >15' To 20', Add	24.74		
		For Elevated Installation >20' To 25', Add	30.93		
		For Elevated Installation >25' To 30', Add	43.30		
		For Elevated Installation >30' To 35', Add	49.49		
		For Elevated Installation >35' To 40', Add	61.86		
		For Elevated Installation >40', Add	68.05		
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	174.54		62.39
		For 3" WG (Class B), Add	23.40		
		For 4" Or 6" WG (Class A), Add	62.40		
		For 28 Gauge, Deduct	-2.57		
		For 24 Gauge, Add	2.56		
		For 22 Gauge, Add	5.11		
		For 20 Gauge, Add	7.68		
		For 18 Gauge, Add	10.20		
		For 16 Gauge, Add	12.52		
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	13.73		
		For Work In Restricted Working Space, Add	46.80		
		For Elevated Installation >10' To 15', Add	15.60		
		For Elevated Installation >15' To 20', Add	31.20		
		For Elevated Installation >20' To 25', Add	39.00		
		For Elevated Installation >25' To 30', Add	54.60		
		For Elevated Installation >30' To 35', Add	62.40		
		For Elevated Installation >35' To 40', Add	78.00		
		For Elevated Installation >40', Add	85.79		
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	184.87		65.09
		For 3" WG (Class B), Add	24.37		
		For 4" Or 6" WG (Class A), Add	64.98		
		For 28 Gauge, Deduct	-3.11		
		For 24 Gauge, Add	3.09		
		For 22 Gauge, Add	6.18		
		For 20 Gauge, Add	9.28		
		For 18 Gauge, Add	12.33		
		For 16 Gauge, Add	15.13		
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.59		
		For Work In Restricted Working Space, Add	48.74		
		For Elevated Installation >10' To 15', Add	16.25		
		For Elevated Installation >15' To 20', Add	32.49		
		For Elevated Installation >20' To 25', Add	40.61		
		For Elevated Installation >25' To 30', Add	56.86		
		For Elevated Installation >30' To 35', Add	64.98		
		For Elevated Installation >35' To 40', Add	81.23		
		For Elevated Installation >40', Add	89.35		
		For 10" WG (Class A), Add	74.73		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049	EA		20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	195.48	66.71
			For 3" WG (Class B), Add	25.01	
			For 4" Or 6" WG (Class A), Add	66.70	
			For 28 Gauge, Deduct	-3.98	
			For 24 Gauge, Add	3.96	
			For 22 Gauge, Add	7.92	
			For 20 Gauge, Add	11.89	
			For 18 Gauge, Add	15.80	
			For 16 Gauge, Add	19.39	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.26	
			For Work In Restricted Working Space, Add	50.03	
			For Elevated Installation >10' To 15', Add	16.68	
			For Elevated Installation >15' To 20', Add	33.35	
			For Elevated Installation >20' To 25', Add	41.69	
			For Elevated Installation >25' To 30', Add	58.36	
			For Elevated Installation >30' To 35', Add	66.70	
			For Elevated Installation >35' To 40', Add	83.38	
			For Elevated Installation >40', Add	91.71	
			For 10" WG (Class A), Add	76.71	
23 31 13 16-0050			2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tees <small>(23 31 13 16-0001)</small>		
23 31 13 16-0051	EA		4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	40.31	14.53
			For 3" WG (Class B), Add	5.45	
			For 4" Or 6" WG (Class A), Add	14.52	
			For 28 Gauge, Deduct	-0.56	
			For 24 Gauge, Add	0.55	
			For 22 Gauge, Add	1.10	
			For 20 Gauge, Add	1.66	
			For 18 Gauge, Add	2.21	
			For 16 Gauge, Add	2.71	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.97	
			For Work In Restricted Working Space, Add	10.89	
			For Elevated Installation >10' To 15', Add	3.63	
			For Elevated Installation >15' To 20', Add	7.26	
			For Elevated Installation >20' To 25', Add	9.08	
			For Elevated Installation >25' To 30', Add	12.71	
			For Elevated Installation >30' To 35', Add	14.52	
			For Elevated Installation >35' To 40', Add	18.15	
			For Elevated Installation >40', Add	19.97	
23 31 13 16-0052	EA		5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	46.83	16.57
			For 3" WG (Class B), Add	6.23	
			For 4" Or 6" WG (Class A), Add	16.60	
			For 28 Gauge, Deduct	-0.74	
			For 24 Gauge, Add	0.74	
			For 22 Gauge, Add	1.47	
			For 20 Gauge, Add	2.21	
			For 18 Gauge, Add	2.93	
			For 16 Gauge, Add	3.60	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.94	
			For Work In Restricted Working Space, Add	12.45	
			For Elevated Installation >10' To 15', Add	4.15	
			For Elevated Installation >15' To 20', Add	8.30	
			For Elevated Installation >20' To 25', Add	10.38	
			For Elevated Installation >25' To 30', Add	14.53	
			For Elevated Installation >30' To 35', Add	16.60	
			For Elevated Installation >35' To 40', Add	20.75	
			For Elevated Installation >40', Add	22.83	
23 31 13 16-0053	EA		6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	54.19	19.36
			For 3" WG (Class B), Add	7.26	
			For 4" Or 6" WG (Class A), Add	19.36	
			For 28 Gauge, Deduct	-0.80	
			For 24 Gauge, Add	0.80	
			For 22 Gauge, Add	1.59	
			For 20 Gauge, Add	2.39	
			For 18 Gauge, Add	3.18	
			For 16 Gauge, Add	3.90	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.28	
			For Work In Restricted Working Space, Add	14.52	
			For Elevated Installation >10' To 15', Add	4.84	
			For Elevated Installation >15' To 20', Add	9.68	
			For Elevated Installation >20' To 25', Add	12.10	
			For Elevated Installation >25' To 30', Add	16.94	
			For Elevated Installation >30' To 35', Add	19.36	
			For Elevated Installation >35' To 40', Add	24.21	
			For Elevated Installation >40', Add	26.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0054	EA		7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	64.75	23.23
			For 3" WG (Class B), Add	8.71	
			For 4" Or 6" WG (Class A), Add	23.24	
			For 28 Gauge, Deduct	-0.92	
			For 24 Gauge, Add	0.92	
			For 22 Gauge, Add	1.83	
			For 20 Gauge, Add	2.76	
			For 18 Gauge, Add	3.66	
			For 16 Gauge, Add	4.50	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.93	
			For Work In Restricted Working Space, Add	17.43	
			For Elevated Installation >10' To 15', Add	5.81	
			For Elevated Installation >15' To 20', Add	11.62	
			For Elevated Installation >20' To 25', Add	14.52	
			For Elevated Installation >25' To 30', Add	20.33	
			For Elevated Installation >30' To 35', Add	23.24	
			For Elevated Installation >35' To 40', Add	29.05	
			For Elevated Installation >40', Add	31.95	
23 31 13 16-0055	EA		8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	83.39	29.04
			For 3" WG (Class B), Add	10.89	
			For 4" Or 6" WG (Class A), Add	29.05	
			For 28 Gauge, Deduct	-1.49	
			For 24 Gauge, Add	1.48	
			For 22 Gauge, Add	2.96	
			For 20 Gauge, Add	4.45	
			For 18 Gauge, Add	5.92	
			For 16 Gauge, Add	7.26	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.96	
			For Work In Restricted Working Space, Add	21.79	
			For Elevated Installation >10' To 15', Add	7.26	
			For Elevated Installation >15' To 20', Add	14.53	
			For Elevated Installation >20' To 25', Add	18.16	
			For Elevated Installation >25' To 30', Add	25.42	
			For Elevated Installation >30' To 35', Add	29.05	
			For Elevated Installation >35' To 40', Add	36.32	
			For Elevated Installation >40', Add	39.95	
23 31 13 16-0056	EA		10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	110.56	38.73
			For 3" WG (Class B), Add	14.52	
			For 4" Or 6" WG (Class A), Add	38.73	
			For 28 Gauge, Deduct	-1.90	
			For 24 Gauge, Add	1.89	
			For 22 Gauge, Add	3.78	
			For 20 Gauge, Add	5.68	
			For 18 Gauge, Add	7.55	
			For 16 Gauge, Add	9.27	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.16	
			For Work In Restricted Working Space, Add	29.05	
			For Elevated Installation >10' To 15', Add	9.68	
			For Elevated Installation >15' To 20', Add	19.37	
			For Elevated Installation >20' To 25', Add	24.21	
			For Elevated Installation >25' To 30', Add	33.89	
			For Elevated Installation >30' To 35', Add	38.73	
			For Elevated Installation >35' To 40', Add	48.42	
			For Elevated Installation >40', Add	53.26	
23 31 13 16-0057	EA		12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	158.93	58.09
			For 3" WG (Class B), Add	21.78	
			For 4" Or 6" WG (Class A), Add	58.08	
			For 28 Gauge, Deduct	-1.90	
			For 24 Gauge, Add	1.89	
			For 22 Gauge, Add	3.78	
			For 20 Gauge, Add	5.68	
			For 18 Gauge, Add	7.55	
			For 16 Gauge, Add	9.27	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.16	
			For Work In Restricted Working Space, Add	43.56	
			For Elevated Installation >10' To 15', Add	14.52	
			For Elevated Installation >15' To 20', Add	29.04	
			For Elevated Installation >20' To 25', Add	36.30	
			For Elevated Installation >25' To 30', Add	50.82	
			For Elevated Installation >30' To 35', Add	58.08	
			For Elevated Installation >35' To 40', Add	72.60	
			For Elevated Installation >40', Add	79.86	
23 31 13 16-0058	EA		14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	211.64	74.01
			For 3" WG (Class B), Add	27.82	
			For 4" Or 6" WG (Class A), Add	74.20	
			For 28 Gauge, Deduct	-3.62	
			For 24 Gauge, Add	3.61	
			For 22 Gauge, Add	7.20	
			For 20 Gauge, Add	10.83	
			For 18 Gauge, Add	14.38	
			For 16 Gauge, Add	17.65	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.35	
			For Work In Restricted Working Space, Add	55.65	
			For Elevated Installation >10' To 15', Add	18.55	
			For Elevated Installation >15' To 20', Add	37.10	
			For Elevated Installation >20' To 25', Add	46.37	
			For Elevated Installation >25' To 30', Add	64.92	
			For Elevated Installation >30' To 35', Add	74.20	
			For Elevated Installation >35' To 40', Add	92.75	
			For Elevated Installation >40', Add	102.02	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0059	EA		16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	270.58	93.81
			For 3" WG (Class B), Add	35.08	
			For 4" Or 6" WG (Class A), Add	93.55	
			For 28 Gauge, Deduct	-5.08	
			For 24 Gauge, Add	5.06	
			For 22 Gauge, Add	10.11	
			For 20 Gauge, Add	15.19	
			For 18 Gauge, Add	20.19	
			For 16 Gauge, Add	24.77	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.16	
			For Work In Restricted Working Space, Add	70.16	
			For Elevated Installation >10' To 15', Add	23.39	
			For Elevated Installation >15' To 20', Add	46.78	
			For Elevated Installation >20' To 25', Add	58.47	
			For Elevated Installation >25' To 30', Add	81.86	
			For Elevated Installation >30' To 35', Add	93.55	
			For Elevated Installation >35' To 40', Add	116.94	
			For Elevated Installation >40', Add	128.63	
23 31 13 16-0060	EA		18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	308.18	104.36
			For 3" WG (Class B), Add	39.21	
			For 4" Or 6" WG (Class A), Add	104.57	
			For 28 Gauge, Deduct	-6.48	
			For 24 Gauge, Add	6.45	
			For 22 Gauge, Add	12.88	
			For 20 Gauge, Add	19.36	
			For 18 Gauge, Add	25.72	
			For 16 Gauge, Add	31.56	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	34.60	
			For Work In Restricted Working Space, Add	78.43	
			For Elevated Installation >10' To 15', Add	26.14	
			For Elevated Installation >15' To 20', Add	52.28	
			For Elevated Installation >20' To 25', Add	65.36	
			For Elevated Installation >25' To 30', Add	91.50	
			For Elevated Installation >30' To 35', Add	104.57	
			For Elevated Installation >35' To 40', Add	130.71	
			For Elevated Installation >40', Add	143.78	
			For 10" WG (Class A), Add	120.25	
23 31 13 16-0061	EA		20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee.....	321.92	108.12
			For 3" WG (Class B), Add	40.50	
			For 4" Or 6" WG (Class A), Add	108.01	
			For 28 Gauge, Deduct	-7.19	
			For 24 Gauge, Add	7.16	
			For 22 Gauge, Add	14.30	
			For 20 Gauge, Add	21.48	
			For 18 Gauge, Add	28.54	
			For 16 Gauge, Add	35.03	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	38.40	
			For Work In Restricted Working Space, Add	81.01	
			For Elevated Installation >10' To 15', Add	27.00	
			For Elevated Installation >15' To 20', Add	54.01	
			For Elevated Installation >20' To 25', Add	67.51	
			For Elevated Installation >25' To 30', Add	94.51	
			For Elevated Installation >30' To 35', Add	108.01	
			For Elevated Installation >35' To 40', Add	135.02	
			For Elevated Installation >40', Add	148.52	
			For 10" WG (Class A), Add	124.21	
23 31 13 16-0062			2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connectors <small>(23 31 13 16-0001)</small>		
23 31 13 16-0063	EA		4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	18.56	
			For 3" WG (Class B), Add	2.58	
			For 4" Or 6" WG (Class A), Add	6.88	
			For Work In Restricted Working Space, Add	5.16	
			For Elevated Installation >10' To 15', Add	1.72	
			For Elevated Installation >15' To 20', Add	3.44	
			For Elevated Installation >20' To 25', Add	4.30	
			For Elevated Installation >25' To 30', Add	6.02	
			For Elevated Installation >30' To 35', Add	6.88	
			For Elevated Installation >35' To 40', Add	8.61	
			For Elevated Installation >40', Add	9.47	
23 31 13 16-0064	EA		5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	19.54	
			For 3" WG (Class B), Add	2.71	
			For 4" Or 6" WG (Class A), Add	7.24	
			For Work In Restricted Working Space, Add	5.43	
			For Elevated Installation >10' To 15', Add	1.81	
			For Elevated Installation >15' To 20', Add	3.62	
			For Elevated Installation >20' To 25', Add	4.52	
			For Elevated Installation >25' To 30', Add	6.33	
			For Elevated Installation >30' To 35', Add	7.24	
			For Elevated Installation >35' To 40', Add	9.05	
			For Elevated Installation >40', Add	9.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
23 31 13 16-0065	EA		6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	20.92	
			For 3" WG (Class B), Add	2.90	
			For 4" Or 6" WG (Class A), Add	7.74	
			For Work In Restricted Working Space, Add	5.81	
			For Elevated Installation >10' To 15', Add	1.94	
			For Elevated Installation >15' To 20', Add	3.87	
			For Elevated Installation >20' To 25', Add	4.84	
			For Elevated Installation >25' To 30', Add	6.78	
			For Elevated Installation >30' To 35', Add	7.74	
			For Elevated Installation >35' To 40', Add	9.68	
			For Elevated Installation >40', Add	10.65	
23 31 13 16-0066	EA		7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	22.22	
			For 3" WG (Class B), Add	3.07	
			For 4" Or 6" WG (Class A), Add	8.18	
			For Work In Restricted Working Space, Add	6.13	
			For Elevated Installation >10' To 15', Add	2.04	
			For Elevated Installation >15' To 20', Add	4.09	
			For Elevated Installation >20' To 25', Add	5.11	
			For Elevated Installation >25' To 30', Add	7.15	
			For Elevated Installation >30' To 35', Add	8.18	
			For Elevated Installation >35' To 40', Add	10.22	
			For Elevated Installation >40', Add	11.24	
23 31 13 16-0067	EA		8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	24.07	
			For 3" WG (Class B), Add	3.31	
			For 4" Or 6" WG (Class A), Add	8.82	
			For Work In Restricted Working Space, Add	6.62	
			For Elevated Installation >10' To 15', Add	2.21	
			For Elevated Installation >15' To 20', Add	4.41	
			For Elevated Installation >20' To 25', Add	5.52	
			For Elevated Installation >25' To 30', Add	7.72	
			For Elevated Installation >30' To 35', Add	8.82	
			For Elevated Installation >35' To 40', Add	11.03	
			For Elevated Installation >40', Add	12.13	
23 31 13 16-0068	EA		10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	27.81	
			For 3" WG (Class B), Add	3.70	
			For 4" Or 6" WG (Class A), Add	9.86	
			For Work In Restricted Working Space, Add	7.39	
			For Elevated Installation >10' To 15', Add	2.46	
			For Elevated Installation >15' To 20', Add	4.93	
			For Elevated Installation >20' To 25', Add	6.16	
			For Elevated Installation >25' To 30', Add	8.62	
			For Elevated Installation >30' To 35', Add	9.86	
			For Elevated Installation >35' To 40', Add	12.32	
			For Elevated Installation >40', Add	13.55	
23 31 13 16-0069	EA		12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	38.24	
			For 3" WG (Class B), Add	5.16	
			For 4" Or 6" WG (Class A), Add	13.77	
			For Work In Restricted Working Space, Add	10.33	
			For Elevated Installation >10' To 15', Add	3.44	
			For Elevated Installation >15' To 20', Add	6.88	
			For Elevated Installation >20' To 25', Add	8.61	
			For Elevated Installation >25' To 30', Add	12.05	
			For Elevated Installation >30' To 35', Add	13.77	
			For Elevated Installation >35' To 40', Add	17.21	
			For Elevated Installation >40', Add	18.93	
23 31 13 16-0070	EA		14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	43.62	
			For 3" WG (Class B), Add	5.88	
			For 4" Or 6" WG (Class A), Add	15.67	
			For Work In Restricted Working Space, Add	11.75	
			For Elevated Installation >10' To 15', Add	3.92	
			For Elevated Installation >15' To 20', Add	7.84	
			For Elevated Installation >20' To 25', Add	9.80	
			For Elevated Installation >25' To 30', Add	13.71	
			For Elevated Installation >30' To 35', Add	15.67	
			For Elevated Installation >35' To 40', Add	19.59	
			For Elevated Installation >40', Add	21.55	
23 31 13 16-0071	EA		16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	47.91	
			For 3" WG (Class B), Add	6.44	
			For 4" Or 6" WG (Class A), Add	17.17	
			For Work In Restricted Working Space, Add	12.88	
			For Elevated Installation >10' To 15', Add	4.29	
			For Elevated Installation >15' To 20', Add	8.59	
			For Elevated Installation >20' To 25', Add	10.73	
			For Elevated Installation >25' To 30', Add	15.03	
			For Elevated Installation >30' To 35', Add	17.17	
			For Elevated Installation >35' To 40', Add	21.47	
			For Elevated Installation >40', Add	23.61	
23 31 13 16-0072	EA		18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	52.04	
			For 3" WG (Class B), Add	6.97	
			For 4" Or 6" WG (Class A), Add	18.59	
			For Work In Restricted Working Space, Add	13.94	
			For Elevated Installation >10' To 15', Add	4.65	
			For Elevated Installation >15' To 20', Add	9.30	
			For Elevated Installation >20' To 25', Add	11.62	
			For Elevated Installation >25' To 30', Add	16.27	
			For Elevated Installation >30' To 35', Add	18.59	
			For Elevated Installation >35' To 40', Add	23.24	
			For Elevated Installation >40', Add	25.56	
			For 10" WG (Class A), Add	21.38	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 16-0073	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	56.70	
		For 3" WG (Class B), Add	7.60	
		For 4" Or 6" WG (Class A), Add	20.27	
		For Work In Restricted Working Space, Add	15.20	
		For Elevated Installation >10' To 15', Add	5.07	
		For Elevated Installation >15' To 20', Add	10.13	
		For Elevated Installation >20' To 25', Add	12.67	
		For Elevated Installation >25' To 30', Add	17.73	
		For Elevated Installation >30' To 35', Add	20.27	
		For Elevated Installation >35' To 40', Add	25.34	
		For Elevated Installation >40', Add	27.87	
		For 10" WG (Class A), Add	23.31	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings (23 31 13 16)

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct (23 31 13 16-0074)

23 31 13 16-0076	LF	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	6.70	1.00
		For 3" WG (Class B), Add	0.80	
		For 4" Or 6" WG (Class A), Add	2.13	
		For 24 Gauge, Add	0.28	
		For 22 Gauge, Add	0.63	
		For 20 Gauge, Add	1.04	
		For 18 Gauge, Add	1.59	
		For 16 Gauge, Add	1.93	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.02	
		For Work In Restricted Working Space, Add	1.60	
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	8.39	1.98
		For 3" WG (Class B), Add	0.96	
		For 4" Or 6" WG (Class A), Add	2.56	
		For 24 Gauge, Add	0.40	
		For 22 Gauge, Add	0.92	
		For 20 Gauge, Add	1.50	
		For 18 Gauge, Add	2.30	
		For 16 Gauge, Add	2.80	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.48	
		For Work In Restricted Working Space, Add	1.92	
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	10.55	1.98
		For 3" WG (Class B), Add	1.19	
		For 4" Or 6" WG (Class A), Add	3.17	
		For 24 Gauge, Add	0.53	
		For 22 Gauge, Add	1.21	
		For 20 Gauge, Add	1.97	
		For 18 Gauge, Add	3.02	
		For 16 Gauge, Add	3.68	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.95	
		For Work In Restricted Working Space, Add	2.38	
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	12.76	1.98
		For 3" WG (Class B), Add	1.43	
		For 4" Or 6" WG (Class A), Add	3.80	
		For 24 Gauge, Add	0.65	
		For 22 Gauge, Add	1.50	
		For 20 Gauge, Add	2.44	
		For 18 Gauge, Add	3.74	
		For 16 Gauge, Add	4.55	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.41	
		For Work In Restricted Working Space, Add	2.85	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	15.92	2.98
		For 3" WG (Class B), Add	1.79	
		For 4" Or 6" WG (Class A), Add	4.77	
		For 24 Gauge, Add	0.80	
		For 22 Gauge, Add	1.84	
		For 20 Gauge, Add	3.00	
		For 18 Gauge, Add	4.60	
		For 16 Gauge, Add	5.60	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.96	
		For Work In Restricted Working Space, Add	3.58	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	19.52	2.98
		For 3" WG (Class B), Add	2.23	
		For 4" Or 6" WG (Class A), Add	5.96	
		For 24 Gauge, Add	0.93	
		For 22 Gauge, Add	2.13	
		For 20 Gauge, Add	3.47	
		For 18 Gauge, Add	5.32	
		For 16 Gauge, Add	6.48	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.43	
		For Work In Restricted Working Space, Add	4.47	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	26.56	2.98
		For 3" WG (Class B), Add	2.97	
		For 4" Or 6" WG (Class A), Add	7.93	
		For 24 Gauge, Add	1.35	
		For 22 Gauge, Add	3.10	
		For 20 Gauge, Add	5.05	
		For 18 Gauge, Add	7.74	
		For 16 Gauge, Add	9.42	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.98	
		For Work In Restricted Working Space, Add	5.95	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0083		LF 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	30.58	3.97
		For 3" WG (Class B), Add	3.47	
		For 4" Or 6" WG (Class A), Add	9.25	
		For 24 Gauge, Add	1.49	
		For 22 Gauge, Add	3.43	
		For 20 Gauge, Add	5.60	
		For 18 Gauge, Add	8.58	
		For 16 Gauge, Add	10.44	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.52	
		For Work In Restricted Working Space, Add	6.94	
23 31 13 16-0084		LF 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	34.58	3.97
		For 3" WG (Class B), Add	3.94	
		For 4" Or 6" WG (Class A), Add	10.50	
		For 24 Gauge, Add	1.66	
		For 22 Gauge, Add	3.83	
		For 20 Gauge, Add	6.24	
		For 18 Gauge, Add	9.57	
		For 16 Gauge, Add	11.65	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.16	
		For Work In Restricted Working Space, Add	7.88	
23 31 13 16-0085		LF 22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	38.76	4.97
		For 3" WG (Class B), Add	4.44	
		For 4" Or 6" WG (Class A), Add	11.83	
		For 24 Gauge, Add	1.84	
		For 22 Gauge, Add	4.23	
		For 20 Gauge, Add	6.89	
		For 18 Gauge, Add	10.57	
		For 16 Gauge, Add	12.87	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.80	
		For Work In Restricted Working Space, Add	8.87	
23 31 13 16-0086		LF 24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	43.09	5.95
		For 3" WG (Class B), Add	4.97	
		For 4" Or 6" WG (Class A), Add	13.24	
		For 24 Gauge, Add	2.00	
		For 22 Gauge, Add	4.60	
		For 20 Gauge, Add	7.49	
		For 18 Gauge, Add	11.49	
		For 16 Gauge, Add	13.99	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.39	
		For Work In Restricted Working Space, Add	9.93	
23 31 13 16-0087		Slip Joint, Galvanized, Spiral 90 Degree Elbows <small>(23 31 13 16-0074)</small>		
23 31 13 16-0088		EA 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	62.18	13.90
		For 3" WG (Class B), Add	8.05	
		For 4" Or 6" WG (Class A), Add	21.47	
		For 24 Gauge, Add	1.70	
		For 22 Gauge, Add	3.91	
		For 20 Gauge, Add	6.38	
		For 18 Gauge, Add	9.79	
		For 16 Gauge, Add	11.91	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.30	
		For Work In Restricted Working Space, Add	16.10	
23 31 13 16-0089		EA 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	91.52	19.86
		For 3" WG (Class B), Add	11.92	
		For 4" Or 6" WG (Class A), Add	31.78	
		For 24 Gauge, Add	2.42	
		For 22 Gauge, Add	5.56	
		For 20 Gauge, Add	9.06	
		For 18 Gauge, Add	13.89	
		For 16 Gauge, Add	16.91	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.94	
		For Work In Restricted Working Space, Add	23.83	
23 31 13 16-0090		EA 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	127.57	25.81
		For 3" WG (Class B), Add	15.68	
		For 4" Or 6" WG (Class A), Add	41.81	
		For 24 Gauge, Add	4.61	
		For 22 Gauge, Add	10.60	
		For 20 Gauge, Add	17.28	
		For 18 Gauge, Add	26.50	
		For 16 Gauge, Add	32.26	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	17.05	
		For Work In Restricted Working Space, Add	31.36	
23 31 13 16-0091		EA 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	159.53	32.76
		For 3" WG (Class B), Add	19.86	
		For 4" Or 6" WG (Class A), Add	52.96	
		For 24 Gauge, Add	5.43	
		For 22 Gauge, Add	12.48	
		For 20 Gauge, Add	20.35	
		For 18 Gauge, Add	31.20	
		For 16 Gauge, Add	37.98	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.08	
		For Work In Restricted Working Space, Add	39.72	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31	13 16-0092	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	197.36	41.70
			For 3" WG (Class B), Add	24.83	
			For 4" Or 6" WG (Class A), Add	66.20	
			For 24 Gauge, Add	6.37	
			For 22 Gauge, Add	14.66	
			For 20 Gauge, Add	23.90	
			For 18 Gauge, Add	36.64	
			For 16 Gauge, Add	44.60	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.58	
			For Work In Restricted Working Space, Add	49.65	
23 31	13 16-0093	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	216.00	45.68
			For 3" WG (Class B), Add	27.08	
			For 4" Or 6" WG (Class A), Add	72.22	
			For 24 Gauge, Add	7.09	
			For 22 Gauge, Add	16.31	
			For 20 Gauge, Add	26.60	
			For 18 Gauge, Add	40.78	
			For 16 Gauge, Add	49.64	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.24	
			For Work In Restricted Working Space, Add	54.16	
23 31	13 16-0094	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	255.05	53.62
			For 3" WG (Class B), Add	32.03	
			For 4" Or 6" WG (Class A), Add	85.42	
			For 24 Gauge, Add	8.30	
			For 22 Gauge, Add	19.09	
			For 20 Gauge, Add	31.13	
			For 18 Gauge, Add	47.73	
			For 16 Gauge, Add	58.10	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.71	
			For Work In Restricted Working Space, Add	64.07	
23 31	13 16-0095	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	312.55	66.53
			For 3" WG (Class B), Add	39.72	
			For 4" Or 6" WG (Class A), Add	105.92	
			For 24 Gauge, Add	9.55	
			For 22 Gauge, Add	21.97	
			For 20 Gauge, Add	35.82	
			For 18 Gauge, Add	54.92	
			For 16 Gauge, Add	66.86	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	35.34	
			For Work In Restricted Working Space, Add	79.44	
23 31	13 16-0096	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	376.69	80.43
			For 3" WG (Class B), Add	48.05	
			For 4" Or 6" WG (Class A), Add	128.13	
			For 24 Gauge, Add	11.27	
			For 22 Gauge, Add	25.93	
			For 20 Gauge, Add	42.28	
			For 18 Gauge, Add	64.83	
			For 16 Gauge, Add	78.92	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	41.71	
			For Work In Restricted Working Space, Add	96.10	
23 31	13 16-0097	EA	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	438.69	93.34
			For 3" WG (Class B), Add	56.21	
			For 4" Or 6" WG (Class A), Add	149.88	
			For 24 Gauge, Add	12.80	
			For 22 Gauge, Add	29.43	
			For 20 Gauge, Add	47.99	
			For 18 Gauge, Add	73.58	
			For 16 Gauge, Add	89.57	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	47.35	
			For Work In Restricted Working Space, Add	112.41	
23 31	13 16-0098	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	501.51	106.25
			For 3" WG (Class B), Add	63.38	
			For 4" Or 6" WG (Class A), Add	169.02	
			For 24 Gauge, Add	15.79	
			For 22 Gauge, Add	36.32	
			For 20 Gauge, Add	59.22	
			For 18 Gauge, Add	90.80	
			For 16 Gauge, Add	110.54	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	58.43	
			For Work In Restricted Working Space, Add	126.77	

23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows (23 31 13 16-0074)

23 31	13 16-0100	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	62.58	13.90
			For 3" WG (Class B), Add	8.05	
			For 4" Or 6" WG (Class A), Add	21.47	
			For 24 Gauge, Add	1.78	
			For 22 Gauge, Add	4.10	
			For 20 Gauge, Add	6.68	
			For 18 Gauge, Add	10.25	
			For 16 Gauge, Add	12.47	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.59	
			For Work In Restricted Working Space, Add	16.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0101	EA		6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	89.45	19.86
			For 3" WG (Class B), Add	11.92	
			For 4" Or 6" WG (Class A), Add	31.78	
			For 24 Gauge, Add	2.00	
			For 22 Gauge, Add	4.60	
			For 20 Gauge, Add	7.51	
			For 18 Gauge, Add	11.51	
			For 16 Gauge, Add	14.01	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.41	
			For Work In Restricted Working Space, Add	23.83	
23 31 13 16-0102	EA		8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	117.95	25.81
			For 3" WG (Class B), Add	15.68	
			For 4" Or 6" WG (Class A), Add	41.81	
			For 24 Gauge, Add	2.68	
			For 22 Gauge, Add	6.17	
			For 20 Gauge, Add	10.07	
			For 18 Gauge, Add	15.43	
			For 16 Gauge, Add	18.79	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.93	
			For Work In Restricted Working Space, Add	31.36	
23 31 13 16-0103	EA		10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	149.18	32.76
			For 3" WG (Class B), Add	19.86	
			For 4" Or 6" WG (Class A), Add	52.96	
			For 24 Gauge, Add	3.36	
			For 22 Gauge, Add	7.72	
			For 20 Gauge, Add	12.59	
			For 18 Gauge, Add	19.30	
			For 16 Gauge, Add	23.49	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.42	
			For Work In Restricted Working Space, Add	39.72	
23 31 13 16-0104	EA		12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	185.00	41.70
			For 3" WG (Class B), Add	24.83	
			For 4" Or 6" WG (Class A), Add	66.20	
			For 24 Gauge, Add	3.90	
			For 22 Gauge, Add	8.97	
			For 20 Gauge, Add	14.63	
			For 18 Gauge, Add	22.43	
			For 16 Gauge, Add	27.30	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.43	
			For Work In Restricted Working Space, Add	49.65	
23 31 13 16-0105	EA		14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	202.22	45.68
			For 3" WG (Class B), Add	27.08	
			For 4" Or 6" WG (Class A), Add	72.22	
			For 24 Gauge, Add	4.34	
			For 22 Gauge, Add	9.97	
			For 20 Gauge, Add	16.26	
			For 18 Gauge, Add	24.93	
			For 16 Gauge, Add	30.35	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.04	
			For Work In Restricted Working Space, Add	54.16	
23 31 13 16-0106	EA		16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	249.08	53.62
			For 3" WG (Class B), Add	32.03	
			For 4" Or 6" WG (Class A), Add	85.42	
			For 24 Gauge, Add	7.11	
			For 22 Gauge, Add	16.34	
			For 20 Gauge, Add	26.65	
			For 18 Gauge, Add	40.86	
			For 16 Gauge, Add	49.74	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.29	
			For Work In Restricted Working Space, Add	64.07	
23 31 13 16-0107	EA		18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	308.32	66.53
			For 3" WG (Class B), Add	39.72	
			For 4" Or 6" WG (Class A), Add	105.92	
			For 24 Gauge, Add	8.71	
			For 22 Gauge, Add	20.02	
			For 20 Gauge, Add	32.65	
			For 18 Gauge, Add	50.06	
			For 16 Gauge, Add	60.94	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	32.21	
			For Work In Restricted Working Space, Add	79.44	
23 31 13 16-0108	EA		20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	375.40	80.43
			For 3" WG (Class B), Add	48.05	
			For 4" Or 6" WG (Class A), Add	128.13	
			For 24 Gauge, Add	11.02	
			For 22 Gauge, Add	25.34	
			For 20 Gauge, Add	41.31	
			For 18 Gauge, Add	63.34	
			For 16 Gauge, Add	77.11	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.76	
			For Work In Restricted Working Space, Add	96.10	
23 31 13 16-0109	EA		22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	424.01	93.34
			For 3" WG (Class B), Add	56.21	
			For 4" Or 6" WG (Class A), Add	149.88	
			For 24 Gauge, Add	9.86	
			For 22 Gauge, Add	22.68	
			For 20 Gauge, Add	36.98	
			For 18 Gauge, Add	56.70	
			For 16 Gauge, Add	69.02	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	36.48	
			For Work In Restricted Working Space, Add	112.41	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	496.28	106.25
		<i>For 3" WG (Class B), Add</i>	63.38	
		<i>For 4" Or 6" WG (Class A), Add</i>	169.02	
		<i>For 24 Gauge, Add</i>	14.75	
		<i>For 22 Gauge, Add</i>	33.92	
		<i>For 20 Gauge, Add</i>	55.30	
		<i>For 18 Gauge, Add</i>	84.79	
		<i>For 16 Gauge, Add</i>	103.22	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.56	
		<i>For Work In Restricted Working Space, Add</i>	126.77	
23 31 13 16-0111		Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals (23 31 13 16-0074)		
23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	123.68	25.81
		<i>For 3" WG (Class B), Add</i>	15.68	
		<i>For 4" Or 6" WG (Class A), Add</i>	41.81	
		<i>For 24 Gauge, Add</i>	3.83	
		<i>For 22 Gauge, Add</i>	8.81	
		<i>For 20 Gauge, Add</i>	14.36	
		<i>For 18 Gauge, Add</i>	22.02	
		<i>For 16 Gauge, Add</i>	26.81	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	14.17	
		<i>For Work In Restricted Working Space, Add</i>	31.36	
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	185.58	41.70
		<i>For 3" WG (Class B), Add</i>	24.83	
		<i>For 4" Or 6" WG (Class A), Add</i>	66.20	
		<i>For 24 Gauge, Add</i>	4.02	
		<i>For 22 Gauge, Add</i>	9.24	
		<i>For 20 Gauge, Add</i>	15.06	
		<i>For 18 Gauge, Add</i>	23.09	
		<i>For 16 Gauge, Add</i>	28.11	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	14.86	
		<i>For Work In Restricted Working Space, Add</i>	49.65	
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	235.59	53.62
		<i>For 3" WG (Class B), Add</i>	32.03	
		<i>For 4" Or 6" WG (Class A), Add</i>	85.42	
		<i>For 24 Gauge, Add</i>	4.41	
		<i>For 22 Gauge, Add</i>	10.14	
		<i>For 20 Gauge, Add</i>	16.53	
		<i>For 18 Gauge, Add</i>	25.35	
		<i>For 16 Gauge, Add</i>	30.86	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	16.31	
		<i>For Work In Restricted Working Space, Add</i>	64.07	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	287.82	66.53
		<i>For 3" WG (Class B), Add</i>	39.72	
		<i>For 4" Or 6" WG (Class A), Add</i>	105.92	
		<i>For 24 Gauge, Add</i>	4.61	
		<i>For 22 Gauge, Add</i>	10.59	
		<i>For 20 Gauge, Add</i>	17.27	
		<i>For 18 Gauge, Add</i>	26.48	
		<i>For 16 Gauge, Add</i>	32.24	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	17.04	
		<i>For Work In Restricted Working Space, Add</i>	79.44	
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	344.10	80.43
		<i>For 3" WG (Class B), Add</i>	48.05	
		<i>For 4" Or 6" WG (Class A), Add</i>	128.13	
		<i>For 24 Gauge, Add</i>	4.76	
		<i>For 22 Gauge, Add</i>	10.94	
		<i>For 20 Gauge, Add</i>	17.84	
		<i>For 18 Gauge, Add</i>	27.35	
		<i>For 16 Gauge, Add</i>	33.29	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	17.60	
		<i>For Work In Restricted Working Space, Add</i>	96.10	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	400.57	93.34
		<i>For 3" WG (Class B), Add</i>	56.21	
		<i>For 4" Or 6" WG (Class A), Add</i>	149.88	
		<i>For 24 Gauge, Add</i>	5.17	
		<i>For 22 Gauge, Add</i>	11.90	
		<i>For 20 Gauge, Add</i>	19.40	
		<i>For 18 Gauge, Add</i>	29.74	
		<i>For 16 Gauge, Add</i>	36.20	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.14	
		<i>For Work In Restricted Working Space, Add</i>	112.41	
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
		Lateral.....	449.46	106.25
		<i>For 3" WG (Class B), Add</i>	63.38	
		<i>For 4" Or 6" WG (Class A), Add</i>	169.02	
		<i>For 24 Gauge, Add</i>	5.38	
		<i>For 22 Gauge, Add</i>	12.38	
		<i>For 20 Gauge, Add</i>	20.18	
		<i>For 18 Gauge, Add</i>	30.95	
		<i>For 16 Gauge, Add</i>	37.67	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.91	
		<i>For Work In Restricted Working Space, Add</i>	126.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0119	EA		20" x 20" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	512.26	121.14
			For 3" WG (Class B), Add	72.66	
			For 4" Or 6" WG (Class A), Add	193.75	
			For 24 Gauge, Add	5.58	
			For 22 Gauge, Add	12.83	
			For 20 Gauge, Add	20.92	
			For 18 Gauge, Add	32.07	
			For 16 Gauge, Add	39.05	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.64	
			For Work In Restricted Working Space, Add	145.31	
23 31 13 16-0120	EA		22" x 22" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	570.31	134.05
			For 3" WG (Class B), Add	80.51	
			For 4" Or 6" WG (Class A), Add	214.70	
			For 24 Gauge, Add	6.71	
			For 22 Gauge, Add	15.44	
			For 20 Gauge, Add	25.17	
			For 18 Gauge, Add	38.59	
			For 16 Gauge, Add	46.98	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.83	
			For Work In Restricted Working Space, Add	161.03	
23 31 13 16-0121	EA		24" x 24" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	618.76	145.97
			For 3" WG (Class B), Add	87.62	
			For 4" Or 6" WG (Class A), Add	233.64	
			For 24 Gauge, Add	6.93	
			For 22 Gauge, Add	15.94	
			For 20 Gauge, Add	26.00	
			For 18 Gauge, Add	39.86	
			For 16 Gauge, Add	48.52	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.65	
			For Work In Restricted Working Space, Add	175.23	
23 31 13 16-0122	EA		8" x 8" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	196.89	44.98
			For 3" WG (Class B), Add	27.00	
			For 4" Or 6" WG (Class A), Add	72.01	
			For 24 Gauge, Add	3.37	
			For 22 Gauge, Add	7.76	
			For 20 Gauge, Add	12.65	
			For 18 Gauge, Add	19.40	
			For 16 Gauge, Add	23.62	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.48	
			For Work In Restricted Working Space, Add	54.01	
23 31 13 16-0123	EA		10" x 10" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	237.73	54.11
			For 3" WG (Class B), Add	32.46	
			For 4" Or 6" WG (Class A), Add	86.57	
			For 24 Gauge, Add	4.26	
			For 22 Gauge, Add	9.80	
			For 20 Gauge, Add	15.98	
			For 18 Gauge, Add	24.50	
			For 16 Gauge, Add	29.82	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.76	
			For Work In Restricted Working Space, Add	64.93	
23 31 13 16-0124	EA		12" x 12" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	288.82	65.74
			For 3" WG (Class B), Add	39.45	
			For 4" Or 6" WG (Class A), Add	105.19	
			For 24 Gauge, Add	5.17	
			For 22 Gauge, Add	11.89	
			For 20 Gauge, Add	19.39	
			For 18 Gauge, Add	29.73	
			For 16 Gauge, Add	36.19	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.13	
			For Work In Restricted Working Space, Add	78.89	
23 31 13 16-0125	EA		14" x 14" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	343.83	78.15
			For 3" WG (Class B), Add	46.96	
			For 4" Or 6" WG (Class A), Add	125.22	
			For 24 Gauge, Add	6.16	
			For 22 Gauge, Add	14.16	
			For 20 Gauge, Add	23.09	
			For 18 Gauge, Add	35.41	
			For 16 Gauge, Add	43.11	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.78	
			For Work In Restricted Working Space, Add	93.91	
23 31 13 16-0126	EA		16" x 16" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing		
			Lateral	437.38	100.49
			For 3" WG (Class B), Add	60.25	
			For 4" Or 6" WG (Class A), Add	160.68	
			For 24 Gauge, Add	7.14	
			For 22 Gauge, Add	16.42	
			For 20 Gauge, Add	26.77	
			For 18 Gauge, Add	41.04	
			For 16 Gauge, Add	49.97	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.41	
			For Work In Restricted Working Space, Add	120.51	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0127	EA	18" x 18" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	485.67	111.51
			For 3" WG (Class B), Add	66.85	
			For 4" Or 6" WG (Class A), Add	178.27	
			For 24 Gauge, Add	8.00	
			For 22 Gauge, Add	18.40	
			For 20 Gauge, Add	29.99	
			For 18 Gauge, Add	45.99	
			For 16 Gauge, Add	55.99	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.59	
			For Work In Restricted Working Space, Add	133.70	
23 31	13 16-0128	EA	20" x 20" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	552.14	126.90
			For 3" WG (Class B), Add	75.99	
			For 4" Or 6" WG (Class A), Add	202.65	
			For 24 Gauge, Add	9.10	
			For 22 Gauge, Add	20.94	
			For 20 Gauge, Add	34.14	
			For 18 Gauge, Add	52.35	
			For 16 Gauge, Add	63.73	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	33.68	
			For Work In Restricted Working Space, Add	151.99	
23 31	13 16-0129	EA	22" x 22" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	591.57	135.34
			For 3" WG (Class B), Add	81.13	
			For 4" Or 6" WG (Class A), Add	216.34	
			For 24 Gauge, Add	10.15	
			For 22 Gauge, Add	23.34	
			For 20 Gauge, Add	38.05	
			For 18 Gauge, Add	58.34	
			For 16 Gauge, Add	71.02	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	37.54	
			For Work In Restricted Working Space, Add	162.25	
23 31	13 16-0130	EA	24" x 24" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	641.84	146.76
			For 3" WG (Class B), Add	88.03	
			For 4" Or 6" WG (Class A), Add	234.75	
			For 24 Gauge, Add	10.99	
			For 22 Gauge, Add	25.29	
			For 20 Gauge, Add	41.23	
			For 18 Gauge, Add	63.22	
			For 16 Gauge, Add	76.96	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.68	
			For Work In Restricted Working Space, Add	176.06	
23 31	13 16-0131	EA	10" x 10" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	260.44	59.57
			For 3" WG (Class B), Add	35.70	
			For 4" Or 6" WG (Class A), Add	95.20	
			For 24 Gauge, Add	4.49	
			For 22 Gauge, Add	10.32	
			For 20 Gauge, Add	16.82	
			For 18 Gauge, Add	25.79	
			For 16 Gauge, Add	31.40	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.60	
			For Work In Restricted Working Space, Add	71.40	
23 31	13 16-0132	EA	12" x 12" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	316.53	72.49
			For 3" WG (Class B), Add	43.40	
			For 4" Or 6" WG (Class A), Add	115.73	
			For 24 Gauge, Add	5.44	
			For 22 Gauge, Add	12.51	
			For 20 Gauge, Add	20.40	
			For 18 Gauge, Add	31.28	
			For 16 Gauge, Add	38.08	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.13	
			For Work In Restricted Working Space, Add	86.80	
23 31	13 16-0133	EA	14" x 14" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	376.73	85.89
			For 3" WG (Class B), Add	51.65	
			For 4" Or 6" WG (Class A), Add	137.72	
			For 24 Gauge, Add	6.48	
			For 22 Gauge, Add	14.91	
			For 20 Gauge, Add	24.32	
			For 18 Gauge, Add	37.28	
			For 16 Gauge, Add	45.39	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.99	
			For Work In Restricted Working Space, Add	103.29	
23 31	13 16-0134	EA	16" x 16" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	437.32	100.09
			For 3" WG (Class B), Add	59.96	
			For 4" Or 6" WG (Class A), Add	159.90	
			For 24 Gauge, Add	7.51	
			For 22 Gauge, Add	17.28	
			For 20 Gauge, Add	28.18	
			For 18 Gauge, Add	43.21	
			For 16 Gauge, Add	52.60	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.80	
			For Work In Restricted Working Space, Add	119.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0135	EA		18" x 18" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	489.38	111.91
				67.09	
				178.92	
				8.42	
				19.36	
				31.57	
				48.40	
				58.93	
				31.15	
				134.19	
23 31 13 16-0136	EA		20" x 20" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	556.61	127.30
				76.31	
				203.48	
				9.58	
				22.04	
				35.93	
				55.10	
				67.07	
				35.45	
				152.61	
23 31 13 16-0137	EA		22" x 22" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	621.46	142.00
				85.21	
				227.22	
				10.68	
				24.56	
				40.05	
				61.41	
				74.76	
				39.52	
				170.42	
23 31 13 16-0138	EA		24" x 24" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	673.85	154.11
				92.40	
				246.40	
				11.57	
				26.62	
				43.40	
				66.54	
				81.00	
				42.82	
				184.80	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers (23 31 13 16-0074)

23 31 13 16-0140	EA		6" x 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	86.33	19.86
				11.92	
				31.78	
				1.38	
				3.17	
				5.17	
				7.92	
				9.65	
				5.10	
				23.83	
23 31 13 16-0141	EA		8" x 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	112.11	25.81
				15.68	
				41.81	
				1.52	
				3.49	
				5.69	
				8.72	
				10.61	
				5.61	
				31.36	
23 31 13 16-0142	EA		10" x 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	140.79	32.76
				19.86	
				52.96	
				1.68	
				3.86	
				6.29	
				9.65	
				11.75	
				6.21	
				39.72	
23 31 13 16-0143	EA		12" x 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	174.70	41.70
				24.83	
				66.20	
				1.84	
				4.23	
				6.90	
				10.58	
				12.88	
				6.81	
				49.65	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0144	EA 14" x 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	190.78	45.68
	For 3" WG (Class B), Add	27.08	
	For 4" Or 6" WG (Class A), Add	72.22	
	For 24 Gauge, Add	2.05	
	For 22 Gauge, Add	4.71	
	For 20 Gauge, Add	7.68	
	For 18 Gauge, Add	11.78	
	For 16 Gauge, Add	14.34	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.58	
	For Work In Restricted Working Space, Add	54.16	
23 31 13 16-0145	EA 16" x 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	231.26	53.62
	For 3" WG (Class B), Add	32.03	
	For 4" Or 6" WG (Class A), Add	85.42	
	For 24 Gauge, Add	3.54	
	For 22 Gauge, Add	8.15	
	For 20 Gauge, Add	13.28	
	For 18 Gauge, Add	20.37	
	For 16 Gauge, Add	24.79	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	13.11	
	For Work In Restricted Working Space, Add	64.07	
23 31 13 16-0146	EA 18" x 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	283.71	66.53
	For 3" WG (Class B), Add	39.72	
	For 4" Or 6" WG (Class A), Add	105.92	
	For 24 Gauge, Add	3.78	
	For 22 Gauge, Add	8.70	
	For 20 Gauge, Add	14.19	
	For 18 Gauge, Add	21.76	
	For 16 Gauge, Add	26.49	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.00	
	For Work In Restricted Working Space, Add	79.44	
23 31 13 16-0147	EA 20" x 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	340.51	80.43
	For 3" WG (Class B), Add	48.05	
	For 4" Or 6" WG (Class A), Add	128.13	
	For 24 Gauge, Add	4.04	
	For 22 Gauge, Add	9.29	
	For 20 Gauge, Add	15.14	
	For 18 Gauge, Add	23.22	
	For 16 Gauge, Add	28.27	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.94	
	For Work In Restricted Working Space, Add	96.10	
23 31 13 16-0148	EA 22" x 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	396.18	93.34
	For 3" WG (Class B), Add	56.21	
	For 4" Or 6" WG (Class A), Add	149.88	
	For 24 Gauge, Add	4.29	
	For 22 Gauge, Add	9.88	
	For 20 Gauge, Add	16.10	
	For 18 Gauge, Add	24.69	
	For 16 Gauge, Add	30.06	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.89	
	For Work In Restricted Working Space, Add	112.41	
23 31 13 16-0149	EA 24" x 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	445.17	106.25
	For 3" WG (Class B), Add	63.38	
	For 4" Or 6" WG (Class A), Add	169.02	
	For 24 Gauge, Add	4.52	
	For 22 Gauge, Add	10.41	
	For 20 Gauge, Add	16.97	
	For 18 Gauge, Add	26.01	
	For 16 Gauge, Add	31.67	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.74	
	For Work In Restricted Working Space, Add	126.77	
23 31 13 16-0150	Slip Joint, Galvanized, Spiral Duct Couplings (23 31 13 16-0074)		
23 31 13 16-0151	EA 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	56.93	13.90
	For 3" WG (Class B), Add	8.05	
	For 4" Or 6" WG (Class A), Add	21.47	
	For 24 Gauge, Add	0.65	
	For 22 Gauge, Add	1.50	
	For 20 Gauge, Add	2.45	
	For 18 Gauge, Add	3.75	
	For 16 Gauge, Add	4.56	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.41	
	For Work In Restricted Working Space, Add	16.10	
23 31 13 16-0152	EA 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	83.14	19.86
	For 3" WG (Class B), Add	11.92	
	For 4" Or 6" WG (Class A), Add	31.78	
	For 24 Gauge, Add	0.74	
	For 22 Gauge, Add	1.70	
	For 20 Gauge, Add	2.78	
	For 18 Gauge, Add	4.26	
	For 16 Gauge, Add	5.18	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.74	
	For Work In Restricted Working Space, Add	23.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0153	EA		8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	108.52	25.81
			For 3" WG (Class B), Add	15.68	
			For 4" Or 6" WG (Class A), Add	41.81	
			For 24 Gauge, Add	0.80	
			For 22 Gauge, Add	1.84	
			For 20 Gauge, Add	2.99	
			For 18 Gauge, Add	4.59	
			For 16 Gauge, Add	5.59	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.95	
			For Work In Restricted Working Space, Add	31.36	
23 31 13 16-0154	EA		10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	136.68	32.76
			For 3" WG (Class B), Add	19.86	
			For 4" Or 6" WG (Class A), Add	52.96	
			For 24 Gauge, Add	0.86	
			For 22 Gauge, Add	1.97	
			For 20 Gauge, Add	3.21	
			For 18 Gauge, Add	4.92	
			For 16 Gauge, Add	5.99	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.17	
			For Work In Restricted Working Space, Add	39.72	
23 31 13 16-0155	EA		12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	170.07	41.70
			For 3" WG (Class B), Add	24.83	
			For 4" Or 6" WG (Class A), Add	66.20	
			For 24 Gauge, Add	0.91	
			For 22 Gauge, Add	2.10	
			For 20 Gauge, Add	3.43	
			For 18 Gauge, Add	5.26	
			For 16 Gauge, Add	6.40	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.38	
			For Work In Restricted Working Space, Add	49.65	
23 31 13 16-0156	EA		14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	185.40	45.68
			For 3" WG (Class B), Add	27.08	
			For 4" Or 6" WG (Class A), Add	72.22	
			For 24 Gauge, Add	0.97	
			For 22 Gauge, Add	2.24	
			For 20 Gauge, Add	3.65	
			For 18 Gauge, Add	5.59	
			For 16 Gauge, Add	6.80	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.60	
			For Work In Restricted Working Space, Add	54.16	
23 31 13 16-0157	EA		16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	218.93	53.62
			For 3" WG (Class B), Add	32.03	
			For 4" Or 6" WG (Class A), Add	85.42	
			For 24 Gauge, Add	1.08	
			For 22 Gauge, Add	2.47	
			For 20 Gauge, Add	4.04	
			For 18 Gauge, Add	6.19	
			For 16 Gauge, Add	7.53	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.98	
			For Work In Restricted Working Space, Add	64.07	
23 31 13 16-0158	EA		18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	270.46	66.53
			For 3" WG (Class B), Add	39.72	
			For 4" Or 6" WG (Class A), Add	105.92	
			For 24 Gauge, Add	1.13	
			For 22 Gauge, Add	2.61	
			For 20 Gauge, Add	4.25	
			For 18 Gauge, Add	6.52	
			For 16 Gauge, Add	7.94	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.20	
			For Work In Restricted Working Space, Add	79.44	
23 31 13 16-0159	EA		20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	326.34	80.43
			For 3" WG (Class B), Add	48.05	
			For 4" Or 6" WG (Class A), Add	128.13	
			For 24 Gauge, Add	1.20	
			For 22 Gauge, Add	2.77	
			For 20 Gauge, Add	4.52	
			For 18 Gauge, Add	6.92	
			For 16 Gauge, Add	8.43	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.45	
			For Work In Restricted Working Space, Add	96.10	
23 31 13 16-0160	EA		22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	380.96	187.67
			For 3" WG (Class B), Add	56.21	
			For 4" Or 6" WG (Class A), Add	149.88	
			For 24 Gauge, Add	1.25	
			For 22 Gauge, Add	2.88	
			For 20 Gauge, Add	4.69	
			For 18 Gauge, Add	7.19	
			For 16 Gauge, Add	8.75	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.63	
			For Work In Restricted Working Space, Add	112.41	
23 31 13 16-0161	EA		24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	429.15	211.51
			For 3" WG (Class B), Add	63.38	
			For 4" Or 6" WG (Class A), Add	169.02	
			For 24 Gauge, Add	1.32	
			For 22 Gauge, Add	3.04	
			For 20 Gauge, Add	4.95	
			For 18 Gauge, Add	7.59	
			For 16 Gauge, Add	9.24	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.88	
			For Work In Restricted Working Space, Add	126.77	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0162	Slip Joint, Galvanized, Spiral Duct Caps <small>(23 31 13 16-0074)</small>		
23 31 13 16-0163	EA 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	30.66	13.90
	For 3" WG (Class B), Add	4.03	
	For 4" Or 6" WG (Class A), Add	10.74	
	For 24 Gauge, Add	0.76	
	For 22 Gauge, Add	1.76	
	For 20 Gauge, Add	2.87	
	For 18 Gauge, Add	4.39	
	For 16 Gauge, Add	5.35	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.83	
	For Work In Restricted Working Space, Add	8.05	
23 31 13 16-0164	EA 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	44.00	19.86
	For 3" WG (Class B), Add	5.96	
	For 4" Or 6" WG (Class A), Add	15.89	
	For 24 Gauge, Add	0.86	
	For 22 Gauge, Add	1.97	
	For 20 Gauge, Add	3.21	
	For 18 Gauge, Add	4.92	
	For 16 Gauge, Add	5.99	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.17	
	For Work In Restricted Working Space, Add	11.92	
23 31 13 16-0165	EA 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	56.95	26.81
	For 3" WG (Class B), Add	7.84	
	For 4" Or 6" WG (Class A), Add	20.90	
	For 24 Gauge, Add	0.94	
	For 22 Gauge, Add	2.16	
	For 20 Gauge, Add	3.52	
	For 18 Gauge, Add	5.39	
	For 16 Gauge, Add	6.57	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.47	
	For Work In Restricted Working Space, Add	15.68	
23 31 13 16-0166	EA 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	71.41	33.76
	For 3" WG (Class B), Add	9.93	
	For 4" Or 6" WG (Class A), Add	26.48	
	For 24 Gauge, Add	1.04	
	For 22 Gauge, Add	2.40	
	For 20 Gauge, Add	3.91	
	For 18 Gauge, Add	5.99	
	For 16 Gauge, Add	7.29	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.86	
	For Work In Restricted Working Space, Add	19.86	
23 31 13 16-0167	EA 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	88.53	41.70
	For 3" WG (Class B), Add	12.41	
	For 4" Or 6" WG (Class A), Add	33.10	
	For 24 Gauge, Add	1.16	
	For 22 Gauge, Add	2.66	
	For 20 Gauge, Add	4.34	
	For 18 Gauge, Add	6.66	
	For 16 Gauge, Add	8.11	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.28	
	For Work In Restricted Working Space, Add	24.82	
23 31 13 16-0168	EA 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	96.63	45.68
	For 3" WG (Class B), Add	13.54	
	For 4" Or 6" WG (Class A), Add	36.11	
	For 24 Gauge, Add	1.27	
	For 22 Gauge, Add	2.93	
	For 20 Gauge, Add	4.77	
	For 18 Gauge, Add	7.31	
	For 16 Gauge, Add	8.90	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.71	
	For Work In Restricted Working Space, Add	27.08	
23 31 13 16-0169	EA 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	111.88	52.62
	For 3" WG (Class B), Add	15.68	
	For 4" Or 6" WG (Class A), Add	41.81	
	For 24 Gauge, Add	1.47	
	For 22 Gauge, Add	3.38	
	For 20 Gauge, Add	5.51	
	For 18 Gauge, Add	8.45	
	For 16 Gauge, Add	10.29	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.44	
	For Work In Restricted Working Space, Add	31.36	
23 31 13 16-0170	EA 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	157.16	66.53
	For 3" WG (Class B), Add	19.86	
	For 4" Or 6" WG (Class A), Add	52.96	
	For 24 Gauge, Add	4.95	
	For 22 Gauge, Add	11.39	
	For 20 Gauge, Add	18.57	
	For 18 Gauge, Add	28.47	
	For 16 Gauge, Add	34.66	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	18.32	
	For Work In Restricted Working Space, Add	39.72	
23 31 13 16-0171	EA 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	192.35	82.42
	For 3" WG (Class B), Add	24.83	
	For 4" Or 6" WG (Class A), Add	66.20	
	For 24 Gauge, Add	5.37	
	For 22 Gauge, Add	12.35	
	For 20 Gauge, Add	20.14	
	For 18 Gauge, Add	30.88	
	For 16 Gauge, Add	37.59	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.87	
	For Work In Restricted Working Space, Add	49.65	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI UOM		UNIT COST	UNIT COST

23 31 13 16-0172	EA 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	209.47	90.36
	For 3" WG (Class B), Add	27.08	
	For 4" Or 6" WG (Class A), Add	72.22	
	For 24 Gauge, Add	5.79	
	For 22 Gauge, Add	13.31	
	For 20 Gauge, Add	21.70	
	For 18 Gauge, Add	33.27	
	For 16 Gauge, Add	40.50	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.41	
	For Work In Restricted Working Space, Add	54.16	
23 31 13 16-0173	EA 24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	242.34	105.26
	For 3" WG (Class B), Add	31.69	
	For 4" Or 6" WG (Class A), Add	84.51	
	For 24 Gauge, Add	6.21	
	For 22 Gauge, Add	14.29	
	For 20 Gauge, Add	23.30	
	For 18 Gauge, Add	35.73	
	For 16 Gauge, Add	43.50	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.99	
	For Work In Restricted Working Space, Add	63.38	

23 31 13 19 Metal Duct Fittings (23 31 13)

23 31 13 19-0001 Sheet Metal Baffles (23 31 13 19)

23 31 13 19-0002	LF Sheet Metal Baffles Under Raised Floor.....	36.34	29.42
	For Work In Restricted Working Space, Add	10.76	
	For Elevated Installation >10' To 15', Add	3.59	
	For Elevated Installation >15' To 20', Add	7.17	
	For Elevated Installation >20' To 25', Add	8.96	
	For Elevated Installation >25' To 30', Add	12.55	
	For Elevated Installation >30' To 35', Add	14.34	
	For Elevated Installation >35' To 40', Add	17.93	
	For Elevated Installation >40', Add	19.72	

23 31 13 19-0003 Duct Register Boots (23 31 13 19)

23 31 13 19-0004	EA 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	31.64	13.45
	For Stainless Steel, Add	6.18	
23 31 13 19-0005	EA 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	31.64	13.45
	For Stainless Steel, Add	6.18	
23 31 13 19-0006	EA 12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	33.90	14.53
	For Stainless Steel, Add	6.32	
23 31 13 19-0007	EA 12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	33.90	14.53
	For Stainless Steel, Add	6.32	
23 31 13 19-0008	EA 12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	35.07	14.53
	For Stainless Steel, Add	7.84	
23 31 13 19-0009	EA 14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	36.64	15.60
	For Stainless Steel, Add	7.07	
23 31 13 19-0010	EA 14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	36.64	15.60
	For Stainless Steel, Add	7.07	
23 31 13 19-0011	EA 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	37.37	15.60
	For Stainless Steel, Add	8.02	
23 31 13 19-0012	EA 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	37.63	16.68
	For Stainless Steel, Add	5.56	
23 31 13 19-0013	EA 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	39.90	17.75
	For Stainless Steel, Add	5.72	
23 31 13 19-0014	EA 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	42.89	17.75
	For Stainless Steel, Add	9.61	
23 31 13 19-0015	EA 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	42.32	18.83
	For Stainless Steel, Add	6.07	
23 31 13 19-0016	EA 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	45.24	18.83
	For Stainless Steel, Add	9.87	
23 31 13 19-0017	EA 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel.....	33.19	14.53
	For Stainless Steel, Add	5.40	
23 31 13 19-0018	EA 12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	33.19	14.53
	For Stainless Steel, Add	5.40	
23 31 13 19-0019	EA 14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	35.82	15.60
	For Stainless Steel, Add	6.01	
23 31 13 19-0020	EA 14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel.....	36.52	15.60
	For Stainless Steel, Add	6.92	
23 31 13 19-0021	EA 10" x 4" x 6" Register Boot, Center, Galvanized Steel.....	37.72	16.68
	For Stainless Steel, Add	5.68	
23 31 13 19-0022	EA 12" x 4" x 6" Register Boot, Center, Galvanized Steel.....	39.99	17.75
	For Stainless Steel, Add	5.84	
23 31 13 19-0023	EA 12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	33.66	14.53
	For Stainless Steel, Add	6.01	
23 31 13 19-0024	EA 14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	36.11	15.60
	For Stainless Steel, Add	6.38	
23 31 13 19-0025	EA 10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	31.64	13.45
	For Stainless Steel, Add	6.18	
23 31 13 19-0026	EA 12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	33.90	14.53
	For Stainless Steel, Add	6.32	
23 31 13 19-0027	EA 14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel.....	36.64	15.60
	For Stainless Steel, Add	7.07	
23 31 13 19-0028	EA 14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	36.64	15.60
	For Stainless Steel, Add	7.07	
23 31 13 19-0029	EA 10" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	37.63	16.68
	For Stainless Steel, Add	5.56	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 19-0030	EA 12" x 4" x 6" Register Boot, Universal, Galvanized Steel <i>For Stainless Steel, Add</i>	39.90 5.72	17.75
23 31 13 19-0031	EA 12" x 4" x 7" Register Boot, Universal, Galvanized Steel <i>For Stainless Steel, Add</i>	42.89 9.61	17.75
23 31 13 19-0032	EA 14" x 4" x 7" Register Boot, Universal, Galvanized Steel <i>For Stainless Steel, Add</i>	45.04 9.61	18.83
23 31 13 23 Galvanized Steel Welded Duct (23 31 13)			
Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.			
23 31 13 23-0001	Welded Steel Ductwork (23 31 13 23) Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 23-0002	Galvanized Steel Welded Duct, For Kitchen (23 31 13 23-0001) Note: Also includes special exhaust systems and waste.		
23 31 13 23-0003	LB Galvanized Steel Welded Duct <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	19.90 1.49 5.36 1.79 3.58 4.47 6.26 7.15 8.94 9.83	8.92
23 31 13 23-0004	Black Steel Ductwork (23 31 13 23-0001)		
23 31 13 23-0005	LB Black Steel Ductwork <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	18.84 0.33 5.52 1.84 3.68 4.60 6.44 7.36 9.20 10.11	9.19
23 31 16 Nonmetal Ducts (23 31)			
23 31 16 13 Fibrous-Glass Ducts (23 31 16)			
23 31 16 13-0001	Glass Fiber Duct Board (23 31 16 13) Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.		
23 31 16 13-0002	SF 1" Glass Fiber Duct Board (EI-475)	8.68	1.84
23 31 16 13-0003	SF 1-1/2" Glass Fiber Duct Board (EI-800)	10.07	2.02
23 31 16 13-0004	SF 2" Glass Fiber Duct Board (EI-800)	11.54	2.22
23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts (23 31 16)			
23 31 16 16-0001	Fiber Reinforced Round Plastic Duct (23 31 16 16)		
23 31 16 16-0002	Fiber Reinforced Round Plastic Duct (23 31 16 16-0001)		
23 31 16 16-0003	LF 2" Fiber Reinforced Plastic Duct	14.13	4.99
23 31 16 16-0004	LF 3" Fiber Reinforced Plastic Duct	17.58	5.84
23 31 16 16-0005	LF 4" Fiber Reinforced Plastic Duct	24.04	8.57
23 31 16 16-0006	LF 6" Fiber Reinforced Plastic Duct	31.70	10.83
23 31 16 16-0007	LF 8" Fiber Reinforced Plastic Duct	40.11	13.56
23 31 16 16-0008	LF 10" Fiber Reinforced Plastic Duct	48.36	16.29
23 31 16 16-0009	LF 12" Fiber Reinforced Plastic Duct	54.64	19.02
23 31 16 16-0010	LF 14" Fiber Reinforced Plastic Duct	62.08	20.81
23 31 16 16-0011	LF 16" Fiber Reinforced Plastic Duct	66.99	22.13
23 31 16 16-0012	LF 18" Fiber Reinforced Plastic Duct	82.48	24.86
23 31 16 16-0013	LF 20" Fiber Reinforced Plastic Duct	86.92	26.65
23 31 16 16-0014	LF 24" Fiber Reinforced Plastic Duct	105.84	28.44
23 31 16 16-0015	LF 30" Fiber Reinforced Plastic Duct	121.34	32.96
23 31 16 16-0016	LF 36" Fiber Reinforced Plastic Duct	140.61	39.74
23 31 16 16-0017	LF 42" Fiber Reinforced Plastic Duct	185.29	44.26
23 31 16 16-0018	LF 48" Fiber Reinforced Plastic Duct	207.61	49.73
23 31 16 16-0019	LF 54" Fiber Reinforced Plastic Duct	231.16	56.98
23 31 16 16-0020	LF 60" Fiber Reinforced Plastic Duct	262.90	66.49
23 31 16 16-0021	LF 66" Fiber Reinforced Plastic Duct	285.11	81.37
23 31 16 16-0022	LF 72" Fiber Reinforced Plastic Duct	347.96	99.45
23 31 16 16-0023	Fiber Reinforced Plastic Bell (23 31 16 16-0001)		
23 31 16 16-0024	EA 2" Fiber Reinforced Plastic Bell	59.36	20.25
23 31 16 16-0025	EA 3" Fiber Reinforced Plastic Bell	71.62	24.02
23 31 16 16-0026	EA 4" Fiber Reinforced Plastic Bell	82.45	28.25
23 31 16 16-0027	EA 6" Fiber Reinforced Plastic Bell	108.36	37.67
23 31 16 16-0028	EA 8" Fiber Reinforced Plastic Bell	131.91	47.09
23 31 16 16-0029	EA 10" Fiber Reinforced Plastic Bell	153.11	56.50
23 31 16 16-0030	EA 12" Fiber Reinforced Plastic Bell	189.86	70.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 16 16-0031	EA		14" Fiber Reinforced Plastic Bell.....	203.04	75.34
23 31 16 16-0032	EA		16" Fiber Reinforced Plastic Bell.....	220.00	80.52
23 31 16 16-0033	EA		18" Fiber Reinforced Plastic Bell.....	236.97	86.64
23 31 16 16-0034	EA		20" Fiber Reinforced Plastic Bell.....	259.12	94.17
23 31 16 16-0035	EA		24" Fiber Reinforced Plastic Bell.....	301.54	103.59
23 31 16 16-0036	EA		30" Fiber Reinforced Plastic Bell.....	351.03	113.01
23 31 16 16-0037	EA		36" Fiber Reinforced Plastic Bell.....	398.17	127.14
23 31 16 16-0038	EA		42" Fiber Reinforced Plastic Bell.....	445.29	141.26
23 31 16 16-0039	EA		48" Fiber Reinforced Plastic Bell.....	492.40	155.39
23 31 16 16-0040	EA		54" Fiber Reinforced Plastic Bell.....	612.59	188.35
23 31 16 16-0041	EA		60" Fiber Reinforced Plastic Bell.....	730.35	235.44
23 31 16 16-0042	EA		66" Fiber Reinforced Plastic Bell.....	876.37	282.52
23 31 16 16-0043	EA		72" Fiber Reinforced Plastic Bell.....	1,003.73	320.20

23 31 16 16-0044 Fiber Reinforced Plastic Flange (23 31 16 16-0001)

23 31 16 16-0045	EA		2" Fiber Reinforced Plastic Flange.....	97.10	20.25
23 31 16 16-0046	EA		3" Fiber Reinforced Plastic Flange.....	111.72	24.02
23 31 16 16-0047	EA		4" Fiber Reinforced Plastic Flange.....	127.27	28.25
23 31 16 16-0048	EA		6" Fiber Reinforced Plastic Flange.....	164.98	37.67
23 31 16 16-0049	EA		8" Fiber Reinforced Plastic Flange.....	200.32	47.09
23 31 16 16-0050	EA		10" Fiber Reinforced Plastic Flange.....	235.67	56.50
23 31 16 16-0051	EA		12" Fiber Reinforced Plastic Flange.....	277.14	70.16
23 31 16 16-0052	EA		14" Fiber Reinforced Plastic Flange.....	309.20	75.34
23 31 16 16-0053	EA		16" Fiber Reinforced Plastic Flange.....	337.95	80.52
23 31 16 16-0054	EA		18" Fiber Reinforced Plastic Flange.....	359.63	86.64
23 31 16 16-0055	EA		20" Fiber Reinforced Plastic Flange.....	377.06	94.17
23 31 16 16-0056	EA		24" Fiber Reinforced Plastic Flange.....	443.07	103.59
23 31 16 16-0057	EA		30" Fiber Reinforced Plastic Flange.....	487.85	113.01
23 31 16 16-0058	EA		36" Fiber Reinforced Plastic Flange.....	603.40	127.14
23 31 16 16-0059	EA		42" Fiber Reinforced Plastic Flange.....	671.75	141.26
23 31 16 16-0060	EA		48" Fiber Reinforced Plastic Flange.....	763.67	155.39
23 31 16 16-0061	EA		54" Fiber Reinforced Plastic Flange.....	895.66	188.35
23 31 16 16-0062	EA		60" Fiber Reinforced Plastic Flange.....	1,067.67	235.44
23 31 16 16-0063	EA		66" Fiber Reinforced Plastic Flange.....	1,239.65	282.52
23 31 16 16-0064	EA		72" Fiber Reinforced Plastic Flange.....	1,418.90	320.20

23 31 16 16-0065 Fiber Reinforced Plastic 90 Degree Elbow (23 31 16 16-0001)

23 31 16 16-0066	EA		2" Fiber Reinforced Plastic 90 Degree Elbow	159.21	48.78
23 31 16 16-0067	EA		3" Fiber Reinforced Plastic 90 Degree Elbow	186.83	58.29
23 31 16 16-0068	EA		4" Fiber Reinforced Plastic 90 Degree Elbow	216.80	67.81
23 31 16 16-0069	EA		6" Fiber Reinforced Plastic 90 Degree Elbow	280.41	90.41
23 31 16 16-0070	EA		8" Fiber Reinforced Plastic 90 Degree Elbow	344.04	113.01
23 31 16 16-0071	EA		10" Fiber Reinforced Plastic 90 Degree Elbow	407.68	135.61
23 31 16 16-0072	EA		12" Fiber Reinforced Plastic 90 Degree Elbow	500.43	168.67
23 31 16 16-0073	EA		14" Fiber Reinforced Plastic 90 Degree Elbow	568.88	178.55
23 31 16 16-0074	EA		16" Fiber Reinforced Plastic 90 Degree Elbow	648.75	193.90
23 31 16 16-0075	EA		18" Fiber Reinforced Plastic 90 Degree Elbow	775.91	207.93
23 31 16 16-0076	EA		20" Fiber Reinforced Plastic 90 Degree Elbow	895.72	226.02
23 31 16 16-0077	EA		24" Fiber Reinforced Plastic 90 Degree Elbow	1,039.54	248.62
23 31 16 16-0078	EA		30" Fiber Reinforced Plastic 90 Degree Elbow	1,407.41	271.23
23 31 16 16-0079	EA		36" Fiber Reinforced Plastic 90 Degree Elbow	1,806.01	305.12
23 31 16 16-0080	EA		42" Fiber Reinforced Plastic 90 Degree Elbow	2,381.48	339.13
23 31 16 16-0081	EA		48" Fiber Reinforced Plastic 90 Degree Elbow	2,827.27	373.02
23 31 16 16-0082	EA		54" Fiber Reinforced Plastic 90 Degree Elbow	3,348.18	452.03
23 31 16 16-0083	EA		60" Fiber Reinforced Plastic 90 Degree Elbow	4,055.49	565.04
23 31 16 16-0084	EA		66" Fiber Reinforced Plastic 90 Degree Elbow	4,762.44	677.87
23 31 16 16-0085	EA		72" Fiber Reinforced Plastic 90 Degree Elbow	5,431.90	768.18

23 31 16 16-0086 Fiber Reinforced Plastic 45 Degree Elbow (23 31 16 16-0001)

23 31 16 16-0087	EA		2" Fiber Reinforced Plastic 45 Degree Elbow	133.26	48.78
23 31 16 16-0088	EA		3" Fiber Reinforced Plastic 45 Degree Elbow	156.16	58.29
23 31 16 16-0089	EA		4" Fiber Reinforced Plastic 45 Degree Elbow	181.40	67.81
23 31 16 16-0090	EA		6" Fiber Reinforced Plastic 45 Degree Elbow	228.51	90.41
23 31 16 16-0091	EA		8" Fiber Reinforced Plastic 45 Degree Elbow	275.63	113.01
23 31 16 16-0092	EA		10" Fiber Reinforced Plastic 45 Degree Elbow	327.53	135.61
23 31 16 16-0093	EA		12" Fiber Reinforced Plastic 45 Degree Elbow	403.77	168.67
23 31 16 16-0094	EA		14" Fiber Reinforced Plastic 45 Degree Elbow	439.06	178.55
23 31 16 16-0095	EA		16" Fiber Reinforced Plastic 45 Degree Elbow	525.91	193.81
23 31 16 16-0096	EA		18" Fiber Reinforced Plastic 45 Degree Elbow	606.32	208.12
23 31 16 16-0097	EA		20" Fiber Reinforced Plastic 45 Degree Elbow	702.23	226.02
23 31 16 16-0098	EA		24" Fiber Reinforced Plastic 45 Degree Elbow	810.29	248.44
23 31 16 16-0099	EA		30" Fiber Reinforced Plastic 45 Degree Elbow	1,029.65	271.04
23 31 16 16-0100	EA		36" Fiber Reinforced Plastic 45 Degree Elbow	1,261.54	305.41
23 31 16 16-0101	EA		42" Fiber Reinforced Plastic 45 Degree Elbow	1,610.53	339.31
23 31 16 16-0102	EA		48" Fiber Reinforced Plastic 45 Degree Elbow	1,895.51	373.02
23 31 16 16-0103	EA		54" Fiber Reinforced Plastic 45 Degree Elbow	2,258.37	452.03
23 31 16 16-0104	EA		60" Fiber Reinforced Plastic 45 Degree Elbow	2,706.20	565.04
23 31 16 16-0105	EA		66" Fiber Reinforced Plastic 45 Degree Elbow	3,179.81	676.55
23 31 16 16-0106	EA		72" Fiber Reinforced Plastic 45 Degree Elbow	3,593.35	768.93

23 31 16 16-0107 Fiber Reinforced Plastic Tee (23 31 16 16-0001)



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	203.86		72.80
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	240.51		87.67
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	275.66		101.70
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	355.78		135.61
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	434.38		168.67
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	517.44		204.36
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	625.13		247.68
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	682.63		268.02
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	791.89		291.19
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	897.26		311.91
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,036.91		339.13
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,187.84		373.02
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,420.95		406.74
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,706.73		457.88
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,263.14		508.73
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,701.97		559.68
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,253.83		678.52
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	3,890.02		847.95
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,525.69		1,016.99
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,106.45		1,153.17
23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)					
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	168.47		72.80
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	198.03		87.67
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	226.14		101.70
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	287.43		135.61
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	347.16		168.67
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	416.05		204.36
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	497.97		247.86
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	540.68		267.84
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	593.95		291.28
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	642.97		312.19
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	702.36		339.31
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	777.39		373.02
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	859.16		406.55
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	970.25		457.60
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,084.31		509.01
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,191.90		559.49
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,422.43		676.55
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,734.18		849.45
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,097.23		1,017.74
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,346.53		1,153.17
23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)					
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	142.73		48.88
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	168.01		58.39
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	197.98		67.81
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	254.46		90.41
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	306.29		113.01
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	368.45		136.17
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	436.80		168.67
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	467.37		178.55
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	516.47		193.81
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	568.58		208.12
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	636.18		226.02
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	726.23		248.90
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	816.03		271.69
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	924.22		305.41
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,032.60		339.31
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,164.25		373.02
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,378.50		452.03
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,642.33		565.04
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,835.24		676.55
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,060.07		768.93
23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer (23 31 16 16-0001)					
23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	171.04		48.88
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	186.88		58.39
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	216.85		67.81
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	280.41		90.41
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	344.04		113.01
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	408.56		136.17
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	488.69		168.67
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	533.42		178.55
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	582.52		193.81
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	658.21		208.12
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	834.33		226.02
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,016.38		248.90
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,089.66		271.69
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,240.31		305.41
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,343.98		339.31
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,470.90		373.02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 16 16-0187	EA		54" Fiber Reinforced Plastic Two Piece Reducer	1,626.18	452.03
23 31 16 16-0188	EA		60" Fiber Reinforced Plastic Two Piece Reducer	1,875.86	565.04
23 31 16 16-0189	EA		66" Fiber Reinforced Plastic Two Piece Reducer	2,094.72	676.55
23 31 16 16-0190	EA		72" Fiber Reinforced Plastic Two Piece Reducer	2,295.96	768.93

23 31 16 16-0191 **Fiber Reinforced Plastic Butterfly Dampers** (23 31 16 16-0001)

23 31 16 16-0192	EA		2" Fiber Reinforced Plastic Damper.....	305.46	48.78
23 31 16 16-0193	EA		3" Fiber Reinforced Plastic Damper.....	344.87	58.29
23 31 16 16-0194	EA		4" Fiber Reinforced Plastic Damper.....	384.28	67.81
23 31 16 16-0195	EA		6" Fiber Reinforced Plastic Damper.....	457.33	90.41
23 31 16 16-0196	EA		8" Fiber Reinforced Plastic Damper.....	542.19	113.01
23 31 16 16-0197	EA		10" Fiber Reinforced Plastic Damper.....	615.26	135.61
23 31 16 16-0198	EA		12" Fiber Reinforced Plastic Damper.....	705.65	168.67
23 31 16 16-0199	EA		14" Fiber Reinforced Plastic Damper.....	781.18	178.55
23 31 16 16-0200	EA		16" Fiber Reinforced Plastic Damper.....	865.77	193.90
23 31 16 16-0201	EA		18" Fiber Reinforced Plastic Damper.....	948.11	207.93
23 31 16 16-0202	EA		20" Fiber Reinforced Plastic Damper.....	1,013.66	226.02
23 31 16 16-0203	EA		24" Fiber Reinforced Plastic Damper.....	1,145.69	248.62
23 31 16 16-0204	EA		30" Fiber Reinforced Plastic Damper.....	1,324.85	271.23
23 31 16 16-0205	EA		36" Fiber Reinforced Plastic Damper.....	1,522.94	305.12
23 31 16 16-0206	EA		42" Fiber Reinforced Plastic Damper.....	1,744.58	339.13
23 31 16 16-0207	EA		48" Fiber Reinforced Plastic Damper.....	1,942.68	373.02
23 31 16 16-0208	EA		54" Fiber Reinforced Plastic Damper.....	2,286.67	452.03
23 31 16 16-0209	EA		60" Fiber Reinforced Plastic Damper.....	2,687.33	565.04
23 31 16 16-0210	EA		66" Fiber Reinforced Plastic Damper.....	3,064.03	677.87
23 31 16 16-0211	EA		72" Fiber Reinforced Plastic Damper.....	3,521.20	768.18

23 33 **Air Duct Accessories** (23 30)

23 33 13 **Dampers** (23 33)

23 33 13 13 **Volume-Control Dampers** (23 33 13)

23 33 13 13-0001 **Radial Opposed Blade Damper Steel Construction** (23 33 13 13)

23 33 13 13-0002	EA		6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	49.97	8.61
			For Stainless Steel, Add	21.55	
			For Parallel Blade Damper, Add	6.63	
23 33 13 13-0003	EA		7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	55.55	9.68
			For Stainless Steel, Add	21.87	
			For Parallel Blade Damper, Add	6.73	
23 33 13 13-0004	EA		8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	62.02	10.76
			For Stainless Steel, Add	22.09	
			For Parallel Blade Damper, Add	6.80	
23 33 13 13-0005	EA		10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	67.71	12.91
			For Stainless Steel, Add	23.48	
			For Parallel Blade Damper, Add	7.22	
23 33 13 13-0006	EA		12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	74.44	13.98
			For Stainless Steel, Add	24.86	
			For Parallel Blade Damper, Add	7.65	
23 33 13 13-0007	EA		14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	84.94	15.06
			For Stainless Steel, Add	31.76	
			For Parallel Blade Damper, Add	9.77	
23 33 13 13-0008	EA		15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	93.33	16.14
			For Stainless Steel, Add	34.52	
			For Parallel Blade Damper, Add	10.62	
23 33 13 13-0009	EA		16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	99.33	18.29
			For Stainless Steel, Add	35.89	
			For Parallel Blade Damper, Add	11.04	
23 33 13 13-0010	EA		18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	108.26	19.36
			For Stainless Steel, Add	40.04	
			For Parallel Blade Damper, Add	12.32	
23 33 13 13-0011	EA		20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	122.44	21.51
			For Stainless Steel, Add	49.71	
			For Parallel Blade Damper, Add	15.30	
23 33 13 13-0012	EA		24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	131.56	21.51
			For Stainless Steel, Add	56.60	
			For Parallel Blade Damper, Add	17.42	
23 33 13 13-0013	EA		30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	147.81	24.74
			For Stainless Steel, Add	66.27	
			For Parallel Blade Damper, Add	20.39	
23 33 13 13-0014	EA		36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	157.47	25.82
			For Stainless Steel, Add	72.22	
			For Parallel Blade Damper, Add	22.22	

23 33 13 13-0015 **Rectangular Opposed Blade Damper** (23 33 13 13)

23 33 13 13-0016	EA		6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	73.63	11.97
			For Stainless Steel, Add	49.05	
			For Parallel Blade Damper, Add	15.09	
23 33 13 13-0017	EA		8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.93	12.50
			For Stainless Steel, Add	52.53	
			For Parallel Blade Damper, Add	16.16	
23 33 13 13-0018	EA		8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	80.85	12.61
			For Stainless Steel, Add	56.04	
			For Parallel Blade Damper, Add	17.24	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for item number, description, and costs. Rows include items like 'EA 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation' with associated 'TOTAL DIRECT UNIT COST' and 'DEMOLITION UNIT COST'.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	164.42 115.64 35.58	25.13
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	175.20 122.63 37.73	26.96
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	185.96 129.61 39.88	28.69
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	121.28 87.58 26.95	18.01
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	134.76 98.10 30.18	19.73
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	145.56 105.12 32.34	21.57
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	159.04 115.64 35.58	23.29
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	168.45 120.87 37.19	25.13
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	177.89 126.13 38.81	26.96
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	191.36 136.63 42.04	28.69
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	210.21 147.12 45.27	32.34
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	231.81 161.17 49.59	35.90
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	134.76 98.10 30.18	19.73
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	145.56 105.12 32.34	21.57
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	159.04 115.64 35.58	23.29
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	169.80 122.63 37.73	25.13
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	181.92 131.37 40.42	26.96
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	194.04 140.11 43.11	28.69
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	212.91 150.63 46.35	32.34
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	231.81 161.17 49.59	35.90
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	253.35 182.17 56.05	37.74
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	277.60 199.68 61.44	41.30
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	153.65 115.64 35.58	21.57
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	161.72 119.12 36.65	23.29
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	169.80 122.63 37.73	25.13
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	180.57 129.61 39.88	26.96
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	194.56 140.79 43.32	28.69
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	212.91 150.63 46.35	32.34
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	234.51 164.68 50.67	35.90
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	256.05 178.69 54.98	39.46

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0079 EA 32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	277.60	41.30
<i>For Stainless Steel, Add</i>	199.68	
<i>For Parallel Blade Damper, Add</i>	61.44	
23 33 13 13-0080 EA 32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	305.10	44.20
<i>For Stainless Steel, Add</i>	224.22	
<i>For Parallel Blade Damper, Add</i>	68.99	
23 33 13 13-0081 EA 32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	334.22	46.69
<i>For Stainless Steel, Add</i>	252.27	
<i>For Parallel Blade Damper, Add</i>	77.62	
23 33 13 13-0082 EA 36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	167.11	23.29
<i>For Stainless Steel, Add</i>	126.13	
<i>For Parallel Blade Damper, Add</i>	38.81	
23 33 13 13-0083 EA 36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.87	25.13
<i>For Stainless Steel, Add</i>	133.12	
<i>For Parallel Blade Damper, Add</i>	40.96	
23 33 13 13-0084 EA 36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.65	26.96
<i>For Stainless Steel, Add</i>	140.11	
<i>For Parallel Blade Damper, Add</i>	43.11	
23 33 13 13-0085 EA 36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.13	28.69
<i>For Stainless Steel, Add</i>	150.63	
<i>For Parallel Blade Damper, Add</i>	46.35	
23 33 13 13-0086 EA 36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.98	32.34
<i>For Stainless Steel, Add</i>	155.92	
<i>For Parallel Blade Damper, Add</i>	47.98	
23 33 13 13-0087 EA 36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.41	34.07
<i>For Stainless Steel, Add</i>	161.17	
<i>For Parallel Blade Damper, Add</i>	49.59	
23 33 13 13-0088 EA 36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.05	39.46
<i>For Stainless Steel, Add</i>	178.69	
<i>For Parallel Blade Damper, Add</i>	54.98	
23 33 13 13-0089 EA 36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	280.29	43.13
<i>For Stainless Steel, Add</i>	196.17	
<i>For Parallel Blade Damper, Add</i>	60.36	
23 33 13 13-0090 EA 36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	300.79	44.53
<i>For Stainless Steel, Add</i>	217.22	
<i>For Parallel Blade Damper, Add</i>	66.84	
23 33 13 13-0091 EA 36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	332.04	47.76
<i>For Stainless Steel, Add</i>	245.22	
<i>For Parallel Blade Damper, Add</i>	75.45	
23 33 13 13-0092 EA 36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	358.46	50.25
<i>For Stainless Steel, Add</i>	269.75	
<i>For Parallel Blade Damper, Add</i>	83.00	
23 33 13 13-0093 EA 36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	385.41	52.07
<i>For Stainless Steel, Add</i>	297.78	
<i>For Parallel Blade Damper, Add</i>	91.62	
23 33 13 13-0094 EA 40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	175.17	26.96
<i>For Stainless Steel, Add</i>	129.61	
<i>For Parallel Blade Damper, Add</i>	39.88	
23 33 13 13-0095 EA 40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	191.34	28.69
<i>For Stainless Steel, Add</i>	143.61	
<i>For Parallel Blade Damper, Add</i>	44.19	
23 33 13 13-0096 EA 40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	199.43	30.52
<i>For Stainless Steel, Add</i>	147.12	
<i>For Parallel Blade Damper, Add</i>	45.27	
23 33 13 13-0097 EA 40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	207.52	32.34
<i>For Stainless Steel, Add</i>	150.63	
<i>For Parallel Blade Damper, Add</i>	46.35	
23 33 13 13-0098 EA 40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.74	34.07
<i>For Stainless Steel, Add</i>	162.90	
<i>For Parallel Blade Damper, Add</i>	50.12	
23 33 13 13-0099 EA 40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.58	35.90
<i>For Stainless Steel, Add</i>	175.18	
<i>For Parallel Blade Damper, Add</i>	53.90	
23 33 13 13-0100 EA 40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	269.53	41.30
<i>For Stainless Steel, Add</i>	189.19	
<i>For Parallel Blade Damper, Add</i>	58.21	
23 33 13 13-0101 EA 40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	291.10	44.86
<i>For Stainless Steel, Add</i>	203.22	
<i>For Parallel Blade Damper, Add</i>	62.53	
23 33 13 13-0102 EA 40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	315.89	47.76
<i>For Stainless Steel, Add</i>	224.22	
<i>For Parallel Blade Damper, Add</i>	68.99	
23 33 13 13-0103 EA 40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	353.08	50.25
<i>For Stainless Steel, Add</i>	262.76	
<i>For Parallel Blade Damper, Add</i>	80.85	
23 33 13 13-0104 EA 40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	377.85	53.16
<i>For Stainless Steel, Add</i>	283.75	
<i>For Parallel Blade Damper, Add</i>	87.31	
23 33 13 13-0105 EA 40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.82	54.56
<i>For Stainless Steel, Add</i>	322.31	
<i>For Parallel Blade Damper, Add</i>	99.17	
23 33 13 13-0106 EA 40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	447.40	57.47
<i>For Stainless Steel, Add</i>	357.34	
<i>For Parallel Blade Damper, Add</i>	109.95	
23 33 13 13-0107 EA 44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	185.97	26.96
<i>For Stainless Steel, Add</i>	136.63	
<i>For Parallel Blade Damper, Add</i>	42.04	
23 33 13 13-0108 EA 44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.13	28.69
<i>For Stainless Steel, Add</i>	150.63	
<i>For Parallel Blade Damper, Add</i>	46.35	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.63		30.52
		For Stainless Steel, Add	161.17		
		For Parallel Blade Damper, Add	49.59		
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.72		32.34
		For Stainless Steel, Add	164.68		
		For Parallel Blade Damper, Add	50.67		
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.88		34.07
		For Stainless Steel, Add	178.69		
		For Parallel Blade Damper, Add	54.98		
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.05		35.90
		For Stainless Steel, Add	192.69		
		For Parallel Blade Damper, Add	59.29		
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	291.10		43.13
		For Stainless Steel, Add	210.22		
		For Parallel Blade Damper, Add	64.68		
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	315.33		46.69
		For Stainless Steel, Add	227.71		
		For Parallel Blade Damper, Add	70.06		
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	353.08		50.25
		For Stainless Steel, Add	262.76		
		For Parallel Blade Damper, Add	80.85		
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	388.11		53.91
		For Stainless Steel, Add	294.29		
		For Parallel Blade Damper, Add	90.55		
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	425.82		57.47
		For Stainless Steel, Add	329.29		
		For Parallel Blade Damper, Add	101.32		
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.46		59.19
		For Stainless Steel, Add	360.83		
		For Parallel Blade Damper, Add	111.02		
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	485.12		61.03
		For Stainless Steel, Add	392.37		
		For Parallel Blade Damper, Add	120.73		
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	514.77		62.86
		For Stainless Steel, Add	423.90		
		For Parallel Blade Damper, Add	130.43		
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	199.43		28.69
		For Stainless Steel, Add	147.12		
		For Parallel Blade Damper, Add	45.27		
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.63		30.52
		For Stainless Steel, Add	161.17		
		For Parallel Blade Damper, Add	49.59		
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.72		32.34
		For Stainless Steel, Add	164.68		
		For Parallel Blade Damper, Add	50.67		
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.58		35.90
		For Stainless Steel, Add	175.18		
		For Parallel Blade Damper, Add	53.90		
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	264.13		39.46
		For Stainless Steel, Add	189.19		
		For Parallel Blade Damper, Add	58.21		
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	285.71		43.13
		For Stainless Steel, Add	203.22		
		For Parallel Blade Damper, Add	62.53		
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	312.65		46.69
		For Stainless Steel, Add	224.22		
		For Parallel Blade Damper, Add	68.99		
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	339.59		50.25
		For Stainless Steel, Add	245.22		
		For Parallel Blade Damper, Add	75.45		
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	374.62		53.91
		For Stainless Steel, Add	276.76		
		For Parallel Blade Damper, Add	85.16		
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	415.05		57.47
		For Stainless Steel, Add	315.29		
		For Parallel Blade Damper, Add	97.01		
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	444.71		59.19
		For Stainless Steel, Add	346.85		
		For Parallel Blade Damper, Add	106.72		
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	482.43		61.03
		For Stainless Steel, Add	388.87		
		For Parallel Blade Damper, Add	119.65		
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	517.48		64.59
		For Stainless Steel, Add	420.41		
		For Parallel Blade Damper, Add	129.36		
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	555.19		66.42
		For Stainless Steel, Add	462.44		
		For Parallel Blade Damper, Add	142.29		
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	592.93		71.82
		For Stainless Steel, Add	490.46		
		For Parallel Blade Damper, Add	150.91		
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.93		30.52
		For Stainless Steel, Add	157.66		
		For Parallel Blade Damper, Add	48.51		
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	229.10		32.34
		For Stainless Steel, Add	171.68		
		For Parallel Blade Damper, Add	52.82		
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	250.66		35.90
		For Stainless Steel, Add	185.68		
		For Parallel Blade Damper, Add	57.13		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33	13	13-0139	EA 52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	264.13 189.19 58.21	39.46
23 33	13	13-0140	EA 52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	287.06 204.97 63.07	43.13
23 33	13	13-0141	EA 52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	309.96 220.73 67.92	46.69
23 33	13	13-0142	EA 52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	336.91 241.74 74.38	50.25
23 33	13	13-0143	EA 52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	363.85 262.76 80.85	53.91
23 33	13	13-0144	EA 52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	398.90 294.29 90.55	57.47
23 33	13	13-0145	EA 52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	442.00 336.31 103.48	61.03
23 33	13	13-0146	EA 52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	474.33 371.33 114.26	62.86
23 33	13	13-0147	EA 52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	514.78 416.90 128.28	64.59
23 33	13	13-0148	EA 52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	557.86 458.90 141.20	68.26
23 33	13	13-0149	EA 52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	592.93 490.46 150.91	71.82
23 33	13	13-0150	EA 52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	641.44 532.51 163.85	77.20
23 33	13	13-0151	EA 52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	679.18 567.55 174.63	80.76
23 33	13	13-0152	EA 56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	223.72 164.68 50.67	32.34
23 33	13	13-0153	EA 56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	247.96 182.17 56.05	35.90
23 33	13	13-0154	EA 56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	266.82 192.69 59.29	39.46
23 33	13	13-0155	EA 56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	280.29 196.17 60.36	43.13
23 33	13	13-0156	EA 56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	305.91 215.46 66.30	46.69
23 33	13	13-0157	EA 56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	331.52 234.73 72.22	50.25
23 33	13	13-0158	EA 56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	357.11 253.99 78.15	53.91
23 33	13	13-0159	EA 56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	382.72 273.26 84.08	57.47
23 33	13	13-0160	EA 56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	425.83 315.29 97.01	61.03
23 33	13	13-0161	EA 56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	463.57 357.34 109.95	62.86
23 33	13	13-0162	EA 56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	498.61 395.88 121.81	64.59
23 33	13	13-0163	EA 56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	547.11 444.93 136.90	68.26
23 33	13	13-0164	EA 56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	590.24 486.97 149.84	71.82
23 33	13	13-0165	EA 56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	636.05 532.51 163.85	75.37
23 33	13	13-0166	EA 56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	673.80 567.55 174.63	79.03
23 33	13	13-0167	EA 56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	719.60 613.09 188.64	82.59
23 33	13	13-0168	EA 56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	765.42 658.63 202.66	86.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0169	EA		60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 242.58		35.90
			For Stainless Steel, Add	175.18	
			For Parallel Blade Damper, Add	53.90	
23 33 13 13-0170	EA		60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 266.82		39.46
			For Stainless Steel, Add	192.69	
			For Parallel Blade Damper, Add	59.29	
23 33 13 13-0171	EA		60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 282.99		43.13
			For Stainless Steel, Add	199.68	
			For Parallel Blade Damper, Add	61.44	
23 33 13 13-0172	EA		60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 296.49		46.69
			For Stainless Steel, Add	203.22	
			For Parallel Blade Damper, Add	62.53	
23 33 13 13-0173	EA		60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 323.44		50.25
			For Stainless Steel, Add	224.22	
			For Parallel Blade Damper, Add	68.99	
23 33 13 13-0174	EA		60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 350.36		53.91
			For Stainless Steel, Add	245.22	
			For Parallel Blade Damper, Add	75.45	
23 33 13 13-0175	EA		60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 378.67		57.47
			For Stainless Steel, Add	268.00	
			For Parallel Blade Damper, Add	82.46	
23 33 13 13-0176	EA		60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 406.97		61.03
			For Stainless Steel, Add	290.77	
			For Parallel Blade Damper, Add	89.47	
23 33 13 13-0177	EA		60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 447.39		62.86
			For Stainless Steel, Add	336.31	
			For Parallel Blade Damper, Add	103.48	
23 33 13 13-0178	EA		60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 485.12		64.59
			For Stainless Steel, Add	378.34	
			For Parallel Blade Damper, Add	116.41	
23 33 13 13-0179	EA		60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 530.94		68.26
			For Stainless Steel, Add	423.90	
			For Parallel Blade Damper, Add	130.43	
23 33 13 13-0180	EA		60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 576.77		71.82
			For Stainless Steel, Add	469.46	
			For Parallel Blade Damper, Add	144.45	
23 33 13 13-0181	EA		60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 614.49		75.37
			For Stainless Steel, Add	504.48	
			For Parallel Blade Damper, Add	155.22	
23 33 13 13-0182	EA		60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 668.38		79.03
			For Stainless Steel, Add	560.51	
			For Parallel Blade Damper, Add	172.46	
23 33 13 13-0183	EA		60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 716.88		82.59
			For Stainless Steel, Add	609.56	
			For Parallel Blade Damper, Add	187.56	
23 33 13 13-0184	EA		60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 765.42		86.15
			For Stainless Steel, Add	658.63	
			For Parallel Blade Damper, Add	202.66	
23 33 13 13-0185	EA		60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 808.50		89.82
			For Stainless Steel, Add	700.62	
			For Parallel Blade Damper, Add	215.58	
23 33 13 13-0186	EA		60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 851.66		93.37
			For Stainless Steel, Add	742.70	
			For Parallel Blade Damper, Add	228.52	

23 33 13 16 Fire Dampers (23 33 13)
23 33 13 16-0001 Fire Dampers (23 33 13 16)

23 33 13 16-0002	SF		Curtain Type, Vertical, Fire Damper 60.51		11.65
			For Smoke Damper, Add	21.65	
			For Horizontal, Add	3.82	
			For Dynamic Damper, Add	5.73	
			For 3 Hour Rated, Add	5.09	
23 33 13 16-0003	SF		Louver Type, Vertical, Fire Damper 74.41		11.65
			For Smoke Damper, Add	33.46	
			For Horizontal, Add	5.91	
			For Dynamic Damper, Add	8.86	
			For 3 Hour Rated, Add	7.87	

23 33 13 16-0004 Folding Curtain Fire Dampers (23 33 13 16)

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA		6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 52.30		11.97
			For Horizontal, Add	2.46	
			For Dynamic Damper, Add	3.69	
			For 3 Hour Rated, Add	3.28	
			For Damper Blades Outside Air Stream, Add	4.92	
23 33 13 16-0006	EA		8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 55.08		12.50
			For Horizontal, Add	2.63	
			For Dynamic Damper, Add	3.95	
			For 3 Hour Rated, Add	3.51	
			For Damper Blades Outside Air Stream, Add	5.27	
23 33 13 16-0007	EA		8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 56.48		12.61
			For Horizontal, Add	2.81	
			For Dynamic Damper, Add	4.22	
			For 3 Hour Rated, Add	3.75	
			For Damper Blades Outside Air Stream, Add	5.62	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.48	12.61
		<i>For Horizontal, Add</i>	2.81	
		<i>For Dynamic Damper, Add</i>	4.22	
		<i>For 3 Hour Rated, Add</i>	3.75	
		<i>For Damper Blades Outside Air Stream, Add</i>	5.62	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	58.73	12.94
		<i>For Horizontal, Add</i>	2.99	
		<i>For Dynamic Damper, Add</i>	4.48	
		<i>For 3 Hour Rated, Add</i>	3.98	
		<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.38	14.34
		<i>For Horizontal, Add</i>	3.34	
		<i>For Dynamic Damper, Add</i>	5.01	
		<i>For 3 Hour Rated, Add</i>	4.45	
		<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	58.73	12.94
		<i>For Horizontal, Add</i>	2.99	
		<i>For Dynamic Damper, Add</i>	4.48	
		<i>For 3 Hour Rated, Add</i>	3.98	
		<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.22	13.69
		<i>For Horizontal, Add</i>	3.34	
		<i>For Dynamic Damper, Add</i>	5.01	
		<i>For 3 Hour Rated, Add</i>	4.45	
		<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.55	14.34
		<i>For Horizontal, Add</i>	3.51	
		<i>For Dynamic Damper, Add</i>	5.27	
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	73.12	16.17
		<i>For Horizontal, Add</i>	3.69	
		<i>For Dynamic Damper, Add</i>	5.54	
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.64	13.69
		<i>For Horizontal, Add</i>	3.25	
		<i>For Dynamic Damper, Add</i>	4.88	
		<i>For 3 Hour Rated, Add</i>	4.33	
		<i>For Damper Blades Outside Air Stream, Add</i>	6.50	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.55	14.34
		<i>For Horizontal, Add</i>	3.51	
		<i>For Dynamic Damper, Add</i>	5.27	
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	69.89	15.10
		<i>For Horizontal, Add</i>	3.69	
		<i>For Dynamic Damper, Add</i>	5.54	
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.29	16.17
		<i>For Horizontal, Add</i>	3.87	
		<i>For Dynamic Damper, Add</i>	5.80	
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.61	18.01
		<i>For Horizontal, Add</i>	4.31	
		<i>For Dynamic Damper, Add</i>	6.46	
		<i>For 3 Hour Rated, Add</i>	5.74	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.61	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.55	14.34
		<i>For Horizontal, Add</i>	3.51	
		<i>For Dynamic Damper, Add</i>	5.27	
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	70.97	15.42
		<i>For Horizontal, Add</i>	3.69	
		<i>For Dynamic Damper, Add</i>	5.54	
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	76.45	16.93
		<i>For Horizontal, Add</i>	3.87	
		<i>For Dynamic Damper, Add</i>	5.80	
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.84	18.01
		<i>For Horizontal, Add</i>	4.04	
		<i>For Dynamic Damper, Add</i>	6.06	
		<i>For 3 Hour Rated, Add</i>	5.39	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.08	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.17	19.73
		<i>For Horizontal, Add</i>	4.48	
		<i>For Dynamic Damper, Add</i>	6.72	
		<i>For 3 Hour Rated, Add</i>	5.97	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.96	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.50	21.57
		<i>For Horizontal, Add</i>	4.92	
		<i>For Dynamic Damper, Add</i>	7.38	
		<i>For 3 Hour Rated, Add</i>	6.56	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.84	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	69.89	15.10
		<i>For Horizontal, Add</i>	3.69	
		<i>For Dynamic Damper, Add</i>	5.54	
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.87	16.17
		<i>For Horizontal, Add</i>	3.95	
		<i>For Dynamic Damper, Add</i>	5.93	
		<i>For 3 Hour Rated, Add</i>	5.27	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.91	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.03	18.01
		<i>For Horizontal, Add</i>	4.22	
		<i>For Dynamic Damper, Add</i>	6.33	
		<i>For 3 Hour Rated, Add</i>	5.62	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.44	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	90.34	19.73
		<i>For Horizontal, Add</i>	4.66	
		<i>For Dynamic Damper, Add</i>	6.98	
		<i>For 3 Hour Rated, Add</i>	6.21	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.31	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	98.08	21.57
		<i>For Horizontal, Add</i>	5.01	
		<i>For Dynamic Damper, Add</i>	7.51	
		<i>For 3 Hour Rated, Add</i>	6.68	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.01	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.40	23.29
		<i>For Horizontal, Add</i>	5.45	
		<i>For Dynamic Damper, Add</i>	8.17	
		<i>For 3 Hour Rated, Add</i>	7.26	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.89	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	113.54	25.13
		<i>For Horizontal, Add</i>	5.71	
		<i>For Dynamic Damper, Add</i>	8.57	
		<i>For 3 Hour Rated, Add</i>	7.61	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.42	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.29	16.17
		<i>For Horizontal, Add</i>	3.87	
		<i>For Dynamic Damper, Add</i>	5.80	
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.02	18.01
		<i>For Horizontal, Add</i>	4.22	
		<i>For Dynamic Damper, Add</i>	6.32	
		<i>For 3 Hour Rated, Add</i>	5.62	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.43	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.75	19.73
		<i>For Horizontal, Add</i>	4.57	
		<i>For Dynamic Damper, Add</i>	6.85	
		<i>For 3 Hour Rated, Add</i>	6.09	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.14	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.85	21.57
		<i>For Horizontal, Add</i>	5.27	
		<i>For Dynamic Damper, Add</i>	7.91	
		<i>For 3 Hour Rated, Add</i>	7.03	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.99	23.29
		<i>For Horizontal, Add</i>	5.54	
		<i>For Dynamic Damper, Add</i>	8.30	
		<i>For 3 Hour Rated, Add</i>	7.38	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.07	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	114.13	25.13
		<i>For Horizontal, Add</i>	5.80	
		<i>For Dynamic Damper, Add</i>	8.70	
		<i>For 3 Hour Rated, Add</i>	7.73	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	121.87	26.96
		<i>For Horizontal, Add</i>	6.15	
		<i>For Dynamic Damper, Add</i>	9.23	
		<i>For 3 Hour Rated, Add</i>	8.20	
		<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.59	28.69
		<i>For Horizontal, Add</i>	6.50	
		<i>For Dynamic Damper, Add</i>	9.75	
		<i>For 3 Hour Rated, Add</i>	8.67	
		<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.19	18.01
		<i>For Horizontal, Add</i>	4.39	
		<i>For Dynamic Damper, Add</i>	6.59	
		<i>For 3 Hour Rated, Add</i>	5.86	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.78	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.10	19.73
		<i>For Horizontal, Add</i>	4.92	
		<i>For Dynamic Damper, Add</i>	7.38	
		<i>For 3 Hour Rated, Add</i>	6.56	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.85	21.57
		<i>For Horizontal, Add</i>	5.27	
		<i>For Dynamic Damper, Add</i>	7.91	
		<i>For 3 Hour Rated, Add</i>	7.03	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.55	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0044	EA 24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.75	23.29
	For Horizontal, Add	5.80	
	For Dynamic Damper, Add	8.70	
	For 3 Hour Rated, Add	7.73	
	For Damper Blades Outside Air Stream, Add	11.60	
23 33 13 16-0045	EA 24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.88	25.13
	For Horizontal, Add	6.06	
	For Dynamic Damper, Add	9.09	
	For 3 Hour Rated, Add	8.08	
	For Damper Blades Outside Air Stream, Add	12.12	
23 33 13 16-0046	EA 24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.04	26.96
	For Horizontal, Add	6.33	
	For Dynamic Damper, Add	9.49	
	For 3 Hour Rated, Add	8.43	
	For Damper Blades Outside Air Stream, Add	12.65	
23 33 13 16-0047	EA 24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	131.94	28.69
	For Horizontal, Add	6.85	
	For Dynamic Damper, Add	10.28	
	For 3 Hour Rated, Add	9.14	
	For Damper Blades Outside Air Stream, Add	13.70	
23 33 13 16-0048	EA 24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.23	32.34
	For Horizontal, Add	7.38	
	For Dynamic Damper, Add	11.07	
	For 3 Hour Rated, Add	9.84	
	For Damper Blades Outside Air Stream, Add	14.76	
23 33 13 16-0049	EA 24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	161.72	35.90
	For Horizontal, Add	8.08	
	For Dynamic Damper, Add	12.13	
	For 3 Hour Rated, Add	10.78	
	For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0050	EA 28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.10	19.73
	For Horizontal, Add	4.92	
	For Dynamic Damper, Add	7.38	
	For 3 Hour Rated, Add	6.56	
	For Damper Blades Outside Air Stream, Add	9.84	
23 33 13 16-0051	EA 28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.85	21.57
	For Horizontal, Add	5.27	
	For Dynamic Damper, Add	7.91	
	For 3 Hour Rated, Add	7.03	
	For Damper Blades Outside Air Stream, Add	10.55	
23 33 13 16-0052	EA 28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.75	23.29
	For Horizontal, Add	5.80	
	For Dynamic Damper, Add	8.70	
	For 3 Hour Rated, Add	7.73	
	For Damper Blades Outside Air Stream, Add	11.60	
23 33 13 16-0053	EA 28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.47	25.13
	For Horizontal, Add	6.15	
	For Dynamic Damper, Add	9.23	
	For 3 Hour Rated, Add	8.20	
	For Damper Blades Outside Air Stream, Add	12.30	
23 33 13 16-0054	EA 28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	124.80	26.96
	For Horizontal, Add	6.59	
	For Dynamic Damper, Add	9.88	
	For 3 Hour Rated, Add	8.79	
	For Damper Blades Outside Air Stream, Add	13.18	
23 33 13 16-0055	EA 28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.11	28.69
	For Horizontal, Add	7.03	
	For Dynamic Damper, Add	10.54	
	For 3 Hour Rated, Add	9.37	
	For Damper Blades Outside Air Stream, Add	14.06	
23 33 13 16-0056	EA 28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.41	32.34
	For Horizontal, Add	7.56	
	For Dynamic Damper, Add	11.33	
	For 3 Hour Rated, Add	10.07	
	For Damper Blades Outside Air Stream, Add	15.11	
23 33 13 16-0057	EA 28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	161.72	35.90
	For Horizontal, Add	8.08	
	For Dynamic Damper, Add	12.13	
	For 3 Hour Rated, Add	10.78	
	For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0058	EA 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.13	37.74
	For Horizontal, Add	9.14	
	For Dynamic Damper, Add	13.70	
	For 3 Hour Rated, Add	12.18	
	For Damper Blades Outside Air Stream, Add	18.27	
23 33 13 16-0059	EA 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.77	41.30
	For Horizontal, Add	10.02	
	For Dynamic Damper, Add	15.02	
	For 3 Hour Rated, Add	13.35	
	For Damper Blades Outside Air Stream, Add	20.03	
23 33 13 16-0060	EA 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.36	21.57
	For Horizontal, Add	5.80	
	For Dynamic Damper, Add	8.70	
	For 3 Hour Rated, Add	7.73	
	For Damper Blades Outside Air Stream, Add	11.60	
23 33 13 16-0061	EA 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.91	23.29
	For Horizontal, Add	5.97	
	For Dynamic Damper, Add	8.96	
	For 3 Hour Rated, Add	7.96	
	For Damper Blades Outside Air Stream, Add	11.95	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0080	EA 36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.40	47.76
	<i>For Horizontal, Add</i>	12.30	
	<i>For Dynamic Damper, Add</i>	18.45	
	<i>For 3 Hour Rated, Add</i>	16.40	
	<i>For Damper Blades Outside Air Stream, Add</i>	24.60	
23 33 13 16-0081	EA 36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.15	50.25
	<i>For Horizontal, Add</i>	13.53	
	<i>For Dynamic Damper, Add</i>	20.29	
	<i>For 3 Hour Rated, Add</i>	18.04	
	<i>For Damper Blades Outside Air Stream, Add</i>	27.06	
23 33 13 16-0082	EA 36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.91	52.07
	<i>For Horizontal, Add</i>	14.93	
	<i>For Dynamic Damper, Add</i>	22.40	
	<i>For 3 Hour Rated, Add</i>	19.91	
	<i>For Damper Blades Outside Air Stream, Add</i>	29.87	
23 33 13 16-0083	EA 40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.80	26.96
	<i>For Horizontal, Add</i>	6.50	
	<i>For Dynamic Damper, Add</i>	9.75	
	<i>For 3 Hour Rated, Add</i>	8.67	
	<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
23 33 13 16-0084	EA 40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	128.89	28.69
	<i>For Horizontal, Add</i>	7.20	
	<i>For Dynamic Damper, Add</i>	10.80	
	<i>For 3 Hour Rated, Add</i>	9.60	
	<i>For Damper Blades Outside Air Stream, Add</i>	14.41	
23 33 13 16-0085	EA 40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	135.45	30.52
	<i>For Horizontal, Add</i>	7.38	
	<i>For Dynamic Damper, Add</i>	11.07	
	<i>For 3 Hour Rated, Add</i>	9.84	
	<i>For Damper Blades Outside Air Stream, Add</i>	14.76	
23 33 13 16-0086	EA 40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.02	32.34
	<i>For Horizontal, Add</i>	7.56	
	<i>For Dynamic Damper, Add</i>	11.33	
	<i>For 3 Hour Rated, Add</i>	10.07	
	<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
23 33 13 16-0087	EA 40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.90	34.07
	<i>For Horizontal, Add</i>	8.17	
	<i>For Dynamic Damper, Add</i>	12.26	
	<i>For 3 Hour Rated, Add</i>	10.89	
	<i>For Damper Blades Outside Air Stream, Add</i>	16.34	
23 33 13 16-0088	EA 40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.40	35.90
	<i>For Horizontal, Add</i>	8.79	
	<i>For Dynamic Damper, Add</i>	13.18	
	<i>For 3 Hour Rated, Add</i>	11.71	
	<i>For Damper Blades Outside Air Stream, Add</i>	17.57	
23 33 13 16-0089	EA 40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.25	41.30
	<i>For Horizontal, Add</i>	9.49	
	<i>For Dynamic Damper, Add</i>	14.23	
	<i>For 3 Hour Rated, Add</i>	12.65	
	<i>For Damper Blades Outside Air Stream, Add</i>	18.98	
23 33 13 16-0090	EA 40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	202.72	44.86
	<i>For Horizontal, Add</i>	10.19	
	<i>For Dynamic Damper, Add</i>	15.29	
	<i>For 3 Hour Rated, Add</i>	13.59	
	<i>For Damper Blades Outside Air Stream, Add</i>	20.38	
23 33 13 16-0091	EA 40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	218.38	47.76
	<i>For Horizontal, Add</i>	11.25	
	<i>For Dynamic Damper, Add</i>	16.87	
	<i>For 3 Hour Rated, Add</i>	14.99	
	<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
23 33 13 16-0092	EA 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.81	50.25
	<i>For Horizontal, Add</i>	13.18	
	<i>For Dynamic Damper, Add</i>	19.77	
	<i>For 3 Hour Rated, Add</i>	17.57	
	<i>For Damper Blades Outside Air Stream, Add</i>	26.36	
23 33 13 16-0093	EA 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.45	53.16
	<i>For Horizontal, Add</i>	14.23	
	<i>For Dynamic Damper, Add</i>	21.35	
	<i>For 3 Hour Rated, Add</i>	18.97	
	<i>For Damper Blades Outside Air Stream, Add</i>	28.46	
23 33 13 16-0094	EA 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	271.65	54.56
	<i>For Horizontal, Add</i>	16.16	
	<i>For Dynamic Damper, Add</i>	24.25	
	<i>For 3 Hour Rated, Add</i>	21.55	
	<i>For Damper Blades Outside Air Stream, Add</i>	32.33	
23 33 13 16-0095	EA 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	292.00	57.47
	<i>For Horizontal, Add</i>	17.92	
	<i>For Dynamic Damper, Add</i>	26.88	
	<i>For 3 Hour Rated, Add</i>	23.90	
	<i>For Damper Blades Outside Air Stream, Add</i>	35.84	
23 33 13 16-0096	EA 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.55	26.96
	<i>For Horizontal, Add</i>	6.85	
	<i>For Dynamic Damper, Add</i>	10.28	
	<i>For 3 Hour Rated, Add</i>	9.14	
	<i>For Damper Blades Outside Air Stream, Add</i>	13.70	
23 33 13 16-0097	EA 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.63	28.69
	<i>For Horizontal, Add</i>	7.56	
	<i>For Dynamic Damper, Add</i>	11.33	
	<i>For 3 Hour Rated, Add</i>	10.07	
	<i>For Damper Blades Outside Air Stream, Add</i>	15.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0098 EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.54	30.52
For Horizontal, Add	8.08	
For Dynamic Damper, Add	12.13	
For 3 Hour Rated, Add	10.78	
For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0099 EA 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.10	32.34
For Horizontal, Add	8.26	
For Dynamic Damper, Add	12.39	
For 3 Hour Rated, Add	11.01	
For Damper Blades Outside Air Stream, Add	16.52	
23 33 13 16-0100 EA 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.17	34.07
For Horizontal, Add	8.96	
For Dynamic Damper, Add	13.44	
For 3 Hour Rated, Add	11.95	
For Damper Blades Outside Air Stream, Add	17.92	
23 33 13 16-0101 EA 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.26	35.90
For Horizontal, Add	9.66	
For Dynamic Damper, Add	14.50	
For 3 Hour Rated, Add	12.89	
For Damper Blades Outside Air Stream, Add	19.33	
23 33 13 16-0102 EA 44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	199.68	43.13
For Horizontal, Add	10.54	
For Dynamic Damper, Add	15.82	
For 3 Hour Rated, Add	14.06	
For Damper Blades Outside Air Stream, Add	21.09	
23 33 13 16-0103 EA 44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	216.30	46.69
For Horizontal, Add	11.42	
For Dynamic Damper, Add	17.13	
For 3 Hour Rated, Add	15.23	
For Damper Blades Outside Air Stream, Add	22.84	
23 33 13 16-0104 EA 44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.81	50.25
For Horizontal, Add	13.18	
For Dynamic Damper, Add	19.77	
For 3 Hour Rated, Add	17.57	
For Damper Blades Outside Air Stream, Add	26.36	
23 33 13 16-0105 EA 44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	260.12	53.91
For Horizontal, Add	14.76	
For Dynamic Damper, Add	22.14	
For 3 Hour Rated, Add	19.68	
For Damper Blades Outside Air Stream, Add	29.52	
23 33 13 16-0106 EA 44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.62	57.47
For Horizontal, Add	16.52	
For Dynamic Damper, Add	24.77	
For 3 Hour Rated, Add	22.02	
For Damper Blades Outside Air Stream, Add	33.03	
23 33 13 16-0107 EA 44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	298.54	59.19
For Horizontal, Add	18.10	
For Dynamic Damper, Add	27.14	
For 3 Hour Rated, Add	24.13	
For Damper Blades Outside Air Stream, Add	36.19	
23 33 13 16-0108 EA 44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	314.48	61.03
For Horizontal, Add	19.68	
For Dynamic Damper, Add	29.52	
For 3 Hour Rated, Add	26.24	
For Damper Blades Outside Air Stream, Add	39.35	
23 33 13 16-0109 EA 44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	330.43	62.86
For Horizontal, Add	21.26	
For Dynamic Damper, Add	31.89	
For 3 Hour Rated, Add	28.35	
For Damper Blades Outside Air Stream, Add	42.52	
23 33 13 16-0110 EA 48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	135.45	28.69
For Horizontal, Add	7.38	
For Dynamic Damper, Add	11.07	
For 3 Hour Rated, Add	9.84	
For Damper Blades Outside Air Stream, Add	14.76	
23 33 13 16-0111 EA 48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.54	30.52
For Horizontal, Add	8.08	
For Dynamic Damper, Add	12.13	
For 3 Hour Rated, Add	10.78	
For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0112 EA 48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.10	32.34
For Horizontal, Add	8.26	
For Dynamic Damper, Add	12.39	
For 3 Hour Rated, Add	11.01	
For Damper Blades Outside Air Stream, Add	16.52	
23 33 13 16-0113 EA 48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.40	35.90
For Horizontal, Add	8.79	
For Dynamic Damper, Add	13.18	
For 3 Hour Rated, Add	11.71	
For Damper Blades Outside Air Stream, Add	17.57	
23 33 13 16-0114 EA 48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	181.85	39.46
For Horizontal, Add	9.49	
For Dynamic Damper, Add	14.23	
For 3 Hour Rated, Add	12.65	
For Damper Blades Outside Air Stream, Add	18.98	
23 33 13 16-0115 EA 48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	197.33	43.13
For Horizontal, Add	10.19	
For Dynamic Damper, Add	15.29	
For 3 Hour Rated, Add	13.59	
For Damper Blades Outside Air Stream, Add	20.38	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns: Description, Total Direct Unit Cost, Demolition Unit Cost. Rows include items like '48" x 18" Folding Curtain Fire Damper' and '52" x 6" Folding Curtain Fire Damper' with various add-on descriptions.

MINOR					TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		295.75	61.03	
		<i>For Horizontal, Add</i>		16.87		
		<i>For Dynamic Damper, Add</i>		25.30		
		<i>For 3 Hour Rated, Add</i>		22.49		
		<i>For Damper Blades Outside Air Stream, Add</i>		33.74		
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		312.84	62.86	
		<i>For Horizontal, Add</i>		18.62		
		<i>For Dynamic Damper, Add</i>		27.93		
		<i>For 3 Hour Rated, Add</i>		24.83		
		<i>For Damper Blades Outside Air Stream, Add</i>		37.25		
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		333.48	64.59	
		<i>For Horizontal, Add</i>		20.91		
		<i>For Dynamic Damper, Add</i>		31.36		
		<i>For 3 Hour Rated, Add</i>		27.88		
		<i>For Damper Blades Outside Air Stream, Add</i>		41.82		
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		358.29	68.26	
		<i>For Horizontal, Add</i>		23.01		
		<i>For Dynamic Damper, Add</i>		34.52		
		<i>For 3 Hour Rated, Add</i>		30.69		
		<i>For Damper Blades Outside Air Stream, Add</i>		46.03		
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		379.63	71.82	
		<i>For Horizontal, Add</i>		24.60		
		<i>For Dynamic Damper, Add</i>		36.90		
		<i>For 3 Hour Rated, Add</i>		32.80		
		<i>For Damper Blades Outside Air Stream, Add</i>		49.19		
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		409.86	77.20	
		<i>For Horizontal, Add</i>		26.71		
		<i>For Dynamic Damper, Add</i>		40.06		
		<i>For 3 Hour Rated, Add</i>		35.61		
		<i>For Damper Blades Outside Air Stream, Add</i>		53.41		
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		432.35	80.76	
		<i>For Horizontal, Add</i>		28.46		
		<i>For Dynamic Damper, Add</i>		42.69		
		<i>For 3 Hour Rated, Add</i>		37.95		
		<i>For Damper Blades Outside Air Stream, Add</i>		56.93		
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		152.10	32.34	
		<i>For Horizontal, Add</i>		8.26		
		<i>For Dynamic Damper, Add</i>		12.39		
		<i>For 3 Hour Rated, Add</i>		11.01		
		<i>For Damper Blades Outside Air Stream, Add</i>		16.52		
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		168.74	35.90	
		<i>For Horizontal, Add</i>		9.14		
		<i>For Dynamic Damper, Add</i>		13.70		
		<i>For 3 Hour Rated, Add</i>		12.18		
		<i>For Damper Blades Outside Air Stream, Add</i>		18.27		
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		183.03	39.46	
		<i>For Horizontal, Add</i>		9.66		
		<i>For Dynamic Damper, Add</i>		14.50		
		<i>For 3 Hour Rated, Add</i>		12.89		
		<i>For Damper Blades Outside Air Stream, Add</i>		19.33		
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		194.98	43.13	
		<i>For Horizontal, Add</i>		9.84		
		<i>For Dynamic Damper, Add</i>		14.76		
		<i>For 3 Hour Rated, Add</i>		13.12		
		<i>For Damper Blades Outside Air Stream, Add</i>		19.68		
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		212.21	46.69	
		<i>For Horizontal, Add</i>		10.81		
		<i>For Dynamic Damper, Add</i>		16.21		
		<i>For 3 Hour Rated, Add</i>		14.41		
		<i>For Damper Blades Outside Air Stream, Add</i>		21.61		
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		229.44	50.25	
		<i>For Horizontal, Add</i>		11.77		
		<i>For Dynamic Damper, Add</i>		17.66		
		<i>For 3 Hour Rated, Add</i>		15.70		
		<i>For Damper Blades Outside Air Stream, Add</i>		23.54		
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		246.65	53.91	
		<i>For Horizontal, Add</i>		12.74		
		<i>For Dynamic Damper, Add</i>		19.11		
		<i>For 3 Hour Rated, Add</i>		16.98		
		<i>For Damper Blades Outside Air Stream, Add</i>		25.48		
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		263.88	57.47	
		<i>For Horizontal, Add</i>		13.70		
		<i>For Dynamic Damper, Add</i>		20.56		
		<i>For 3 Hour Rated, Add</i>		18.27		
		<i>For Damper Blades Outside Air Stream, Add</i>		27.41		
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		288.71	61.03	
		<i>For Horizontal, Add</i>		15.81		
		<i>For Dynamic Damper, Add</i>		23.72		
		<i>For 3 Hour Rated, Add</i>		21.08		
		<i>For Damper Blades Outside Air Stream, Add</i>		31.62		
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		308.17	62.86	
		<i>For Horizontal, Add</i>		17.92		
		<i>For Dynamic Damper, Add</i>		26.88		
		<i>For 3 Hour Rated, Add</i>		23.90		
		<i>For Damper Blades Outside Air Stream, Add</i>		35.84		
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....		326.45	64.59	
		<i>For Horizontal, Add</i>		19.85		
		<i>For Dynamic Damper, Add</i>		29.78		
		<i>For 3 Hour Rated, Add</i>		26.47		
		<i>For Damper Blades Outside Air Stream, Add</i>		39.71		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0152	EA 56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	353.62	68.26
	<i>For Horizontal, Add</i>	22.31	
	<i>For Dynamic Damper, Add</i>	33.47	
	<i>For 3 Hour Rated, Add</i>	29.75	
	<i>For Damper Blades Outside Air Stream, Add</i>	44.63	
23 33 13 16-0153	EA 56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.46	71.82
	<i>For Horizontal, Add</i>	24.42	
	<i>For Dynamic Damper, Add</i>	36.63	
	<i>For 3 Hour Rated, Add</i>	32.56	
	<i>For Damper Blades Outside Air Stream, Add</i>	48.84	
23 33 13 16-0154	EA 56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	404.47	75.37
	<i>For Horizontal, Add</i>	26.71	
	<i>For Dynamic Damper, Add</i>	40.06	
	<i>For 3 Hour Rated, Add</i>	35.61	
	<i>For Damper Blades Outside Air Stream, Add</i>	53.41	
23 33 13 16-0155	EA 56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	426.97	79.03
	<i>For Horizontal, Add</i>	28.46	
	<i>For Dynamic Damper, Add</i>	42.69	
	<i>For 3 Hour Rated, Add</i>	37.95	
	<i>For Damper Blades Outside Air Stream, Add</i>	56.93	
23 33 13 16-0156	EA 56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	452.97	82.59
	<i>For Horizontal, Add</i>	30.75	
	<i>For Dynamic Damper, Add</i>	46.12	
	<i>For 3 Hour Rated, Add</i>	41.00	
	<i>For Damper Blades Outside Air Stream, Add</i>	61.49	
23 33 13 16-0157	EA 56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	478.99	86.15
	<i>For Horizontal, Add</i>	33.03	
	<i>For Dynamic Damper, Add</i>	49.55	
	<i>For 3 Hour Rated, Add</i>	44.04	
	<i>For Damper Blades Outside Air Stream, Add</i>	66.06	
23 33 13 16-0158	EA 60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.40	35.90
	<i>For Horizontal, Add</i>	8.79	
	<i>For Dynamic Damper, Add</i>	13.18	
	<i>For 3 Hour Rated, Add</i>	11.71	
	<i>For Damper Blades Outside Air Stream, Add</i>	17.57	
23 33 13 16-0159	EA 60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.03	39.46
	<i>For Horizontal, Add</i>	9.66	
	<i>For Dynamic Damper, Add</i>	14.50	
	<i>For 3 Hour Rated, Add</i>	12.89	
	<i>For Damper Blades Outside Air Stream, Add</i>	19.33	
23 33 13 16-0160	EA 60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.16	43.13
	<i>For Horizontal, Add</i>	10.02	
	<i>For Dynamic Damper, Add</i>	15.02	
	<i>For 3 Hour Rated, Add</i>	13.35	
	<i>For Damper Blades Outside Air Stream, Add</i>	20.03	
23 33 13 16-0161	EA 60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.11	46.69
	<i>For Horizontal, Add</i>	10.19	
	<i>For Dynamic Damper, Add</i>	15.29	
	<i>For 3 Hour Rated, Add</i>	13.59	
	<i>For Damper Blades Outside Air Stream, Add</i>	20.38	
23 33 13 16-0162	EA 60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.93	50.25
	<i>For Horizontal, Add</i>	11.25	
	<i>For Dynamic Damper, Add</i>	16.87	
	<i>For 3 Hour Rated, Add</i>	14.99	
	<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
23 33 13 16-0163	EA 60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.72	53.91
	<i>For Horizontal, Add</i>	12.30	
	<i>For Dynamic Damper, Add</i>	18.45	
	<i>For 3 Hour Rated, Add</i>	16.40	
	<i>For Damper Blades Outside Air Stream, Add</i>	24.60	
23 33 13 16-0164	EA 60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	262.13	57.47
	<i>For Horizontal, Add</i>	13.44	
	<i>For Dynamic Damper, Add</i>	20.16	
	<i>For 3 Hour Rated, Add</i>	17.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	26.88	
23 33 13 16-0165	EA 60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	280.52	61.03
	<i>For Horizontal, Add</i>	14.58	
	<i>For Dynamic Damper, Add</i>	21.87	
	<i>For 3 Hour Rated, Add</i>	19.44	
	<i>For Damper Blades Outside Air Stream, Add</i>	29.17	
23 33 13 16-0166	EA 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	301.14	62.86
	<i>For Horizontal, Add</i>	16.87	
	<i>For Dynamic Damper, Add</i>	25.30	
	<i>For 3 Hour Rated, Add</i>	22.49	
	<i>For Damper Blades Outside Air Stream, Add</i>	33.74	
23 33 13 16-0167	EA 60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	320.59	64.59
	<i>For Horizontal, Add</i>	18.98	
	<i>For Dynamic Damper, Add</i>	28.46	
	<i>For 3 Hour Rated, Add</i>	25.30	
	<i>For Damper Blades Outside Air Stream, Add</i>	37.95	
23 33 13 16-0168	EA 60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	346.60	68.26
	<i>For Horizontal, Add</i>	21.26	
	<i>For Dynamic Damper, Add</i>	31.89	
	<i>For 3 Hour Rated, Add</i>	28.35	
	<i>For Damper Blades Outside Air Stream, Add</i>	42.52	
23 33 13 16-0169	EA 60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	372.61	71.82
	<i>For Horizontal, Add</i>	23.54	
	<i>For Dynamic Damper, Add</i>	35.32	
	<i>For 3 Hour Rated, Add</i>	31.39	
	<i>For Damper Blades Outside Air Stream, Add</i>	47.09	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	395.10	75.37
		<i>For Horizontal, Add</i>	25.30	
		<i>For Dynamic Damper, Add</i>	37.95	
		<i>For 3 Hour Rated, Add</i>	33.73	
		<i>For Damper Blades Outside Air Stream, Add</i>	50.60	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	424.63	79.03
		<i>For Horizontal, Add</i>	28.11	
		<i>For Dynamic Damper, Add</i>	42.17	
		<i>For 3 Hour Rated, Add</i>	37.48	
		<i>For Damper Blades Outside Air Stream, Add</i>	56.22	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	451.80	82.59
		<i>For Horizontal, Add</i>	30.57	
		<i>For Dynamic Damper, Add</i>	45.86	
		<i>For 3 Hour Rated, Add</i>	40.76	
		<i>For Damper Blades Outside Air Stream, Add</i>	61.14	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	478.99	86.15
		<i>For Horizontal, Add</i>	33.03	
		<i>For Dynamic Damper, Add</i>	49.55	
		<i>For 3 Hour Rated, Add</i>	44.04	
		<i>For Damper Blades Outside Air Stream, Add</i>	66.06	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	503.81	89.82
		<i>For Horizontal, Add</i>	35.14	
		<i>For Dynamic Damper, Add</i>	52.71	
		<i>For 3 Hour Rated, Add</i>	46.85	
		<i>For Damper Blades Outside Air Stream, Add</i>	70.28	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	528.67	93.37
		<i>For Horizontal, Add</i>	37.25	
		<i>For Dynamic Damper, Add</i>	55.87	
		<i>For 3 Hour Rated, Add</i>	49.66	
		<i>For Damper Blades Outside Air Stream, Add</i>	74.50	
23 33 13 16-0176		Parallel Blade Louver Fire Damper <small>(23 33 13 16)</small>		
		Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	69.84	11.97
		<i>For Horizontal, Add</i>	5.09	
		<i>For Dynamic Damper, Add</i>	7.64	
		<i>For 3 Hour Rated, Add</i>	6.79	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.91	12.50
		<i>For Horizontal, Add</i>	5.31	
		<i>For Dynamic Damper, Add</i>	7.96	
		<i>For 3 Hour Rated, Add</i>	7.08	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.60	12.61
		<i>For Horizontal, Add</i>	5.53	
		<i>For Dynamic Damper, Add</i>	8.29	
		<i>For 3 Hour Rated, Add</i>	7.37	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.60	12.61
		<i>For Horizontal, Add</i>	5.53	
		<i>For Dynamic Damper, Add</i>	8.29	
		<i>For 3 Hour Rated, Add</i>	7.37	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	77.15	12.94
		<i>For Horizontal, Add</i>	5.75	
		<i>For Dynamic Damper, Add</i>	8.62	
		<i>For 3 Hour Rated, Add</i>	7.67	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	84.38	14.34
		<i>For Horizontal, Add</i>	6.19	
		<i>For Dynamic Damper, Add</i>	9.28	
		<i>For 3 Hour Rated, Add</i>	8.25	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	77.15	12.94
		<i>For Horizontal, Add</i>	5.75	
		<i>For Dynamic Damper, Add</i>	8.62	
		<i>For 3 Hour Rated, Add</i>	7.67	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.22	13.69
		<i>For Horizontal, Add</i>	6.19	
		<i>For Dynamic Damper, Add</i>	9.28	
		<i>For 3 Hour Rated, Add</i>	8.25	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	85.85	14.34
		<i>For Horizontal, Add</i>	6.41	
		<i>For Dynamic Damper, Add</i>	9.61	
		<i>For 3 Hour Rated, Add</i>	8.54	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.70	16.17
		<i>For Horizontal, Add</i>	6.63	
		<i>For Dynamic Damper, Add</i>	9.94	
		<i>For 3 Hour Rated, Add</i>	8.84	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	81.49	13.69
		<i>For Horizontal, Add</i>	6.08	
		<i>For Dynamic Damper, Add</i>	9.12	
		<i>For 3 Hour Rated, Add</i>	8.10	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	85.85	14.34
		<i>For Horizontal, Add</i>	6.41	
		<i>For Dynamic Damper, Add</i>	9.61	
		<i>For 3 Hour Rated, Add</i>	8.54	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.47	15.10
		<i>For Horizontal, Add</i>	6.63	
		<i>For Dynamic Damper, Add</i>	9.94	
		<i>For 3 Hour Rated, Add</i>	8.84	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.16	16.17
		<i>For Horizontal, Add</i>	6.85	
		<i>For Dynamic Damper, Add</i>	10.27	
		<i>For 3 Hour Rated, Add</i>	9.13	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 33 13 16-0191	EA 14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.22	18.01
	For Horizontal, Add	7.40	
	For Dynamic Damper, Add	11.09	
	For 3 Hour Rated, Add	9.86	
23 33 13 16-0192	EA 16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.79	14.34
	For Horizontal, Add	8.95	
	For Dynamic Damper, Add	13.42	
	For 3 Hour Rated, Add	11.93	
23 33 13 16-0193	EA 16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.67	15.42
	For Horizontal, Add	9.20	
	For Dynamic Damper, Add	13.79	
	For 3 Hour Rated, Add	12.26	
23 33 13 16-0194	EA 16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.63	16.93
	For Horizontal, Add	9.44	
	For Dynamic Damper, Add	14.16	
	For 3 Hour Rated, Add	12.59	
23 33 13 16-0195	EA 16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.49	18.01
	For Horizontal, Add	9.69	
	For Dynamic Damper, Add	14.53	
	For 3 Hour Rated, Add	12.92	
23 33 13 16-0196	EA 16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.99	19.73
	For Horizontal, Add	10.30	
	For Dynamic Damper, Add	15.46	
	For 3 Hour Rated, Add	13.74	
23 33 13 16-0197	EA 16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.49	21.57
	For Horizontal, Add	10.92	
	For Dynamic Damper, Add	16.38	
	For 3 Hour Rated, Add	14.56	
23 33 13 16-0198	EA 18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.59	15.10
	For Horizontal, Add	9.20	
	For Dynamic Damper, Add	13.79	
	For 3 Hour Rated, Add	12.26	
23 33 13 16-0199	EA 18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.28	16.17
	For Horizontal, Add	9.56	
	For Dynamic Damper, Add	14.35	
	For 3 Hour Rated, Add	12.75	
23 33 13 16-0200	EA 18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.15	18.01
	For Horizontal, Add	9.94	
	For Dynamic Damper, Add	14.90	
	For 3 Hour Rated, Add	13.25	
23 33 13 16-0201	EA 18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.63	19.73
	For Horizontal, Add	10.55	
	For Dynamic Damper, Add	15.82	
	For 3 Hour Rated, Add	14.07	
23 33 13 16-0202	EA 18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.31	21.57
	For Horizontal, Add	11.04	
	For Dynamic Damper, Add	16.56	
	For 3 Hour Rated, Add	14.72	
23 33 13 16-0203	EA 18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.80	23.29
	For Horizontal, Add	11.66	
	For Dynamic Damper, Add	17.48	
	For 3 Hour Rated, Add	15.54	
23 33 13 16-0204	EA 18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.64	25.13
	For Horizontal, Add	12.03	
	For Dynamic Damper, Add	18.04	
	For 3 Hour Rated, Add	16.03	
23 33 13 16-0205	EA 20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.47	16.17
	For Horizontal, Add	9.44	
	For Dynamic Damper, Add	14.16	
	For 3 Hour Rated, Add	12.59	
23 33 13 16-0206	EA 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.13	18.01
	For Horizontal, Add	9.93	
	For Dynamic Damper, Add	14.90	
	For 3 Hour Rated, Add	13.24	
23 33 13 16-0207	EA 20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.81	19.73
	For Horizontal, Add	10.43	
	For Dynamic Damper, Add	15.64	
	For 3 Hour Rated, Add	13.90	
23 33 13 16-0208	EA 20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.78	21.57
	For Horizontal, Add	11.41	
	For Dynamic Damper, Add	17.12	
	For 3 Hour Rated, Add	15.22	
23 33 13 16-0209	EA 20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.63	23.29
	For Horizontal, Add	11.78	
	For Dynamic Damper, Add	17.67	
	For 3 Hour Rated, Add	15.71	
23 33 13 16-0210	EA 20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.46	25.13
	For Horizontal, Add	12.15	
	For Dynamic Damper, Add	18.22	
	For 3 Hour Rated, Add	16.20	
23 33 13 16-0211	EA 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.14	26.96
	For Horizontal, Add	12.64	
	For Dynamic Damper, Add	18.96	
	For 3 Hour Rated, Add	16.85	
23 33 13 16-0212	EA 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.80	28.69
	For Horizontal, Add	13.13	
	For Dynamic Damper, Add	19.70	
	For 3 Hour Rated, Add	17.51	

MINOR		UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UNIT COST			UNIT COST	
23 33 13 16-0213	EA		24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	135.21	18.01
			<i>For Horizontal, Add</i>	12.20	
			<i>For Dynamic Damper, Add</i>	18.29	
			<i>For 3 Hour Rated, Add</i>	16.26	
23 33 13 16-0214	EA		24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.53	19.73
			<i>For Horizontal, Add</i>	12.93	
			<i>For Dynamic Damper, Add</i>	19.40	
			<i>For 3 Hour Rated, Add</i>	17.25	
23 33 13 16-0215	EA		24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.22	21.57
			<i>For Horizontal, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	20.14	
			<i>For 3 Hour Rated, Add</i>	17.90	
23 33 13 16-0216	EA		24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.51	23.29
			<i>For Horizontal, Add</i>	14.16	
			<i>For Dynamic Damper, Add</i>	21.24	
			<i>For 3 Hour Rated, Add</i>	18.88	
23 33 13 16-0217	EA		24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.36	25.13
			<i>For Horizontal, Add</i>	14.53	
			<i>For Dynamic Damper, Add</i>	21.80	
			<i>For 3 Hour Rated, Add</i>	19.38	
23 33 13 16-0218	EA		24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	180.21	26.96
			<i>For Horizontal, Add</i>	14.90	
			<i>For Dynamic Damper, Add</i>	22.35	
			<i>For 3 Hour Rated, Add</i>	19.87	
23 33 13 16-0219	EA		24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.52	28.69
			<i>For Horizontal, Add</i>	15.64	
			<i>For Dynamic Damper, Add</i>	23.46	
			<i>For 3 Hour Rated, Add</i>	20.85	
23 33 13 16-0220	EA		24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	206.22	32.34
			<i>For Horizontal, Add</i>	16.38	
			<i>For Dynamic Damper, Add</i>	24.57	
			<i>For 3 Hour Rated, Add</i>	21.84	
23 33 13 16-0221	EA		24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.57	35.90
			<i>For Horizontal, Add</i>	17.36	
			<i>For Dynamic Damper, Add</i>	26.04	
			<i>For 3 Hour Rated, Add</i>	23.15	
23 33 13 16-0222	EA		28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.53	19.73
			<i>For Horizontal, Add</i>	12.93	
			<i>For Dynamic Damper, Add</i>	19.40	
			<i>For 3 Hour Rated, Add</i>	17.25	
23 33 13 16-0223	EA		28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.22	21.57
			<i>For Horizontal, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	20.14	
			<i>For 3 Hour Rated, Add</i>	17.90	
23 33 13 16-0224	EA		28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.51	23.29
			<i>For Horizontal, Add</i>	14.16	
			<i>For Dynamic Damper, Add</i>	21.24	
			<i>For 3 Hour Rated, Add</i>	18.88	
23 33 13 16-0225	EA		28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.17	25.13
			<i>For Horizontal, Add</i>	14.66	
			<i>For Dynamic Damper, Add</i>	21.98	
			<i>For 3 Hour Rated, Add</i>	19.54	
23 33 13 16-0226	EA		28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.68	26.96
			<i>For Horizontal, Add</i>	15.27	
			<i>For Dynamic Damper, Add</i>	22.91	
			<i>For 3 Hour Rated, Add</i>	20.36	
23 33 13 16-0227	EA		28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	192.15	28.69
			<i>For Horizontal, Add</i>	15.88	
			<i>For Dynamic Damper, Add</i>	23.83	
			<i>For 3 Hour Rated, Add</i>	21.18	
23 33 13 16-0228	EA		28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.86	32.34
			<i>For Horizontal, Add</i>	16.62	
			<i>For Dynamic Damper, Add</i>	24.93	
			<i>For 3 Hour Rated, Add</i>	22.16	
23 33 13 16-0229	EA		28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.57	35.90
			<i>For Horizontal, Add</i>	17.36	
			<i>For Dynamic Damper, Add</i>	26.04	
			<i>For 3 Hour Rated, Add</i>	23.15	
23 33 13 16-0230	EA		28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.80	37.74
			<i>For Horizontal, Add</i>	18.84	
			<i>For Dynamic Damper, Add</i>	28.26	
			<i>For 3 Hour Rated, Add</i>	25.12	
23 33 13 16-0231	EA		28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	257.78	41.30
			<i>For Horizontal, Add</i>	20.07	
			<i>For Dynamic Damper, Add</i>	30.10	
			<i>For 3 Hour Rated, Add</i>	26.76	
23 33 13 16-0232	EA		32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	159.12	21.57
			<i>For Horizontal, Add</i>	14.16	
			<i>For Dynamic Damper, Add</i>	21.24	
			<i>For 3 Hour Rated, Add</i>	18.88	
23 33 13 16-0233	EA		32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.14	23.29
			<i>For Horizontal, Add</i>	14.41	
			<i>For Dynamic Damper, Add</i>	21.61	
			<i>For 3 Hour Rated, Add</i>	19.21	
23 33 13 16-0234	EA		32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.17	25.13
			<i>For Horizontal, Add</i>	14.66	
			<i>For Dynamic Damper, Add</i>	21.98	
			<i>For 3 Hour Rated, Add</i>	19.54	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various HVAC damper items (e.g., EA 32" x 12" Louver Type Fire Damper) and their associated costs.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0257 EA 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	218.71	30.52
For Horizontal, Add	19.87	
For Dynamic Damper, Add	29.80	
For 3 Hour Rated, Add	26.49	
23 33 13 16-0258 EA 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.98	32.34
For Horizontal, Add	20.15	
For Dynamic Damper, Add	30.22	
For 3 Hour Rated, Add	26.87	
23 33 13 16-0259 EA 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.32	34.07
For Horizontal, Add	21.13	
For Dynamic Damper, Add	31.70	
For 3 Hour Rated, Add	28.18	
23 33 13 16-0260 EA 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.28	35.90
For Horizontal, Add	22.12	
For Dynamic Damper, Add	33.18	
For 3 Hour Rated, Add	29.49	
23 33 13 16-0261 EA 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	278.95	41.30
For Horizontal, Add	23.24	
For Dynamic Damper, Add	34.86	
For 3 Hour Rated, Add	30.99	
23 33 13 16-0262 EA 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	297.22	44.86
For Horizontal, Add	24.37	
For Dynamic Damper, Add	36.55	
For 3 Hour Rated, Add	32.49	
23 33 13 16-0263 EA 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	317.10	47.76
For Horizontal, Add	26.05	
For Dynamic Damper, Add	39.08	
For 3 Hour Rated, Add	34.74	
23 33 13 16-0264 EA 40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	345.26	50.25
For Horizontal, Add	29.15	
For Dynamic Damper, Add	43.72	
For 3 Hour Rated, Add	38.86	
23 33 13 16-0265 EA 40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	365.12	53.16
For Horizontal, Add	30.83	
For Dynamic Damper, Add	46.25	
For 3 Hour Rated, Add	41.11	
23 33 13 16-0266 EA 40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	390.05	54.56
For Horizontal, Add	33.92	
For Dynamic Damper, Add	50.89	
For 3 Hour Rated, Add	45.23	
23 33 13 16-0267 EA 40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	417.42	57.47
For Horizontal, Add	36.74	
For Dynamic Damper, Add	55.10	
For 3 Hour Rated, Add	48.98	
23 33 13 16-0268 EA 44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.70	26.96
For Horizontal, Add	19.02	
For Dynamic Damper, Add	28.54	
For 3 Hour Rated, Add	25.37	
23 33 13 16-0269 EA 44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.59	28.69
For Horizontal, Add	20.15	
For Dynamic Damper, Add	30.22	
For 3 Hour Rated, Add	26.87	
23 33 13 16-0270 EA 44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	231.61	30.52
For Horizontal, Add	20.99	
For Dynamic Damper, Add	31.49	
For 3 Hour Rated, Add	27.99	
23 33 13 16-0271 EA 44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.87	32.34
For Horizontal, Add	21.27	
For Dynamic Damper, Add	31.91	
For 3 Hour Rated, Add	28.37	
23 33 13 16-0272 EA 44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	251.76	34.07
For Horizontal, Add	22.40	
For Dynamic Damper, Add	33.60	
For 3 Hour Rated, Add	29.87	
23 33 13 16-0273 EA 44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.66	35.90
For Horizontal, Add	23.52	
For Dynamic Damper, Add	35.29	
For 3 Hour Rated, Add	31.37	
23 33 13 16-0274 EA 44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	295.59	43.13
For Horizontal, Add	24.93	
For Dynamic Damper, Add	37.40	
For 3 Hour Rated, Add	33.24	
23 33 13 16-0275 EA 44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	315.73	46.69
For Horizontal, Add	26.33	
For Dynamic Damper, Add	39.50	
For 3 Hour Rated, Add	35.11	
23 33 13 16-0276 EA 44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	345.26	50.25
For Horizontal, Add	29.15	
For Dynamic Damper, Add	43.72	
For 3 Hour Rated, Add	38.86	
23 33 13 16-0277 EA 44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	372.90	53.91
For Horizontal, Add	31.68	
For Dynamic Damper, Add	47.51	
For 3 Hour Rated, Add	42.23	
23 33 13 16-0278 EA 44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	402.42	57.47
For Horizontal, Add	34.49	
For Dynamic Damper, Add	51.73	
For 3 Hour Rated, Add	45.98	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.67	59.19	
		For Horizontal, Add	37.02		
		For Dynamic Damper, Add	55.52		
		For 3 Hour Rated, Add	49.35		
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.94	61.03	
		For Horizontal, Add	39.55		
		For Dynamic Damper, Add	59.32		
		For 3 Hour Rated, Add	52.73		
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.21	62.86	
		For Horizontal, Add	42.08		
		For Dynamic Damper, Add	63.12		
		For 3 Hour Rated, Add	56.10		
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.71	28.69	
		For Horizontal, Add	19.87		
		For Dynamic Damper, Add	29.80		
		For 3 Hour Rated, Add	26.49		
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.61	30.52	
		For Horizontal, Add	20.99		
		For Dynamic Damper, Add	31.49		
		For 3 Hour Rated, Add	27.99		
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.87	32.34	
		For Horizontal, Add	21.27		
		For Dynamic Damper, Add	31.91		
		For 3 Hour Rated, Add	28.37		
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.28	35.90	
		For Horizontal, Add	22.12		
		For Dynamic Damper, Add	33.18		
		For 3 Hour Rated, Add	29.49		
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.55	39.46	
		For Horizontal, Add	23.24		
		For Dynamic Damper, Add	34.86		
		For 3 Hour Rated, Add	30.99		
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.83	43.13	
		For Horizontal, Add	24.37		
		For Dynamic Damper, Add	36.55		
		For 3 Hour Rated, Add	32.49		
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.86	46.69	
		For Horizontal, Add	26.05		
		For Dynamic Damper, Add	39.08		
		For 3 Hour Rated, Add	34.74		
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.89	50.25	
		For Horizontal, Add	27.74		
		For Dynamic Damper, Add	41.61		
		For 3 Hour Rated, Add	36.99		
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.53	53.91	
		For Horizontal, Add	30.27		
		For Dynamic Damper, Add	45.41		
		For 3 Hour Rated, Add	40.36		
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	394.92	57.47	
		For Horizontal, Add	33.36		
		For Dynamic Damper, Add	50.04		
		For 3 Hour Rated, Add	44.48		
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.19	59.19	
		For Horizontal, Add	35.89		
		For Dynamic Damper, Add	53.84		
		For 3 Hour Rated, Add	47.86		
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.06	61.03	
		For Horizontal, Add	39.26		
		For Dynamic Damper, Add	58.90		
		For 3 Hour Rated, Add	52.35		
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.73	64.59	
		For Horizontal, Add	41.80		
		For Dynamic Damper, Add	62.69		
		For 3 Hour Rated, Add	55.73		
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	500.60	66.42	
		For Horizontal, Add	45.17		
		For Dynamic Damper, Add	67.75		
		For 3 Hour Rated, Add	60.23		
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.77	71.82	
		For Horizontal, Add	47.42		
		For Dynamic Damper, Add	71.13		
		For 3 Hour Rated, Add	63.22		
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.73	30.52	
		For Horizontal, Add	20.71		
		For Dynamic Damper, Add	31.07		
		For 3 Hour Rated, Add	27.62		
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.62	32.34	
		For Horizontal, Add	21.84		
		For Dynamic Damper, Add	32.76		
		For 3 Hour Rated, Add	29.12		
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.91	35.90	
		For Horizontal, Add	22.96		
		For Dynamic Damper, Add	34.44		
		For 3 Hour Rated, Add	30.62		
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.55	39.46	
		For Horizontal, Add	23.24		
		For Dynamic Damper, Add	34.86		
		For 3 Hour Rated, Add	30.99		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0301 EA 52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	292.78	43.13
For Horizontal, Add	24.51	
For Dynamic Damper, Add	36.76	
For 3 Hour Rated, Add	32.68	
23 33 13 16-0302 EA 52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	311.98	46.69
For Horizontal, Add	25.77	
For Dynamic Damper, Add	38.66	
For 3 Hour Rated, Add	34.36	
23 33 13 16-0303 EA 52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	334.02	50.25
For Horizontal, Add	27.46	
For Dynamic Damper, Add	41.19	
For 3 Hour Rated, Add	36.61	
23 33 13 16-0304 EA 52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	356.03	53.91
For Horizontal, Add	29.15	
For Dynamic Damper, Add	43.72	
For 3 Hour Rated, Add	38.86	
23 33 13 16-0305 EA 52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	383.69	57.47
For Horizontal, Add	31.68	
For Dynamic Damper, Add	47.51	
For 3 Hour Rated, Add	42.23	
23 33 13 16-0306 EA 52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	416.95	61.03
For Horizontal, Add	35.05	
For Dynamic Damper, Add	52.57	
For 3 Hour Rated, Add	46.73	
23 33 13 16-0307 EA 52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	441.08	62.86
For Horizontal, Add	37.86	
For Dynamic Damper, Add	56.79	
For 3 Hour Rated, Add	50.48	
23 33 13 16-0308 EA 52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	470.85	64.59
For Horizontal, Add	41.51	
For Dynamic Damper, Add	62.27	
For 3 Hour Rated, Add	55.35	
23 33 13 16-0309 EA 52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	504.10	68.26
For Horizontal, Add	44.89	
For Dynamic Damper, Add	67.33	
For 3 Hour Rated, Add	59.85	
23 33 13 16-0310 EA 52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	531.77	71.82
For Horizontal, Add	47.42	
For Dynamic Damper, Add	71.13	
For 3 Hour Rated, Add	63.22	
23 33 13 16-0311 EA 52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	570.42	77.20
For Horizontal, Add	50.79	
For Dynamic Damper, Add	76.19	
For 3 Hour Rated, Add	67.72	
23 33 13 16-0312 EA 52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	599.95	80.76
For Horizontal, Add	53.60	
For Dynamic Damper, Add	80.40	
For 3 Hour Rated, Add	71.47	
23 33 13 16-0313 EA 56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.87	32.34
For Horizontal, Add	21.27	
For Dynamic Damper, Add	31.91	
For 3 Hour Rated, Add	28.37	
23 33 13 16-0314 EA 56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	259.02	35.90
For Horizontal, Add	22.68	
For Dynamic Damper, Add	34.02	
For 3 Hour Rated, Add	30.24	
23 33 13 16-0315 EA 56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	275.43	39.46
For Horizontal, Add	23.52	
For Dynamic Damper, Add	35.29	
For 3 Hour Rated, Add	31.37	
23 33 13 16-0316 EA 56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	288.08	43.13
For Horizontal, Add	23.80	
For Dynamic Damper, Add	35.71	
For 3 Hour Rated, Add	31.74	
23 33 13 16-0317 EA 56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	309.18	46.69
For Horizontal, Add	25.35	
For Dynamic Damper, Add	38.03	
For 3 Hour Rated, Add	33.80	
23 33 13 16-0318 EA 56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	330.27	50.25
For Horizontal, Add	26.90	
For Dynamic Damper, Add	40.34	
For 3 Hour Rated, Add	35.86	
23 33 13 16-0319 EA 56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.35	53.91
For Horizontal, Add	28.44	
For Dynamic Damper, Add	42.66	
For 3 Hour Rated, Add	37.92	
23 33 13 16-0320 EA 56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	372.44	57.47
For Horizontal, Add	29.99	
For Dynamic Damper, Add	44.98	
For 3 Hour Rated, Add	39.98	
23 33 13 16-0321 EA 56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	405.70	61.03
For Horizontal, Add	33.36	
For Dynamic Damper, Add	50.04	
For 3 Hour Rated, Add	44.48	
23 33 13 16-0322 EA 56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	433.59	62.86
For Horizontal, Add	36.74	
For Dynamic Damper, Add	55.10	
For 3 Hour Rated, Add	48.98	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.60 39.83 59.74 53.10	64.59
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	496.62 43.76 65.65 58.35	68.26
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	529.89 47.14 70.70 62.85	71.82
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	565.03 50.79 76.19 67.72	75.37
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	594.57 53.60 80.40 71.47	79.03
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	629.70 57.26 85.88 76.34	82.59
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	664.85 60.91 91.37 81.21	86.15
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	255.28 22.12 33.18 29.49	35.90
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	275.43 23.52 35.29 31.37	39.46
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	289.95 24.08 36.13 32.11	43.13
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	302.61 24.37 36.55 32.49	46.69
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	324.65 26.05 39.08 34.74	50.25
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	346.66 27.74 41.61 36.99	53.91
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	369.63 29.57 44.35 39.42	57.47
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	392.59 31.39 47.09 41.86	61.03
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	422.34 35.05 52.57 46.73	62.86
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	450.23 38.42 57.63 51.23	64.59
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	485.38 42.08 63.12 56.10	68.26
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	520.53 45.73 68.60 60.98	71.82
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	550.05 48.54 72.81 64.72	75.37
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	590.82 53.04 79.56 70.72	79.03
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	627.82 56.97 85.46 75.97	82.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0345	EA		60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	664.85 60.91 91.37 81.21	86.15
23 33 13 16-0346	EA		60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	698.11 64.28 96.42 85.71	89.82
23 33 13 16-0347	EA		60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	731.41 67.66 101.49 90.21	93.37
23 33 13 16-0348 Round 2 Hour Fire Damper (23 33 13 16)					
23 33 13 16-0349	EA		4" Round 2 Hour Fire Damper	62.13	21.57
23 33 13 16-0350	EA		5" Round 2 Hour Fire Damper	63.49	21.57
23 33 13 16-0351	EA		6" Round 2 Hour Fire Damper	73.46	24.47
23 33 13 16-0352	EA		7" Round 2 Hour Fire Damper	74.93	24.47
23 33 13 16-0353	EA		8" Round 2 Hour Fire Damper	86.50	26.96
23 33 13 16-0354	EA		9" Round 2 Hour Fire Damper	90.57	26.96
23 33 13 16-0355	EA		10" Round 2 Hour Fire Damper	100.64	29.97
23 33 13 16-0356	EA		12" Round 2 Hour Fire Damper	113.12	33.75
23 33 13 16-0357	EA		14" Round 2 Hour Fire Damper	128.87	38.50
23 33 13 16-0358 Round 4 Hour Fire Damper (23 33 13 16)					
23 33 13 16-0359	EA		4" Round 4 Hour Fire Damper	70.29	24.47
23 33 13 16-0360	EA		5" Round 4 Hour Fire Damper	74.00	24.47
23 33 13 16-0361	EA		6" Round 4 Hour Fire Damper	82.66	26.96
23 33 13 16-0362	EA		7" Round 4 Hour Fire Damper	87.44	26.96
23 33 13 16-0363	EA		8" Round 4 Hour Fire Damper	98.23	29.97
23 33 13 16-0364	EA		9" Round 4 Hour Fire Damper	101.15	29.97
23 33 13 16-0365	EA		10" Round 4 Hour Fire Damper	113.21	33.75
23 33 13 16-0366	EA		12" Round 4 Hour Fire Damper	127.02	38.50
23 33 13 16-0367	EA		14" Round 4 Hour Fire Damper	148.19	44.96
23 33 13 19 Smoke-Control Dampers (23 33 13)					
23 33 13 19-0001 Combination Smoke/Fire Damper (23 33 13 19)					
Note: Leakage class I with Firestat UL 555S air foil blades.					
23 33 13 19-0002	EA		6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	108.54 10.94	17.95
23 33 13 19-0003	EA		8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	112.32 11.21	18.77
23 33 13 19-0004	EA		8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	113.99 11.48	18.93
23 33 13 19-0005	EA		10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	113.99 11.48	18.93
23 33 13 19-0006	EA		10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	116.95 11.74	19.41
23 33 13 19-0007	EA		10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	126.12 12.28	21.51
23 33 13 19-0008	EA		12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	116.95 11.74	19.41
23 33 13 19-0009	EA		12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	122.88 12.28	20.54
23 33 13 19-0010	EA		12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	127.46 12.55	21.51
23 33 13 19-0011	EA		12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	136.89 12.82	24.26
23 33 13 19-0012	EA		14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	122.21 12.15	20.54
23 33 13 19-0013	EA		14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	127.46 12.55	21.51
23 33 13 19-0014	EA		14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	132.04 12.82	22.65
23 33 13 19-0015	EA		14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	138.25 13.09	24.26
23 33 13 19-0016	EA		14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	149.70 13.77	27.01
23 33 13 19-0017	EA		16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	176.73 22.41	21.51
23 33 13 19-0018	EA		16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	182.92 22.68	23.13
23 33 13 19-0019	EA		16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	190.75 22.95	25.39
23 33 13 19-0020	EA		16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	196.93 23.21	27.01
23 33 13 19-0021	EA		16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	208.39 23.89	29.60
23 33 13 19-0022	EA		16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	219.85 24.56	32.34
23 33 13 19-0023	EA		18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	181.31 22.68	22.65
23 33 13 19-0024	EA		18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	188.17 23.08	24.26

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 33 13 19-0025	EA 18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	198.30 23.49	27.01
23 33 13 19-0026	EA 18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	209.74 24.16	29.60
23 33 13 19-0027	EA 18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	220.52 24.70	32.34
23 33 13 19-0028	EA 18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	231.97 25.37	34.94
23 33 13 19-0029	EA 18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	242.09 25.77	37.68
23 33 13 19-0030	EA 20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	187.51 22.95	24.26
23 33 13 19-0031	EA 20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	198.29 23.48	27.01
23 33 13 19-0032	EA 20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	209.06 24.02	29.60
23 33 13 19-0033	EA 20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	222.55 25.10	32.34
23 33 13 19-0034	EA 20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	232.65 25.51	34.94
23 33 13 19-0035	EA 20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	242.77 25.91	37.68
23 33 13 19-0036	EA 20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	253.54 26.45	40.44
23 33 13 19-0037	EA 20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	264.32 26.99	43.02
23 33 13 19-0038	EA 24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	253.37 34.50	27.01
23 33 13 19-0039	EA 24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	265.50 35.31	29.60
23 33 13 19-0040	EA 24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	276.30 35.85	32.34
23 33 13 19-0041	EA 24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	288.41 36.66	34.94
23 33 13 19-0042	EA 24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	298.53 37.06	37.68
23 33 13 19-0043	EA 24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	308.63 37.47	40.44
23 33 13 19-0044	EA 24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	320.76 38.27	43.02
23 33 13 19-0045	EA 24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	340.97 39.08	48.52
23 33 13 19-0046	EA 24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	362.53 40.16	53.85
23 33 13 19-0047	EA 28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	265.50 35.31	29.60
23 33 13 19-0048	EA 28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	276.30 35.85	32.34
23 33 13 19-0049	EA 28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	288.41 36.66	34.94
23 33 13 19-0050	EA 28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	299.20 37.20	37.68
23 33 13 19-0051	EA 28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	310.65 37.87	40.44
23 33 13 19-0052	EA 28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	322.10 38.54	43.02
23 33 13 19-0053	EA 28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	342.31 39.35	48.52
23 33 13 19-0054	EA 28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	362.53 40.16	53.85
23 33 13 19-0055	EA 28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	378.70 41.78	56.61
23 33 13 19-0056	EA 28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	401.61 43.12	61.95
23 33 13 19-0057	EA 32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	280.33 36.66	32.34
23 33 13 19-0058	EA 32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	289.75 36.93	34.94
23 33 13 19-0059	EA 32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	299.20 37.20	37.68
23 33 13 19-0060	EA 32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	309.97 37.73	40.44
23 33 13 19-0061	EA 32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	322.35 38.59	43.02
23 33 13 19-0062	EA 32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	342.31 39.35	48.52
23 33 13 19-0063	EA 32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	363.88 40.43	53.85
23 33 13 19-0064	EA 32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	385.44 41.51	59.19
23 33 13 19-0065	EA 32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	401.61 43.12	61.95
23 33 13 19-0066	EA 32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	423.98 45.01	66.31
23 33 13 19-0067	EA 32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	446.08 47.16	70.04
23 33 13 19-0068	EA 36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	296.67 38.31	34.94

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	307.69 38.89	37.68
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	318.69 39.48	40.44
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	331.18 40.36	43.02
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	349.56 40.80	48.52
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	359.84 41.24	51.11
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	391.42 42.70	59.19
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	414.92 44.17	64.70
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	430.16 45.92	66.80
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	456.43 48.27	71.64
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	478.00 50.31	75.37
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	497.79 52.66	78.12
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	355.49 48.45	40.44
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	369.42 49.62	43.02
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	378.98 49.92	45.77
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	388.54 50.21	48.52
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	409.83 51.24	51.11
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	423.04 52.26	53.85
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	453.17 53.43	61.95
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	475.19 54.60	67.28
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	496.91 56.36	71.64
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	524.34 59.58	75.37
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	546.06 61.34	79.74
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	568.64 64.56	81.84
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	596.23 67.49	86.21
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	366.50 49.04	40.44
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	380.45 50.21	43.02
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	392.93 51.09	45.77
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	402.48 51.38	48.52
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	416.43 52.56	51.11
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	430.36 53.73	53.85
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	470.05 55.19	64.70
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	493.53 56.65	70.04
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	524.34 59.58	75.37
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	553.69 62.22	80.87
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	584.50 65.14	86.21
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	605.77 67.78	88.79
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	627.03 70.42	91.55
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	648.31 73.05	94.29
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	378.98 49.92	43.02
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	392.93 51.09	45.77
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	402.48 51.38	48.52
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	423.04 52.26	53.85
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	445.07 53.43	59.19
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	467.11 54.60	64.70

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.07	70.04
			<i>For 3 Hour Rated, Add</i>	56.36	
23 33 13	19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.02	75.37
			<i>For 3 Hour Rated, Add</i>	58.12	
23 33 13	19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.37	80.87
			<i>For 3 Hour Rated, Add</i>	60.75	
23 33 13	19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	578.64	86.21
			<i>For 3 Hour Rated, Add</i>	63.97	
23 33 13	19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.93	88.79
			<i>For 3 Hour Rated, Add</i>	66.61	
23 33 13	19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	625.56	91.55
			<i>For 3 Hour Rated, Add</i>	70.12	
23 33 13	19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	654.92	96.88
			<i>For 3 Hour Rated, Add</i>	72.76	
23 33 13	19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	680.58	99.63
			<i>For 3 Hour Rated, Add</i>	76.27	
23 33 13	19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.56	107.72
			<i>For 3 Hour Rated, Add</i>	78.62	
23 33 13	19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.46	45.77
			<i>For 3 Hour Rated, Add</i>	50.80	
23 33 13	19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.40	48.52
			<i>For 3 Hour Rated, Add</i>	51.97	
23 33 13	19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.43	53.85
			<i>For 3 Hour Rated, Add</i>	53.14	
23 33 13	19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.07	59.19
			<i>For 3 Hour Rated, Add</i>	53.43	
23 33 13	19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.85	64.70
			<i>For 3 Hour Rated, Add</i>	54.75	
23 33 13	19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.61	70.04
			<i>For 3 Hour Rated, Add</i>	56.07	
23 33 13	19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	515.56	75.37
			<i>For 3 Hour Rated, Add</i>	57.83	
23 33 13	19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.51	80.87
			<i>For 3 Hour Rated, Add</i>	59.58	
23 33 13	19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.87	86.21
			<i>For 3 Hour Rated, Add</i>	62.22	
23 33 13	19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	603.61	91.55
			<i>For 3 Hour Rated, Add</i>	65.73	
23 33 13	19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.33	94.29
			<i>For 3 Hour Rated, Add</i>	68.66	
23 33 13	19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.46	96.88
			<i>For 3 Hour Rated, Add</i>	72.47	
23 33 13	19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	687.18	102.38
			<i>For 3 Hour Rated, Add</i>	75.98	
23 33 13	19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.56	107.72
			<i>For 3 Hour Rated, Add</i>	78.62	
23 33 13	19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	758.37	115.80
			<i>For 3 Hour Rated, Add</i>	82.13	
23 33 13	19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	789.19	121.14
			<i>For 3 Hour Rated, Add</i>	85.06	
23 33 13	19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.48	48.52
			<i>For 3 Hour Rated, Add</i>	51.38	
23 33 13	19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.96	53.85
			<i>For 3 Hour Rated, Add</i>	52.85	
23 33 13	19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.53	59.19
			<i>For 3 Hour Rated, Add</i>	53.73	
23 33 13	19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.18	64.70
			<i>For 3 Hour Rated, Add</i>	54.02	
23 33 13	19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.41	70.04
			<i>For 3 Hour Rated, Add</i>	55.63	
23 33 13	19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.63	75.37
			<i>For 3 Hour Rated, Add</i>	57.24	
23 33 13	19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.85	80.87
			<i>For 3 Hour Rated, Add</i>	58.85	
23 33 13	19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.08	86.21
			<i>For 3 Hour Rated, Add</i>	60.46	
23 33 13	19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	594.81	91.55
			<i>For 3 Hour Rated, Add</i>	63.97	
23 33 13	19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	620.49	94.29
			<i>For 3 Hour Rated, Add</i>	67.49	
23 33 13	19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	644.66	96.88
			<i>For 3 Hour Rated, Add</i>	70.71	
23 33 13	19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.33	102.38
			<i>For 3 Hour Rated, Add</i>	74.81	
23 33 13	19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	715.09	107.72
			<i>For 3 Hour Rated, Add</i>	78.32	
23 33 13	19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	750.29	113.06
			<i>For 3 Hour Rated, Add</i>	82.13	
23 33 13	19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.11	118.55
			<i>For 3 Hour Rated, Add</i>	85.06	
23 33 13	19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	816.31	123.89
			<i>For 3 Hour Rated, Add</i>	88.86	
23 33 13	19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	851.51	129.23
			<i>For 3 Hour Rated, Add</i>	92.67	
23 33 13	19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.04	53.85
			<i>For 3 Hour Rated, Add</i>	52.26	
23 33 13	19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.53	59.19
			<i>For 3 Hour Rated, Add</i>	53.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 33 13 19-0157	EA		60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	465.65 54.31	64.70
23 33 13 19-0158	EA		60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	483.28 54.60	70.04
23 33 13 19-0159	EA		60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	508.24 56.36	75.37
23 33 13 19-0160	EA		60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	533.19 58.12	80.87
23 33 13 19-0161	EA		60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	558.88 60.02	86.21
23 33 13 19-0162	EA		60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	584.58 61.93	91.55
23 33 13 19-0163	EA		60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	611.70 65.73	94.29
23 33 13 19-0164	EA		60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	637.34 69.24	96.88
23 33 13 19-0165	EA		60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	672.56 73.05	102.38
23 33 13 19-0166	EA		60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	707.78 76.86	107.72
23 33 13 19-0167	EA		60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	738.59 79.79	113.06
23 33 13 19-0168	EA		60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	778.18 84.47	118.55
23 33 13 19-0169	EA		60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	814.85 88.57	123.89
23 33 13 19-0170	EA		60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	851.51 92.67	129.23
23 33 13 19-0171	EA		60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	885.25 96.18	134.73
23 33 13 19-0172	EA		60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	919.01 99.70	140.06

23 33 13 19-0173 Smoke Damper (23 33 13 19)

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA		6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	84.47 10.93 9.71	11.97
23 33 13 19-0175	EA		8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	87.31 11.20 9.96	12.50
23 33 13 19-0176	EA		8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	88.77 11.48 10.21	12.61
23 33 13 19-0177	EA		10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	88.77 11.48 10.21	12.61
23 33 13 19-0178	EA		10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	91.08 11.76 10.45	12.94
23 33 13 19-0179	EA		10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	97.84 12.31 10.94	14.34
23 33 13 19-0180	EA		12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	91.08 11.76 10.45	12.94
23 33 13 19-0181	EA		12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	95.68 12.31 10.94	13.69
23 33 13 19-0182	EA		12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	99.08 12.59 11.19	14.34
23 33 13 19-0183	EA		12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	105.69 12.86 11.43	16.17
23 33 13 19-0184	EA		14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	95.07 12.17 10.82	13.69
23 33 13 19-0185	EA		14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	99.08 12.59 11.19	14.34
23 33 13 19-0186	EA		14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	102.46 12.86 11.43	15.10
23 33 13 19-0187	EA		14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	106.93 13.14 11.68	16.17
23 33 13 19-0188	EA		14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	115.39 13.83 12.30	18.01
23 33 13 19-0189	EA		16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	143.86 22.66 20.15	14.34
23 33 13 19-0190	EA		16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	148.33 22.94 20.39	15.42

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.87	16.93
			<i>For Dynamic Damper, Add</i>	23.22	
			<i>For 3 Hour Rated, Add</i>	20.64	
23 33 13	19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.32	18.01
			<i>For Dynamic Damper, Add</i>	23.49	
			<i>For 3 Hour Rated, Add</i>	20.88	
23 33 13	19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.80	19.73
			<i>For Dynamic Damper, Add</i>	24.19	
			<i>For 3 Hour Rated, Add</i>	21.50	
23 33 13	19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.27	21.57
			<i>For Dynamic Damper, Add</i>	24.88	
			<i>For 3 Hour Rated, Add</i>	22.11	
23 33 13	19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.25	15.10
			<i>For Dynamic Damper, Add</i>	22.94	
			<i>For 3 Hour Rated, Add</i>	20.39	
23 33 13	19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.32	16.17
			<i>For Dynamic Damper, Add</i>	23.36	
			<i>For 3 Hour Rated, Add</i>	20.76	
23 33 13	19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.57	18.01
			<i>For Dynamic Damper, Add</i>	23.77	
			<i>For 3 Hour Rated, Add</i>	21.13	
23 33 13	19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.03	19.73
			<i>For Dynamic Damper, Add</i>	24.46	
			<i>For 3 Hour Rated, Add</i>	21.75	
23 33 13	19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.88	21.57
			<i>For Dynamic Damper, Add</i>	25.02	
			<i>For 3 Hour Rated, Add</i>	22.24	
23 33 13	19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.35	23.29
			<i>For Dynamic Damper, Add</i>	25.71	
			<i>For 3 Hour Rated, Add</i>	22.85	
23 33 13	19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.58	25.13
			<i>For Dynamic Damper, Add</i>	26.12	
			<i>For 3 Hour Rated, Add</i>	23.22	
23 33 13	19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.71	16.17
			<i>For Dynamic Damper, Add</i>	23.22	
			<i>For 3 Hour Rated, Add</i>	20.64	
23 33 13	19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.56	18.01
			<i>For Dynamic Damper, Add</i>	23.77	
			<i>For 3 Hour Rated, Add</i>	21.13	
23 33 13	19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.41	19.73
			<i>For Dynamic Damper, Add</i>	24.32	
			<i>For 3 Hour Rated, Add</i>	21.62	
23 33 13	19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.74	21.57
			<i>For Dynamic Damper, Add</i>	25.43	
			<i>For 3 Hour Rated, Add</i>	22.61	
23 33 13	19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.97	23.29
			<i>For Dynamic Damper, Add</i>	25.85	
			<i>For 3 Hour Rated, Add</i>	22.98	
23 33 13	19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.20	25.13
			<i>For Dynamic Damper, Add</i>	26.26	
			<i>For 3 Hour Rated, Add</i>	23.35	
23 33 13	19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.05	26.96
			<i>For Dynamic Damper, Add</i>	26.82	
			<i>For 3 Hour Rated, Add</i>	23.84	
23 33 13	19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.90	28.69
			<i>For Dynamic Damper, Add</i>	27.37	
			<i>For 3 Hour Rated, Add</i>	24.33	
23 33 13	19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.61	18.01
			<i>For Dynamic Damper, Add</i>	32.11	
			<i>For 3 Hour Rated, Add</i>	28.54	
23 33 13	19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.70	19.73
			<i>For Dynamic Damper, Add</i>	32.94	
			<i>For 3 Hour Rated, Add</i>	29.28	
23 33 13	19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.57	21.57
			<i>For Dynamic Damper, Add</i>	33.50	
			<i>For 3 Hour Rated, Add</i>	29.77	
23 33 13	19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.65	23.29
			<i>For Dynamic Damper, Add</i>	34.33	
			<i>For 3 Hour Rated, Add</i>	30.51	
23 33 13	19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.87	25.13
			<i>For Dynamic Damper, Add</i>	34.74	
			<i>For 3 Hour Rated, Add</i>	30.88	
23 33 13	19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.11	26.96
			<i>For Dynamic Damper, Add</i>	35.15	
			<i>For 3 Hour Rated, Add</i>	31.25	
23 33 13	19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.19	28.69
			<i>For Dynamic Damper, Add</i>	35.98	
			<i>For 3 Hour Rated, Add</i>	31.99	
23 33 13	19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.66	32.34
			<i>For Dynamic Damper, Add</i>	36.81	
			<i>For 3 Hour Rated, Add</i>	32.72	
23 33 13	19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.37	35.90
			<i>For Dynamic Damper, Add</i>	37.92	
			<i>For 3 Hour Rated, Add</i>	33.71	
23 33 13	19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.70	19.73
			<i>For Dynamic Damper, Add</i>	32.94	
			<i>For 3 Hour Rated, Add</i>	29.28	
23 33 13	19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.57	21.57
			<i>For Dynamic Damper, Add</i>	33.50	
			<i>For 3 Hour Rated, Add</i>	29.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0221 EA 28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	222.65 34.33 30.51	23.29
23 33 13 19-0222 EA 28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	230.48 34.88 31.00	25.13
23 33 13 19-0223 EA 28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	238.95 35.57 31.62	26.96
23 33 13 19-0224 EA 28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	247.41 36.26 32.23	28.69
23 33 13 19-0225 EA 28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	261.88 37.09 32.97	32.34
23 33 13 19-0226 EA 28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	276.37 37.92 33.71	35.90
23 33 13 19-0227 EA 28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	289.14 39.58 35.18	37.74
23 33 13 19-0228 EA 28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	306.07 40.97 36.41	41.30
23 33 13 19-0229 EA 32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	217.26 34.33 30.51	21.57
23 33 13 19-0230 EA 32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	223.86 34.60 30.75	23.29
23 33 13 19-0231 EA 32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	230.48 34.88 31.00	25.13
23 33 13 19-0232 EA 32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	238.33 35.43 31.49	26.96
23 33 13 19-0233 EA 32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	247.65 36.31 32.28	28.69
23 33 13 19-0234 EA 32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	261.88 37.09 32.97	32.34
23 33 13 19-0235 EA 32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	277.60 38.20 33.95	35.90
23 33 13 19-0236 EA 32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	293.30 39.31 34.94	39.46
23 33 13 19-0237 EA 32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	306.07 40.97 36.41	41.30
23 33 13 19-0238 EA 32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	323.31 42.91 38.14	44.20
23 33 13 19-0239 EA 32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	340.69 45.12 40.10	46.69
23 33 13 19-0240 EA 36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	228.44 35.63 31.67	23.29
23 33 13 19-0241 EA 36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	236.39 36.21 32.18	25.13
23 33 13 19-0242 EA 36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	244.36 36.79 32.70	26.96
23 33 13 19-0243 EA 36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	253.62 37.66 33.47	28.69
23 33 13 19-0244 EA 36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	266.35 38.09 33.86	32.34
23 33 13 19-0245 EA 36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	273.67 38.53 34.25	34.07
23 33 13 19-0246 EA 36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	296.28 39.98 35.54	39.46
23 33 13 19-0247 EA 36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	313.50 41.42 36.82	43.13
23 33 13 19-0248 EA 36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	325.55 43.17 38.37	44.53
23 33 13 19-0249 EA 36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	345.56 45.48 40.43	47.76
23 33 13 19-0250 EA 36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	362.13 47.51 42.23	50.25

23 Heating, Ventilating, And Air-Conditioning (HVAC)
23 30 HVAC Air Distribution
23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0251	EA		36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.83	52.07
			<i>For Dynamic Damper, Add</i>	49.83	
			<i>For 3 Hour Rated, Add</i>	44.30	
23 33 13 19-0252	EA		40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.97	26.96
			<i>For Dynamic Damper, Add</i>	41.96	
			<i>For 3 Hour Rated, Add</i>	37.30	
23 33 13 19-0253	EA		40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.52	28.69
			<i>For Dynamic Damper, Add</i>	43.12	
			<i>For 3 Hour Rated, Add</i>	38.33	
23 33 13 19-0254	EA		40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.20	30.52
			<i>For Dynamic Damper, Add</i>	43.41	
			<i>For 3 Hour Rated, Add</i>	38.59	
23 33 13 19-0255	EA		40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.88	32.34
			<i>For Dynamic Damper, Add</i>	43.70	
			<i>For 3 Hour Rated, Add</i>	38.85	
23 33 13 19-0256	EA		40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.18	34.07
			<i>For Dynamic Damper, Add</i>	44.72	
			<i>For 3 Hour Rated, Add</i>	39.75	
23 33 13 19-0257	EA		40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.09	35.90
			<i>For Dynamic Damper, Add</i>	45.73	
			<i>For 3 Hour Rated, Add</i>	40.65	
23 33 13 19-0258	EA		40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.41	41.30
			<i>For Dynamic Damper, Add</i>	46.89	
			<i>For 3 Hour Rated, Add</i>	41.68	
23 33 13 19-0259	EA		40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.35	44.86
			<i>For Dynamic Damper, Add</i>	48.05	
			<i>For 3 Hour Rated, Add</i>	42.71	
23 33 13 19-0260	EA		40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.71	47.76
			<i>For Dynamic Damper, Add</i>	49.79	
			<i>For 3 Hour Rated, Add</i>	44.26	
23 33 13 19-0261	EA		40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.43	50.25
			<i>For Dynamic Damper, Add</i>	52.98	
			<i>For 3 Hour Rated, Add</i>	47.09	
23 33 13 19-0262	EA		40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.77	53.16
			<i>For Dynamic Damper, Add</i>	54.72	
			<i>For 3 Hour Rated, Add</i>	48.64	
23 33 13 19-0263	EA		40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.26	54.56
			<i>For Dynamic Damper, Add</i>	57.91	
			<i>For 3 Hour Rated, Add</i>	51.47	
23 33 13 19-0264	EA		40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.78	57.47
			<i>For Dynamic Damper, Add</i>	60.81	
			<i>For 3 Hour Rated, Add</i>	54.05	
23 33 13 19-0265	EA		44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.95	26.96
			<i>For Dynamic Damper, Add</i>	42.54	
			<i>For 3 Hour Rated, Add</i>	37.82	
23 33 13 19-0266	EA		44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.49	28.69
			<i>For Dynamic Damper, Add</i>	43.70	
			<i>For 3 Hour Rated, Add</i>	38.85	
23 33 13 19-0267	EA		44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	289.76	30.52
			<i>For Dynamic Damper, Add</i>	44.57	
			<i>For 3 Hour Rated, Add</i>	39.62	
23 33 13 19-0268	EA		44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.44	32.34
			<i>For Dynamic Damper, Add</i>	44.87	
			<i>For 3 Hour Rated, Add</i>	39.88	
23 33 13 19-0269	EA		44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.98	34.07
			<i>For Dynamic Damper, Add</i>	46.02	
			<i>For 3 Hour Rated, Add</i>	40.91	
23 33 13 19-0270	EA		44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.53	35.90
			<i>For Dynamic Damper, Add</i>	47.18	
			<i>For 3 Hour Rated, Add</i>	41.94	
23 33 13 19-0271	EA		44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.54	43.13
			<i>For Dynamic Damper, Add</i>	48.63	
			<i>For 3 Hour Rated, Add</i>	43.23	
23 33 13 19-0272	EA		44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.75	46.69
			<i>For Dynamic Damper, Add</i>	50.08	
			<i>For 3 Hour Rated, Add</i>	44.52	
23 33 13 19-0273	EA		44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.43	50.25
			<i>For Dynamic Damper, Add</i>	52.98	
			<i>For 3 Hour Rated, Add</i>	47.09	
23 33 13 19-0274	EA		44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.80	53.91
			<i>For Dynamic Damper, Add</i>	55.59	
			<i>For 3 Hour Rated, Add</i>	49.41	
23 33 13 19-0275	EA		44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.46	57.47
			<i>For Dynamic Damper, Add</i>	58.49	
			<i>For 3 Hour Rated, Add</i>	51.99	
23 33 13 19-0276	EA		44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.44	59.19
			<i>For Dynamic Damper, Add</i>	61.10	
			<i>For 3 Hour Rated, Add</i>	54.31	
23 33 13 19-0277	EA		44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	466.44	61.03
			<i>For Dynamic Damper, Add</i>	63.71	
			<i>For 3 Hour Rated, Add</i>	56.63	
23 33 13 19-0278	EA		44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.43	62.86
			<i>For Dynamic Damper, Add</i>	66.32	
			<i>For 3 Hour Rated, Add</i>	58.95	
23 33 13 19-0279	EA		48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.20	28.69
			<i>For Dynamic Damper, Add</i>	43.41	
			<i>For 3 Hour Rated, Add</i>	38.59	
23 33 13 19-0280	EA		48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	289.76	30.52
			<i>For Dynamic Damper, Add</i>	44.57	
			<i>For 3 Hour Rated, Add</i>	39.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0281	EA		48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	296.44 44.87 39.88	32.34
23 33 13 19-0282	EA		48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	311.09 45.73 40.65	35.90
23 33 13 19-0283	EA		48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	327.01 46.89 41.68	39.46
23 33 13 19-0284	EA		48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	342.96 48.05 42.71	43.13
23 33 13 19-0285	EA		48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	361.47 49.79 44.26	46.69
23 33 13 19-0286	EA		48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	379.98 51.53 45.80	50.25
23 33 13 19-0287	EA		48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	402.35 54.14 48.12	53.91
23 33 13 19-0288	EA		48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	427.31 57.33 50.96	57.47
23 33 13 19-0289	EA		48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	444.30 59.94 53.28	59.19
23 33 13 19-0290	EA		48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	465.15 63.42 56.37	61.03
23 33 13 19-0291	EA		48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	487.54 66.03 58.69	64.59
23 33 13 19-0292	EA		48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	508.38 69.50 61.78	66.42
23 33 13 19-0293	EA		48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	534.87 71.82 63.84	71.82
23 33 13 19-0294	EA		52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	288.47 44.28 39.36	30.52
23 33 13 19-0295	EA		52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	299.01 45.44 40.39	32.34
23 33 13 19-0296	EA		52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	314.95 46.60 41.42	35.90
23 33 13 19-0297	EA		52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	327.01 46.89 41.68	39.46
23 33 13 19-0298	EA		52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	343.61 48.20 42.84	43.13
23 33 13 19-0299	EA		52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	360.18 49.50 44.00	46.69
23 33 13 19-0300	EA		52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	378.70 51.24 45.55	50.25
23 33 13 19-0301	EA		52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	397.20 52.98 47.09	53.91
23 33 13 19-0302	EA		52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	419.59 55.59 49.41	57.47
23 33 13 19-0303	EA		52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	445.82 59.07 52.50	61.03
23 33 13 19-0304	EA		52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	464.09 61.97 55.08	62.86
23 33 13 19-0305	EA		52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	486.25 65.74 58.43	64.59
23 33 13 19-0306	EA		52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	512.47 69.21 61.52	68.26
23 33 13 19-0307	EA		52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	534.87 71.82 63.84	71.82
23 33 13 19-0308	EA		52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	566.50 75.30 66.94	77.20
23 33 13 19-0309	EA		52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	590.17 78.20 69.51	80.76
23 33 13 19-0310	EA		56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	296.44 44.87 39.88	32.34

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0311	EA		56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	313.66 46.31 41.17	35.90
23 33 13 19-0312	EA		56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	328.30 47.18 41.94	39.46
23 33 13 19-0313	EA		56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	340.37 47.47 42.20	43.13
23 33 13 19-0314	EA		56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	358.25 49.07 43.62	46.69
23 33 13 19-0315	EA		56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	376.12 50.66 45.03	50.25
23 33 13 19-0316	EA		56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	393.98 52.26 46.45	53.91
23 33 13 19-0317	EA		56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	411.85 53.85 47.87	57.47
23 33 13 19-0318	EA		56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	438.09 57.33 50.96	61.03
23 33 13 19-0319	EA		56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	458.95 60.81 54.05	62.86
23 33 13 19-0320	EA		56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	478.52 64.00 56.89	64.59
23 33 13 19-0321	EA		56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	507.33 68.06 60.49	68.26
23 33 13 19-0322	EA		56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	533.58 71.53 63.59	71.82
23 33 13 19-0323	EA		56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	561.11 75.30 66.94	75.37
23 33 13 19-0324	EA		56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	584.79 78.20 69.51	79.03
23 33 13 19-0325	EA		56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	612.31 81.97 72.86	82.59
23 33 13 19-0326	EA		56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	639.85 85.74 76.21	86.15
23 33 13 19-0327	EA		60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	311.09 45.73 40.65	35.90
23 33 13 19-0328	EA		60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	328.30 47.18 41.94	39.46
23 33 13 19-0329	EA		60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	341.66 47.76 42.45	43.13
23 33 13 19-0330	EA		60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.74 48.05 42.71	46.69
23 33 13 19-0331	EA		60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	372.26 49.79 44.26	50.25
23 33 13 19-0332	EA		60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	390.75 51.53 45.80	53.91
23 33 13 19-0333	EA		60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	409.92 53.42 47.48	57.47
23 33 13 19-0334	EA		60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	429.07 55.30 49.15	61.03
23 33 13 19-0335	EA		60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	451.21 59.07 52.50	62.86
23 33 13 19-0336	EA		60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	472.07 62.55 55.60	64.59
23 33 13 19-0337	EA		60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.60 66.32 58.95	68.26
23 33 13 19-0338	EA		60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	527.14 70.09 62.30	71.82
23 33 13 19-0339	EA		60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	550.80 72.98 64.87	75.37
23 33 13 19-0340	EA		60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	582.20 77.62 69.00	79.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0341	EA		60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	611.01 81.68 72.60	82.59
23 33 13 19-0342	EA		60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	639.85 85.74 76.21	86.15
23 33 13 19-0343	EA		60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	666.07 89.21 79.30	89.82
23 33 13 19-0344	EA		60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	692.34 92.70 82.40	93.37

23 33 13 23 Backdraft Dampers (23 33 13)

23 33 13 23-0001 Horizontally Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA		6" x 6" Horizontally Mounted Backdraft Damper	72.33	11.97
23 33 13 23-0003	EA		8" x 6" Horizontally Mounted Backdraft Damper	86.09	12.50
23 33 13 23-0004	EA		8" x 8" Horizontally Mounted Backdraft Damper	102.49	12.61
23 33 13 23-0005	EA		10" x 6" Horizontally Mounted Backdraft Damper	98.46	12.61
23 33 13 23-0006	EA		10" x 8" Horizontally Mounted Backdraft Damper	94.71	12.94
23 33 13 23-0007	EA		10" x 10" Horizontally Mounted Backdraft Damper	113.00	14.34
23 33 13 23-0008	EA		12" x 6" Horizontally Mounted Backdraft Damper	89.12	12.94
23 33 13 23-0009	EA		12" x 8" Horizontally Mounted Backdraft Damper	110.20	14.34
23 33 13 23-0010	EA		12" x 10" Horizontally Mounted Backdraft Damper	106.35	15.10
23 33 13 23-0011	EA		12" x 12" Horizontally Mounted Backdraft Damper	121.79	16.17
23 33 13 23-0012	EA		14" x 6" Horizontally Mounted Backdraft Damper	99.66	13.69
23 33 13 23-0013	EA		14" x 8" Horizontally Mounted Backdraft Damper	102.27	15.10
23 33 13 23-0014	EA		14" x 10" Horizontally Mounted Backdraft Damper	119.77	16.17
23 33 13 23-0015	EA		14" x 12" Horizontally Mounted Backdraft Damper	108.71	18.01
23 33 13 23-0016	EA		14" x 14" Horizontally Mounted Backdraft Damper	123.24	19.73
23 33 13 23-0017	EA		16" x 6" Horizontally Mounted Backdraft Damper	110.20	14.34
23 33 13 23-0018	EA		16" x 8" Horizontally Mounted Backdraft Damper	113.65	16.17
23 33 13 23-0019	EA		16" x 10" Horizontally Mounted Backdraft Damper	106.10	18.01
23 33 13 23-0020	EA		16" x 12" Horizontally Mounted Backdraft Damper	116.53	18.01
23 33 13 23-0021	EA		16" x 14" Horizontally Mounted Backdraft Damper	132.37	19.73
23 33 13 23-0022	EA		16" x 16" Horizontally Mounted Backdraft Damper	148.20	21.57
23 33 13 23-0023	EA		18" x 6" Horizontally Mounted Backdraft Damper	100.25	15.10
23 33 13 23-0024	EA		18" x 8" Horizontally Mounted Backdraft Damper	95.48	16.17
23 33 13 23-0025	EA		18" x 10" Horizontally Mounted Backdraft Damper	112.61	18.01
23 33 13 23-0026	EA		18" x 12" Horizontally Mounted Backdraft Damper	129.75	19.73
23 33 13 23-0027	EA		18" x 14" Horizontally Mounted Backdraft Damper	146.89	21.57
23 33 13 23-0028	EA		18" x 16" Horizontally Mounted Backdraft Damper	167.03	23.29
23 33 13 23-0029	EA		18" x 18" Horizontally Mounted Backdraft Damper	189.93	26.96
23 33 13 23-0030	EA		18" x 20" Horizontally Mounted Backdraft Damper	159.76	28.69
23 33 13 23-0031	EA		18" x 24" Horizontally Mounted Backdraft Damper	185.22	32.34
23 33 13 23-0032	EA		20" x 6" Horizontally Mounted Backdraft Damper	109.58	16.17
23 33 13 23-0033	EA		20" x 8" Horizontally Mounted Backdraft Damper	106.10	18.01
23 33 13 23-0034	EA		20" x 10" Horizontally Mounted Backdraft Damper	124.53	19.73
23 33 13 23-0035	EA		20" x 12" Horizontally Mounted Backdraft Damper	142.98	21.57
23 33 13 23-0036	EA		20" x 14" Horizontally Mounted Backdraft Damper	164.34	23.29
23 33 13 23-0037	EA		20" x 16" Horizontally Mounted Backdraft Damper	183.18	25.13
23 33 13 23-0038	EA		20" x 18" Horizontally Mounted Backdraft Damper	159.76	28.69
23 33 13 23-0039	EA		20" x 20" Horizontally Mounted Backdraft Damper	167.92	28.69
23 33 13 23-0040	EA		20" x 24" Horizontally Mounted Backdraft Damper	195.02	32.34
23 33 13 23-0041	EA		20" x 28" Horizontally Mounted Backdraft Damper	222.14	35.90
23 33 13 23-0042	EA		20" x 32" Horizontally Mounted Backdraft Damper	211.91	39.46
23 33 13 23-0043	EA		20" x 36" Horizontally Mounted Backdraft Damper	234.36	43.13
23 33 13 23-0044	EA		24" x 6" Horizontally Mounted Backdraft Damper	100.87	18.01
23 33 13 23-0045	EA		24" x 8" Horizontally Mounted Backdraft Damper	121.92	19.73
23 33 13 23-0046	EA		24" x 10" Horizontally Mounted Backdraft Damper	142.98	21.57
23 33 13 23-0047	EA		24" x 12" Horizontally Mounted Backdraft Damper	167.03	23.29
23 33 13 23-0048	EA		24" x 14" Horizontally Mounted Backdraft Damper	149.46	26.96
23 33 13 23-0049	EA		24" x 16" Horizontally Mounted Backdraft Damper	164.65	28.69
23 33 13 23-0050	EA		24" x 18" Horizontally Mounted Backdraft Damper	185.22	32.34
23 33 13 23-0051	EA		24" x 20" Horizontally Mounted Backdraft Damper	195.02	32.34
23 33 13 23-0052	EA		24" x 24" Horizontally Mounted Backdraft Damper	225.41	35.90
23 33 13 23-0053	EA		24" x 28" Horizontally Mounted Backdraft Damper	216.57	39.46
23 33 13 23-0054	EA		24" x 32" Horizontally Mounted Backdraft Damper	241.36	43.13
23 33 13 23-0055	EA		24" x 36" Horizontally Mounted Backdraft Damper	266.13	46.69
23 33 13 23-0056	EA		24" x 40" Horizontally Mounted Backdraft Damper	262.93	50.25
23 33 13 23-0057	EA		24" x 44" Horizontally Mounted Backdraft Damper	284.90	53.91
23 33 13 23-0058	EA		24" x 48" Horizontally Mounted Backdraft Damper	296.09	53.91
23 33 13 23-0059	EA		28" x 6" Horizontally Mounted Backdraft Damper	108.71	18.01
23 33 13 23-0060	EA		28" x 8" Horizontally Mounted Backdraft Damper	132.37	19.73
23 33 13 23-0061	EA		28" x 10" Horizontally Mounted Backdraft Damper	164.34	23.29
23 33 13 23-0062	EA		28" x 12" Horizontally Mounted Backdraft Damper	149.46	26.96
23 33 13 23-0063	EA		28" x 14" Horizontally Mounted Backdraft Damper	166.28	28.69
23 33 13 23-0064	EA		28" x 16" Horizontally Mounted Backdraft Damper	188.50	32.34
23 33 13 23-0065	EA		28" x 18" Horizontally Mounted Backdraft Damper	210.72	35.90
23 33 13 23-0066	EA		28" x 20" Horizontally Mounted Backdraft Damper	222.14	35.90
23 33 13 23-0067	EA		28" x 24" Horizontally Mounted Backdraft Damper	216.57	39.46
23 33 13 23-0068	EA		28" x 28" Horizontally Mounted Backdraft Damper	243.70	43.13
23 33 13 23-0069	EA		28" x 32" Horizontally Mounted Backdraft Damper	270.80	46.69

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST

23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	279.29	53.91
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	292.36	53.91
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	316.21	57.47
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	340.06	61.03
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	353.13	61.03
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	354.12	64.59
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	365.53	64.59
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	121.92	19.73
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	156.26	23.29
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	183.18	25.13
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	164.65	28.69
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	188.50	32.34
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	212.34	35.90
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	191.81	35.90
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	211.91	39.46
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	241.36	43.13
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	270.80	46.69
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	281.17	53.91
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	296.09	53.91
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	321.81	57.47
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	347.52	61.03
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	350.85	64.59
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	363.92	64.59
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	387.74	68.26
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	400.81	68.26
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	394.80	71.82
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	405.99	71.82
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	427.97	75.37
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	129.75	19.73
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	172.41	25.13
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	159.76	28.69
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	185.22	32.34
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	210.72	35.90
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	191.81	35.90
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	213.07	39.46
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	234.36	43.13
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	266.13	46.69
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	279.29	53.91
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	296.09	53.91
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	323.67	57.47
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	351.25	61.03
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	355.74	64.59
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	381.21	68.26
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	395.90	68.26
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	392.00	71.82
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	404.59	71.82
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	427.97	75.37
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	440.56	75.37
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	453.17	75.37
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	142.98	21.57
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	188.58	26.96
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	167.92	28.69
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	195.02	32.34
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	222.14	35.90
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	211.91	39.46
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	234.36	43.13
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	256.79	46.69
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	262.93	50.25
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	292.36	53.91
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	321.81	57.47
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	351.25	61.03
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	357.37	64.59
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	384.47	68.26
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	400.81	68.26
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	390.60	71.82
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	158.96	23.29
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	158.12	28.69
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	186.86	32.34
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	215.61	35.90
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	208.40	39.46
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	232.02	43.13
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	244.86	43.13
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	268.47	46.69
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	284.90	53.91
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	316.21	57.47
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	347.52	61.03
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	355.74	64.59
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	384.47	68.26
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	402.43	68.26
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	400.40	71.82
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	408.09	71.82
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	172.41	25.13
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	164.65	28.69
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	195.02	32.34
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	191.81	35.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 33 13 23-0155	EA	48" x 14"	Horizontally Mounted Backdraft Damper	216.57	39.46
23 33 13 23-0156	EA	48" x 16"	Horizontally Mounted Backdraft Damper	241.36	43.13
23 33 13 23-0157	EA	48" x 18"	Horizontally Mounted Backdraft Damper	266.13	46.69
23 33 13 23-0158	EA	48" x 20"	Horizontally Mounted Backdraft Damper	262.93	50.25
23 33 13 23-0159	EA	48" x 24"	Horizontally Mounted Backdraft Damper	296.09	53.91
23 33 13 23-0160	EA	48" x 28"	Horizontally Mounted Backdraft Damper	340.06	61.03
23 33 13 23-0161	EA	48" x 32"	Horizontally Mounted Backdraft Damper	350.85	64.59
23 33 13 23-0162	EA	48" x 36"	Horizontally Mounted Backdraft Damper	381.21	68.26
23 33 13 23-0163	EA	48" x 40"	Horizontally Mounted Backdraft Damper	400.81	68.26
23 33 13 23-0164	EA	48" x 44"	Horizontally Mounted Backdraft Damper	400.40	71.82
23 33 13 23-0165	EA	48" x 48"	Horizontally Mounted Backdraft Damper	427.97	75.37
23 33 13 23-0166	EA	48" x 50"	Horizontally Mounted Backdraft Damper	436.37	75.37
23 33 13 23-0167	EA	50" x 6"	Horizontally Mounted Backdraft Damper	176.45	25.13
23 33 13 23-0168	EA	50" x 8"	Horizontally Mounted Backdraft Damper	178.70	32.34
23 33 13 23-0169	EA	50" x 10"	Horizontally Mounted Backdraft Damper	209.90	35.90
23 33 13 23-0170	EA	50" x 12"	Horizontally Mounted Backdraft Damper	206.07	39.46
23 33 13 23-0171	EA	50" x 14"	Horizontally Mounted Backdraft Damper	231.45	43.13
23 33 13 23-0172	EA	50" x 16"	Horizontally Mounted Backdraft Damper	256.79	46.69
23 33 13 23-0173	EA	50" x 18"	Horizontally Mounted Backdraft Damper	282.17	50.25
23 33 13 23-0174	EA	50" x 20"	Horizontally Mounted Backdraft Damper	278.35	53.91
23 33 13 23-0175	EA	50" x 24"	Horizontally Mounted Backdraft Damper	312.47	57.47
23 33 13 23-0176	EA	50" x 28"	Horizontally Mounted Backdraft Damper	346.58	61.03
23 33 13 23-0177	EA	50" x 32"	Horizontally Mounted Backdraft Damper	357.37	64.59
23 33 13 23-0178	EA	50" x 36"	Horizontally Mounted Backdraft Damper	388.56	68.26
23 33 13 23-0179	EA	50" x 40"	Horizontally Mounted Backdraft Damper	390.60	71.82
23 33 13 23-0180	EA	50" x 44"	Horizontally Mounted Backdraft Damper	408.09	71.82
23 33 13 23-0181	EA	50" x 48"	Horizontally Mounted Backdraft Damper	436.37	75.37
23 33 13 23-0182	EA	50" x 50"	Horizontally Mounted Backdraft Damper	445.11	75.37

23 33 13 23-0183

Vertically Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6"	Vertically Mounted Backdraft Damper	77.85	11.97
23 33 13 23-0185	EA	8" x 6"	Vertically Mounted Backdraft Damper	93.46	12.50
23 33 13 23-0186	EA	10" x 6"	Vertically Mounted Backdraft Damper	96.02	12.61
23 33 13 23-0187	EA	8" x 8"	Vertically Mounted Backdraft Damper	99.90	12.61
23 33 13 23-0188	EA	12" x 6"	Vertically Mounted Backdraft Damper	108.75	12.94
23 33 13 23-0189	EA	10" x 8"	Vertically Mounted Backdraft Damper	120.83	14.34
23 33 13 23-0190	EA	14" x 6"	Vertically Mounted Backdraft Damper	120.41	12.94
23 33 13 23-0191	EA	12" x 8"	Vertically Mounted Backdraft Damper	136.38	14.34
23 33 13 23-0192	EA	16" x 6"	Vertically Mounted Backdraft Damper	138.54	15.10
23 33 13 23-0193	EA	10" x 10"	Vertically Mounted Backdraft Damper	145.65	16.17
23 33 13 23-0194	EA	18" x 6"	Vertically Mounted Backdraft Damper	117.65	13.69
23 33 13 23-0195	EA	14" x 8"	Vertically Mounted Backdraft Damper	124.82	15.10
23 33 13 23-0196	EA	12" x 10"	Vertically Mounted Backdraft Damper	133.72	16.17
23 33 13 23-0197	EA	20" x 6"	Vertically Mounted Backdraft Damper	139.11	18.01
23 33 13 23-0198	EA	16" x 8"	Vertically Mounted Backdraft Damper	150.18	19.73
23 33 13 23-0199	EA	14" x 10"	Vertically Mounted Backdraft Damper	142.53	14.34
23 33 13 23-0200	EA	12" x 12"	Vertically Mounted Backdraft Damper	150.76	16.17
23 33 13 23-0201	EA	18" x 8"	Vertically Mounted Backdraft Damper	135.30	18.01
23 33 13 23-0202	EA	24" x 6"	Vertically Mounted Backdraft Damper	135.30	18.01
23 33 13 23-0203	EA	16" x 10"	Vertically Mounted Backdraft Damper	149.72	19.73
23 33 13 23-0204	EA	20" x 8"	Vertically Mounted Backdraft Damper	155.12	21.57
23 33 13 23-0205	EA	14" x 12"	Vertically Mounted Backdraft Damper	140.22	15.10
23 33 13 23-0206	EA	28" x 6"	Vertically Mounted Backdraft Damper	143.45	16.17
23 33 13 23-0207	EA	18" x 10"	Vertically Mounted Backdraft Damper	155.62	18.01
23 33 13 23-0208	EA	16" x 12"	Vertically Mounted Backdraft Damper	167.80	19.73
23 33 13 23-0209	EA	24" x 8"	Vertically Mounted Backdraft Damper	173.20	21.57
23 33 13 23-0210	EA	32" x 6"	Vertically Mounted Backdraft Damper	178.59	23.29
23 33 13 23-0211	EA	14" x 14"	Vertically Mounted Backdraft Damper	191.63	26.96
23 33 13 23-0212	EA	20" x 10"	Vertically Mounted Backdraft Damper	191.43	28.69
23 33 13 23-0213	EA	18" x 12"	Vertically Mounted Backdraft Damper	210.63	32.34
23 33 13 23-0214	EA	36" x 6"	Vertically Mounted Backdraft Damper	162.11	16.17
23 33 13 23-0215	EA	16" x 14"	Vertically Mounted Backdraft Damper	171.71	18.01
23 33 13 23-0216	EA	28" x 8"	Vertically Mounted Backdraft Damper	177.10	19.73
23 33 13 23-0217	EA	20" x 12"	Vertically Mounted Backdraft Damper	190.90	21.57
23 33 13 23-0218	EA	24" x 10"	Vertically Mounted Backdraft Damper	196.29	23.29
23 33 13 23-0219	EA	40" x 6"	Vertically Mounted Backdraft Damper	201.67	25.13
23 33 13 23-0220	EA	18" x 14"	Vertically Mounted Backdraft Damper	218.78	28.69
23 33 13 23-0221	EA	16" x 16"	Vertically Mounted Backdraft Damper	220.88	28.69
23 33 13 23-0222	EA	32" x 8"	Vertically Mounted Backdraft Damper	231.66	32.34
23 33 13 23-0223	EA	44" x 6"	Vertically Mounted Backdraft Damper	246.66	35.90
23 33 13 23-0224	EA	20" x 14"	Vertically Mounted Backdraft Damper	265.85	39.46
23 33 13 23-0225	EA	28" x 10"	Vertically Mounted Backdraft Damper	276.64	43.13
23 33 13 23-0226	EA	18" x 16"	Vertically Mounted Backdraft Damper	205.37	18.01
23 33 13 23-0227	EA	24" x 12"	Vertically Mounted Backdraft Damper	210.76	19.73
23 33 13 23-0228	EA	36" x 8"	Vertically Mounted Backdraft Damper	216.16	21.57
23 33 13 23-0229	EA	48" x 6"	Vertically Mounted Backdraft Damper	221.55	23.29
23 33 13 23-0230	EA	50" x 6"	Vertically Mounted Backdraft Damper	238.63	26.96
23 33 13 23-0231	EA	20" x 16"	Vertically Mounted Backdraft Damper	254.53	28.69
23 33 13 23-0232	EA	32" x 10"	Vertically Mounted Backdraft Damper	265.31	32.34
23 33 13 23-0233	EA	40" x 8"	Vertically Mounted Backdraft Damper	265.31	32.34
23 33 13 23-0234	EA	18" x 18"	Vertically Mounted Backdraft Damper	242.45	35.90
23 33 13 23-0235	EA	24" x 14"	Vertically Mounted Backdraft Damper	234.53	39.46
23 33 13 23-0236	EA	28" x 12"	Vertically Mounted Backdraft Damper	245.32	43.13

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

 MINOR
CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0237	EA		44" x 8" Vertically Mounted Backdraft Damper	261.62	46.69
23 33 13 23-0238	EA		18" x 20" Vertically Mounted Backdraft Damper	275.17	50.25
23 33 13 23-0239	EA		20" x 18" Vertically Mounted Backdraft Damper	285.94	53.91
23 33 13 23-0240	EA		36" x 10" Vertically Mounted Backdraft Damper	285.94	53.91
23 33 13 23-0241	EA		24" x 16" Vertically Mounted Backdraft Damper	186.40	18.01
23 33 13 23-0242	EA		32" x 12" Vertically Mounted Backdraft Damper	191.79	19.73
23 33 13 23-0243	EA		48" x 8" Vertically Mounted Backdraft Damper	202.58	23.29
23 33 13 23-0244	EA		28" x 14" Vertically Mounted Backdraft Damper	216.12	26.96
23 33 13 23-0245	EA		20" x 20" Vertically Mounted Backdraft Damper	224.27	28.69
23 33 13 23-0246	EA		40" x 10" Vertically Mounted Backdraft Damper	235.05	32.34
23 33 13 23-0247	EA		50" x 8" Vertically Mounted Backdraft Damper	245.84	35.90
23 33 13 23-0248	EA		18" x 24" Vertically Mounted Backdraft Damper	256.88	35.90
23 33 13 23-0249	EA		24" x 18" Vertically Mounted Backdraft Damper	267.65	39.46
23 33 13 23-0250	EA		36" x 12" Vertically Mounted Backdraft Damper	278.44	43.13
23 33 13 23-0251	EA		44" x 10" Vertically Mounted Backdraft Damper	291.98	46.69
23 33 13 23-0252	EA		28" x 16" Vertically Mounted Backdraft Damper	316.30	53.91
23 33 13 23-0253	EA		32" x 14" Vertically Mounted Backdraft Damper	316.30	53.91
23 33 13 23-0254	EA		20" x 24" Vertically Mounted Backdraft Damper	339.52	57.47
23 33 13 23-0255	EA		24" x 20" Vertically Mounted Backdraft Damper	324.87	61.03
23 33 13 23-0256	EA		40" x 12" Vertically Mounted Backdraft Damper	324.87	61.03
23 33 13 23-0257	EA		48" x 10" Vertically Mounted Backdraft Damper	335.66	64.59
23 33 13 23-0258	EA		50" x 10" Vertically Mounted Backdraft Damper	341.56	64.59
23 33 13 23-0259	EA		28" x 18" Vertically Mounted Backdraft Damper	207.94	19.73
23 33 13 23-0260	EA		36" x 14" Vertically Mounted Backdraft Damper	218.73	23.29
23 33 13 23-0261	EA		32" x 16" Vertically Mounted Backdraft Damper	226.48	25.13
23 33 13 23-0262	EA		44" x 12" Vertically Mounted Backdraft Damper	241.98	28.69
23 33 13 23-0263	EA		20" x 28" Vertically Mounted Backdraft Damper	262.20	32.34
23 33 13 23-0264	EA		28" x 20" Vertically Mounted Backdraft Damper	272.99	35.90
23 33 13 23-0265	EA		40" x 14" Vertically Mounted Backdraft Damper	272.99	35.90
23 33 13 23-0266	EA		24" x 24" Vertically Mounted Backdraft Damper	288.48	39.46
23 33 13 23-0267	EA		32" x 18" Vertically Mounted Backdraft Damper	299.27	43.13
23 33 13 23-0268	EA		36" x 16" Vertically Mounted Backdraft Damper	310.05	46.69
23 33 13 23-0269	EA		48" x 12" Vertically Mounted Backdraft Damper	331.61	53.91
23 33 13 23-0270	EA		50" x 12" Vertically Mounted Backdraft Damper	338.70	53.91
23 33 13 23-0271	EA		44" x 14" Vertically Mounted Backdraft Damper	354.21	57.47
23 33 13 23-0272	EA		20" x 32" Vertically Mounted Backdraft Damper	372.06	61.03
23 33 13 23-0273	EA		32" x 20" Vertically Mounted Backdraft Damper	382.85	64.59
23 33 13 23-0274	EA		40" x 16" Vertically Mounted Backdraft Damper	382.85	64.59
23 33 13 23-0275	EA		36" x 18" Vertically Mounted Backdraft Damper	395.97	68.26
23 33 13 23-0276	EA		24" x 28" Vertically Mounted Backdraft Damper	404.23	68.26
23 33 13 23-0277	EA		28" x 24" Vertically Mounted Backdraft Damper	397.93	71.82
23 33 13 23-0278	EA		48" x 14" Vertically Mounted Backdraft Damper	397.93	71.82
23 33 13 23-0279	EA		50" x 14" Vertically Mounted Backdraft Damper	416.31	75.37
23 33 13 23-0280	EA		44" x 16" Vertically Mounted Backdraft Damper	250.26	19.73
23 33 13 23-0281	EA		20" x 36" Vertically Mounted Backdraft Damper	270.77	25.13
23 33 13 23-0282	EA		36" x 20" Vertically Mounted Backdraft Damper	281.56	28.69
23 33 13 23-0283	EA		40" x 18" Vertically Mounted Backdraft Damper	292.34	32.34
23 33 13 23-0284	EA		24" x 32" Vertically Mounted Backdraft Damper	316.15	35.90
23 33 13 23-0285	EA		32" x 24" Vertically Mounted Backdraft Damper	316.15	35.90
23 33 13 23-0286	EA		48" x 16" Vertically Mounted Backdraft Damper	326.92	39.46
23 33 13 23-0287	EA		28" x 28" Vertically Mounted Backdraft Damper	342.05	43.13
23 33 13 23-0288	EA		44" x 18" Vertically Mounted Backdraft Damper	355.00	46.69
23 33 13 23-0289	EA		40" x 20" Vertically Mounted Backdraft Damper	378.72	53.91
23 33 13 23-0290	EA		50" x 16" Vertically Mounted Backdraft Damper	378.72	53.91
23 33 13 23-0291	EA		24" x 36" Vertically Mounted Backdraft Damper	406.88	57.47
23 33 13 23-0292	EA		36" x 24" Vertically Mounted Backdraft Damper	417.66	61.03
23 33 13 23-0293	EA		48" x 18" Vertically Mounted Backdraft Damper	428.45	64.59
23 33 13 23-0294	EA		44" x 20" Vertically Mounted Backdraft Damper	443.56	68.26
23 33 13 23-0295	EA		28" x 32" Vertically Mounted Backdraft Damper	447.91	68.26
23 33 13 23-0296	EA		32" x 28" Vertically Mounted Backdraft Damper	458.70	71.82
23 33 13 23-0297	EA		50" x 18" Vertically Mounted Backdraft Damper	459.77	71.82
23 33 13 23-0298	EA		24" x 40" Vertically Mounted Backdraft Damper	486.83	75.37
23 33 13 23-0299	EA		40" x 24" Vertically Mounted Backdraft Damper	486.83	75.37
23 33 13 23-0300	EA		48" x 20" Vertically Mounted Backdraft Damper	486.83	75.37
23 33 13 23-0301	EA		50" x 20" Vertically Mounted Backdraft Damper	335.95	21.57
23 33 13 23-0302	EA		28" x 36" Vertically Mounted Backdraft Damper	354.28	26.96
23 33 13 23-0303	EA		36" x 28" Vertically Mounted Backdraft Damper	359.67	28.69
23 33 13 23-0304	EA		32" x 32" Vertically Mounted Backdraft Damper	374.80	32.34
23 33 13 23-0305	EA		24" x 44" Vertically Mounted Backdraft Damper	363.30	35.90
23 33 13 23-0306	EA		44" x 24" Vertically Mounted Backdraft Damper	374.07	39.46
23 33 13 23-0307	EA		28" x 40" Vertically Mounted Backdraft Damper	400.33	43.13
23 33 13 23-0308	EA		40" x 28" Vertically Mounted Backdraft Damper	411.11	46.69
23 33 13 23-0309	EA		24" x 48" Vertically Mounted Backdraft Damper	429.66	50.25
23 33 13 23-0310	EA		32" x 36" Vertically Mounted Backdraft Damper	440.43	53.91
23 33 13 23-0311	EA		36" x 32" Vertically Mounted Backdraft Damper	451.22	57.47
23 33 13 23-0312	EA		48" x 24" Vertically Mounted Backdraft Damper	462.00	61.03
23 33 13 23-0313	EA		50" x 24" Vertically Mounted Backdraft Damper	484.39	64.59
23 33 13 23-0314	EA		28" x 44" Vertically Mounted Backdraft Damper	502.90	68.26
23 33 13 23-0315	EA		44" x 28" Vertically Mounted Backdraft Damper	502.90	68.26
23 33 13 23-0316	EA		32" x 40" Vertically Mounted Backdraft Damper	525.31	71.82
23 33 13 23-0317	EA		40" x 32" Vertically Mounted Backdraft Damper	379.75	23.29
23 33 13 23-0318	EA		36" x 36" Vertically Mounted Backdraft Damper	399.79	28.69
23 33 13 23-0319	EA		28" x 48" Vertically Mounted Backdraft Damper	422.17	32.34
23 33 13 23-0320	EA		48" x 28" Vertically Mounted Backdraft Damper	432.96	35.90
23 33 13 23-0321	EA		50" x 28" Vertically Mounted Backdraft Damper	457.28	39.46

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	470.01	43.13
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	470.01	43.13
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	489.50	46.69
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	475.26	53.91
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	489.52	57.47
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	517.72	61.03
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	528.51	64.59
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	546.25	68.26
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	549.74	68.26
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	560.53	71.82
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	564.01	71.82
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	423.83	25.13
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	448.56	28.69
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	462.81	32.34
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	484.07	35.90
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	494.84	39.46
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	512.60	43.13
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	523.38	46.69
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	541.12	50.25
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	510.09	53.91
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	545.60	61.03
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	565.67	64.59
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	576.44	68.26
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	576.44	68.26
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	590.34	71.82
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	613.50	75.37
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	613.50	75.37
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	465.63	25.13
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	493.40	32.34
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	516.58	35.90
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	527.35	39.46
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	547.43	43.13
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	561.31	46.69
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	523.52	50.25
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	534.29	53.91
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	562.68	57.47
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	573.46	61.03
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	584.25	64.59
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	611.27	68.26
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	622.06	71.82
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	630.19	71.82
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	649.78	75.37
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	665.36	75.37

23 33 13 23-0365 Backdraft Damper Accessories (23 33 13 23)

23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper.....	176.96	26.28
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper.....	291.13	26.28

23 33 13 33 Splitter Damper Hardware (23 33 13)

23 33 13 33-0001	EA	Splitter Damper, Hardware	32.61	7.53
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23 33 13 43 Blower Check Valve (23 33 13)

23 33 13 43-0001 Blower Check Valves With Silicone Seals (23 33 13 43)

23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	168.06	27.82
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	188.06	31.70
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	242.42	42.05
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	328.75	48.52
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	370.85	58.23
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	544.34	73.76

23 33 13 43-0008 Blower Check Valves With Viton Seats (23 33 13 43)

23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	225.52	27.82
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	256.36	31.70
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	289.97	42.05
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	399.94	48.52
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	449.44	58.23
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	683.36	73.76

23 33 19 Duct Silencers (23 33)

23 33 19 00-0001 36" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	312.10	44.11
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	374.53	50.56
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	483.18	58.09
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	585.77	65.63
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	543.73	65.63
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	689.77	68.86
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	760.96	73.16
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	834.32	77.46

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,089.31	88.22
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	686.75	73.16
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	923.56	88.22
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,622.66	118.34
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,792.85	124.80
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,999.97	134.48
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,244.31	146.31

23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	348.27	96.83
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	419.14	111.89
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	542.13	129.10
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	657.30	145.23
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	609.51	145.23
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	776.86	153.84
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	854.07	161.37
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	932.90	169.98
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,225.04	193.65
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	769.73	161.37
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,036.68	193.65
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,816.82	254.97
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,026.36	276.48
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,248.25	293.70
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,529.01	322.75

23 33 19 00-0033 84" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	299.12	80.69
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	509.13	120.49
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	711.93	176.43
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	401.68	96.83
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	497.86	111.89
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	671.45	129.10
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	791.08	138.78
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	862.98	149.54
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,081.78	161.37
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,276.98	176.43
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	744.90	149.54
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,051.68	155.99
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,146.44	161.37
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,247.76	169.98
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,560.15	182.89
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,691.70	193.65

23 33 23 Turning Vanes (23 33)

23 33 23 00-0001 Duct Turning Vane Components (23 33 23)

23 33 23 00-0002	LF	Duct Turning Vane Rail.....	7.35	2.69
		<i>For Stainless Steel, Add</i>	2.30	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane.....	4.90	1.08
		<i>For Stainless Steel, Add</i>	3.47	

23 33 23 00-0004 Duct Turning Vane Sets (23 33 23)

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets.....	17.29	4.03
		<i>For Stainless Steel, Add</i>	15.91	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets.....	20.87	4.30
		<i>For Stainless Steel, Add</i>	20.14	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets.....	27.38	4.51
		<i>For Stainless Steel, Add</i>	28.18	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets.....	33.93	4.85
		<i>For Stainless Steel, Add</i>	36.24	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets.....	37.43	5.17
		<i>For Stainless Steel, Add</i>	40.27	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets.....	46.31	4.85
		<i>For Stainless Steel, Add</i>	52.35	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets.....	56.74	5.70
		<i>For Stainless Steel, Add</i>	64.44	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets.....	60.75	5.96
		<i>For Stainless Steel, Add</i>	69.29	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets.....	67.43	6.19
		<i>For Stainless Steel, Add</i>	77.60	

23 33 33 Duct-Mounting Access Doors (23 33)

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication (23 33 33)

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication.....	90.07	15.06
		<i>For Stainless Steel, Add</i>	59.12	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication.....	96.28	15.06
		<i>For Stainless Steel, Add</i>	71.54	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication.....	99.32	15.06
		<i>For Stainless Steel, Add</i>	77.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0005	EA		12" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	129.20 109.44	18.29
23 33 33 00-0006	EA		16" x 12" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	130.43 111.90	18.29
23 33 33 00-0007	EA		18" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	161.22 128.78	24.74
23 33 33 00-0008	EA		24" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	190.37 138.68	30.12
23 33 33 00-0009	EA		24" x 24" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	246.51 170.28	40.88
23 33 43 Flexible Connectors (23 33)					
23 33 43 00-0001	LF		6-1/2" Width, Galvanized Steel, Flexible Duct Connector.....	13.20	3.23
23 33 43 00-0002	LF		5-3/4" Width, Vinyl/Steel, Flexible Duct Connector.....	13.17	2.91
23 33 46 Flexible Ducts (23 33)					
23 33 46 00-0001	Flexible Duct, R8.0 Insulated With Metallized Outer Jacket (23 33 46)				
Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.					
23 33 46 00-0002	LF		4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	6.05	1.08
23 33 46 00-0003	LF		5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	6.75	2.15
23 33 46 00-0004	LF		6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	7.74	2.15
23 33 46 00-0005	LF		7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	9.05	2.15
23 33 46 00-0006	LF		8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	10.89	3.23
23 33 46 00-0007	LF		10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	14.00	3.23
23 33 46 00-0008	LF		12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	19.14	4.30
23 33 46 00-0009	LF		14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	23.87	4.30
23 33 46 00-0010	LF		16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	31.54	5.38
23 33 46 00-0011	Collars, Sheet Metal Spin-In Type With Damper (23 33 46)				
23 33 46 00-0012	EA		Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	39.41 19.76	6.45
23 33 46 00-0013	EA		5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	43.07 20.02	7.53
23 33 46 00-0014	EA		6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	49.25 22.07	7.53
23 33 46 00-0015	EA		7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	56.25 22.78	9.68
23 33 46 00-0016	EA		8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	68.20 25.73	11.83
23 33 46 00-0017	EA		10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	79.72 31.72	13.98
23 33 46 00-0018	EA		12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	90.84 34.18	16.14
23 33 46 00-0019	EA		14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	107.16 42.80	18.29
23 33 46 00-0020	EA		16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	116.71 46.83	20.44
23 33 53 Duct Liners (23 33)					
23 33 53 00-0001	Fiberglass Duct Liner Board, Rigid, Acoustical Insulation (23 33 53)				
23 33 53 00-0002	SF		1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	11.01	3.01
23 33 53 00-0003	SF		3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.04	3.01
23 33 53 00-0004	SF		1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	13.35	4.01
23 33 53 00-0005	SF		1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	16.34	4.01
23 33 53 00-0006	SF		2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	19.73	4.51
23 33 53 00-0007	SF		1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	10.39	3.23
23 33 53 00-0008	SF		3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	11.37	3.23
23 33 53 00-0009	SF		1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.65	4.30
23 33 53 00-0010	SF		1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	15.39	4.30
23 33 53 00-0011	SF		2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	18.65	4.85
23 33 53 00-0012	Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation (23 33 53)				
23 33 53 00-0013	SF		1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	2.10	2.58
23 33 53 00-0014	SF		1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket.....	3.28	2.91
23 33 53 00-0015	SF		1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	3.02	2.91
23 33 53 00-0016	SF		1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket.....	3.89	2.91
23 33 53 00-0017	SF		1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket.....	3.25	3.23
23 33 53 00-0018	SF		2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket.....	3.45	3.55
23 33 53 00-0019	SF		2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket.....	5.34	3.55
23 33 56 Duct Air Extractors (23 33)					
23 33 56 00-0001	EA		12" x 4" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	46.49 14.29	17.75
23 33 56 00-0002	EA		8" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	49.72 14.29	19.36
23 33 56 00-0003	EA		12" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	56.09 19.77	20.44

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 56 00-0004	EA	16" x 6" Duct Air Extractor.....	62.33	21.51
		<i>For Stainless Steel, Add</i>	25.09	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor.....	79.19	23.67
		<i>For Stainless Steel, Add</i>	41.42	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor.....	60.08	21.51
		<i>For Stainless Steel, Add</i>	22.17	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor.....	78.47	26.89
		<i>For Stainless Steel, Add</i>	32.08	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor.....	85.55	30.65
		<i>For Stainless Steel, Add</i>	31.50	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor.....	103.48	36.03
		<i>For Stainless Steel, Add</i>	40.83	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor.....	119.73	43.03
		<i>For Stainless Steel, Add</i>	43.76	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor.....	149.76	53.79
		<i>For Stainless Steel, Add</i>	54.83	

23 33 59 Duct Pressure Relief Doors (23 33)

23 33 59 00-0001	Duct Pressure Relief Doors (23 33 59)			
23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	760.95	32.27
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	625.70	26.89
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	623.82	29.59

23 34 HVAC Fans (23 30)**23 34 13 Axial HVAC Fans (23 34)**

23 34 13 00-0001	Tube-Axial Fans (23 34 13)			
23 34 13 00-0002	Direct Drive Tube-Axial Duct Fans (23 34 13 00-0001)			
23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure.....	1,329.62	330.66
		<i>For 1/4" Static Pressure, Add</i>	53.41	
		<i>For 3/8" Static Pressure, Add</i>	106.82	
		<i>For 1/2" Static Pressure, Add</i>	146.88	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure.....	1,377.30	331.66
		<i>For 1/4" Static Pressure, Add</i>	57.22	
		<i>For 3/8" Static Pressure, Add</i>	114.45	
		<i>For 1/2" Static Pressure, Add</i>	157.37	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure.....	1,472.68	330.66
		<i>For 1/4" Static Pressure, Add</i>	64.86	
		<i>For 3/8" Static Pressure, Add</i>	129.71	
		<i>For 1/2" Static Pressure, Add</i>	178.35	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure.....	1,568.05	331.66
		<i>For 1/4" Static Pressure, Add</i>	72.48	
		<i>For 3/8" Static Pressure, Add</i>	144.97	
		<i>For 1/2" Static Pressure, Add</i>	199.33	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure.....	1,843.51	397.20
		<i>For 1/4" Static Pressure, Add</i>	83.93	
		<i>For 3/8" Static Pressure, Add</i>	167.86	
		<i>For 1/2" Static Pressure, Add</i>	230.81	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure.....	2,103.34	431.94
		<i>For 1/4" Static Pressure, Add</i>	99.19	
		<i>For 3/8" Static Pressure, Add</i>	198.38	
		<i>For 1/2" Static Pressure, Add</i>	272.77	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure.....	2,233.26	472.66
		<i>For 1/4" Static Pressure, Add</i>	103.01	
		<i>For 3/8" Static Pressure, Add</i>	206.01	
		<i>For 1/2" Static Pressure, Add</i>	283.27	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure.....	2,518.97	496.49
		<i>For 1/4" Static Pressure, Add</i>	122.08	
		<i>For 3/8" Static Pressure, Add</i>	244.16	
		<i>For 1/2" Static Pressure, Add</i>	335.72	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure.....	3,053.36	620.61
		<i>For 1/4" Static Pressure, Add</i>	144.97	
		<i>For 3/8" Static Pressure, Add</i>	289.94	
		<i>For 1/2" Static Pressure, Add</i>	398.67	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure.....	3,422.22	662.31
		<i>For 1/4" Static Pressure, Add</i>	167.86	
		<i>For 3/8" Static Pressure, Add</i>	335.72	
		<i>For 1/2" Static Pressure, Add</i>	461.62	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure.....	4,007.42	763.60
		<i>For 1/4" Static Pressure, Add</i>	198.38	
		<i>For 3/8" Static Pressure, Add</i>	396.76	
		<i>For 1/2" Static Pressure, Add</i>	545.55	
23 34 13 00-0014	Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)			
23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure.....	1,265.22	320.73
		<i>For 1/4" Static Pressure, Add</i>	49.97	
		<i>For 3/8" Static Pressure, Add</i>	99.93	
		<i>For 1/2" Static Pressure, Add</i>	137.41	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure.....	1,335.89	331.66
		<i>For 1/4" Static Pressure, Add</i>	53.91	
		<i>For 3/8" Static Pressure, Add</i>	107.82	
		<i>For 1/2" Static Pressure, Add</i>	148.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0017	EA		18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,380.62 55.66 111.33 153.08	342.58
23 34 13 00-0018	EA		18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,456.21 59.76 119.51 164.33	354.50
23 34 13 00-0019	EA		18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,621.29 70.86 141.72 194.87	368.39
23 34 13 00-0020	EA		24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,706.19 75.39 150.78 207.32	382.29
23 34 13 00-0021	EA		24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	1,890.15 87.66 175.32 241.07	397.20
23 34 13 00-0022	EA		24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,098.69 104.45 208.89 287.23	397.20
23 34 13 00-0023	EA		30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,414.30 124.19 248.37 341.51	431.94
23 34 13 00-0024	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	2,869.33 146.10 292.20 401.78	523.30
23 34 13 00-0025	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	3,223.40 174.08 348.15 478.71	523.30
23 34 13 00-0026	EA		36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	3,532.93 194.37 388.74 534.52	552.09
23 34 13 00-0027	EA		36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	3,846.43 214.48 428.95 589.81	583.87
23 34 13 00-0028	EA		36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	4,445.04 233.76 467.53 642.85	763.60
23 34 13 00-0029	EA		36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	5,004.52 278.52 557.05 765.94	764.59
23 34 13 00-0030	EA		42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure..... For 1/4" Static Pressure, Add For 3/8" Static Pressure, Add For 1/2" Static Pressure, Add	5,678.02 310.33 620.66 853.41	902.42
23 34 16 Centrifugal HVAC Fans (23 34)					
23 34 16 00-0001	Centrifugal Fans (23 34 16) Note: All belt fans to be supplied with belt guard.				
23 34 16 00-0002	Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001) Note: V-belt driven.				
23 34 16 00-0003	Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002) Note: Under 30" diameter wheel.				
23 34 16 00-0004	12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0003)				
23 34 16 00-0005	EA		1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,025.95	218.15
23 34 16 00-0006	EA		1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,455.48	226.40
23 34 16 00-0007	EA		1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,498.69	180.42
23 34 16 00-0008	EA		1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,564.82	247.26
23 34 16 00-0009	EA		3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,604.84	262.15
23 34 16 00-0010	EA		1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,656.64	273.07
23 34 16 00-0011	EA		1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,710.08	290.94
23 34 16 00-0012	13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0003)				
23 34 16 00-0013	EA		1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,674.01	238.32
23 34 16 00-0014	EA		1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,705.14	247.26
23 34 16 00-0015	EA		1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,762.64	262.15
23 34 16 00-0016	EA		3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,796.69	273.07
23 34 16 00-0017	EA		1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,859.29	290.94
23 34 16 00-0018	EA		1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,920.66	304.85
23 34 16 00-0019	15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure (23 34 16 00-0003)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 34 16 00-0086	EA		2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,019.29	655.36
23 34 16 00-0087	EA		3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,182.14	727.85
23 34 16 00-0088	EA		5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,455.33	873.82
23 34 16 00-0089	EA		7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,706.85	1,007.87

23 34 16 00-0090 33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0080)

23 34 16 00-0091	EA		1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,260.76	467.69
23 34 16 00-0092	EA		3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,433.40	524.29
23 34 16 00-0093	EA		1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,590.01	569.96
23 34 16 00-0094	EA		1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,807.06	655.36
23 34 16 00-0095	EA		2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,004.93	727.85
23 34 16 00-0096	EA		3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,313.11	873.82
23 34 16 00-0097	EA		5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,652.68	1,007.87
23 34 16 00-0098	EA		7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,150.16	1,310.73

23 34 16 00-0099 36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0080)

23 34 16 00-0100	EA		1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,380.85	524.29
23 34 16 00-0101	EA		3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,449.93	569.96
23 34 16 00-0102	EA		1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,579.44	655.36
23 34 16 00-0103	EA		1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,707.42	727.85
23 34 16 00-0104	EA		2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,357.80	873.82
23 34 16 00-0105	EA		3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,635.84	1,007.87
23 34 16 00-0106	EA		5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,171.02	1,310.73
23 34 16 00-0107	EA		7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,744.37	1,638.41

23 34 16 00-0108 Kitchen System Fans (23 34 16 00-0001)

23 34 16 00-0109 Upblast Kitchen Exhaust Fans (23 34 16 00-0108)

23 34 16 00-0110 Direct Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)

Note: Greenheck CUE.					
23 34 16 00-0111	EA		Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	974.67	129.08
Note: 115V. For roof or wall installations. Includes disconnect switch.					
For Bird Screen, Add				40.60	
For Backdraft Damper, Add				109.50	
For Damper Motor, Add				174.05	
23 34 16 00-0112	EA		14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,135.95	129.08
Note: 115V. For roof or wall installations. Includes disconnect switch.					
For Bird Screen, Add				40.60	
For Backdraft Damper, Add				109.50	
For Damper Motor, Add				174.05	

23 34 16 00-0113 Belt Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)

Note: Greenheck CUBE.					
23 34 16 00-0114	EA		10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,645.48	129.08
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.					
For Bird Screen, Add				40.60	
For Wall Mounted Fan, Add				65.82	
For 3 Phase Motor, Deduct				-50.00	
For Totally Enclosed Motor, Add				85.00	
For Backdraft Damper, Add				109.50	
For Damper Motor, Add				174.05	
For Grease Trap Kit, Add				76.41	
For Hinged Curb Kit, Add				117.92	
23 34 16 00-0115	EA		12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,715.48	129.08
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.					
For Bird Screen, Add				40.60	
For Wall Mounted Fan, Add				68.62	
For 3 Phase Motor, Deduct				-50.00	
For Totally Enclosed Motor, Add				85.00	
For Backdraft Damper, Add				109.50	
For Damper Motor, Add				174.05	
23 34 16 00-0116	EA		14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,485.01	148.94
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.					
For Bird Screen, Add				46.20	
For Wall Mounted Fan, Add				59.40	
For 3 Phase Motor, Deduct				-50.00	
For Totally Enclosed Motor, Add				85.00	
For Backdraft Damper, Add				124.20	
For Damper Motor, Add				174.05	
23 34 16 00-0117	EA		14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,585.80	148.94
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.					
For Bird Screen, Add				46.20	
For Wall Mounted Fan, Add				63.43	
For 3 Phase Motor, Deduct				-50.00	
For Totally Enclosed Motor, Add				85.00	
For Backdraft Damper, Add				124.20	
For Damper Motor, Add				174.05	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,010.62	173.77
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	46.20	
		For Wall Mounted Fan, Add	80.42	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	124.20	
		For Damper Motor, Add	174.05	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,118.41	173.77
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	46.20	
		For Wall Mounted Fan, Add	84.74	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	124.20	
		For Damper Motor, Add	174.05	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP, 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,307.03	186.18
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	76.99	
		For Wall Mounted Fan, Add	92.28	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	153.52	
		For Damper Motor, Add	174.05	
		For Grease Trap Kit, Add	76.41	
		For Hinged Curb Kit, Add	164.45	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP, 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,475.02	186.18
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	76.99	
		For Wall Mounted Fan, Add	99.00	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	153.52	
		For Damper Motor, Add	174.05	
		For Grease Trap Kit, Add	76.41	
		For Hinged Curb Kit, Add	178.73	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,519.45	198.59
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	76.99	
		For Wall Mounted Fan, Add	100.78	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	153.52	
		For Damper Motor, Add	174.05	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,756.03	198.59
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	76.99	
		For Wall Mounted Fan, Add	110.24	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	153.52	
		For Damper Motor, Add	174.05	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,172.45	223.42
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	90.99	
		For Wall Mounted Fan, Add	126.90	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	166.60	
		For Damper Motor, Add	174.05	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,389.43	223.42
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	90.99	
		For Wall Mounted Fan, Add	135.58	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	166.60	
		For Damper Motor, Add	174.05	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	4,011.64	248.24
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	97.99	
		For Wall Mounted Fan, Add	160.47	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	4,083.03	248.24
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	97.99	
		For Wall Mounted Fan, Add	163.32	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0128	EA		30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Backdraft Damper, Add For Damper Motor, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	4,445.61 97.99 177.82 85.00 184.53 174.05 76.41 335.68	248.24
23 34 16 00-0129	EA		30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Backdraft Damper, Add For Damper Motor, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	4,620.60 97.99 184.82 85.00 184.53 174.05 76.41 350.55	248.24
23 34 16 00-0130	EA		36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	5,087.63 111.99 203.51 85.00 174.05 215.69 76.41 386.03	273.07
23 34 16 00-0131	EA		36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	5,288.86 111.99 211.55 85.00 174.05 215.69 76.41 403.13	273.07
23 34 16 00-0132	EA		42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add	5,344.14 111.99 85.00 174.05 249.12	297.89
23 34 16 00-0133	EA		42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add	5,785.95 111.99 85.00 174.05 249.12	297.89
23 34 16 00-0134			Untempered Kitchen Make-Up Air Fans (23 34 16 00-0108) Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135			Direct Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0136	EA		7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,123.55	129.08
23 34 16 00-0137	EA		8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,178.34	129.08
23 34 16 00-0138	EA		9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,245.58	129.08
23 34 16 00-0139			Belt Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0140	EA		9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,271.66	129.08
23 34 16 00-0141	EA		10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,435.79	173.77
23 34 16 00-0142	EA		12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,727.10	198.59
23 34 16 00-0143	EA		15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,008.38	248.24
23 34 16 00-0144	EA		18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,429.61	297.89
23 34 16 00-0145			Replacement Parts (23 34 16 00-0001)		
23 34 16 00-0146			Replace Belts And Accessories (23 34 16 00-0145)		
23 34 16 00-0147	EA		Fan Shaft Bearing, Replacement.....	728.07	336.30
23 34 16 00-0148	EA		Fan Belt, Replacement	113.46	45.61
23 34 16 00-0149			Corrosive Fume Resistant Plastic (23 34 16 00-0001)		
23 34 16 00-0150			Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (23 34 16 00-0149)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0151	EA		250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,756.33 509.71	179.12
23 34 16 00-0152	EA		895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,093.19 549.43	215.17
23 34 16 00-0153	EA		1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,862.75 648.73	268.95
23 34 16 00-0154	EA		2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	5,263.13 681.82	358.78
23 34 16 00-0155	EA		3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,106.76 754.64	537.91
23 34 16 00-0156	EA		11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	10,624.79 1,270.97	1,075.83
23 34 16 00-0157	EA		18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	15,476.54 1,860.12	1,537.89
23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)					
23 34 16 00-0159	EA		1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,756.33 509.71	179.12
23 34 16 00-0160	EA		1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,872.54 516.33	215.17
23 34 16 00-0161	EA		1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,980.13 516.33	268.95
23 34 16 00-0162	EA		2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,159.86 516.33	358.78
23 34 16 00-0163	EA		3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	5,753.72 701.68	537.91
23 34 16 00-0164	EA		4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,022.67 701.68	672.38
23 34 16 00-0165	EA		4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,216.73 701.68	769.43
23 34 16 00-0166	EA		6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,379.88 714.92	806.86
23 34 16 00-0167	EA		7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,603.32 721.54	896.48
23 34 16 00-0168 In-Line Duct Fans (23 34 16 00-0001)					
23 34 16 00-0169 Direct Drive In-Line Duct Fans (23 34 16 00-0168)					
Note: Greenheck SQ.					
23 34 16 00-0170	EA		Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,140.84	129.08
23 34 16 00-0171	EA		13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,448.29	139.02
23 34 16 00-0172	EA		14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,586.82	148.94
23 34 16 00-0173 Belt Drive In-Line Duct Fans (23 34 16 00-0168)					
Note: Greenheck BSQ.					
23 34 16 00-0174	EA		Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,655.48	148.94
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0175	EA		13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,903.66	173.77
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0176	EA		13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,132.79	173.77
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0177	EA		13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,327.58	173.77
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0178	EA		16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,277.98	198.59
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0179	EA		16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,607.86	198.59
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0180	EA		24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,316.90	248.24
				<i>For 3 Phase Motor, Deduct</i>	-50.00
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0181	EA		24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,499.01	248.24
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0182	EA		24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	3,627.38	248.24
				<i>For Totally Enclosed Motor, Add</i>	85.00
23 34 16 00-0183	EA		30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	4,199.18	297.89
				<i>For Totally Enclosed Motor, Add</i>	85.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0184	EA		30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan..... Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	4,352.40 85.00	297.89
23 34 16 00-0185	EA		30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	4,540.69 85.00	297.89
23 34 16 00-0186 In-Line Cabinet Fans (23 34 16 00-0001)					
23 34 16 00-0187	EA		950 CFM, 80 Watt, Direct Drive In-Line Cabinet Fan.....	359.59	86.89
23 34 16 00-0188	EA		1,050 CFM, 129 Watt, Direct Drive In-Line Cabinet Fan.....	379.15	86.89
23 34 16 00-0189	EA		1,100 CFM, 173 Watt, Direct Drive In-Line Cabinet Fan.....	405.69	86.89
23 34 16 00-0190	EA		950 CFM, 48.7 Watt, Direct Drive In-Line Cabinet Fan.....	404.30	86.89
23 34 16 00-0191	EA		1,100 CFM, 52.5 Watt, Direct Drive In-Line Cabinet Fan.....	404.30	86.89
23 34 16 00-0192	EA		1,400 CFM, 100 Watt, Direct Drive In-Line Cabinet Fan.....	446.21	86.89
23 34 16 00-0193	EA		900 CFM, 48.2 Watt, Direct Drive In-Line Cabinet Fan.....	531.59	91.85
23 34 16 00-0194	EA		1,000 CFM, 82.7 Watt, Direct Drive In-Line Cabinet Fan.....	457.54	91.85
23 34 16 00-0195	EA		1,050 CFM, 80.7 Watt, Direct Drive In-Line Cabinet Fan.....	485.48	91.85
23 34 16 00-0196	EA		1,350 CFM, 140 Watt, Direct Drive In-Line Cabinet Fan.....	503.64	91.85
23 34 16 00-0197	EA		1,000 CFM, 135 Watt, Direct Drive In-Line Cabinet Fan.....	524.60	91.85
23 34 16 00-0198	EA		1,070 CFM, 217 Watt, Direct Drive In-Line Cabinet Fan.....	524.60	91.85
23 34 16 00-0199	EA		1,100 CFM, 350 Watt, Direct Drive In-Line Cabinet Fan.....	837.72	96.81
23 34 16 00-0200	EA		1,080 CFM, 325 Watt, Direct Drive In-Line Cabinet Fan.....	710.58	96.81
23 34 16 00-0201	EA		1,600 CFM, 405 Watt, Direct Drive In-Line Cabinet Fan.....	710.58	96.81
23 34 16 00-0202	EA		950 CFM, 328 Watt, Direct Drive In-Line Cabinet Fan.....	949.49	96.81
23 34 16 00-0203	EA		1,095 CFM, 455 Watt, Direct Drive In-Line Cabinet Fan.....	949.49	96.81
23 34 16 00-0204	EA		1,450 CFM, 822 Watt, Direct Drive In-Line Cabinet Fan.....	949.49	96.81
23 34 16 00-0205	EA		1,610 CFM, 830 Watt, Direct Drive In-Line Cabinet Fan.....	1,029.12	96.81
23 34 16 00-0206 Propeller And Ceiling Fans (23 34 16)					
23 34 16 00-0207 Direct Drive, Sidewall Propeller Exhaust Fan (23 34 16 00-0206)					
Note: Greenheck SE1.					
23 34 16 00-0208	EA		1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	532.09 122.30 195.62	106.25
23 34 16 00-0209	EA		1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	565.72 132.12 195.62	118.16
23 34 16 00-0210	EA		1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	626.52 145.21 200.80	131.07
23 34 16 00-0211	EA		1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	898.90 172.89 204.60 166.72	144.97
23 34 16 00-0212	EA		1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	864.87 172.89 209.80 177.51	160.86
23 34 16 00-0213	EA		1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	971.10 208.69 214.99 188.31	178.73
23 34 16 00-0214	EA		1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	1,105.60 208.69 218.78 203.30	198.59
23 34 16 00-0215 Belt Drive Propeller Exhaust Fans (23 34 16 00-0206)					
Note: Wall shutter 1/8" static pressure, with birdscreen.					
23 34 16 00-0216	EA		24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter.....	1,628.73	283.99
23 34 16 00-0217	EA		30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter.....	1,869.17	330.66
23 34 16 00-0218	EA		36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter.....	2,133.91	397.20
23 34 16 00-0219	EA		42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter.....	2,935.88	496.49
23 34 16 00-0220	EA		48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter.....	3,545.96	662.31
23 34 16 00-0221	EA		54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter.....	4,971.19	992.97
23 34 16 00-0222	EA		60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter.....	6,017.59	1,272.99
23 34 16 00-0223 Propeller Exhaust Fan Accessories (23 34 16 00-0206)					
23 34 16 00-0224	SF		Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening).....	85.39	
23 34 16 00-0225	SF		Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening).....	193.51	
23 34 16 00-0226 Reversible Ceiling Fans (23 34 16 00-0206)					
23 34 16 00-0227 4 Blade Ceiling Fans (23 34 16 00-0226)					
23 34 16 00-0228	EA		42" 4-Blade Ceiling Fan, Three Speed..... <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	392.80 20.25 25.87	52.04

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0229			5 Blade Ceiling Fans <small>(23 34 16 00-0226)</small>		
23 34 16 00-0230	EA		42" 5-Blade Ceiling Fan, Three Speed..... <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	428.12 20.25 25.92	128.78
23 34 16 00-0231	EA		52" 5-Blade Ceiling Fan, Three Speed..... <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	487.31 20.25 26.03	128.78
23 34 16 00-0232			3 Blade Weatherproof Ceiling Fans <small>(23 34 16 00-0226)</small>		
23 34 16 00-0233	EA		3-Blade Ceiling Fan, Weatherproof, Three Speed.....	401.00	49.16
23 34 16 00-0234			Ceiling Fan Down Rod <small>(23 34 16 00-0226)</small>		
23 34 16 00-0235	EA		1' Ceiling Fan Down Rod.....	16.85	
23 34 16 00-0236	EA		1-1/2' Ceiling Fan Down Rod.....	21.14	
23 34 16 00-0237	EA		2' Ceiling Fan Down Rod.....	23.29	
23 34 16 00-0238	EA		3' Ceiling Fan Down Rod.....	30.20	
23 34 16 00-0239	EA		4' Ceiling Fan Down Rod.....	35.09	
23 34 16 00-0240	EA		5' Ceiling Fan Down Rod.....	42.49	
23 34 16 00-0241	EA		6' Ceiling Fan Down Rod.....	52.40	
23 34 16 00-0242			Exhaust Fans <small>(23 34 16)</small>		
23 34 16 00-0243			Exhaust Fans <small>(23 34 16 00-0242)</small> Note: Excludes ducting.		
23 34 16 00-0244			Light Duty Exhaust Fans <small>(23 34 16 00-0243)</small>		
23 34 16 00-0245			Light Duty Exhaust Fans <small>(23 34 16 00-0244)</small>		
23 34 16 00-0246	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670).....	114.89	42.05
23 34 16 00-0247	EA		70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671).....	120.03	42.05
23 34 16 00-0248	EA		180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505).....	181.76	42.05
23 34 16 00-0249	EA		350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504).....	223.04	42.05
23 34 16 00-0250	EA		160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503).....	202.08	42.05
23 34 16 00-0251	EA		270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502).....	260.70	42.05
23 34 16 00-0252			Light Duty Exhaust Fans With Lights <small>(23 34 16 00-0244)</small>		
23 34 16 00-0253	EA		50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678).....	142.39	42.05
23 34 16 00-0254	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679).....	155.27	42.05
23 34 16 00-0255	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680).....	268.57	42.05
23 34 16 00-0256			Light Duty Exhaust Fans With Heaters <small>(23 34 16 00-0244)</small>		
23 34 16 00-0257	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162).....	145.18	42.05
23 34 16 00-0258	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658).....	215.82	42.05
23 34 16 00-0259			Light Duty Exhaust Fans With Heaters And Lights <small>(23 34 16 00-0244)</small>		
23 34 16 00-0260	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655).....	228.07	42.05
23 34 16 00-0261	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL).....	333.21	42.05
23 34 16 00-0262			Heavy Duty/Continuous Operation Exhaust Fans <small>(23 34 16 00-0243)</small>		
23 34 16 00-0263			Heavy Duty/Continuous Operation Exhaust Fans <small>(23 34 16 00-0262)</small> Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA		50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50).....	164.64	42.05
23 34 16 00-0265	EA		80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80).....	179.40	42.05
23 34 16 00-0266	EA		109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG).....	307.19	42.05
23 34 16 00-0267	EA		157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG).....	314.03	42.05
23 34 16 00-0268	EA		210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG).....	335.33	42.05
23 34 16 00-0269	EA		259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG).....	348.94	42.05
23 34 16 00-0270	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG).....	354.21	42.05
23 34 16 00-0271	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400).....	401.75	42.05
23 34 16 00-0272	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500).....	454.18	42.05
23 34 16 00-0273	EA		701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700).....	484.05	42.05
23 34 16 00-0274	EA		901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900).....	571.30	42.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0275	EA		1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	726.72	42.05
23 34 16 00-0276			Heavy Duty/Continuous Operation Kitchen Exhaust Fans (23 34 16 00-0262) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0277	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG).....	318.02	42.05
23 34 16 00-0278	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	450.26	42.05
23 34 16 00-0279	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	474.75	42.05
23 34 16 00-0280			Heavy Duty/Continuous Operation Exhaust Fans With Lights (23 34 16 00-0262)		
23 34 16 00-0281	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L).....	176.72	42.05
23 34 16 00-0282	EA		80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L).....	190.59	42.05
23 34 16 00-0283			Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0262)		
23 34 16 00-0284	EA		50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	182.81	42.05
23 34 16 00-0285	EA		80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	192.00	42.05
23 34 16 00-0286	EA		110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	196.42	42.05
23 34 16 00-0287			Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0288	EA		900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	779.03	42.05
23 34 16 00-0289	EA		1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	779.03	42.05
23 34 16 00-0290	EA		1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	779.03	42.05
23 34 16 00-0291	EA		1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	852.43	42.05
23 34 16 00-0292			Room-To-Room Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0293	EA		90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	138.92	42.05
23 34 16 00-0294	EA		180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	213.90	42.05
23 34 16 00-0295	EA		380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	241.22	42.05
23 34 16 00-0296			Through-Wall Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0297	EA		250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	226.94	42.05
23 34 16 00-0298	EA		470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	264.60	42.05
23 34 16 00-0299	EA		180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	201.05	42.05
23 34 16 00-0300	EA		270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	260.70	42.05
23 34 16 00-0301	EA		360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	437.30	42.05
23 34 16 00-0302			Exhaust Fan Accessories (23 34 16 00-0243)		
23 34 16 00-0303			Exhaust Fan Controls (23 34 16 00-0302)		
23 34 16 00-0304	EA		Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	126.58	26.28
23 34 16 00-0305	EA		60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59).....	93.27	26.28
23 34 16 00-0306	EA		60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	94.06	26.28
23 34 16 00-0307			Roof And Wall Caps For Exhaust Fans (23 34 16 00-0302)		
23 34 16 00-0308			Wall Caps For Exhaust Fans (23 34 16 00-0307)		
23 34 16 00-0309	EA		Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613).....	210.71	53.91
23 34 16 00-0310	EA		Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643).....	213.34	53.91
23 34 16 00-0311			Roof Caps For Exhaust Fans (23 34 16 00-0307) Note: Includes flashing and built in bird screen.		
23 34 16 00-0312	EA		Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611).....	183.65	53.91
23 34 16 00-0313	EA		Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	251.75	53.91
23 34 16 00-0314	EA		CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	131.31	53.91
23 34 16 00-0315	EA		CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	151.73	53.91
23 34 16 00-0316			Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan (23 34 16 00-0243) Note: Includes storage and cleaning.		
23 34 16 00-0317	EA		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan.....	74.47	
23 34 23			HVAC Power Ventilators (23 34)		
23 34 23 00-0001			Power Roof Ventilators (23 34 23)		
23 34 23 00-0002			Direct Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001) Note: Greenheck G.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	524.24	142.00
		Note: Three speed motor.		
		For 12" Roof Curb, Add	169.30	
		For Backdraft Damper, Add	101.29	
		For Solid State Speed Control, Add	85.92	
		For Damper Motor, Add	174.05	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	573.11	160.86
		Note: Three speed motor.		
		For 12" Roof Curb, Add	169.30	
		For Backdraft Damper, Add	101.29	
		For Solid State Speed Control, Add	85.92	
		For Damper Motor, Add	174.05	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	812.84	187.67
		For 12" Roof Curb, Add	173.49	
		For Backdraft Damper, Add	109.50	
		For Solid State Speed Control, Add	85.92	
		For Damper Motor, Add	174.05	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	838.78	211.51
		For 12" Roof Curb, Add	173.49	
		For Backdraft Damper, Add	109.50	
		For Solid State Speed Control, Add	85.92	
		For Damper Motor, Add	174.05	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,074.03	233.35
		For Solid State Speed Control, Add	85.92	
		For Damper Motor, Add	174.05	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,218.25	248.24
		For 12" Roof Curb, Add	180.49	
		For Backdraft Damper, Add	124.20	
		For Solid State Speed Control, Add	129.31	
		For Damper Motor, Add	174.05	
23 34 23 00-0009		Belt Drive, Aluminum, Centrifugal Roof Exhausters <small>(23 34 23 00-0001)</small>		
		Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,213.99	211.51
		For 12" Roof Curb, Add	173.49	
		For Backdraft Damper, Add	109.50	
		For Damper Motor, Add	174.05	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,322.92	269.10
		For 12" Roof Curb, Add	180.49	
		For Backdraft Damper, Add	124.20	
		For Damper Motor, Add	174.05	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,785.25	320.73
		For 12" Roof Curb, Add	180.49	
		For Backdraft Damper, Add	124.20	
		For Damper Motor, Add	174.05	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,275.59	397.20
		For 12" Roof Curb, Add	214.09	
		For Backdraft Damper, Add	153.52	
		For Damper Motor, Add	174.05	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,997.89	496.49
		For 12" Roof Curb, Add	229.49	
		For Backdraft Damper, Add	166.60	
		For Damper Motor, Add	174.05	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	4,210.42	620.61
		For 12" Roof Curb, Add	253.29	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	4,244.02	620.61
		For 12" Roof Curb, Add	253.29	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	4,606.59	620.61
		For 12" Roof Curb, Add	253.29	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	4,314.22	620.61
		For 12" Roof Curb, Add	253.29	
		For Backdraft Damper, Add	184.53	
		For Damper Motor, Add	174.05	
23 34 23 00-0019		Propeller Exhaust Fans, Roof Mounted Upblast <small>(23 34 23 00-0001)</small>		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	5,408.78	763.60
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	8,718.58	992.68
23 34 23 00-0022		Belt Drive Supply Fans <small>(23 34 23 00-0001)</small>		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	2,190.27	396.49
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,938.06	496.39
23 34 23 00-0025		Fan Thermostat <small>(23 34 23 00-0001)</small>		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat.....	101.66	
23 34 23 00-0027		Power Wall Ventilators <small>(23 34 23)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 34 23 00-0028 Centrifugal Sidewall Exhausters (23 34 23 00-0027)

23 34 23 00-0029 Direct Drive, Aluminum, Centrifugal Sidewall Exhauster (23 34 23 00-0028)

Note: Greenheck CW.

23 34 23 00-0030	EA		1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	693.36	159.87
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	133.56	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	93.92	
23 34 23 00-0031	EA		1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	796.35	187.67
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	148.26	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	111.71	
23 34 23 00-0032	EA		1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,177.13	211.51
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	167.83	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	129.51	

23 34 23 00-0033 Belt Drive, Aluminum, Centrifugal Sidewall Exhausters (23 34 23 00-0028)

Note: Greenheck CWB.

23 34 23 00-0034	EA		1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,771.72	119.42
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	157.52	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	196.30	
23 34 23 00-0035	EA		1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,874.64	134.48
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	157.52	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	196.30	
23 34 23 00-0036	EA		3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,298.35	153.84
			<i>For Solid State Speed Control, Add</i>	129.31	
			<i>For Backdraft Damper, Add</i>	196.14	
			<i>For Damper Motor, Add</i>	288.22	
			<i>For Interior Wall Grill, Add</i>	228.08	

23 34 33 Air Curtains (23 34)

23 34 33 00-0001 Unheated Air Curtains For Entrances (23 34 33)

23 34 33 00-0002 Unheated Air Curtains, Standard Velocity (23 34 33 00-0001)

23 34 33 00-0003	EA		Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	1,838.20	727.85
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	116.40	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	316.88	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	235.39	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	362.14	
			<i>For Flat Side Extension Plates, Add</i>	104.96	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	209.93	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	251.92	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	265.91	
23 34 33 00-0004	EA		Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	1,859.81	727.85
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	116.40	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	316.88	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	235.39	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	362.14	
			<i>For Flat Side Extension Plates, Add</i>	104.96	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	209.93	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	251.92	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	265.91	
23 34 33 00-0005	EA		Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	1,883.23	727.85
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	116.40	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	316.88	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	235.39	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	362.14	
			<i>For Flat Side Extension Plates, Add</i>	104.96	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	209.93	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	251.92	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	265.91	
23 34 33 00-0006	EA		Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	2,270.49	727.85
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	116.40	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	316.88	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	235.39	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	362.14	
			<i>For Flat Side Extension Plates, Add</i>	104.96	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	209.93	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	251.92	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	265.91	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 34 33 00-0007	EA Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	2,595.62	873.82
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0008	EA Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	2,730.71	873.82
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0009	EA Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	3,042.47	1,007.87
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0010	EA Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated.....	3,581.93	1,007.87
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0011	EA Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated.....	3,650.37	1,007.87
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0012	EA Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated.....	3,832.30	1,007.87
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	316.88	
	For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	235.39	
	For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	362.14	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0013	Unheated Air Curtains, High Velocity (23 34 33 00-0001)		
23 34 33 00-0014	EA High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated.....	2,196.64	727.85
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	209.93	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0015	EA High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated.....	2,224.56	727.85
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	209.93	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0016	EA High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated.....	2,236.26	727.85
	Note: Includes housing, mounting brackets and manual controls.		
	For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
	For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	209.93	
	For Flat Side Extension Plates, Add	104.96	
	For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
	For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
	For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA		High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	2,258.78 116.40 209.93 104.96 209.93 251.92 265.91	727.85
23 34 33 00-0018	EA		High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,416.96 116.40 209.93 104.96 209.93 251.92 265.91	873.82
23 34 33 00-0019	EA		High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,555.66 116.40 209.93 104.96 209.93 251.92 265.91	873.82
23 34 33 00-0020	EA		High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,816.08 116.40 209.93 104.96 209.93 251.92 265.91	1,007.87
23 34 33 00-0021	EA		High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,296.10 116.40 209.93 104.96 209.93 251.92 265.91	1,007.87
23 34 33 00-0022	EA		High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,346.54 116.40 209.93 104.96 209.93 251.92 265.91	1,007.87
23 34 33 00-0023	EA		High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,542.87 116.40 209.93 104.96 209.93 251.92 265.91	1,007.87
23 34 33 00-0024			Service Window Unheated Air Curtains (23 34 33 00-0001) Note: Normal window sizes.		
23 34 33 00-0025	EA		Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	1,554.97 116.40 104.96 209.93 251.92 265.91	573.94
23 34 33 00-0026			Heated Air Curtains For Entrances (23 34 33) Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA		60" Heated Air Curtain With 1- 300 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,409.60 116.40 104.96 209.93 251.92 265.91	640.97
23 34 33 00-0028	EA		60" Heated Air Curtain With 1- 400 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,693.25 116.40 104.96 209.93 251.92 265.91	640.97
23 34 33 00-0029	EA		72" Heated Air Curtain With 1- 350 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,090.88 116.40 104.96 209.93 251.92 265.91	769.06

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,431.26	769.06
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heaters	5,453.66	1,025.25
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	5,907.49	1,025.25
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	6,645.75	1,249.17
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	7,198.86	1,249.17
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	8,350.35	1,569.41
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	9,726.03	1,569.41
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	9,543.90	1,793.81
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	11,115.77	1,793.81
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	10,903.95	2,050.00
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	12,700.37	2,050.00
		For Door Limit Switch, Combination Roller And Plunger, Add	116.40	
		For Flat Side Extension Plates, Add	104.96	
		For Clearance Adjustable-Angle Mounting Bracket, Add	209.93	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	251.92	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	265.91	

23 35 Special Exhaust Systems (23 30)

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems (23 35)**23 35 13 13 Sawdust Collection Systems** (23 35 13)**23 35 13 13-0001 Dust Collector System** (23 35 13 13)

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit	3,194.36	860.66
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit	3,618.86	1,022.03
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit	4,318.58	1,183.40
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit	4,957.93	1,398.57
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit	9,476.96	1,554.25
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit	11,452.08	1,813.28
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit	13,114.95	2,072.32
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 35 13 13-0009	EA		15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	14,780.53	2,383.17
23 35 13 13-0010	EA		20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	16,514.91	2,694.03
23 35 13 13-0011 Vacuum Tubing And Accessories (23 35 13 13)					
23 35 13 13-0012 Vacuum Tubing (23 35 13 13-0011)					
23 35 13 13-0013 Flexible Hose (23 35 13 13-0012)					
23 35 13 13-0014	LF		2" Flexible Hose.....	8.63	1.79
23 35 13 13-0015	LF		3" Flexible Hose.....	10.23	1.98
23 35 13 13-0016	LF		4" Flexible Hose.....	11.11	2.18
23 35 13 13-0017 Galvanized Vacuum Tubing (23 35 13 13-0012)					
23 35 13 13-0018	LF		2-1/8" Outside Diameter Vacuum Tubing, Galvanized.....	8.41	1.79
23 35 13 13-0019	LF		2-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	9.38	1.89
23 35 13 13-0020	LF		3" Outside Diameter Vacuum Tubing, Galvanized.....	11.06	1.98
23 35 13 13-0021	LF		3-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	14.22	2.08
23 35 13 13-0022	LF		4" Outside Diameter Vacuum Tubing, Galvanized.....	14.63	2.18
23 35 13 13-0023	LF		5" Outside Diameter Vacuum Tubing, Galvanized.....	23.82	2.48
23 35 13 13-0024	LF		6" Outside Diameter Vacuum Tubing, Galvanized.....	26.85	2.88
23 35 13 13-0025	LF		8" Outside Diameter Vacuum Tubing, Galvanized.....	36.38	3.97
23 35 13 13-0026	LF		10" Outside Diameter Vacuum Tubing, Galvanized.....	42.73	4.97
23 35 13 13-0027	LF		12" Outside Diameter Vacuum Tubing, Galvanized.....	104.40	6.56
23 35 13 13-0028 Vacuum Fittings, Galvanized (23 35 13 13-0011)					
23 35 13 13-0029 90 Degree Elbow (23 35 13 13-0028)					
23 35 13 13-0030	EA		2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	43.09	11.42
23 35 13 13-0031	EA		2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	52.62	12.22
23 35 13 13-0032	EA		3" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	64.86	13.30
23 35 13 13-0033	EA		3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	76.07	14.40
23 35 13 13-0034	EA		4" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	90.14	15.89
23 35 13 13-0035	EA		5" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	145.76	17.68
23 35 13 13-0036	EA		6" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	192.12	19.86
23 35 13 13-0037	EA		8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	341.34	26.51
23 35 13 13-0038 45 Degree Elbow (23 35 13 13-0028)					
23 35 13 13-0039	EA		2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	40.64	11.42
23 35 13 13-0040	EA		2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	50.60	12.22
23 35 13 13-0041	EA		3" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	58.08	13.30
23 35 13 13-0042	EA		3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	68.41	14.40
23 35 13 13-0043	EA		4" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	83.06	15.89
23 35 13 13-0044	EA		5" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	121.20	17.68
23 35 13 13-0045	EA		6" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	156.00	19.86
23 35 13 13-0046	EA		8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	280.68	26.51
23 35 13 13-0047 Wye (23 35 13 13-0028)					
23 35 13 13-0048	EA		2-1/8" Wye, Vacuum Tubing, Galvanized.....	77.53	18.87
23 35 13 13-0049	EA		2-1/2" Wye, Vacuum Tubing, Galvanized.....	92.18	20.35
23 35 13 13-0050	EA		3" Wye, Vacuum Tubing, Galvanized.....	111.37	21.84
23 35 13 13-0051	EA		3-1/2" Wye, Vacuum Tubing, Galvanized.....	134.24	24.33
23 35 13 13-0052	EA		4" Wye, Vacuum Tubing, Galvanized.....	176.67	26.32
23 35 13 13-0053	EA		5" Wye, Vacuum Tubing, Galvanized.....	292.48	29.29
23 35 13 13-0054	EA		6" Wye, Vacuum Tubing, Galvanized.....	385.22	33.27
23 35 13 13-0055	EA		8" Wye, Vacuum Tubing, Galvanized.....	749.51	36.24
23 35 13 13-0056	EA		10" Wye, Vacuum Tubing, Galvanized.....	1,033.90	39.72
23 35 13 13-0057	EA		12" Wye, Vacuum Tubing, Galvanized.....	1,303.97	44.49
23 35 13 13-0058 Reducer (23 35 13 13-0028)					
23 35 13 13-0059	EA		3" Reducer, Vacuum Tubing, Galvanized.....	45.07	13.30
23 35 13 13-0060	EA		4" Reducer, Vacuum Tubing, Galvanized.....	49.99	14.40
23 35 13 13-0061	EA		5" Reducer, Vacuum Tubing, Galvanized.....	62.24	15.89
23 35 13 13-0062	EA		6" Reducer, Vacuum Tubing, Galvanized.....	67.34	17.68
23 35 13 13-0063	EA		8" Reducer, Vacuum Tubing, Galvanized.....	78.47	19.86
23 35 13 13-0064 Air Gate Valve, Galvanized (23 35 13 13-0011)					
23 35 13 13-0065	EA		2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized.....	286.59	26.51
23 35 13 13-0066	EA		2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	300.42	28.30
23 35 13 13-0067	EA		3" Air Gate Valve, Vacuum Tubing, Galvanized.....	344.46	30.48
23 35 13 13-0068	EA		3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	391.35	32.57
23 35 13 13-0069	EA		4" Air Gate Valve, Vacuum Tubing, Galvanized.....	440.55	34.55
23 35 13 13-0070	EA		5" Air Gate Valve, Vacuum Tubing, Galvanized.....	519.66	39.42
23 35 13 13-0071	EA		6" Air Gate Valve, Vacuum Tubing, Galvanized.....	597.91	44.19

23 35 16 Engine Exhaust Systems (23 35)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 35 16 16 Mechanical Engine Exhaust Systems (23 35 16)

23 35 16 16-0001	EA	Overhead Tailpipe Exhaust System (23 35 16 16)		
23 35 16 16-0002	EA	Overhead Tailpipe Exhaust Blowers (23 35 16 16-0001)		
23 35 16 16-0003	EA	Overhead Direct Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,296.18	211.51
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,770.68	431.94
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,808.93	523.30

23 35 16 16-0007 Overhead Belt Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)

23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	2,701.12	431.94
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	2,915.39	523.30
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	3,611.90	828.14
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,453.26	1,068.45
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	5,582.13	1,272.99

23 35 16 16-0013 Spiral Exhaust Duct Accessories (23 35 16 16-0001)**23 35 16 16-0014 Flex Hose x Length (23 35 16 16-0013)**

Note: Includes duct coupler, damper and tailpipe adapter.

23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	136.01	52.62
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	121.63	52.62
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	210.44	83.41
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	186.42	83.41
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	309.01	132.07
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	300.41	132.07
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	477.66	209.51
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	459.58	209.51

23 35 16 16-0023 Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter (23 35 16 16-0013)

23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	147.47	52.62
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	218.81	83.41
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	130.91	52.62
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	194.25	83.41
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	918.65	70.90
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	851.17	130.08
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	929.01	130.08
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	46.41	10.13
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	51.19	10.13

23 35 16 16-0033 Flexible Hose (23 35 16 16-0013)

23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing.....	25.50	2.48
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing.....	32.21	2.78
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing.....	38.05	2.88
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing.....	44.69	3.08
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	15.20	2.48
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	17.75	2.78
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	20.19	2.88
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	22.42	3.08

23 35 16 16-0042 Accessories (23 35 16 16-0001)

23 35 16 16-0043	EA	3" Tail Pipe Adapter.....	38.65	7.45
23 35 16 16-0044	EA	4" Tail Pipe Adapter.....	39.60	7.45
23 35 16 16-0045	EA	5" Tail Pipe Adapter.....	42.54	8.44
23 35 16 16-0046	EA	3" Bullnose (Guide).....	22.07	4.97
23 35 16 16-0047	EA	4" Bullnose (Guide).....	23.59	5.46
23 35 16 16-0048	EA	5" Bullnose (Guide).....	25.28	5.95
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	176.54	56.31
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.08	

23 35 19 Fume Exhaust Systems (23 35)

23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle.....	1,770.51	396.89
23 35 19 00-0002	EA	Hose Extension Kit 5'	331.37	88.17

23 36 Air Terminal Units (23 30)**23 36 13 Constant-Air-Volume Units (23 36)****23 36 13 00-0001 Vertical Units, With Electric Heating Coils (23 36 13)**

23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,365.47	132.99
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,639.71	143.22
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,748.56	148.34
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	1,867.65	158.57
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,104.13	163.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 36 13 00-007			Horizontal Units, With Electric Heating Coils (23 36 13)		
23 36 13 00-0008	EA		60 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,162.55	132.99
23 36 13 00-0009	EA		90 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,385.94	143.22
23 36 13 00-0010	EA		120 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,650.20	150.90

23 36 13 00-0011			Duct Boxes, Constant Volume Control (23 36 13)		
23 36 13 00-0012			Single Duct Boxes, Constant Volume Control (23 36 13 00-0011)		
23 36 13 00-0013	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control.....	514.68	40.88
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0014	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control.....	567.97	44.11
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0015	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control.....	597.16	48.41
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0016	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control.....	611.02	50.56
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0017	EA		12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control.....	631.89	55.94
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0018	EA		14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control.....	720.64	62.39
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0019	EA		16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control.....	767.18	69.93
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0020	EA		20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control.....	837.96	83.92
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0021	EA		24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control.....	908.57	96.83
			<i>For Boxes With Motor, Add</i>	20.00	

23 36 13 00-0022			Dual Duct Boxes, Constant Volume Control (23 36 13 00-0011)		
23 36 13 00-0023	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control.....	680.90	40.88
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0024	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control.....	730.64	44.11
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0025	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control.....	769.07	48.41
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0026	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control.....	801.26	50.56
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0027	EA		12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control.....	822.13	55.94
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0028	EA		14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control.....	942.00	63.48
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0029	EA		16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control.....	1,033.47	69.93
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0030	EA		20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control.....	1,133.99	83.92
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0031	EA		24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control.....	1,209.32	96.83
			<i>For Boxes With Motor, Add</i>	20.00	

23 36 16 Variable-Air-Volume Units (23 36)

23 36 16 00-0001			Variable Volume Terminal Unit (23 36 16)		
			Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002			Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)		
			Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA		6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only.....	472.44	49.48
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0004	EA		8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only.....	529.21	55.94
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0005	EA		10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only.....	589.63	62.39
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0006	EA		12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only.....	631.03	69.93
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0007	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only.....	868.41	150.51
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0008	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only.....	1,060.21	178.58
			Note: For mounting DDC controls		
			<i>For Filters And Frames, Add</i>	6.30	

23 36 16 00-0009			Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)		
			Note: With pneumatic controls.		
23 36 16 00-0010	EA		6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller.....	957.94	49.48
			<i>For Fan Powered Variable Air Volume Box, Add</i>	987.53	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 36 Air Terminal Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36	16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,037.49 1,058.02 40.55 67.57 6.30	55.94
23 36	16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,089.14 1,091.59 40.55 67.57 6.30	62.39
23 36	16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,139.30 1,123.02 40.55 67.57 6.30	69.93
23 36	16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,329.36 1,261.93 40.55 67.57 6.30	150.51
23 36	16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Hot Water Coils, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Filters And Frames, Add</i>	1,559.72 1,372.20 40.55 67.57 6.30	178.58
23 36 16 00-0016 Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With analog electronic controls.					
23 36	16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,562.61 40.55 6.30	49.48
23 36	16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,628.14 40.55 6.30	55.94
23 36	16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,688.56 40.55 6.30	62.39
23 36	16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,772.02 40.55 6.30	69.93
23 36	16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,963.83 40.55 6.30	150.51
23 36	16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Hot Water Coils, Add</i> <i>For Filters And Frames, Add</i>	1,998.89 40.55 6.30	150.51
23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With flow control installation, plenum system power box, thermostat.					
23 36	16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,080.70 6.30	97.79
23 36	16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,183.11 6.30	111.34
23 36	16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,268.51 6.30	125.76
23 36	16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,391.84 6.30	140.29
23 36	16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,565.77 6.30	161.37
23 36	16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct <i>For Filters And Frames, Add</i>	1,724.48 6.30	193.65
23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) (23 36 16 00-0001)					
23 36	16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A) <i>For Filters And Frames, Add</i>	445.14 6.30	67.24
23 36	16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B) <i>For Filters And Frames, Add</i>	484.37 6.30	73.96
23 36	16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C) <i>For Filters And Frames, Add</i>	524.47 6.30	80.69
23 36	16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D) <i>For Filters And Frames, Add</i>	565.48 6.30	87.41
23 36	16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E) <i>For Filters And Frames, Add</i>	607.49 6.30	94.13
23 36	16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F) <i>For Filters And Frames, Add</i>	650.54 6.30	100.86
23 36	16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G) <i>For Filters And Frames, Add</i>	697.64 6.30	107.58
23 36	16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H) <i>For Filters And Frames, Add</i>	743.26 6.30	114.31
23 36	16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J) <i>For Filters And Frames, Add</i>	790.18 6.30	121.03
23 36	16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K) <i>For Filters And Frames, Add</i>	838.49 6.30	127.75
23 36	16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L) <i>For Filters And Frames, Add</i>	888.32 6.30	134.48

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) <i>For Filters And Frames, Add</i>	939.74 6.30	141.20
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)..... <i>For Filters And Frames, Add</i>	992.88 6.30	147.93
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)..... <i>For Filters And Frames, Add</i>	1,043.88 6.30	154.64
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)..... <i>For Filters And Frames, Add</i>	1,100.55 6.30	161.37

23 37 Air Outlets And Inlets (23 30)
23 37 13 Diffusers, Registers, And Grilles (23 37)
23 37 13 13 Diffusers, Registers, and Grilles (23 37 13)
23 37 13 13-0001 Ceiling Diffusers (23 37 13 13)
23 37 13 13-0002 Ceiling Diffusers With Perforated Face (23 37 13 13-0001)

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	92.73 -5.61 -4.49 -7.48 93.53	13.98
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	101.04 -6.86 -5.49 -9.14 114.30	13.98
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	101.04 -6.86 -5.49 -9.14 114.30	13.98
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	121.51 -8.21 -6.57 -10.95 136.83	17.21
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	121.51 -8.21 -6.57 -10.95 136.83	16.14
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	136.75 -10.50 -8.40 -13.99 174.93	16.14
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	159.06 -11.28 -9.03 -15.05 188.08	21.51
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	181.96 -14.09 -11.27 -18.79 234.85	22.59
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Surface Mount, Deduct</i> <i>For Lay-In Mount, Deduct</i> <i>For Diffuser Without Damper, Deduct</i> <i>For Stainless Steel, Add</i>	206.93 -15.67 -12.54 -12.54 -20.89 261.18	25.82

23 37 13 13-0012 Ceiling Diffusers With Louver Face (23 37 13 13-0001)

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	95.50 -6.03 8.04 100.45	13.98
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	106.31 -7.65 10.20 127.48	13.98
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	106.31 -7.65 10.20 127.48	13.98
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper <i>For Steel Construction, Deduct</i> <i>For Lay-In Mount, Add</i> <i>For Stainless Steel, Add</i>	127.74 -9.14 12.19 152.40	16.14

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 13-0017	EA 12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	127.74	17.21
	<i>For Steel Construction, Deduct</i>	-9.14	
	<i>For Lay-In Mount, Add</i>	12.19	
	<i>For Stainless Steel, Add</i>	152.40	
23 37 13 13-0018	EA 24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	164.01	21.51
	<i>For Steel Construction, Deduct</i>	-11.97	
	<i>For Lay-In Mount, Add</i>	15.96	
	<i>For Stainless Steel, Add</i>	199.53	
23 37 13 13-0019	EA 14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	149.32	21.51
	<i>For Steel Construction, Deduct</i>	-9.77	
	<i>For Lay-In Mount, Add</i>	13.02	
	<i>For Stainless Steel, Add</i>	162.80	
23 37 13 13-0020	EA 18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	185.47	25.82
	<i>For Steel Construction, Deduct</i>	-12.53	
	<i>For Lay-In Mount, Add</i>	16.71	
	<i>For Stainless Steel, Add</i>	208.88	
23 37 13 13-0021	EA 21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	211.37	29.04
	<i>For Steel Construction, Deduct</i>	-15.59	
	<i>For Lay-In Mount, Add</i>	20.78	
	<i>For Stainless Steel, Add</i>	259.78	
23 37 13 13-0022	EA 24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	229.88	56.91
	<i>For Steel Construction, Deduct</i>	-17.40	
	<i>For Lay-In Mount, Add</i>	23.19	
	<i>For Stainless Steel, Add</i>	289.93	
23 37 13 13-0023	Round Ceiling Diffusers With Fixed Pattern (23 37 13 13-0001)		
	Note: Aluminum construction.		
23 37 13 13-0024	EA 6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	145.26	13.98
	<i>For Steel Construction, Deduct</i>	-26.98	
	<i>For Stainless Steel, Add</i>	224.85	
23 37 13 13-0025	EA 8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	149.87	13.98
	<i>For Steel Construction, Deduct</i>	-28.37	
	<i>For Stainless Steel, Add</i>	236.38	
23 37 13 13-0026	EA 10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	170.55	17.21
	<i>For Steel Construction, Deduct</i>	-31.13	
	<i>For Stainless Steel, Add</i>	259.43	
23 37 13 13-0027	EA 12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	182.08	16.14
	<i>For Steel Construction, Deduct</i>	-34.59	
	<i>For Stainless Steel, Add</i>	288.25	
23 37 13 13-0028	EA 14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	255.03	19.36
	<i>For Steel Construction, Deduct</i>	-53.27	
	<i>For Stainless Steel, Add</i>	443.93	
23 37 13 13-0029	EA 16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	268.63	20.44
	<i>For Steel Construction, Deduct</i>	-56.38	
	<i>For Stainless Steel, Add</i>	469.85	
23 37 13 13-0030	EA 18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	282.52	21.51
	<i>For Steel Construction, Deduct</i>	-59.50	
	<i>For Stainless Steel, Add</i>	495.80	
23 37 13 13-0031	EA 20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	323.75	21.51
	<i>For Steel Construction, Deduct</i>	-70.72	
	<i>For Stainless Steel, Add</i>	589.33	
23 37 13 13-0032	EA 24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	383.80	24.74
	<i>For Steel Construction, Deduct</i>	-86.09	
	<i>For Stainless Steel, Add</i>	717.43	
23 37 13 13-0033	EA 28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	429.89	25.82
	<i>For Steel Construction, Deduct</i>	-98.39	
	<i>For Stainless Steel, Add</i>	819.93	
23 37 13 13-0034	EA 32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction.....	511.06	29.04
	<i>For Steel Construction, Deduct</i>	-119.15	
	<i>For Stainless Steel, Add</i>	992.88	
23 37 13 13-0035	Round Ceiling Diffusers With Adjustable Pattern Dropped Style (23 37 13 13-0001)		
	Note: Aluminum construction.		
23 37 13 13-0036	EA 6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	152.17	13.98
	<i>For Steel Construction, Deduct</i>	-9.69	
	<i>For Flush Mount, Deduct</i>	-4.84	
	<i>For Stainless Steel, Add</i>	242.13	
23 37 13 13-0037	EA 8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	164.09	13.98
	<i>For Steel Construction, Deduct</i>	-10.88	
	<i>For Flush Mount, Deduct</i>	-5.44	
	<i>For Stainless Steel, Add</i>	271.93	
23 37 13 13-0038	EA 10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	187.21	17.21
	<i>For Steel Construction, Deduct</i>	-12.04	
	<i>For Flush Mount, Deduct</i>	-6.02	
	<i>For Stainless Steel, Add</i>	301.08	
23 37 13 13-0039	EA 12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	200.53	17.21
	<i>For Steel Construction, Deduct</i>	-13.38	
	<i>For Flush Mount, Deduct</i>	-6.69	
	<i>For Stainless Steel, Add</i>	334.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0040 EA 14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	285.00	19.36
For Steel Construction, Deduct	-20.75	
For Flush Mount, Deduct	-10.38	
For Stainless Steel, Add	518.85	
23 37 13 13-0041 EA 16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	229.83	20.44
For Steel Construction, Deduct	-22.18	
For Flush Mount, Deduct	-11.09	
For Stainless Steel, Add	554.40	
23 37 13 13-0042 EA 18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	320.19	21.51
For Steel Construction, Deduct	-23.60	
For Flush Mount, Deduct	-11.80	
For Stainless Steel, Add	589.98	
23 37 13 13-0043 EA 20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	368.59	22.59
For Steel Construction, Deduct	-28.06	
For Flush Mount, Deduct	-14.03	
For Stainless Steel, Add	701.43	
23 37 13 13-0044 EA 24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	415.58	24.74
For Steel Construction, Deduct	-31.88	
For Flush Mount, Deduct	-15.94	
For Stainless Steel, Add	796.88	
23 37 13 13-0045 EA 28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	499.07	25.82
For Steel Construction, Deduct	-39.72	
For Flush Mount, Deduct	-19.86	
For Stainless Steel, Add	992.88	
23 37 13 13-0046 EA 32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	598.44	29.04
For Steel Construction, Deduct	-48.45	
For Flush Mount, Deduct	-24.23	
For Stainless Steel, Add	1,211.33	
23 37 13 13-0047 EA 36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	661.42	60.57
For Stainless Steel, Add	1,350.98	
23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection (23 37 13 13-0001)		
23 37 13 13-0049 LF 4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection.....	122.75	16.14
For Stainless Steel, Add	145.50	
23 37 13 13-0050 LF 6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	130.66	16.14
For Stainless Steel, Add	165.28	
23 37 13 13-0051 LF 9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	140.39	16.14
For Stainless Steel, Add	189.60	
23 37 13 13-0052 LF 12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	149.87	16.14
For Stainless Steel, Add	213.30	
23 37 13 13-0053 Wall And Floor Diffusers (23 37 13 13)		
23 37 13 13-0054 Slot Type Linear Diffusers (23 37 13 13-0053)		
Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055 LF 1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	41.82	5.38
For 3/4" Border, Add	4.81	
For Floor Mounted Diffusers, Add	5.77	
For Stainless Steel, Add	24.99	
23 37 13 13-0056 LF 2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling.....	50.35	6.45
For 3/4" Border, Add	6.41	
For Floor Mounted Diffusers, Add	7.69	
For Stainless Steel, Add	33.31	
23 37 13 13-0057 LF 3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling.....	68.34	7.53
For 3/4" Border, Add	10.09	
For Floor Mounted Diffusers, Add	12.11	
For Stainless Steel, Add	52.47	
23 37 13 13-0058 LF 4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling.....	88.84	7.53
For 3/4" Border, Add	14.41	
For Floor Mounted Diffusers, Add	17.30	
For Stainless Steel, Add	74.95	
23 37 13 13-0059 LF 5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling.....	110.48	8.61
For 3/4" Border, Add	18.74	
For Floor Mounted Diffusers, Add	22.49	
For Stainless Steel, Add	97.44	
23 37 13 13-0060 LF 6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling.....	129.26	10.76
For 3/4" Border, Add	22.10	
For Floor Mounted Diffusers, Add	26.52	
For Stainless Steel, Add	114.92	
23 37 13 13-0061 Linear Bar Grilles And Registers (23 37 13 13-0053)		
Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13 13-0062 LF 2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	117.61	6.45
For Floor Mount, Add	9.29	
For Opposed Blade Damper, Add	18.58	
For Stainless Steel, Add	120.74	
23 37 13 13-0063 LF 3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling.....	140.08	7.53
For Floor Mount, Add	11.21	
For Opposed Blade Damper, Add	22.42	
For Stainless Steel, Add	145.73	
23 37 13 13-0064 LF 4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling.....	152.90	7.53
For Floor Mount, Add	12.17	
For Opposed Blade Damper, Add	24.34	
For Stainless Steel, Add	158.22	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling.....	188.19		10.76
		<i>For Floor Mount, Add</i>	14.73		
		<i>For Opposed Blade Damper, Add</i>	29.47		
		<i>For Stainless Steel, Add</i>	191.53		
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling.....	259.84		13.98
		<i>For Floor Mount, Add</i>	20.50		
		<i>For Opposed Blade Damper, Add</i>	41.00		
		<i>For Stainless Steel, Add</i>	266.47		
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling.....	300.59		16.14
		<i>For Floor Mount, Add</i>	23.38		
		<i>For Opposed Blade Damper, Add</i>	46.76		
		<i>For Stainless Steel, Add</i>	303.95		
23 37 13 13-0068		Return/Exhaust Registers And Grilles <small>(23 37 13 13)</small>			
23 37 13 13-0069		Return/Exhaust Registers With Frame <small>(23 37 13 13-0068)</small>			
		Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.			
23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	84.96		8.61
		<i>For Steel Construction, Deduct</i>	-10.31		
		<i>For Grilles (No Damper), Deduct</i>	-20.63		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	5.16		
		<i>For Cube Core Lay In, Add</i>	10.31		
		<i>For Stainless Steel, Add</i>	128.93		
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	96.17		8.61
		<i>For Steel Construction, Deduct</i>	-12.56		
		<i>For Grilles (No Damper), Deduct</i>	-25.11		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	6.28		
		<i>For Cube Core Lay In, Add</i>	12.56		
		<i>For Stainless Steel, Add</i>	156.95		
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	108.23		9.68
		<i>For Steel Construction, Deduct</i>	-13.90		
		<i>For Grilles (No Damper), Deduct</i>	-27.80		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	6.95		
		<i>For Cube Core Lay In, Add</i>	13.90		
		<i>For Stainless Steel, Add</i>	173.75		
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	114.53		10.76
		<i>For Steel Construction, Deduct</i>	-13.90		
		<i>For Grilles (No Damper), Deduct</i>	-27.80		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	6.95		
		<i>For Cube Core Lay In, Add</i>	13.90		
		<i>For Stainless Steel, Add</i>	173.75		
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	110.05		10.76
		<i>For Steel Construction, Deduct</i>	-13.00		
		<i>For Grilles (No Damper), Deduct</i>	-26.01		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	6.50		
		<i>For Cube Core Lay In, Add</i>	13.00		
		<i>For Stainless Steel, Add</i>	162.55		
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	140.52		13.98
		<i>For Steel Construction, Deduct</i>	-17.04		
		<i>For Grilles (No Damper), Deduct</i>	-34.08		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	8.52		
		<i>For Cube Core Lay In, Add</i>	17.04		
		<i>For Stainless Steel, Add</i>	213.00		
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	168.50		16.14
		<i>For Steel Construction, Deduct</i>	-20.34		
		<i>For Grilles (No Damper), Deduct</i>	-40.69		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	10.17		
		<i>For Cube Core Lay In, Add</i>	20.34		
		<i>For Stainless Steel, Add</i>	254.30		
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	205.25		19.36
		<i>For Steel Construction, Deduct</i>	-25.56		
		<i>For Grilles (No Damper), Deduct</i>	-51.12		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	12.78		
		<i>For Cube Core Lay In, Add</i>	25.56		
		<i>For Stainless Steel, Add</i>	319.48		
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	238.95		21.51
		<i>For Steel Construction, Deduct</i>	-30.95		
		<i>For Grilles (No Damper), Deduct</i>	-61.90		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	15.48		
		<i>For Cube Core Lay In, Add</i>	30.95		
		<i>For Stainless Steel, Add</i>	386.88		
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	217.46		21.51
		<i>For Steel Construction, Deduct</i>	-25.89		
		<i>For Grilles (No Damper), Deduct</i>	-51.78		
		<i>For Removable Core, Add</i>	35.00		
		<i>For Cube Core With Frame, Add</i>	12.94		
		<i>For Cube Core Lay In, Add</i>	25.89		
		<i>For Stainless Steel, Add</i>	323.60		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0080	EA		24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	244.95	21.51
			<i>For Steel Construction, Deduct</i>	-31.39	
			<i>For Grilles (No Damper), Deduct</i>	-62.77	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	15.69	
			<i>For Cube Core Lay In, Add</i>	31.39	
			<i>For Stainless Steel, Add</i>	392.33	
23 37 13 13-0081	EA		24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	259.49	24.74
			<i>For Steel Construction, Deduct</i>	-32.53	
			<i>For Grilles (No Damper), Deduct</i>	-65.06	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	16.27	
			<i>For Cube Core Lay In, Add</i>	32.53	
			<i>For Stainless Steel, Add</i>	406.65	
23 37 13 13-0082	EA		30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	274.79	25.82
			<i>For Steel Construction, Deduct</i>	-34.57	
			<i>For Grilles (No Damper), Deduct</i>	-69.15	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	17.29	
			<i>For Cube Core Lay In, Add</i>	34.57	
			<i>For Stainless Steel, Add</i>	432.18	
23 37 13 13-0083	EA		30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	315.68	29.04
			<i>For Steel Construction, Deduct</i>	-40.35	
			<i>For Grilles (No Damper), Deduct</i>	-80.71	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	20.18	
			<i>For Cube Core Lay In, Add</i>	40.35	
			<i>For Stainless Steel, Add</i>	504.43	
23 37 13 13-0084	EA		30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	356.67	34.42
			<i>For Steel Construction, Deduct</i>	-43.67	
			<i>For Grilles (No Damper), Deduct</i>	-87.34	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	21.84	
			<i>For Cube Core Lay In, Add</i>	43.67	
			<i>For Stainless Steel, Add</i>	545.88	
23 37 13 13-0085	EA		30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	451.61	34.42
			<i>For Steel Construction, Deduct</i>	-62.66	
			<i>For Grilles (No Damper), Deduct</i>	-125.32	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	31.33	
			<i>For Cube Core Lay In, Add</i>	62.66	
			<i>For Stainless Steel, Add</i>	783.23	
23 37 13 13-0086	EA		36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	384.85	37.65
			<i>For Steel Construction, Deduct</i>	-47.18	
			<i>For Grilles (No Damper), Deduct</i>	-94.36	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	23.59	
			<i>For Cube Core Lay In, Add</i>	47.18	
			<i>For Stainless Steel, Add</i>	589.73	
23 37 13 13-0087	EA		36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	375.83	36.58
			<i>For Steel Construction, Deduct</i>	-45.37	
			<i>For Grilles (No Damper), Deduct</i>	-90.75	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	22.69	
			<i>For Cube Core Lay In, Add</i>	45.37	
			<i>For Stainless Steel, Add</i>	567.18	
23 37 13 13-0088	EA		36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	425.58	40.88
			<i>For Steel Construction, Deduct</i>	-52.84	
			<i>For Grilles (No Damper), Deduct</i>	-105.68	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	26.42	
			<i>For Cube Core Lay In, Add</i>	52.84	
			<i>For Stainless Steel, Add</i>	660.53	
23 37 13 13-0089	EA		36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	564.89	44.11
			<i>For Steel Construction, Deduct</i>	-77.77	
			<i>For Grilles (No Damper), Deduct</i>	-155.54	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	38.89	
			<i>For Cube Core Lay In, Add</i>	77.77	
			<i>For Stainless Steel, Add</i>	972.13	
23 37 13 13-0090	EA		24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	256.62	24.85
			<i>For Steel Construction, Deduct</i>	-31.47	
			<i>For Grilles (No Damper), Deduct</i>	-62.93	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	15.73	
			<i>For Cube Core Lay In, Add</i>	31.47	
			<i>For Stainless Steel, Add</i>	393.33	
23 37 13 13-0091	EA		32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	463.43	44.00
			<i>For Steel Construction, Deduct</i>	-57.48	
			<i>For Grilles (No Damper), Deduct</i>	-114.96	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	28.74	
			<i>For Cube Core Lay In, Add</i>	57.48	
			<i>For Stainless Steel, Add</i>	718.48	
23 37 13 13-0092	EA		48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	491.15	43.03
			<i>For Steel Construction, Deduct</i>	-65.96	
			<i>For Grilles (No Damper), Deduct</i>	-131.91	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	32.98	
			<i>For Cube Core Lay In, Add</i>	65.96	
			<i>For Stainless Steel, Add</i>	824.45	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 13-0093	Return/Exhaust Registers Removable-Reversible <small>(23 37 13 13-0068)</small>		
	Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA 8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	79.13	8.61
	For Steel Construction, Deduct	-4.57	
	For Flat Frame, Deduct	-0.46	
	For Grilles (No Damper), Deduct	-9.15	
	For Stainless Steel, Add	114.35	
23 37 13 13-0095	EA 8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	79.13	8.61
	For Steel Construction, Deduct	-4.57	
	For Flat Frame, Deduct	-0.46	
	For Grilles (No Damper), Deduct	-9.15	
	For Stainless Steel, Add	114.35	
23 37 13 13-0096	EA 10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	96.57	9.68
	For Steel Construction, Deduct	-5.78	
	For Flat Frame, Deduct	-0.58	
	For Grilles (No Damper), Deduct	-11.57	
	For Stainless Steel, Add	144.60	
23 37 13 13-0097	EA 10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	110.94	11.83
	For Steel Construction, Deduct	-6.59	
	For Flat Frame, Deduct	-0.66	
	For Grilles (No Damper), Deduct	-13.18	
	For Stainless Steel, Add	164.78	
23 37 13 13-0098	EA 12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	109.60	10.76
	For Steel Construction, Deduct	-6.46	
	For Flat Frame, Deduct	-0.65	
	For Grilles (No Damper), Deduct	-12.91	
	For Stainless Steel, Add	161.43	
23 37 13 13-0099	EA 12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	141.41	13.98
	For Steel Construction, Deduct	-8.61	
	For Flat Frame, Deduct	-0.86	
	For Grilles (No Damper), Deduct	-17.22	
	For Stainless Steel, Add	215.23	
23 37 13 13-0100	EA 16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	222.37	17.21
	For Steel Construction, Deduct	-15.56	
	For Flat Frame, Deduct	-1.56	
	For Grilles (No Damper), Deduct	-31.12	
	For Stainless Steel, Add	388.98	
23 37 13 13-0101	EA 18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	267.13	19.36
	For Steel Construction, Deduct	-18.97	
	For Flat Frame, Deduct	-1.90	
	For Grilles (No Damper), Deduct	-37.93	
	For Stainless Steel, Add	474.18	
23 37 13 13-0102	EA 20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	300.78	21.51
	For Steel Construction, Deduct	-21.66	
	For Flat Frame, Deduct	-2.17	
	For Grilles (No Damper), Deduct	-43.32	
	For Stainless Steel, Add	541.45	
23 37 13 13-0103	EA 24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	254.82	21.51
	For Steel Construction, Deduct	-16.68	
	For Flat Frame, Deduct	-1.67	
	For Grilles (No Damper), Deduct	-33.36	
	For Stainless Steel, Add	417.00	
23 37 13 13-0104	EA 24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	335.54	22.59
	For Steel Construction, Deduct	-24.75	
	For Flat Frame, Deduct	-2.48	
	For Grilles (No Damper), Deduct	-49.50	
	For Stainless Steel, Add	618.80	
23 37 13 13-0105	EA 24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	390.08	24.74
	For Steel Construction, Deduct	-29.33	
	For Flat Frame, Deduct	-2.93	
	For Grilles (No Damper), Deduct	-58.65	
	For Stainless Steel, Add	733.13	
23 37 13 13-0106	EA 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	306.39	25.82
	For Steel Construction, Deduct	-20.45	
	For Flat Frame, Deduct	-2.04	
	For Grilles (No Damper), Deduct	-40.89	
	For Stainless Steel, Add	511.18	
23 37 13 13-0107	EA 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	415.23	29.04
	For Steel Construction, Deduct	-30.13	
	For Flat Frame, Deduct	-3.01	
	For Grilles (No Damper), Deduct	-60.26	
	For Stainless Steel, Add	753.30	
23 37 13 13-0108	EA 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	500.18	34.42
	For Steel Construction, Deduct	-36.19	
	For Flat Frame, Deduct	-3.62	
	For Grilles (No Damper), Deduct	-72.37	
	For Stainless Steel, Add	904.65	
23 37 13 13-0109	EA 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	568.11	34.42
	For Steel Construction, Deduct	-42.98	
	For Flat Frame, Deduct	-4.30	
	For Grilles (No Damper), Deduct	-85.96	
	For Stainless Steel, Add	1,074.48	
23 37 13 13-0110	EA 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	400.51	36.58
	For Steel Construction, Deduct	-25.16	
	For Flat Frame, Deduct	-2.52	
	For Grilles (No Damper), Deduct	-50.31	
	For Stainless Steel, Add	628.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0111 EA 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	529.65	36.58
For Steel Construction, Deduct	-38.07	
For Flat Frame, Deduct	-3.81	
For Grilles (No Damper), Deduct	-76.14	
For Stainless Steel, Add	951.73	
23 37 13 13-0112 EA 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	610.66	40.88
For Steel Construction, Deduct	-44.93	
For Flat Frame, Deduct	-4.49	
For Grilles (No Damper), Deduct	-89.86	
For Stainless Steel, Add	1,123.23	
23 37 13 13-0113 EA 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	710.75	44.11
For Steel Construction, Deduct	-53.47	
For Flat Frame, Deduct	-5.35	
For Grilles (No Damper), Deduct	-106.94	
For Stainless Steel, Add	1,336.78	
23 37 13 13-0114 EA 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	748.42	44.11
For Steel Construction, Deduct	-57.24	
For Flat Frame, Deduct	-5.72	
For Grilles (No Damper), Deduct	-114.48	
For Stainless Steel, Add	1,430.95	
23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles (23 37 13 13-0068)		
23 37 13 13-0116 EA 6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	45.15	10.53
23 37 13 13-0117 EA 8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	45.15	10.53
23 37 13 13-0118 EA 8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	48.18	10.53
23 37 13 13-0119 EA 8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	49.40	10.53
23 37 13 13-0120 EA 10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	48.18	10.53
23 37 13 13-0121 EA 10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	49.40	10.53
23 37 13 13-0122 EA 10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	60.53	13.80
23 37 13 13-0123 EA 10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	61.75	13.80
23 37 13 13-0124 EA 12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	59.32	13.80
23 37 13 13-0125 EA 12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	61.75	13.80
23 37 13 13-0126 EA 12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	62.96	13.80
23 37 13 13-0127 EA 12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	64.18	13.80
23 37 13 13-0128 EA 14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	62.36	13.80
23 37 13 13-0129 EA 14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	64.79	13.80
23 37 13 13-0130 EA 14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	66.00	13.80
23 37 13 13-0131 EA 14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	71.47	13.80
23 37 13 13-0132 EA 16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	64.79	13.80
23 37 13 13-0133 EA 16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	69.04	13.80
23 37 13 13-0134 EA 16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	71.47	13.80
23 37 13 13-0135 EA 16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	94.37	20.35
23 37 13 13-0136 EA 16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.58	20.35
23 37 13 13-0137 EA 18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	93.15	20.35
23 37 13 13-0138 EA 18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	112.80	23.63
23 37 13 13-0139 EA 20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	91.94	20.35
23 37 13 13-0140 EA 20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	118.88	23.63
23 37 13 13-0141 EA 22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	63.57	13.80
23 37 13 13-0142 EA 22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	93.15	20.35
23 37 13 13-0143 EA 22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	133.68	26.91
23 37 13 13-0144 EA 24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	91.94	20.35
23 37 13 13-0145 EA 24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	94.37	20.35
23 37 13 13-0146 EA 24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	109.16	23.63
For Lay-In Installation, Deduct	-49.91	
23 37 13 13-0147 EA 24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	112.80	23.63
23 37 13 13-0148 EA 24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	126.39	26.91
23 37 13 13-0149 EA 24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	130.03	26.91
23 37 13 13-0150 EA 24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	134.29	26.91
23 37 13 13-0151 EA 24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	142.19	26.91
For Lay-In Installation, Deduct	-57.16	
23 37 13 13-0152 EA 30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	110.98	23.63
23 37 13 13-0153 EA 48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	171.39	29.50
23 37 13 13-0154 EA 48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	279.34	36.04
For Lay-In Installation, Deduct	-82.24	
23 37 13 13-0155 Supply Registers and Grilles (23 37 13 13)		
23 37 13 13-0156 Adjustable Curved Blade Register (23 37 13 13-0155)		
Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 13-0157 EA 6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	72.53	8.61
For Steel Construction, Deduct	-5.88	
For Lay In Frame, Deduct	-9.80	
For Three Way Pattern, Deduct	-3.92	
For Two Way Pattern, Deduct	-3.14	
For One Way Pattern, Deduct	-3.14	
For Grille (No Damper), Deduct	-5.88	
For Stainless Steel, Add	98.00	
23 37 13 13-0158 EA 8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	74.84	8.61
For Steel Construction, Deduct	-6.23	
For Lay In Frame, Deduct	-10.38	
For Three Way Pattern, Deduct	-4.15	
For Two Way Pattern, Deduct	-3.32	
For One Way Pattern, Deduct	-3.32	
For Grille (No Damper), Deduct	-6.23	
For Stainless Steel, Add	103.78	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 37 13 13-0159	EA 12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	84.34	11.83
	<i>For Steel Construction, Deduct</i>	-5.88	
	<i>For Lay In Frame, Deduct</i>	-9.80	
	<i>For Three Way Pattern, Deduct</i>	-3.92	
	<i>For Two Way Pattern, Deduct</i>	-3.14	
	<i>For One Way Pattern, Deduct</i>	-3.14	
	<i>For Grille (No Damper), Deduct</i>	-5.88	
	<i>For Stainless Steel, Add</i>	98.00	
23 37 13 13-0160	EA 10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	92.80	10.76
	<i>For Steel Construction, Deduct</i>	-7.15	
	<i>For Lay In Frame, Deduct</i>	-11.92	
	<i>For Three Way Pattern, Deduct</i>	-4.77	
	<i>For Two Way Pattern, Deduct</i>	-3.81	
	<i>For One Way Pattern, Deduct</i>	-3.81	
	<i>For Grille (No Damper), Deduct</i>	-7.15	
	<i>For Stainless Steel, Add</i>	119.15	
23 37 13 13-0161	EA 12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	111.74	13.98
	<i>For Steel Construction, Deduct</i>	-8.53	
	<i>For Lay In Frame, Deduct</i>	-14.22	
	<i>For Three Way Pattern, Deduct</i>	-5.69	
	<i>For Two Way Pattern, Deduct</i>	-4.55	
	<i>For One Way Pattern, Deduct</i>	-4.55	
	<i>For Grille (No Damper), Deduct</i>	-8.53	
	<i>For Stainless Steel, Add</i>	142.20	
23 37 13 13-0162	EA 14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	137.50	16.14
	<i>For Steel Construction, Deduct</i>	-10.61	
	<i>For Lay In Frame, Deduct</i>	-17.68	
	<i>For Three Way Pattern, Deduct</i>	-7.07	
	<i>For Two Way Pattern, Deduct</i>	-5.66	
	<i>For One Way Pattern, Deduct</i>	-5.66	
	<i>For Grille (No Damper), Deduct</i>	-10.61	
	<i>For Stainless Steel, Add</i>	176.80	
23 37 13 13-0163	EA 16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	137.50	16.14
	<i>For Steel Construction, Deduct</i>	-10.61	
	<i>For Lay In Frame, Deduct</i>	-17.68	
	<i>For Three Way Pattern, Deduct</i>	-7.07	
	<i>For Two Way Pattern, Deduct</i>	-5.66	
	<i>For One Way Pattern, Deduct</i>	-5.66	
	<i>For Grille (No Damper), Deduct</i>	-10.61	
	<i>For Stainless Steel, Add</i>	176.80	
23 37 13 13-0164	EA 18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	169.92	21.51
	<i>For Steel Construction, Deduct</i>	-12.91	
	<i>For Lay In Frame, Deduct</i>	-21.52	
	<i>For Three Way Pattern, Deduct</i>	-8.61	
	<i>For Two Way Pattern, Deduct</i>	-6.89	
	<i>For One Way Pattern, Deduct</i>	-6.89	
	<i>For Grille (No Damper), Deduct</i>	-12.91	
	<i>For Stainless Steel, Add</i>	215.23	
23 37 13 13-0165	EA 24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	217.93	22.59
	<i>For Steel Construction, Deduct</i>	-19.49	
	<i>For Lay In Frame, Deduct</i>	-32.48	
	<i>For Three Way Pattern, Deduct</i>	-12.99	
	<i>For Two Way Pattern, Deduct</i>	-10.39	
	<i>For One Way Pattern, Deduct</i>	-10.39	
	<i>For Grille (No Damper), Deduct</i>	-19.49	
	<i>For Stainless Steel, Add</i>	324.78	
23 37 13 13-0166	EA 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	340.68	45.61
	<i>For Steel Construction, Deduct</i>	-37.42	
	<i>For Lay In Frame, Deduct</i>	-62.36	
	<i>For Three Way Pattern, Deduct</i>	-24.94	
	<i>For Two Way Pattern, Deduct</i>	-19.96	
	<i>For One Way Pattern, Deduct</i>	-19.96	
	<i>For Grille (No Damper), Deduct</i>	-37.42	
	<i>For Stainless Steel, Add</i>	623.60	

23 37 13 13-0167 Removable-Reversible Core Registers (23 37 13 13-0155)

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0168	EA 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	82.53	8.61
	<i>For Steel Construction, Deduct</i>	-4.92	
	<i>For Flat Frame, Deduct</i>	-4.92	
	<i>For Grille (No Damper), Deduct</i>	-14.76	
	<i>For Stainless Steel, Add</i>	123.00	
23 37 13 13-0169	EA 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	102.51	8.61
	<i>For Steel Construction, Deduct</i>	-6.92	
	<i>For Flat Frame, Deduct</i>	-6.92	
	<i>For Grille (No Damper), Deduct</i>	-20.75	
	<i>For Stainless Steel, Add</i>	172.95	
23 37 13 13-0170	EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	131.23	11.83
	<i>For Steel Construction, Deduct</i>	-8.61	
	<i>For Flat Frame, Deduct</i>	-8.61	
	<i>For Grille (No Damper), Deduct</i>	-25.83	
	<i>For Stainless Steel, Add</i>	215.23	
23 37 13 13-0171	EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	132.77	11.83
	<i>For Steel Construction, Deduct</i>	-8.76	
	<i>For Flat Frame, Deduct</i>	-8.76	
	<i>For Grille (No Damper), Deduct</i>	-26.29	
	<i>For Stainless Steel, Add</i>	219.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 37 13 13-0172	EA	12" x 12"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	168.62	13.98
			For Steel Construction, Deduct	-11.38	
			For Flat Frame, Deduct	-11.38	
			For Grille (No Damper), Deduct	-34.13	
			For Stainless Steel, Add	284.40	
23 37 13 13-0173	EA	14" x 14"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	237.43	17.21
			For Steel Construction, Deduct	-17.07	
			For Flat Frame, Deduct	-17.07	
			For Grille (No Damper), Deduct	-51.20	
			For Stainless Steel, Add	426.63	
23 37 13 13-0174	EA	16" x 16"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	265.10	16.14
			For Steel Construction, Deduct	-19.83	
			For Flat Frame, Deduct	-19.83	
			For Grille (No Damper), Deduct	-59.50	
			For Stainless Steel, Add	495.80	
23 37 13 13-0175	EA	18" x 18"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	320.58	21.51
			For Steel Construction, Deduct	-23.68	
			For Flat Frame, Deduct	-23.68	
			For Grille (No Damper), Deduct	-71.03	
			For Stainless Steel, Add	591.88	
23 37 13 13-0176	EA	24" x 24"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	400.10	21.51
			For Steel Construction, Deduct	-31.21	
			For Flat Frame, Deduct	-31.21	
			For Grille (No Damper), Deduct	-93.62	
			For Stainless Steel, Add	780.20	

23 37 13 13-0177 Adjustable Shutter Blade Registers (23 37 13 13-0155)

Note: Double deflection flat frame aluminum construction.

23 37 13 13-0178	EA	6" x 6"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	123.01	8.61
			For Steel Construction, Deduct	-8.97	
			For Single Deflection, Deduct	-17.94	
			For Grille (No Damper), Deduct	-13.45	
			For Stainless Steel, Add	224.20	
23 37 13 13-0179	EA	8" x 8"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	140.95	8.61
			For Steel Construction, Deduct	-10.76	
			For Single Deflection, Deduct	-21.52	
			For Grille (No Damper), Deduct	-16.14	
			For Stainless Steel, Add	269.05	
23 37 13 13-0180	EA	12" x 6"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	152.76	11.83
			For Steel Construction, Deduct	-10.76	
			For Single Deflection, Deduct	-21.52	
			For Grille (No Damper), Deduct	-16.14	
			For Stainless Steel, Add	269.05	
23 37 13 13-0181	EA	10" x 10"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	157.88	10.76
			For Steel Construction, Deduct	-11.27	
			For Single Deflection, Deduct	-22.55	
			For Grille (No Damper), Deduct	-16.91	
			For Stainless Steel, Add	281.85	
23 37 13 13-0182	EA	12" x 12"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	193.22	13.98
			For Steel Construction, Deduct	-13.84	
			For Single Deflection, Deduct	-27.67	
			For Grille (No Damper), Deduct	-20.75	
			For Stainless Steel, Add	345.90	
23 37 13 13-0183	EA	14" x 14"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	256.39	16.14
			For Steel Construction, Deduct	-18.96	
			For Single Deflection, Deduct	-37.92	
			For Grille (No Damper), Deduct	-28.44	
			For Stainless Steel, Add	474.03	
23 37 13 13-0184	EA	16" x 16"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	299.95	17.21
			For Steel Construction, Deduct	-23.32	
			For Single Deflection, Deduct	-46.63	
			For Grille (No Damper), Deduct	-34.98	
			For Stainless Steel, Add	582.93	
23 37 13 13-0185	EA	18" x 18"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	370.80	21.51
			For Steel Construction, Deduct	-28.70	
			For Single Deflection, Deduct	-57.39	
			For Grille (No Damper), Deduct	-43.05	
			For Stainless Steel, Add	717.43	
23 37 13 13-0186	EA	24" x 24"	Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	505.67	22.59
			For Steel Construction, Deduct	-41.77	
			For Single Deflection, Deduct	-83.53	
			For Grille (No Damper), Deduct	-62.65	
			For Stainless Steel, Add	1,044.13	

23 37 13 13-0187 Air Conditioning And Ventilation (23 37 13 13-0155)

23 37 13 13-0188	EA	10" x 16"	Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	76.09	22.59
			For Stainless Steel, Add	77.38	
23 37 13 13-0189	EA	18" x 12"	Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	129.15	33.62
			For Stainless Steel, Add	154.78	
23 37 13 13-0190	EA	30" x 12"	Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	197.31	47.07
			For Stainless Steel, Add	257.95	
23 37 13 13-0191	EA	48" x 24"	Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	469.58	64.55
			For Stainless Steel, Add	851.20	

23 37 13 13-0192 Square Wall Return Air And Exhaust Grilles (23 37 13 13-0155)

Note: Egg crate design aluminum construction.

23 37 13 13-0193	EA	8" x 8"	Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	72.51	26.96
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23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0194	EA		12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	78.24	26.96
23 37 13 13-0195	EA		18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	116.64	40.44
23 37 13 13-0196	EA		24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	145.26	40.44
23 37 13 13-0197	EA		28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	236.62	53.91
23 37 13 13-0198	EA		36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	409.37	53.79
23 37 13 13-0199			Rectangular Four-Way Adjustable Deflection Wall Supply Grilles (23 37 13 13-0155) Note: Aluminum construction.		
23 37 13 13-0200	EA		12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	183.56	19.41
23 37 13 13-0201	EA		14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	206.62	19.41
23 37 13 13-0202	EA		18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	247.68	21.57
23 37 13 13-0203	EA		24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	288.65	21.57
23 37 13 13-0204	EA		36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	377.26	67.39
23 37 13 13-0205			Square Ceiling Return Air And Exhaust Grilles (23 37 13 13-0155) Note: Egg crate design, plastic construction.		
23 37 13 13-0206	EA		24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	38.19	12.91
23 37 13 13-0207	EA		24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	53.46	13.01
23 37 13 13-0208			Door Grilles Sight Proof Inverted Vee Cross Section (23 37 13 13-0155) Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA		12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	104.43	19.41
23 37 13 13-0210	EA		12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	134.87	19.41
23 37 13 13-0211	EA		18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	163.06	20.48
23 37 13 13-0212	EA		24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	216.86	24.47
23 37 13 13-0213	EA		24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	242.28	44.96
23 37 13 13-0214			Stainless Steel Devices (23 37 13 13-0155)		
23 37 13 13-0215			304 Stainless Steel, Louvered Partition/Door Grilles (23 37 13 13-0214)		
23 37 13 13-0216	SF		Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	170.36	16.82
			For 316 Stainless Steel, Add	28.47	
23 37 13 13-0217	SF		>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	144.39	16.82
			For 316 Stainless Steel, Add	23.27	
23 37 13 13-0218			304 Stainless Steel, Single Deflection Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0219	SF		Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	130.00	16.82
			For 316 Stainless Steel, Add	20.39	
23 37 13 13-0220	SF		>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	111.11	16.82
			For 316 Stainless Steel, Add	16.62	
23 37 13 13-0221			304 Stainless Steel, Double Deflection Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0222	SF		Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	188.42	16.82
			For 316 Stainless Steel, Add	32.08	
23 37 13 13-0223	SF		>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	161.16	16.82
			For 316 Stainless Steel, Add	26.63	
23 37 13 13-0224			304 Stainless Steel Return Grilles (23 37 13 13-0214)		
23 37 13 13-0225	SF		Up To 4 SF, 304 Stainless Steel Return Grille	130.00	16.82
			For 316 Stainless Steel, Add	20.39	
23 37 13 13-0226	SF		>4 SF, 304 Stainless Steel Return Grille	111.11	16.82
			For 316 Stainless Steel, Add	16.62	
23 37 13 13-0227			304 Stainless Steel, Louvered Supply/Return Grilles (23 37 13 13-0214)		
23 37 13 13-0228	SF		Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	130.00	16.82
			For 316 Stainless Steel, Add	20.39	
23 37 13 13-0229	SF		>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	111.11	16.82
			For 316 Stainless Steel, Add	16.62	
23 37 13 13-0230			304 Stainless Steel, Perforated Return Grilles (23 37 13 13-0214)		
23 37 13 13-0231	SF		Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	130.00	16.82
			For 316 Stainless Steel, Add	20.39	
23 37 13 13-0232	SF		>4 SF, 304 Stainless Steel, Perforated Return Grille	105.92	16.82
			For 316 Stainless Steel, Add	15.58	
23 37 13 13-0233			304 Stainless Steel, Perforated Supply Grilles (23 37 13 13-0214)		
23 37 13 13-0234	SF		Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	156.55	16.82
			For 316 Stainless Steel, Add	25.70	
23 37 13 13-0235	SF		>4 SF, 304 Stainless Steel, Perforated Supply Grille	108.68	16.82
			For 316 Stainless Steel, Add	16.13	
23 37 13 13-0236			304 Stainless Steel, Door Grilles (23 37 13 13-0214)		
23 37 13 13-0237	SF		Up To 4 SF, 304 Stainless Steel, Door Grille	231.97	16.82
			For 316 Stainless Steel, Add	40.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 37 13 13-0238	SF >4 SF, 304 Stainless Steel, Door Grille <i>For 316 Stainless Steel, Add</i>	194.21 33.24	16.82
23 37 13 13-0239 304 Stainless Steel, Linear Bar Grilles (23 37 13 13-0214)			
23 37 13 13-0240	SF Up To 4 SF, 304 Stainless Steel, Linear Bar Grille <i>For 316 Stainless Steel, Add</i>	295.35 53.46	16.82
23 37 13 13-0241	SF >4 SF, 304 Stainless Steel, Linear Bar Grille <i>For 316 Stainless Steel, Add</i>	253.44 45.08	16.82
23 37 13 13-0242 304 Stainless Steel, Hinged Filter Grilles (23 37 13 13-0214)			
23 37 13 13-0243	SF Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille <i>For 316 Stainless Steel, Add</i>	218.16 38.03	16.82
23 37 13 13-0244	SF >4 SF, 304 Stainless Steel, Hinged Filter Grille <i>For 316 Stainless Steel, Add</i>	152.07 24.81	16.82
23 37 13 13-0245 304 Stainless Steel, Opposed Blade Dampers Grilles (23 37 13 13-0214)			
23 37 13 13-0246	SF Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille <i>For 316 Stainless Steel, Add</i>	119.38 18.27	16.82
23 37 13 13-0247	SF Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF <i>For 316 Stainless Steel, Add</i>	91.88 12.77	16.82
23 37 13 13-0248 304 Stainless Steel, Plaster Frames Replacement (23 37 13 13-0214)			
Note: For frequent replacement.			
23 37 13 13-0249	SF To 4 SF, 304 Stainless Steel, Plaster Frames Replacement <i>For 316 Stainless Steel, Add</i>	93.89 13.17	16.82
23 37 13 13-0250	SF >4 SF, 304 Stainless Steel, Plaster Frames Replacement <i>For 316 Stainless Steel, Add</i>	51.75 4.74	16.82
23 37 13 13-0251 304 Stainless Steel, Modular Louvered Ceiling Diffusers (23 37 13 13-0214)			
23 37 13 13-0252	SF Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser <i>For 316 Stainless Steel, Add</i>	214.97 37.39	16.82
23 37 13 13-0253	SF >4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser <i>For 316 Stainless Steel, Add</i>	169.07 28.21	16.82
23 37 13 13-0254 304 Stainless Steel, Latticed Supply/Return Grilles (23 37 13 13-0214)			
23 37 13 13-0255	SF Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille <i>For 316 Stainless Steel, Add</i>	77.95 9.98	16.82
23 37 13 13-0256	SF >4 SF, 304 Stainless Steel, Latticed Supply/Return Grille <i>For 316 Stainless Steel, Add</i>	77.95 9.98	16.82
23 37 13 13-0257 Removal And Reinstallation Of Distribution Devices (23 37 13 13)			
Note: Includes storage and cleaning. Excludes ductwork.			
23 37 13 13-0258	EA Removal And Reinstallation Of Variable Air Volume Terminal Unit	201.72	
23 37 13 13-0259	EA Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	222.49	
23 37 13 13-0260	EA Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	33.34	
23 37 13 13-0261	EA Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	45.16	
23 37 13 43 Security Registers and Grilles (23 37 13)			
23 37 13 43-0001 Security Supply Or Return Grille (23 37 13 43)			
Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.			
23 37 13 43-0002	EA 8" x 4" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Angle Iron Frame, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	170.51 13.82 23.96 51.59 0.35 34.54 179.62	16.17
23 37 13 43-0003	EA 8" x 6" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Angle Iron Frame, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	188.35 15.49 26.58 57.57 0.35 38.73 201.40	16.71
23 37 13 43-0004	EA 8" x 8" Steel Security Grille <i>For Anchoring Tabs, Add</i> <i>For Angle Iron Frame, Add</i> <i>For Rear Operated Opposed Blade Damper, Add</i> <i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i> <i>For 1" x 1" Square Holes On Face, Add</i> <i>For Stainless Steel, Add</i>	215.69 17.80 30.47 66.06 0.35 44.49 231.34	18.87

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0005	EA		10" x 4" Steel Security Grille	189.48	18.33
			For Anchoring Tabs, Add	15.28	
			For Angle Iron Frame, Add	26.59	
			For Rear Operated Opposed Blade Damper, Add	57.15	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	38.21	
			For Stainless Steel, Add	198.67	
23 37 13 43-0006	EA		10" x 6" Steel Security Grille	202.11	19.41
			For Anchoring Tabs, Add	16.33	
			For Angle Iron Frame, Add	28.38	
			For Rear Operated Opposed Blade Damper, Add	61.03	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	40.82	
			For Stainless Steel, Add	212.28	
23 37 13 43-0007	EA		10" x 8" Steel Security Grille	230.46	21.03
			For Anchoring Tabs, Add	18.84	
			For Angle Iron Frame, Add	32.47	
			For Rear Operated Opposed Blade Damper, Add	70.15	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	47.10	
			For Stainless Steel, Add	244.93	
23 37 13 43-0008	EA		10" x 10" Steel Security Grille	256.72	22.65
			For Anchoring Tabs, Add	21.14	
			For Angle Iron Frame, Add	36.24	
			For Rear Operated Opposed Blade Damper, Add	78.53	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	52.86	
			For Stainless Steel, Add	274.87	
23 37 13 43-0009	EA		12" x 4" Steel Security Grille	200.08	20.48
			For Anchoring Tabs, Add	15.91	
			For Angle Iron Frame, Add	27.96	
			For Rear Operated Opposed Blade Damper, Add	59.79	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	39.78	
			For Stainless Steel, Add	206.84	
23 37 13 43-0010	EA		12" x 6" Steel Security Grille	223.23	22.65
			For Anchoring Tabs, Add	17.80	
			For Angle Iron Frame, Add	31.22	
			For Rear Operated Opposed Blade Damper, Add	66.81	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	44.49	
			For Stainless Steel, Add	231.34	
23 37 13 43-0011	EA		12" x 8" Steel Security Grille	253.68	24.26
			For Anchoring Tabs, Add	20.52	
			For Angle Iron Frame, Add	35.63	
			For Rear Operated Opposed Blade Damper, Add	76.66	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	51.29	
			For Stainless Steel, Add	266.71	
23 37 13 43-0012	EA		12" x 10" Steel Security Grille	275.75	25.88
			For Anchoring Tabs, Add	22.40	
			For Angle Iron Frame, Add	38.78	
			For Rear Operated Opposed Blade Damper, Add	83.58	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	56.00	
			For Stainless Steel, Add	291.20	
23 37 13 43-0013	EA		12" x 12" Steel Security Grille	304.12	27.50
			For Anchoring Tabs, Add	24.91	
			For Angle Iron Frame, Add	42.87	
			For Rear Operated Opposed Blade Damper, Add	92.69	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	62.28	
			For Stainless Steel, Add	323.87	
23 37 13 43-0014	EA		14" x 4" Steel Security Grille	213.77	22.10
			For Anchoring Tabs, Add	16.96	
			For Angle Iron Frame, Add	29.86	
			For Rear Operated Opposed Blade Damper, Add	63.77	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	42.39	
			For Stainless Steel, Add	220.44	
23 37 13 43-0015	EA		14" x 6" Steel Security Grille	240.04	23.72
			For Anchoring Tabs, Add	19.26	
			For Angle Iron Frame, Add	33.63	
			For Rear Operated Opposed Blade Damper, Add	72.15	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	48.15	
			For Stainless Steel, Add	250.38	
23 37 13 43-0016	EA		14" x 8" Steel Security Grille	267.38	25.88
			For Anchoring Tabs, Add	21.56	
			For Angle Iron Frame, Add	37.52	
			For Rear Operated Opposed Blade Damper, Add	80.65	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	53.91	
			For Stainless Steel, Add	280.32	
23 37 13 43-0017	EA		14" x 10" Steel Security Grille	301.01	28.03
			For Anchoring Tabs, Add	24.49	
			For Angle Iron Frame, Add	42.35	
			For Rear Operated Opposed Blade Damper, Add	91.34	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	61.24	
			For Stainless Steel, Add	318.42	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 37 13 43-0018	EA	14" x 12" Steel Security Grille.....	331.51	30.73
		For Anchoring Tabs, Add	27.01	
		For Angle Iron Frame, Add	46.65	
		For Rear Operated Opposed Blade Damper, Add	100.67	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	67.52	
		For Stainless Steel, Add	351.08	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille.....	356.76	32.89
		For Anchoring Tabs, Add	29.10	
		For Angle Iron Frame, Add	50.23	
		For Rear Operated Opposed Blade Damper, Add	108.43	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	72.75	
		For Stainless Steel, Add	378.30	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille.....	256.91	25.88
		For Anchoring Tabs, Add	20.52	
		For Angle Iron Frame, Add	35.95	
		For Rear Operated Opposed Blade Damper, Add	76.98	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	51.29	
		For Stainless Steel, Add	266.71	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille.....	292.63	28.03
		For Anchoring Tabs, Add	23.66	
		For Angle Iron Frame, Add	41.09	
		For Rear Operated Opposed Blade Damper, Add	88.40	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	59.14	
		For Stainless Steel, Add	307.53	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille.....	315.79	30.19
		For Anchoring Tabs, Add	25.54	
		For Angle Iron Frame, Add	44.35	
		For Rear Operated Opposed Blade Damper, Add	95.43	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	63.85	
		For Stainless Steel, Add	332.03	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille.....	354.61	31.81
		For Anchoring Tabs, Add	29.10	
		For Angle Iron Frame, Add	50.01	
		For Rear Operated Opposed Blade Damper, Add	108.21	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	72.75	
		For Stainless Steel, Add	378.30	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille.....	375.67	33.96
		For Anchoring Tabs, Add	30.77	
		For Angle Iron Frame, Add	52.95	
		For Rear Operated Opposed Blade Damper, Add	114.50	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	76.94	
		For Stainless Steel, Add	400.06	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille.....	407.20	36.12
		For Anchoring Tabs, Add	33.50	
		For Angle Iron Frame, Add	57.47	
		For Rear Operated Opposed Blade Damper, Add	124.46	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	83.74	
		For Stainless Steel, Add	435.45	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille.....	273.85	29.11
		For Anchoring Tabs, Add	21.56	
		For Angle Iron Frame, Add	38.17	
		For Rear Operated Opposed Blade Damper, Add	81.29	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	53.91	
		For Stainless Steel, Add	280.32	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille.....	311.67	31.27
		For Anchoring Tabs, Add	24.91	
		For Angle Iron Frame, Add	43.62	
		For Rear Operated Opposed Blade Damper, Add	93.45	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	62.28	
		For Stainless Steel, Add	323.87	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille.....	341.10	33.43
		For Anchoring Tabs, Add	27.43	
		For Angle Iron Frame, Add	47.82	
		For Rear Operated Opposed Blade Damper, Add	102.67	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	68.56	
		For Stainless Steel, Add	356.53	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille.....	374.72	35.58
		For Anchoring Tabs, Add	30.36	
		For Angle Iron Frame, Add	52.65	
		For Rear Operated Opposed Blade Damper, Add	113.36	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	75.89	
		For Stainless Steel, Add	394.63	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille.....	398.77	35.04
		For Anchoring Tabs, Add	32.87	
		For Angle Iron Frame, Add	56.31	
		For Rear Operated Opposed Blade Damper, Add	122.05	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
		For 1" x 1" Square Holes On Face, Add	82.17	
		For Stainless Steel, Add	427.28	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0031	EA		18" x 16" Steel Security Grille	435.48	36.66
			<i>For Anchoring Tabs, Add</i>	36.22	
			<i>For Angle Iron Frame, Add</i>	61.66	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	134.09	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	90.54	
			<i>For Stainless Steel, Add</i>	470.82	
23 37 13 43-0032	EA		18" x 18" Steel Security Grille	465.94	38.27
			<i>For Anchoring Tabs, Add</i>	38.94	
			<i>For Angle Iron Frame, Add</i>	66.06	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	143.94	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	97.35	
			<i>For Stainless Steel, Add</i>	506.21	
23 37 13 43-0033	EA		20" x 6" Steel Security Grille	293.89	31.81
			<i>For Anchoring Tabs, Add</i>	23.03	
			<i>For Angle Iron Frame, Add</i>	40.90	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	86.96	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	57.57	
			<i>For Stainless Steel, Add</i>	299.36	
23 37 13 43-0034	EA		20" x 8" Steel Security Grille	331.78	35.04
			<i>For Anchoring Tabs, Add</i>	26.17	
			<i>For Angle Iron Frame, Add</i>	46.26	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	98.60	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	65.42	
			<i>For Stainless Steel, Add</i>	340.20	
23 37 13 43-0035	EA		20" x 10" Steel Security Grille	364.31	36.66
			<i>For Anchoring Tabs, Add</i>	29.10	
			<i>For Angle Iron Frame, Add</i>	50.98	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	109.18	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	72.75	
			<i>For Stainless Steel, Add</i>	378.30	
23 37 13 43-0036	EA		20" x 12" Steel Security Grille	400.02	38.82
			<i>For Anchoring Tabs, Add</i>	32.24	
			<i>For Angle Iron Frame, Add</i>	56.12	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	120.60	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	80.60	
			<i>For Stainless Steel, Add</i>	419.12	
23 37 13 43-0037	EA		20" x 14" Steel Security Grille	438.85	40.44
			<i>For Anchoring Tabs, Add</i>	35.80	
			<i>For Angle Iron Frame, Add</i>	61.78	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	133.38	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	89.50	
			<i>For Stainless Steel, Add</i>	465.39	
23 37 13 43-0038	EA		20" x 16" Steel Security Grille	473.49	42.05
			<i>For Anchoring Tabs, Add</i>	38.94	
			<i>For Angle Iron Frame, Add</i>	66.82	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	144.70	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	97.35	
			<i>For Stainless Steel, Add</i>	506.21	
23 37 13 43-0039	EA		20" x 18" Steel Security Grille	506.03	43.67
			<i>For Anchoring Tabs, Add</i>	41.87	
			<i>For Angle Iron Frame, Add</i>	71.54	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	155.28	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	104.68	
			<i>For Stainless Steel, Add</i>	544.31	
23 37 13 43-0040	EA		20" x 20" Steel Security Grille	544.85	45.29
			<i>For Anchoring Tabs, Add</i>	45.43	
			<i>For Angle Iron Frame, Add</i>	77.20	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	168.06	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	113.57	
			<i>For Stainless Steel, Add</i>	590.58	
23 37 13 43-0041	EA		24" x 6" Steel Security Grille	326.57	35.58
			<i>For Anchoring Tabs, Add</i>	25.54	
			<i>For Angle Iron Frame, Add</i>	45.43	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	96.51	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	63.85	
			<i>For Stainless Steel, Add</i>	332.03	
23 37 13 43-0042	EA		24" x 8" Steel Security Grille	368.62	38.82
			<i>For Anchoring Tabs, Add</i>	29.10	
			<i>For Angle Iron Frame, Add</i>	51.41	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	109.61	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	72.75	
			<i>For Stainless Steel, Add</i>	378.30	
23 37 13 43-0043	EA		24" x 10" Steel Security Grille	402.18	39.89
			<i>For Anchoring Tabs, Add</i>	32.24	
			<i>For Angle Iron Frame, Add</i>	56.34	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	120.82	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	80.60	
			<i>For Stainless Steel, Add</i>	419.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0044	EA		24" x 12" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	450.57 36.22 63.17 135.60 0.35 90.54 470.82	44.20
23 37 13 43-0045	EA		24" x 14" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	485.22 39.36 68.20 146.92 0.35 98.40 511.65	45.82
23 37 13 43-0046	EA		24" x 16" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	528.22 43.34 74.49 161.16 0.35 108.34 563.36	47.44
23 37 13 43-0047	EA		24" x 18" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	577.51 47.94 81.72 177.60 0.35 119.85 623.23	49.06
23 37 13 43-0048	EA		24" x 20" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	612.15 51.08 86.76 188.92 0.35 127.70 664.05	50.68
23 37 13 43-0049	EA		24" x 24" Steel Security Grille For Anchoring Tabs, Add For Angle Iron Frame, Add For Rear Operated Opposed Blade Damper, Add For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add For 1" x 1" Square Holes On Face, Add For Stainless Steel, Add	685.60 57.78 97.45 213.01 0.35 144.45 751.14	53.91

23 37 23 HVAC Gravity Ventilators (23 37)

23 37 23 13 HVAC Gravity Dome Ventilators (23 37 23)

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood (23 37 23 13)

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	570.94	62.39
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	609.94	71.43
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	762.03	88.86
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	811.66	94.56
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	947.20	110.06
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	670.73	71.01
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	739.30	80.04
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	850.43	86.07
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	937.49	104.32
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,069.58	111.89
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,201.51	118.77
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	796.42	81.01
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	907.58	92.30
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,018.73	103.60
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,148.33	116.83
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,296.58	131.89
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	963.09	98.00
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,000.18	101.77
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,111.33	113.07
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,259.46	128.13
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,407.59	143.19
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,611.36	163.95
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	956.40	96.61
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,112.87	112.42
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,269.44	128.23
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,443.30	145.78
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,599.77	161.59
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,011.20	107.15
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,143.76	121.25
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,276.42	135.23
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,475.36	156.31
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,624.51	172.13
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,285.90	144.05
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,427.00	159.86
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,630.89	182.67
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,787.70	200.21
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,960.20	219.57
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,535.36	163.95
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,691.75	180.63

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with columns for item number, description, and unit costs. Includes items like '30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood'.

23 38 Ventilation Hoods (23 30)

23 38 13 Commercial-Kitchen Hoods (23 38)

23 38 13 13 Listed Commercial-Kitchen Hoods (23 38 13)

23 38 13 13-0001 Universal Ventless Hood (23 38 13 13)

Table row for Universal Ventless Hood: 109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96) 30,738.47 433.84

23 38 13 16 Standard Commercial-Kitchen Hoods (23 38 13)

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System (23 38 13 16)

Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods (23 38 13 16-0001)

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

Table listing various Dry Filter Exhaust Hoods with descriptions and unit costs, ranging from 8' Long x 60" Deep to 16' Long x 60" Deep.

23 38 13 16-0020 Dry Extractor Exhaust Hoods (23 38 13 16-0001)

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

Table listing various Dry Extractor Exhaust Hoods with descriptions and unit costs, ranging from 8' Long x 60" Deep to 14'-6" Long x 60" Deep.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 38 13 16-0035	EA		15" Long x 60" Deep Dry Extractor Exhaust Hood.....	18,235.27	1,526.17
23 38 13 16-0036	EA		15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	19,302.37	1,577.05
23 38 13 16-0037	EA		16" Long x 60" Deep Dry Extractor Exhaust Hood	20,358.04	1,627.92

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods (23 38 13 16-0001)

Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA		8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,358.80	813.96
23 38 13 16-0040	EA		8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,728.14	864.83
23 38 13 16-0041	EA		9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,702.27	915.70
23 38 13 16-0042	EA		9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	13,069.76	966.58
23 38 13 16-0043	EA		10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	13,456.30	1,017.45
23 38 13 16-0044	EA		10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	13,814.34	1,068.33
23 38 13 16-0045	EA		11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	14,183.12	1,119.19
23 38 13 16-0046	EA		11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	14,552.39	1,170.07
23 38 13 16-0047	EA		12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	14,884.16	1,220.94
23 38 13 16-0048	EA		12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	15,369.75	1,271.81
23 38 13 16-0049	EA		13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	15,921.85	1,322.69
23 38 13 16-0050	EA		13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	16,503.28	1,373.56
23 38 13 16-0051	EA		14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,647.91	1,424.43
23 38 13 16-0052	EA		14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	18,239.70	1,475.30
23 38 13 16-0053	EA		15' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,322.10	1,526.17
23 38 13 16-0054	EA		15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	19,981.78	1,577.05
23 38 13 16-0055	EA		16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,569.20	1,627.92
23 38 13 16-0056	EA		Fan Wash Control Panel.....	8,046.31	406.98

Note: Includes time clock and backflow preventer.

23 38 13 16-0057 Utility Distribution System (UDS) (23 38 13 16-0001)

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058	EA		8' Long UDS	26,144.84	413.90
23 38 13 16-0059	EA		8'-6" Long UDS	26,915.94	423.97
23 38 13 16-0060	EA		9' Long UDS	27,678.62	433.84
23 38 13 16-0061	EA		9'-6" Long UDS	28,449.33	447.68
23 38 13 16-0062	EA		10' Long UDS	29,214.31	458.67
23 38 13 16-0063	EA		10'-6" Long UDS	29,972.32	470.27
23 38 13 16-0064	EA		11' Long UDS	30,739.42	478.31
23 38 13 16-0065	EA		11'-6" Long UDS	31,507.56	490.92
23 38 13 16-0066	EA		12' Long UDS	32,286.21	508.72
23 38 13 16-0067	EA		12'-6" Long UDS	33,077.62	532.94
23 38 13 16-0068	EA		13' Long UDS	33,851.92	548.61
23 38 13 16-0069	EA		13'-6" Long UDS	34,639.67	570.99
23 38 13 16-0070	EA		14' Long UDS	35,418.69	589.01
23 38 13 16-0071	EA		14'-6" Long UDS	36,200.05	608.23
23 38 13 16-0072	EA		15' Long UDS	36,984.02	628.78
23 38 13 16-0073	EA		15'-6" Long UDS	37,770.83	650.66
23 38 13 16-0074	EA		16' Long UDS	38,544.78	666.23

23 38 13 16-0075 Stainless Steel Exhaust Hood Material (23 38 13 16)

Note: Welded seams.

23 38 13 16-0076	SF		16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	37.68	13.79
			<i>For Type 316 Stainless Steel, Add</i>	<i>0.91</i>	
23 38 13 16-0077	SF		14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	47.10	18.39
			<i>For Type 316 Stainless Steel, Add</i>	<i>1.14</i>	
23 38 13 16-0078	SF		12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	65.39	24.82
			<i>For Type 316 Stainless Steel, Add</i>	<i>1.59</i>	
23 38 13 16-0079	SF		10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	81.71	30.34
			<i>For Type 316 Stainless Steel, Add</i>	<i>2.04</i>	

23 40 HVAC Air Cleaning Devices (23)

23 41 Particulate Air Filtration (23 40)

23 41 13 Panel Air Filters (23 41)

23 41 13 00-0001 Disposable Air Filters (23 41 13)

23 41 13 00-0002	EA		Throwaway Glass Or Paper Media Filter, Residential		11.26
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23 41 13 00-0003 Disposable Fiberglass Air Filters (23 41 13)

23 41 13 00-0004	EA		8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5	11.33	5.18
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0005	EA		8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5	11.33	5.18
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0006	EA		8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5	11.11	5.18
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0007	EA		10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5	11.06	5.42
			Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0008	EA		10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5	11.06	5.42
			Note: One-piece kraft fiberboard frame with two metal grids.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 40 HVAC Air Cleaning Devices

23 41 Particulate Air Filtration

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 41 13 00-0009	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.06	5.42
23 41 13 00-0010	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.06	5.42
23 41 13 00-0011	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.24	5.42
23 41 13 00-0012	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.67	5.66
23 41 13 00-0013	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.65	5.66
23 41 13 00-0014	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.14	5.66
23 41 13 00-0015	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.14	5.66
23 41 13 00-0016	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.14	5.66
23 41 13 00-0017	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.15	5.66
23 41 13 00-0018	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.45	5.66
23 41 13 00-0019	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.55	5.98
23 41 13 00-0020	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.48	5.98
23 41 13 00-0021	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.81	5.98
23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.55	5.98
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.81	5.98
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.25	5.98
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.96	6.14
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.96	6.14
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.32	6.14
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.09	6.23
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.34	6.23
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.13	6.23
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.87	6.23
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.65	6.23
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.44	6.23
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.23	6.23
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.01	6.23
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.19	6.47
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.90	6.47
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.19	6.47
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.17	6.47
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.58	6.47
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.21	6.47
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.66	6.79
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.40	6.79
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.95	6.79
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.35	6.79
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.56	6.79
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.99	6.79
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.19	6.79
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.70	6.88
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.06	6.96
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.16	7.04
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.65	7.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0053	EA		24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.67	7.04
23 41 13 00-0054	EA		25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.27	7.12
23 41 13 00-0055	EA		25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	21.08	7.12
23 41 13 00-0056	EA		10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	12.58	5.42
23 41 13 00-0057	EA		10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	11.75	5.42
23 41 13 00-0058	EA		12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	13.62	5.66
23 41 13 00-0059	EA		14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.05	5.98
23 41 13 00-0060	EA		14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.05	5.98
23 41 13 00-0061	EA		15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.35	6.14
23 41 13 00-0062	EA		16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.27	6.23
23 41 13 00-0063	EA		16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.14	6.23
23 41 13 00-0064	EA		16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	14.46	6.23
23 41 13 00-0065	EA		18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.31	6.47
23 41 13 00-0066	EA		20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.84	6.79
23 41 13 00-0067	EA		20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.62	6.79
23 41 13 00-0068	EA		20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.62	6.79
23 41 13 00-0069	EA		24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	16.17	7.04
23 41 13 00-0070	EA		25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	16.28	7.12
23 41 13 00-0071 Disposable Pleated Air Filters ^(23 41 13)					
23 41 13 00-0072	EA		10" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	11.91	5.42
23 41 13 00-0073	EA		10" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	17.43	5.42
23 41 13 00-0074	EA		10" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	21.79	5.42
23 41 13 00-0075	EA		12" x 12" x 1" Disposable Pleated Air Filter, MERV 8.....	15.20	5.66
23 41 13 00-0076	EA		12" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	14.18	5.66
23 41 13 00-0077	EA		12" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	14.02	5.66
23 41 13 00-0078	EA		12" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	14.02	5.66
23 41 13 00-0079	EA		12" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	22.11	5.66
23 41 13 00-0080	EA		14" x 14" x 1" Disposable Pleated Air Filter, MERV 8.....	17.16	5.98
23 41 13 00-0081	EA		14" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	14.61	5.98
23 41 13 00-0082	EA		14" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	18.47	5.98
23 41 13 00-0083	EA		14" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	15.08	5.98
23 41 13 00-0084	EA		14" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	21.37	5.98
23 41 13 00-0085	EA		15" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	14.91	6.14
23 41 13 00-0086	EA		16" x 16" x 1" Disposable Pleated Air Filter, MERV 8.....	17.48	6.23
23 41 13 00-0087	EA		16" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	14.71	6.23
23 41 13 00-0088	EA		16" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	17.05	6.23
23 41 13 00-0089	EA		16" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	15.24	6.23
23 41 13 00-0090	EA		16" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	21.69	6.23
23 41 13 00-0091	EA		18" x 18" x 1" Disposable Pleated Air Filter, MERV 8.....	23.18	6.47
23 41 13 00-0092	EA		18" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	17.33	6.47
23 41 13 00-0093	EA		18" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	17.04	6.47
23 41 13 00-0094	EA		18" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	16.84	6.47
23 41 13 00-0095	EA		18" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	23.32	6.47
23 41 13 00-0096	EA		20" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	16.08	6.79
23 41 13 00-0097	EA		20" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	17.14	6.79
23 41 13 00-0098	EA		20" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	16.96	6.79
23 41 13 00-0099	EA		20" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	19.08	6.79
23 41 13 00-0100	EA		22" x 22" x 1" Disposable Pleated Air Filter, MERV 8.....	23.06	6.96
23 41 13 00-0101	EA		24" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	18.23	7.04
23 41 13 00-0102	EA		24" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	28.25	7.04
23 41 13 00-0103	EA		25" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	19.26	7.12
23 41 13 00-0104	EA		10" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	13.96	5.42
23 41 13 00-0105	EA		12" x 12" x 2" Disposable Pleated Air Filter, MERV 8.....	18.07	5.66
23 41 13 00-0106	EA		12" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	14.63	5.66
23 41 13 00-0107	EA		12" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	14.41	5.66
23 41 13 00-0108	EA		14" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	15.24	5.98
23 41 13 00-0109	EA		14" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	15.88	5.98
23 41 13 00-0110	EA		15" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	15.45	6.14
23 41 13 00-0111	EA		16" x 16" x 2" Disposable Pleated Air Filter, MERV 8.....	19.27	6.23
23 41 13 00-0112	EA		16" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	15.16	6.23
23 41 13 00-0113	EA		16" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	17.21	6.23
23 41 13 00-0114	EA		16" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	15.99	6.23
23 41 13 00-0115	EA		18" x 18" x 2" Disposable Pleated Air Filter, MERV 8.....	22.17	6.47
23 41 13 00-0116	EA		18" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	19.01	6.47
23 41 13 00-0117	EA		18" x 24" x 2" Disposable Pleated Air Filter, MERV 8.....	17.33	6.47
23 41 13 00-0118	EA		18" x 25" x 2" Disposable Pleated Air Filter, MERV 8.....	17.98	6.47
23 41 13 00-0119	EA		20" x 20" x 2" Disposable Pleated Air Filter, MERV 8.....	16.91	6.79



Heating, Ventilating, And Air-Conditioning (HVAC) 23

HVAC Air Cleaning Devices 23 40

Particulate Air Filtration 23 41

23

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41	13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.75	5.66
23 41	13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.82	5.66
23 41	13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.11	5.98
23 41	13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.18	5.98
23 41	13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.11	5.98
23 41	13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.11	5.98
23 41	13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.11	5.98
23 41	13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.18	5.98
23 41	13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.32	6.14
23 41	13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.39	6.14
23 41	13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.39	6.14
23 41	13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41	13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.50	6.23
23 41	13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41	13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41	13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41	13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.50	6.23
23 41	13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.50	6.23
23 41	13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.98	6.23
23 41	13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.75	6.47
23 41	13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.89	6.47
23 41	13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.75	6.47
23 41	13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.89	6.47
23 41	13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.89	6.47
23 41	13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.30	6.47
23 41	13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.33	6.79
23 41	13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.79
23 41	13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.79
23 41	13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.79
23 41	13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.26	6.79
23 41	13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.74	6.79
23 41	13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.74	6.79
23 41	13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.44	6.88
23 41	13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.48	6.96
23 41	13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.72	7.04
23 41	13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.72	7.04
23 41	13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.20	7.04
23 41	13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.83	7.12
23 41	13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.31	7.12
23 41	13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.52	7.28
23 41	13 00-0245		Carbon Vapor Trap, Disposable V-Bank Filter (23 41 13)		
23 41	13 00-0246	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	553.45	16.17
23 41	13 00-0247		Electrostatic Air Filters With Frame, Element And Busbar (23 41 13)		
23 41	13 00-0248	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	55.72	
23 41	13 00-0249	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	53.81	
23 41	13 00-0250	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.32	
23 41	16		Renewable-Media Air Filters (23 41)		
23 41	16 00-0001		Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar (23 41 16)		
23 41	16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	95.88	
23 41	19		Washable Air Filters (23 41)		
23 41	19 00-0001		Washable Electrostatic Air Filters With Frame, Element And Busbar (23 41 19)		
23 41	19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	36.61	
23 41	33		High-Efficiency Particulate Filtration (23 41)		
23 41	33 00-0001		High Efficiency Particulate Air (HEPA) Filters (23 41 33)		
Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.					
23 41	33 00-0002		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% (23 41 33 00-0001)		
23 41	33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	102.80	15.10
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.02	
			<i>For >10 To 25, Deduct</i>	-2.57	
			<i>For >25 To 50, Deduct</i>	-5.14	
			<i>For >50 To 100, Deduct</i>	-7.71	
			<i>For >100, Deduct</i>	-10.28	
23 41	33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	135.86	17.25
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.45	
			<i>For >10 To 25, Deduct</i>	-3.40	
			<i>For >25 To 50, Deduct</i>	-6.79	
			<i>For >50 To 100, Deduct</i>	-10.19	
			<i>For >100, Deduct</i>	-13.59	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 40 HVAC Air Cleaning Devices

23 41 Particulate Air Filtration



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 41 33 00-0005	EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete.....	158.93	19.95
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.99	
	<i>For >10 To 25, Deduct</i>	-3.97	
	<i>For >25 To 50, Deduct</i>	-7.95	
	<i>For >50 To 100, Deduct</i>	-11.92	
	<i>For >100, Deduct</i>	-15.89	
23 41 33 00-0006	EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete.....	182.04	22.65
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.53	
	<i>For >10 To 25, Deduct</i>	-4.55	
	<i>For >25 To 50, Deduct</i>	-9.10	
	<i>For >50 To 100, Deduct</i>	-13.65	
	<i>For >100, Deduct</i>	-18.20	
23 41 33 00-0007	EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete.....	124.60	16.17
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.23	
	<i>For >10 To 25, Deduct</i>	-3.12	
	<i>For >25 To 50, Deduct</i>	-6.23	
	<i>For >50 To 100, Deduct</i>	-9.35	
	<i>For >100, Deduct</i>	-12.46	
23 41 33 00-0008	EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete.....	166.50	18.87
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.77	
	<i>For >10 To 25, Deduct</i>	-4.16	
	<i>For >25 To 50, Deduct</i>	-8.33	
	<i>For >50 To 100, Deduct</i>	-12.49	
	<i>For >100, Deduct</i>	-16.65	
23 41 33 00-0009	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete.....	198.73	21.57
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.31	
	<i>For >10 To 25, Deduct</i>	-4.97	
	<i>For >25 To 50, Deduct</i>	-9.94	
	<i>For >50 To 100, Deduct</i>	-14.90	
	<i>For >100, Deduct</i>	-19.87	
23 41 33 00-0010	EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete.....	236.34	26.96
	<i>For Removal And Replacement In Existing Equipment, Add</i>	5.39	
	<i>For >10 To 25, Deduct</i>	-5.91	
	<i>For >25 To 50, Deduct</i>	-11.82	
	<i>For >50 To 100, Deduct</i>	-17.73	
	<i>For >100, Deduct</i>	-23.63	
23 41 33 00-0011	High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% <small>(23 41 33 00-0001)</small>		
23 41 33 00-0012	EA 12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	88.24	13.48
	<i>For Removal And Replacement In Existing Equipment, Add</i>	2.70	
	<i>For >10 To 25, Deduct</i>	-2.21	
	<i>For >25 To 50, Deduct</i>	-4.41	
	<i>For >50 To 100, Deduct</i>	-6.62	
	<i>For >100, Deduct</i>	-8.82	
23 41 33 00-0013	EA 24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	121.38	16.17
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.23	
	<i>For >10 To 25, Deduct</i>	-3.03	
	<i>For >25 To 50, Deduct</i>	-6.07	
	<i>For >50 To 100, Deduct</i>	-9.10	
	<i>For >100, Deduct</i>	-12.14	
23 41 33 00-0014	EA 24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	184.05	18.87
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.77	
	<i>For >10 To 25, Deduct</i>	-4.60	
	<i>For >25 To 50, Deduct</i>	-9.20	
	<i>For >50 To 100, Deduct</i>	-13.80	
	<i>For >100, Deduct</i>	-18.41	
23 41 33 00-0015	EA 36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	235.84	21.57
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.31	
	<i>For >10 To 25, Deduct</i>	-5.90	
	<i>For >25 To 50, Deduct</i>	-11.79	
	<i>For >50 To 100, Deduct</i>	-17.69	
	<i>For >100, Deduct</i>	-23.58	
23 41 33 00-0016	EA 8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	82.79	10.78
	<i>For Removal And Replacement In Existing Equipment, Add</i>	2.16	
	<i>For >10 To 25, Deduct</i>	-2.07	
	<i>For >25 To 50, Deduct</i>	-4.14	
	<i>For >50 To 100, Deduct</i>	-6.21	
	<i>For >100, Deduct</i>	-8.28	
23 41 33 00-0017	EA 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete.....	109.79	14.55
	<i>For Removal And Replacement In Existing Equipment, Add</i>	2.91	
	<i>For >10 To 25, Deduct</i>	-2.74	
	<i>For >25 To 50, Deduct</i>	-5.49	
	<i>For >50 To 100, Deduct</i>	-8.23	
	<i>For >100, Deduct</i>	-10.98	
23 41 33 00-0018	EA 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete.....	147.13	17.25
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.45	
	<i>For >10 To 25, Deduct</i>	-3.68	
	<i>For >25 To 50, Deduct</i>	-7.36	
	<i>For >50 To 100, Deduct</i>	-11.03	
	<i>For >100, Deduct</i>	-14.71	
23 41 33 00-0019	EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete.....	172.71	20.21
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.04	
	<i>For >10 To 25, Deduct</i>	-4.32	
	<i>For >25 To 50, Deduct</i>	-8.64	
	<i>For >50 To 100, Deduct</i>	-12.95	
	<i>For >100, Deduct</i>	-17.27	

23 41 33 00-0020	EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	197.23	22.65
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.53	
	<i>For >10 To 25, Deduct</i>	-4.93	
	<i>For >25 To 50, Deduct</i>	-9.86	
	<i>For >50 To 100, Deduct</i>	-14.79	
	<i>For >100, Deduct</i>	-19.72	
23 41 33 00-0021	EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	134.84	16.17
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.23	
	<i>For >10 To 25, Deduct</i>	-3.37	
	<i>For >25 To 50, Deduct</i>	-6.74	
	<i>For >50 To 100, Deduct</i>	-10.11	
	<i>For >100, Deduct</i>	-13.48	
23 41 33 00-0022	EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	180.81	18.87
	<i>For Removal And Replacement In Existing Equipment, Add</i>	3.77	
	<i>For >10 To 25, Deduct</i>	-4.52	
	<i>For >25 To 50, Deduct</i>	-9.04	
	<i>For >50 To 100, Deduct</i>	-13.56	
	<i>For >100, Deduct</i>	-18.08	
23 41 33 00-0023	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	216.02	21.57
	<i>For Removal And Replacement In Existing Equipment, Add</i>	4.31	
	<i>For >10 To 25, Deduct</i>	-5.40	
	<i>For >25 To 50, Deduct</i>	-10.80	
	<i>For >50 To 100, Deduct</i>	-16.20	
	<i>For >100, Deduct</i>	-21.60	
23 41 33 00-0024	EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	266.25	26.96
	<i>For Removal And Replacement In Existing Equipment, Add</i>	5.39	
	<i>For >10 To 25, Deduct</i>	-6.66	
	<i>For >25 To 50, Deduct</i>	-13.31	
	<i>For >50 To 100, Deduct</i>	-19.97	
	<i>For >100, Deduct</i>	-26.63	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal (23 41 33)

Note: Nominal sizes.

23 41 33 00-0026	EA 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	263.89	80.43
23 41 33 00-0027	EA 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	495.10	159.87
23 41 33 00-0028	EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	502.10	159.87
23 41 33 00-0029	EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	506.77	159.87
23 41 33 00-0030	EA 24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	539.44	159.87
23 41 33 00-0031	EA 24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	580.28	159.87
23 41 33 00-0032	EA 48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	962.20	320.73
23 41 33 00-0033	EA 48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,061.38	320.73
23 41 33 00-0034	EA 48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,187.39	320.73
23 41 33 00-0035	EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	283.73	80.43
23 41 33 00-0036	EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	528.94	159.87
23 41 33 00-0037	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	537.11	159.87
23 41 33 00-0038	EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	542.94	159.87
23 41 33 00-0039	EA 24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	581.45	159.87
23 41 33 00-0040	EA 24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	632.79	159.87
23 41 33 00-0041	EA 48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,043.88	320.73
23 41 33 00-0042	EA 48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,167.56	320.73
23 41 33 00-0043	EA 48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,323.91	320.73

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency (23 41 33)

23 41 33 00-0045	EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	243.32	104.26
23 41 33 00-0046	EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	275.97	104.26

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency (23 41 33)

23 41 33 00-0048	EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	239.57	104.26
23 41 33 00-0049	EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	263.66	104.26

23 42 Gas-Phase Air Filtration (23 40)

23 42 13 Activated-Carbon Air Filtration (23 42)

23 42 13 00-0001	EA 12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.05	8.09
23 42 13 00-0002	EA 16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.46	8.09
23 42 13 00-0003	EA 16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.70	8.09
23 42 13 00-0004	EA 20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.70	8.09
23 42 13 00-0005	EA 20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	40.76	8.09
23 42 13 00-0006	EA 24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.80	8.09
23 42 13 00-0007	EA 12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.63	9.17
23 42 13 00-0008	EA 16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.98	9.17
23 42 13 00-0009	EA 16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	47.27	9.17
23 42 13 00-0010	EA 20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	47.27	9.17
23 42 13 00-0011	EA 20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	50.65	9.17
23 42 13 00-0012	EA 24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.08	9.17
23 42 13 00-0013	EA 16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	23.05	8.09
23 42 13 00-0014	EA 16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	24.50	8.09
23 42 13 00-0015	EA 20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	24.56	8.09
23 42 13 00-0016	EA 20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	26.46	8.09
23 42 13 00-0017	EA 24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	28.15	8.09
23 42 13 00-0018	EA 16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	26.66	9.17

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 40 HVAC Air Cleaning Devices

23 42 Gas-Phase Air Filtration



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST

23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	29.20		9.17
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	29.73		9.17
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	32.88		9.17
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	34.88		9.17
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	56.67		9.70

23 50 Central Heating Equipment ⁽²³⁾

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, And Stacks ^(23 50)

23 51 13 Draft Control Devices ^(23 51)

23 51 13 13 Draft-Induction Fans ^(23 51 13)

23 51 13 13-0001 Vertical Discharge Fans ^(23 51 13 13)

Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	2,090.81		218.45
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	2,363.98		238.32
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	2,822.19		263.13
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,662.30		305.34

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	2,497.02		238.32
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	3,026.59		263.13
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	3,907.29		307.83
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,614.12		345.06

23 51 13 13-0012 Accessories For Vertical Discharge Fans ^(23 51 13 13-0001)

23 51 13 13-0013	EA	Modulating Fan Controller And Sensor.....	324.06		74.48
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23 51 13 16 Vent Dampers ^(23 51 13)

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade ^(23 51 13 16)

23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper.....	376.95		44.09
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper.....	409.02		46.77
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper.....	446.13		49.65
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper.....	476.39		52.95
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper.....	517.13		56.72
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper.....	551.59		61.07
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper.....	606.27		66.21
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper.....	664.38		72.20
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper.....	729.73		75.71
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper.....	778.73		79.44
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper.....	841.56		83.41
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper.....	1,087.34		132.07
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper.....	1,179.89		140.26
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper.....	1,270.20		148.94
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper.....	1,298.51		153.91
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper.....	1,339.72		158.88
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper.....	1,392.25		168.81
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper.....	1,446.33		173.65
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper.....	1,515.67		183.59
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper.....	1,605.31		198.59
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper.....	1,677.60		205.41
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper.....	1,735.59		208.53
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper.....	1,819.97		218.45
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper.....	1,904.69		228.38
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper.....	1,989.56		238.32
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper.....	2,074.19		248.24

23 51 13 19 Barometric Dampers ^(23 51 13)

23 51 13 19-0001 Barometric Dampers ^(23 51 13 19)

23 51 13 19-0002	EA	6" x 6" Barometric Damper.....	140.40		8.61
23 51 13 19-0003	EA	12" x 12" Barometric Damper.....	200.96		11.83
23 51 13 19-0004	EA	18" x 18" Barometric Damper.....	277.43		18.29
23 51 13 19-0005	EA	24" x 24" Barometric Damper.....	368.91		34.42
23 51 13 19-0006	EA	6" Diameter Barometric Damper.....	80.90		8.61
		<i>For Stainless Steel, Add</i>	61.76		
23 51 13 19-0007	EA	7" Diameter Barometric Damper.....	95.17		9.68
		<i>For Stainless Steel, Add</i>	73.37		
23 51 13 19-0008	EA	8" Diameter Barometric Damper.....	110.49		10.76
		<i>For Stainless Steel, Add</i>	85.10		
23 51 13 19-0009	EA	9" Diameter Barometric Damper.....	130.25		10.76
		<i>For Stainless Steel, Add</i>	107.80		
23 51 13 19-0010	EA	10" Diameter Barometric Damper.....	162.62		12.91
		<i>For Stainless Steel, Add</i>	146.86		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 19-0011	EA		12" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	201.02 189.41	13.98
23 51 13 19-0012	EA		14" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	246.33 241.57	15.06
23 51 13 19-0013	EA		15" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	290.12 290.34	16.14
23 51 13 19-0014	EA		16" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	332.50 339.01	18.29
23 51 13 19-0015	EA		18" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	425.87 452.93	19.36
23 51 13 19-0016	EA		20" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	501.24 542.15	21.51
23 51 13 19-0017	EA		24" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	594.80 658.81	21.51
23 51 13 19-0018	EA		30" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	725.03 816.66	24.74
23 51 13 19-0019	EA		36" Diameter Barometric Damper <i>For Stainless Steel, Add</i>	909.60 1,049.98	25.82
23 51 16 Fabricated Breechings And Accessories (23 51)					
23 51 16 00-0001			Round Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
23 51 16 00-0002			Round Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0001)		
23 51 16 00-0003	LF		3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	26.37	8.84
			<i>For Aluminum Liner, Add</i>	0.24	
			<i>For 304 Stainless Steel Liner, Add</i>	0.32	
			<i>For 2" Wall Instead Of 1", Add</i>	3.50	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	6.36	
23 51 16 00-0004	LF		4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	28.08	9.33
			<i>For Aluminum Liner, Add</i>	0.29	
			<i>For 304 Stainless Steel Liner, Add</i>	0.40	
			<i>For 2" Wall Instead Of 1", Add</i>	3.87	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	6.94	
23 51 16 00-0005	LF		5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	30.86	9.93
			<i>For Aluminum Liner, Add</i>	0.35	
			<i>For 304 Stainless Steel Liner, Add</i>	0.47	
			<i>For 2" Wall Instead Of 1", Add</i>	4.34	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.74	
23 51 16 00-0006	LF		6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	33.49	10.63
			<i>For Aluminum Liner, Add</i>	0.40	
			<i>For 304 Stainless Steel Liner, Add</i>	0.55	
			<i>For 2" Wall Instead Of 1", Add</i>	4.81	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.52	
23 51 16 00-0007	LF		7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	38.53	11.32
			<i>For Aluminum Liner, Add</i>	0.59	
			<i>For 304 Stainless Steel Liner, Add</i>	0.81	
			<i>For 2" Wall Instead Of 1", Add</i>	6.01	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.40	
23 51 16 00-0008	LF		8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	42.80	12.22
			<i>For Aluminum Liner, Add</i>	0.66	
			<i>For 304 Stainless Steel Liner, Add</i>	0.90	
			<i>For 2" Wall Instead Of 1", Add</i>	6.67	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	11.55	
23 51 16 00-0009	LF		10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	58.63	13.10
			<i>For Aluminum Liner, Add</i>	1.39	
			<i>For 304 Stainless Steel Liner, Add</i>	1.90	
			<i>For 2" Wall Instead Of 1", Add</i>	10.92	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	18.05	
23 51 16 00-0010	LF		12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	70.08	14.50
			<i>For Aluminum Liner, Add</i>	1.87	
			<i>For 304 Stainless Steel Liner, Add</i>	2.55	
			<i>For 2" Wall Instead Of 1", Add</i>	13.80	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	22.50	
23 51 16 00-0011	LF		14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	94.82	15.09
			<i>For Aluminum Liner, Add</i>	3.13	
			<i>For 304 Stainless Steel Liner, Add</i>	4.27	
			<i>For 2" Wall Instead Of 1", Add</i>	20.88	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	33.21	
23 51 16 00-0012	LF		16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	116.38	15.89
			<i>For Aluminum Liner, Add</i>	4.23	
			<i>For 304 Stainless Steel Liner, Add</i>	5.76	
			<i>For 2" Wall Instead Of 1", Add</i>	27.01	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	42.49	
23 51 16 00-0013	LF		18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	141.39	16.68
			<i>For Aluminum Liner, Add</i>	5.46	
			<i>For 304 Stainless Steel Liner, Add</i>	7.44	
			<i>For 2" Wall Instead Of 1", Add</i>	33.99	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	53.09	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0014	LF 20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	183.24 6.48 8.84 41.89 66.10	26.51
23 51 16 00-0015	LF 22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	219.22 8.17 11.14 51.63 80.98	28.00
23 51 16 00-0016	LF 24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	258.20 10.07 13.73 62.45 97.42	29.79
23 51 16 00-0017	LF 26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	297.12 12.11 16.52 73.76 114.49	30.78
23 51 16 00-0018	LF 28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	311.20 12.75 17.38 77.48 120.19	31.78
23 51 16 00-0019	LF 30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	330.90 13.52 18.44 82.27 127.65	34.06
23 51 16 00-0020	LF 32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	372.48 15.64 21.32 94.11 145.57	35.35
23 51 16 00-0021	LF 34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	415.56 17.82 24.30 106.35 164.11	36.65
23 51 16 00-0022	LF 36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	437.14 18.81 25.64 112.10 172.91	38.13
23 51 16 00-0023	LF 38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	473.12 20.57 28.05 122.10 188.11	39.72
23 51 16 00-0024	LF 40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	519.76 22.89 31.22 135.22 208.00	41.41
23 51 16 00-0025	LF 42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	543.77 23.95 32.66 141.46 217.61	43.29
23 51 16 00-0026	LF 44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	600.14 26.76 36.50 157.34 241.69	45.37
23 51 16 00-0027	LF 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	650.63 29.23 39.86 171.35 262.99	47.67
23 51 16 00-0028	LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	714.26 32.40 44.18 189.24 290.12	50.14
23 51 16 00-0029	90 Degree Elbows <small>(23 51 16 00-0001)</small>		
23 51 16 00-0030	EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe..... For Aluminum Liner, Add For 304 Stainless Steel Liner, Add For 2" Wall Instead Of 1", Add For 3" To 4" Wall Instead Of 1", Add	63.63 1.09 1.49 10.33 17.69	17.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	69.98	18.66
			For Aluminum Liner, Add	1.29	
			For 304 Stainless Steel Liner, Add	1.76	
			For 2" Wall Instead Of 1", Add	11.68	
			For 3" To 4" Wall Instead Of 1", Add	19.85	
23 51	16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	77.38	19.86
			For Aluminum Liner, Add	1.54	
			For 304 Stainless Steel Liner, Add	2.10	
			For 2" Wall Instead Of 1", Add	13.33	
			For 3" To 4" Wall Instead Of 1", Add	22.47	
23 51	16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	85.01	21.15
			For Aluminum Liner, Add	1.79	
			For 304 Stainless Steel Liner, Add	2.44	
			For 2" Wall Instead Of 1", Add	15.00	
			For 3" To 4" Wall Instead Of 1", Add	25.12	
23 51	16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	99.74	22.64
			For Aluminum Liner, Add	2.39	
			For 304 Stainless Steel Liner, Add	3.26	
			For 2" Wall Instead Of 1", Add	18.67	
			For 3" To 4" Wall Instead Of 1", Add	30.81	
23 51	16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	115.50	24.43
			For Aluminum Liner, Add	2.99	
			For 304 Stainless Steel Liner, Add	4.08	
			For 2" Wall Instead Of 1", Add	22.44	
			For 3" To 4" Wall Instead Of 1", Add	36.71	
23 51	16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	191.57	26.51
			For Aluminum Liner, Add	6.88	
			For 304 Stainless Steel Liner, Add	9.39	
			For 2" Wall Instead Of 1", Add	44.19	
			For 3" To 4" Wall Instead Of 1", Add	69.61	
23 51	16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	230.02	28.89
			For Aluminum Liner, Add	8.68	
			For 304 Stainless Steel Liner, Add	11.84	
			For 2" Wall Instead Of 1", Add	54.57	
			For 3" To 4" Wall Instead Of 1", Add	85.46	
23 51	16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	293.91	30.29
			For Aluminum Liner, Add	12.00	
			For 304 Stainless Steel Liner, Add	16.37	
			For 2" Wall Instead Of 1", Add	73.04	
			For 3" To 4" Wall Instead Of 1", Add	113.34	
23 51	16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	357.94	31.78
			For Aluminum Liner, Add	15.33	
			For 304 Stainless Steel Liner, Add	20.90	
			For 2" Wall Instead Of 1", Add	91.53	
			For 3" To 4" Wall Instead Of 1", Add	141.25	
23 51	16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	458.15	33.47
			For Aluminum Liner, Add	20.59	
			For 304 Stainless Steel Liner, Add	28.08	
			For 2" Wall Instead Of 1", Add	120.71	
			For 3" To 4" Wall Instead Of 1", Add	185.24	
23 51	16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	649.52	52.93
			For Aluminum Liner, Add	28.44	
			For 304 Stainless Steel Liner, Add	38.78	
			For 2" Wall Instead Of 1", Add	168.36	
			For 3" To 4" Wall Instead Of 1", Add	259.17	
23 51	16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	847.80	56.10
			For Aluminum Liner, Add	38.91	
			For 304 Stainless Steel Liner, Add	53.07	
			For 2" Wall Instead Of 1", Add	226.29	
			For 3" To 4" Wall Instead Of 1", Add	346.45	
23 51	16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	954.60	59.57
			For Aluminum Liner, Add	44.30	
			For 304 Stainless Steel Liner, Add	60.41	
			For 2" Wall Instead Of 1", Add	256.56	
			For 3" To 4" Wall Instead Of 1", Add	392.30	
23 51	16 00-0044		45 Degree Elbows (23 51 16 00-0001)		
23 51	16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	55.52	17.68
			For Aluminum Liner, Add	0.63	
			For 304 Stainless Steel Liner, Add	0.86	
			For 2" Wall Instead Of 1", Add	7.84	
			For 3" To 4" Wall Instead Of 1", Add	13.96	
23 51	16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	60.24	18.66
			For Aluminum Liner, Add	0.74	
			For 304 Stainless Steel Liner, Add	1.01	
			For 2" Wall Instead Of 1", Add	8.72	
			For 3" To 4" Wall Instead Of 1", Add	15.42	
23 51	16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	65.51	19.86
			For Aluminum Liner, Add	0.87	
			For 304 Stainless Steel Liner, Add	1.19	
			For 2" Wall Instead Of 1", Add	9.72	
			For 3" To 4" Wall Instead Of 1", Add	17.06	
23 51	16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	71.93	21.15
			For Aluminum Liner, Add	1.04	
			For 304 Stainless Steel Liner, Add	1.42	
			For 2" Wall Instead Of 1", Add	10.99	
			For 3" To 4" Wall Instead Of 1", Add	19.13	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0049	EA 7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	83.93	22.64
	For Aluminum Liner, Add	1.50	
	For 304 Stainless Steel Liner, Add	2.04	
	For 2" Wall Instead Of 1", Add	13.84	
	For 3" To 4" Wall Instead Of 1", Add	23.59	
23 51 16 00-0050	EA 8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	92.36	24.43
	For Aluminum Liner, Add	1.72	
	For 304 Stainless Steel Liner, Add	2.35	
	For 2" Wall Instead Of 1", Add	15.49	
	For 3" To 4" Wall Instead Of 1", Add	26.29	
23 51 16 00-0051	EA 10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	144.46	26.51
	For Aluminum Liner, Add	4.30	
	For 304 Stainless Steel Liner, Add	5.87	
	For 2" Wall Instead Of 1", Add	30.09	
	For 3" To 4" Wall Instead Of 1", Add	48.45	
23 51 16 00-0052	EA 12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	170.85	28.89
	For Aluminum Liner, Add	5.43	
	For 304 Stainless Steel Liner, Add	7.40	
	For 2" Wall Instead Of 1", Add	36.82	
	For 3" To 4" Wall Instead Of 1", Add	58.83	
23 51 16 00-0053	EA 14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	214.47	30.29
	For Aluminum Liner, Add	7.63	
	For 304 Stainless Steel Liner, Add	10.41	
	For 2" Wall Instead Of 1", Add	49.21	
	For 3" To 4" Wall Instead Of 1", Add	77.59	
23 51 16 00-0054	EA 16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	253.57	31.78
	For Aluminum Liner, Add	9.58	
	For 304 Stainless Steel Liner, Add	13.06	
	For 2" Wall Instead Of 1", Add	60.19	
	For 3" To 4" Wall Instead Of 1", Add	94.25	
23 51 16 00-0055	EA 18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	317.64	33.47
	For Aluminum Liner, Add	12.87	
	For 304 Stainless Steel Liner, Add	17.55	
	For 2" Wall Instead Of 1", Add	78.57	
	For 3" To 4" Wall Instead Of 1", Add	122.04	
23 51 16 00-0056	EA 20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	396.01	52.83
	For Aluminum Liner, Add	14.52	
	For 304 Stainless Steel Liner, Add	19.80	
	For 2" Wall Instead Of 1", Add	92.40	
	For 3" To 4" Wall Instead Of 1", Add	145.19	
23 51 16 00-0057	EA 22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	537.57	56.10
	For Aluminum Liner, Add	21.85	
	For 304 Stainless Steel Liner, Add	29.80	
	For 2" Wall Instead Of 1", Add	133.22	
	For 3" To 4" Wall Instead Of 1", Add	206.84	
23 51 16 00-0058	EA 24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	652.29	59.57
	For Aluminum Liner, Add	27.69	
	For 304 Stainless Steel Liner, Add	37.76	
	For 2" Wall Instead Of 1", Add	165.92	
	For 3" To 4" Wall Instead Of 1", Add	256.32	
23 51 16 00-0059	EA 26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,147.08	61.56
	For Aluminum Liner, Add	54.63	
	For 304 Stainless Steel Liner, Add	74.50	
	For 2" Wall Instead Of 1", Add	313.36	
	For 3" To 4" Wall Instead Of 1", Add	477.73	
23 51 16 00-0060	EA 28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,179.26	63.55
	For Aluminum Liner, Add	56.13	
	For 304 Stainless Steel Liner, Add	76.54	
	For 2" Wall Instead Of 1", Add	322.02	
	For 3" To 4" Wall Instead Of 1", Add	490.97	
23 51 16 00-0061	EA 30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,243.62	67.52
	For Aluminum Liner, Add	59.12	
	For 304 Stainless Steel Liner, Add	80.62	
	For 2" Wall Instead Of 1", Add	339.34	
	For 3" To 4" Wall Instead Of 1", Add	517.45	
23 51 16 00-0062	EA 32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,384.63	69.51
	For Aluminum Liner, Add	66.60	
	For 304 Stainless Steel Liner, Add	90.82	
	For 2" Wall Instead Of 1", Add	380.66	
	For 3" To 4" Wall Instead Of 1", Add	579.67	
23 51 16 00-0063	EA 34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,510.22	73.48
	For Aluminum Liner, Add	72.96	
	For 304 Stainless Steel Liner, Add	99.50	
	For 2" Wall Instead Of 1", Add	416.35	
	For 3" To 4" Wall Instead Of 1", Add	633.70	
23 51 16 00-0064	EA 36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,559.12	79.44
	For Aluminum Liner, Add	74.84	
	For 304 Stainless Steel Liner, Add	102.05	
	For 2" Wall Instead Of 1", Add	428.04	
	For 3" To 4" Wall Instead Of 1", Add	651.99	
23 51 16 00-0065	EA 38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,668.11	82.22
	For Aluminum Liner, Add	80.45	
	For 304 Stainless Steel Liner, Add	109.70	
	For 2" Wall Instead Of 1", Add	459.35	
	For 3" To 4" Wall Instead Of 1", Add	699.30	
23 51 16 00-0066	EA 40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,773.14	83.41
	For Aluminum Liner, Add	86.06	
	For 304 Stainless Steel Liner, Add	117.36	
	For 2" Wall Instead Of 1", Add	490.26	
	For 3" To 4" Wall Instead Of 1", Add	745.81	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,851.09	87.38
		For Aluminum Liner, Add	89.80	
		For 304 Stainless Steel Liner, Add	122.46	
		For 2" Wall Instead Of 1", Add	511.67	
		For 3" To 4" Wall Instead Of 1", Add	778.41	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,963.05	91.35
		For Aluminum Liner, Add	95.42	
		For 304 Stainless Steel Liner, Add	130.11	
		For 2" Wall Instead Of 1", Add	543.27	
		For 3" To 4" Wall Instead Of 1", Add	826.32	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,109.03	95.32
		For Aluminum Liner, Add	102.90	
		For 304 Stainless Steel Liner, Add	140.32	
		For 2" Wall Instead Of 1", Add	585.08	
		For 3" To 4" Wall Instead Of 1", Add	889.53	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,186.99	99.30
		For Aluminum Liner, Add	106.64	
		For 304 Stainless Steel Liner, Add	145.42	
		For 2" Wall Instead Of 1", Add	606.48	
		For 3" To 4" Wall Instead Of 1", Add	922.13	
23 51 16 00-0071		Teels <small>(23 51 16 00-0001)</small>		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	86.81	23.53
		For Aluminum Liner, Add	1.53	
		For 304 Stainless Steel Liner, Add	2.09	
		For 2" Wall Instead Of 1", Add	14.26	
		For 3" To 4" Wall Instead Of 1", Add	24.33	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	90.32	24.43
		For Aluminum Liner, Add	1.61	
		For 304 Stainless Steel Liner, Add	2.19	
		For 2" Wall Instead Of 1", Add	14.88	
		For 3" To 4" Wall Instead Of 1", Add	25.38	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	94.17	25.42
		For Aluminum Liner, Add	1.68	
		For 304 Stainless Steel Liner, Add	2.30	
		For 2" Wall Instead Of 1", Add	15.54	
		For 3" To 4" Wall Instead Of 1", Add	26.49	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	100.25	26.51
		For Aluminum Liner, Add	1.87	
		For 304 Stainless Steel Liner, Add	2.55	
		For 2" Wall Instead Of 1", Add	16.83	
		For 3" To 4" Wall Instead Of 1", Add	28.56	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	116.05	27.60
		For Aluminum Liner, Add	2.58	
		For 304 Stainless Steel Liner, Add	3.52	
		For 2" Wall Instead Of 1", Add	20.99	
		For 3" To 4" Wall Instead Of 1", Add	34.95	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	123.88	28.89
		For Aluminum Liner, Add	2.84	
		For 304 Stainless Steel Liner, Add	3.88	
		For 2" Wall Instead Of 1", Add	22.73	
		For 3" To 4" Wall Instead Of 1", Add	37.70	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	215.81	30.29
		For Aluminum Liner, Add	7.71	
		For 304 Stainless Steel Liner, Add	10.51	
		For 2" Wall Instead Of 1", Add	49.61	
		For 3" To 4" Wall Instead Of 1", Add	78.20	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	248.13	31.78
		For Aluminum Liner, Add	9.28	
		For 304 Stainless Steel Liner, Add	12.65	
		For 2" Wall Instead Of 1", Add	58.56	
		For 3" To 4" Wall Instead Of 1", Add	91.81	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	363.09	35.35
		For Aluminum Liner, Add	15.12	
		For 304 Stainless Steel Liner, Add	20.61	
		For 2" Wall Instead Of 1", Add	91.28	
		For 3" To 4" Wall Instead Of 1", Add	141.33	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	488.41	39.72
		For Aluminum Liner, Add	21.40	
		For 304 Stainless Steel Liner, Add	29.19	
		For 2" Wall Instead Of 1", Add	126.67	
		For 3" To 4" Wall Instead Of 1", Add	194.97	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	603.29	45.37
		For Aluminum Liner, Add	26.94	
		For 304 Stainless Steel Liner, Add	36.74	
		For 2" Wall Instead Of 1", Add	158.30	
		For 3" To 4" Wall Instead Of 1", Add	243.12	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	800.01	56.10
		For Aluminum Liner, Add	36.30	
		For 304 Stainless Steel Liner, Add	49.49	
		For 2" Wall Instead Of 1", Add	211.98	
		For 3" To 4" Wall Instead Of 1", Add	324.98	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,006.40	73.28
		For Aluminum Liner, Add	45.28	
		For 304 Stainless Steel Liner, Add	61.74	
		For 2" Wall Instead Of 1", Add	265.28	
		For 3" To 4" Wall Instead Of 1", Add	407.08	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,152.90	77.45
		For Aluminum Liner, Add	52.76	
		For 304 Stainless Steel Liner, Add	71.94	
		For 2" Wall Instead Of 1", Add	307.14	
		For 3" To 4" Wall Instead Of 1", Add	470.40	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,569.26	83.41
		For Aluminum Liner, Add	74.84	
		For 304 Stainless Steel Liner, Add	102.05	
		For 2" Wall Instead Of 1", Add	429.06	
		For 3" To 4" Wall Instead Of 1", Add	654.01	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,747.34	86.69
		For Aluminum Liner, Add	84.19	
		For 304 Stainless Steel Liner, Add	114.80	
		For 2" Wall Instead Of 1", Add	480.88	
		For 3" To 4" Wall Instead Of 1", Add	732.15	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,895.17	91.35
		For Aluminum Liner, Add	91.67	
		For 304 Stainless Steel Liner, Add	125.01	
		For 2" Wall Instead Of 1", Add	522.88	
		For 3" To 4" Wall Instead Of 1", Add	795.73	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,177.16	95.32
		For Aluminum Liner, Add	106.64	
		For 304 Stainless Steel Liner, Add	145.42	
		For 2" Wall Instead Of 1", Add	605.50	
		For 3" To 4" Wall Instead Of 1", Add	920.16	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,221.18	99.30
		For Aluminum Liner, Add	108.51	
		For 304 Stainless Steel Liner, Add	147.97	
		For 2" Wall Instead Of 1", Add	616.71	
		For 3" To 4" Wall Instead Of 1", Add	937.47	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,578.03	105.95
		For Aluminum Liner, Add	127.22	
		For 304 Stainless Steel Liner, Add	173.48	
		For 2" Wall Instead Of 1", Add	720.42	
		For 3" To 4" Wall Instead Of 1", Add	1,093.88	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,645.13	119.16
		For Aluminum Liner, Add	129.09	
		For 304 Stainless Steel Liner, Add	176.03	
		For 2" Wall Instead Of 1", Add	733.94	
		For 3" To 4" Wall Instead Of 1", Add	1,115.81	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,891.74	136.23
		For Aluminum Liner, Add	140.32	
		For 304 Stainless Steel Liner, Add	191.34	
		For 2" Wall Instead Of 1", Add	799.42	
		For 3" To 4" Wall Instead Of 1", Add	1,216.15	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,186.53	158.88
		For Aluminum Liner, Add	153.41	
		For 304 Stainless Steel Liner, Add	209.20	
		For 2" Wall Instead Of 1", Add	876.52	
		For 3" To 4" Wall Instead Of 1", Add	1,334.64	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,473.92	178.73
		For Aluminum Liner, Add	166.51	
		For 304 Stainless Steel Liner, Add	227.06	
		For 2" Wall Instead Of 1", Add	952.88	
		For 3" To 4" Wall Instead Of 1", Add	1,451.64	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,795.01	184.70
		For Aluminum Liner, Add	183.35	
		For 304 Stainless Steel Liner, Add	250.02	
		For 2" Wall Instead Of 1", Add	1,046.22	
		For 3" To 4" Wall Instead Of 1", Add	1,592.40	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,014.16	190.65
		For Aluminum Liner, Add	194.57	
		For 304 Stainless Steel Liner, Add	265.33	
		For 2" Wall Instead Of 1", Add	1,108.95	
		For 3" To 4" Wall Instead Of 1", Add	1,687.25	
23 51 16 00-0098		Vent Top Caps (23 51 16 00-0001)		
23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	45.08	13.80
		For Aluminum Liner, Add	0.58	
		For 304 Stainless Steel Liner, Add	0.79	
		For 2" Wall Instead Of 1", Add	6.62	
		For 3" To 4" Wall Instead Of 1", Add	11.65	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	47.23	14.50
		For Aluminum Liner, Add	0.61	
		For 304 Stainless Steel Liner, Add	0.83	
		For 2" Wall Instead Of 1", Add	6.94	
		For 3" To 4" Wall Instead Of 1", Add	12.22	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	58.97	15.89
		For Aluminum Liner, Add	1.06	
		For 304 Stainless Steel Liner, Add	1.44	
		For 2" Wall Instead Of 1", Add	9.75	
		For 3" To 4" Wall Instead Of 1", Add	16.61	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	63.34	17.68
		For Aluminum Liner, Add	1.06	
		For 304 Stainless Steel Liner, Add	1.44	
		For 2" Wall Instead Of 1", Add	10.18	
		For 3" To 4" Wall Instead Of 1", Add	17.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0103	EA		10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	75.04	18.66
			For Aluminum Liner, Add	1.56	
			For 304 Stainless Steel Liner, Add	2.13	
			For 2" Wall Instead Of 1", Add	13.18	
			For 3" To 4" Wall Instead Of 1", Add	22.10	
23 51 16 00-0104	EA		12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	87.07	19.86
			For Aluminum Liner, Add	2.06	
			For 304 Stainless Steel Liner, Add	2.81	
			For 2" Wall Instead Of 1", Add	16.19	
			For 3" To 4" Wall Instead Of 1", Add	26.77	
23 51 16 00-0105	EA		16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	188.00	22.64
			For Aluminum Liner, Add	7.22	
			For 304 Stainless Steel Liner, Add	9.85	
			For 2" Wall Instead Of 1", Add	45.06	
			For 3" To 4" Wall Instead Of 1", Add	70.43	
23 51 16 00-0106	EA		18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	340.32	28.40
			For Aluminum Liner, Add	14.82	
			For 304 Stainless Steel Liner, Add	20.21	
			For 2" Wall Instead Of 1", Add	87.91	
			For 3" To 4" Wall Instead Of 1", Add	135.42	
23 51 16 00-0107	EA		20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	615.76	34.06
			For Aluminum Liner, Add	29.19	
			For 304 Stainless Steel Liner, Add	39.80	
			For 2" Wall Instead Of 1", Add	167.71	
			For 3" To 4" Wall Instead Of 1", Add	255.81	
23 51 16 00-0108	EA		24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,017.21	47.67
			For Aluminum Liner, Add	49.39	
			For 304 Stainless Steel Liner, Add	67.35	
			For 2" Wall Instead Of 1", Add	281.33	
			For 3" To 4" Wall Instead Of 1", Add	427.95	
23 51 16 00-0109	EA		26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,486.02	50.14
			For Aluminum Liner, Add	74.84	
			For 304 Stainless Steel Liner, Add	102.05	
			For 2" Wall Instead Of 1", Add	420.73	
			For 3" To 4" Wall Instead Of 1", Add	637.37	
23 51 16 00-0110	EA		28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,663.13	52.93
			For Aluminum Liner, Add	84.19	
			For 304 Stainless Steel Liner, Add	114.80	
			For 2" Wall Instead Of 1", Add	472.46	
			For 3" To 4" Wall Instead Of 1", Add	715.31	
23 51 16 00-0111	EA		30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,875.08	56.10
			For Aluminum Liner, Add	95.42	
			For 304 Stainless Steel Liner, Add	130.11	
			For 2" Wall Instead Of 1", Add	534.47	
			For 3" To 4" Wall Instead Of 1", Add	808.72	
23 51 16 00-0112	EA		32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,985.88	59.57
			For Aluminum Liner, Add	101.03	
			For 304 Stainless Steel Liner, Add	137.77	
			For 2" Wall Instead Of 1", Add	565.96	
			For 3" To 4" Wall Instead Of 1", Add	856.39	
23 51 16 00-0113	EA		34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,097.85	63.55
			For Aluminum Liner, Add	106.64	
			For 304 Stainless Steel Liner, Add	145.42	
			For 2" Wall Instead Of 1", Add	597.57	
			For 3" To 4" Wall Instead Of 1", Add	904.30	
23 51 16 00-0114	EA		36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,245.13	68.12
			For Aluminum Liner, Add	114.12	
			For 304 Stainless Steel Liner, Add	155.62	
			For 2" Wall Instead Of 1", Add	639.51	
			For 3" To 4" Wall Instead Of 1", Add	967.77	
23 51 16 00-0115			Wall Thimbles <small>(23 51 16 00-0001)</small>		
23 51 16 00-0116	EA		3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	19.77	7.45
			For Aluminum Liner, Add	0.07	
			For 304 Stainless Steel Liner, Add	0.09	
			For 2" Wall Instead Of 1", Add	2.22	
			For 3" To 4" Wall Instead Of 1", Add	4.26	
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	25.16	9.53
			For Aluminum Liner, Add	0.07	
			For 304 Stainless Steel Liner, Add	0.09	
			For 2" Wall Instead Of 1", Add	2.76	
			For 3" To 4" Wall Instead Of 1", Add	5.34	
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	33.55	12.81
			For Aluminum Liner, Add	0.08	
			For 304 Stainless Steel Liner, Add	0.11	
			For 2" Wall Instead Of 1", Add	3.66	
			For 3" To 4" Wall Instead Of 1", Add	7.09	
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	41.89	15.89
			For Aluminum Liner, Add	0.12	
			For 304 Stainless Steel Liner, Add	0.16	
			For 2" Wall Instead Of 1", Add	4.62	
			For 3" To 4" Wall Instead Of 1", Add	8.92	
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	59.19	21.45
			For Aluminum Liner, Add	0.31	
			For 304 Stainless Steel Liner, Add	0.42	
			For 2" Wall Instead Of 1", Add	7.03	
			For 3" To 4" Wall Instead Of 1", Add	13.23	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	74.42	26.61
		<i>For Aluminum Liner, Add</i>	0.43	
		<i>For 304 Stainless Steel Liner, Add</i>	0.59	
		<i>For 2" Wall Instead Of 1", Add</i>	9.02	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	16.86	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	92.82	31.78
		<i>For Aluminum Liner, Add</i>	0.74	
		<i>For 304 Stainless Steel Liner, Add</i>	1.00	
		<i>For 2" Wall Instead Of 1", Add</i>	11.96	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	21.91	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	118.27	37.73
		<i>For Aluminum Liner, Add</i>	1.32	
		<i>For 304 Stainless Steel Liner, Add</i>	1.80	
		<i>For 2" Wall Instead Of 1", Add</i>	16.62	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	29.64	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	152.40	41.70
		<i>For Aluminum Liner, Add</i>	2.65	
		<i>For 304 Stainless Steel Liner, Add</i>	3.61	
		<i>For 2" Wall Instead Of 1", Add</i>	24.87	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	42.52	
23 51 16 00-0125		Adjustable Roof Flashing (23 51 16 00-0001)		
23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	51.92	17.68
		<i>For Aluminum Liner, Add</i>	0.43	
		<i>For 304 Stainless Steel Liner, Add</i>	0.59	
		<i>For 2" Wall Instead Of 1", Add</i>	6.76	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.34	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	56.83	18.66
		<i>For Aluminum Liner, Add</i>	0.55	
		<i>For 304 Stainless Steel Liner, Add</i>	0.76	
		<i>For 2" Wall Instead Of 1", Add</i>	7.70	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.88	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	69.79	21.15
		<i>For Aluminum Liner, Add</i>	0.93	
		<i>For 304 Stainless Steel Liner, Add</i>	1.27	
		<i>For 2" Wall Instead Of 1", Add</i>	10.35	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	18.18	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	84.13	24.43
		<i>For Aluminum Liner, Add</i>	1.27	
		<i>For 304 Stainless Steel Liner, Add</i>	1.73	
		<i>For 2" Wall Instead Of 1", Add</i>	13.03	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	22.59	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	129.50	26.51
		<i>For Aluminum Liner, Add</i>	3.48	
		<i>For 304 Stainless Steel Liner, Add</i>	4.75	
		<i>For 2" Wall Instead Of 1", Add</i>	25.60	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	41.72	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	152.46	28.89
		<i>For Aluminum Liner, Add</i>	4.42	
		<i>For 304 Stainless Steel Liner, Add</i>	6.02	
		<i>For 2" Wall Instead Of 1", Add</i>	31.30	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	50.56	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	178.09	31.78
		<i>For Aluminum Liner, Add</i>	5.43	
		<i>For 304 Stainless Steel Liner, Add</i>	7.40	
		<i>For 2" Wall Instead Of 1", Add</i>	37.54	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	60.28	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	210.84	35.35
		<i>For Aluminum Liner, Add</i>	6.74	
		<i>For 304 Stainless Steel Liner, Add</i>	9.18	
		<i>For 2" Wall Instead Of 1", Add</i>	45.58	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	72.78	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	310.24	39.72
		<i>For Aluminum Liner, Add</i>	11.60	
		<i>For 304 Stainless Steel Liner, Add</i>	15.82	
		<i>For 2" Wall Instead Of 1", Add</i>	73.20	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	114.77	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	347.38	52.93
		<i>For Aluminum Liner, Add</i>	11.82	
		<i>For 304 Stainless Steel Liner, Add</i>	16.12	
		<i>For 2" Wall Instead Of 1", Add</i>	77.73	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	123.22	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	442.39	68.12
		<i>For Aluminum Liner, Add</i>	14.97	
		<i>For 304 Stainless Steel Liner, Add</i>	20.41	
		<i>For 2" Wall Instead Of 1", Add</i>	98.67	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	156.51	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	525.15	79.44
		<i>For Aluminum Liner, Add</i>	17.96	
		<i>For 304 Stainless Steel Liner, Add</i>	24.49	
		<i>For 2" Wall Instead Of 1", Add</i>	117.83	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	186.67	
23 51 16 00-0138		Galvanized Storm Collars (23 51 16 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0139 EA 3" Round Galvanized Storm Collar, Double Wall.....	20.82	7.45
For Aluminum Liner, Add	0.12	
For 304 Stainless Steel Liner, Add	0.17	
For 2" Wall Instead Of 1", Add	2.53	
For 3" To 4" Wall Instead Of 1", Add	4.73	
23 51 16 00-0140 EA 4" Round Galvanized Storm Collar, Double Wall.....	26.42	9.53
For Aluminum Liner, Add	0.14	
For 304 Stainless Steel Liner, Add	0.19	
For 2" Wall Instead Of 1", Add	3.16	
For 3" To 4" Wall Instead Of 1", Add	5.93	
23 51 16 00-0141 EA 5" Round Galvanized Storm Collar, Double Wall.....	31.03	11.12
For Aluminum Liner, Add	0.18	
For 304 Stainless Steel Liner, Add	0.24	
For 2" Wall Instead Of 1", Add	3.75	
For 3" To 4" Wall Instead Of 1", Add	7.01	
23 51 16 00-0142 EA 6" Round Galvanized Storm Collar, Double Wall.....	35.65	12.71
For Aluminum Liner, Add	0.21	
For 304 Stainless Steel Liner, Add	0.29	
For 2" Wall Instead Of 1", Add	4.34	
For 3" To 4" Wall Instead Of 1", Add	8.10	
23 51 16 00-0143 EA 7" Or 8" Round Galvanized Storm Collar, Double Wall.....	44.87	15.89
For Aluminum Liner, Add	0.28	
For 304 Stainless Steel Liner, Add	0.39	
For 2" Wall Instead Of 1", Add	5.52	
For 3" To 4" Wall Instead Of 1", Add	10.26	
23 51 16 00-0144 EA 10" Round Galvanized Storm Collar, Double Wall.....	61.71	21.45
For Aluminum Liner, Add	0.44	
For 304 Stainless Steel Liner, Add	0.61	
For 2" Wall Instead Of 1", Add	7.79	
For 3" To 4" Wall Instead Of 1", Add	14.36	
23 51 16 00-0145 EA 12" Round Galvanized Storm Collar, Double Wall.....	76.23	26.61
For Aluminum Liner, Add	0.53	
For 304 Stainless Steel Liner, Add	0.73	
For 2" Wall Instead Of 1", Add	9.56	
For 3" To 4" Wall Instead Of 1", Add	17.67	
23 51 16 00-0146 EA 14" Or 16" Round Galvanized Storm Collar, Double Wall.....	95.91	31.78
For Aluminum Liner, Add	0.91	
For 304 Stainless Steel Liner, Add	1.24	
For 2" Wall Instead Of 1", Add	12.89	
For 3" To 4" Wall Instead Of 1", Add	23.30	
23 51 16 00-0147 EA 18" Or 20" Round Galvanized Storm Collar, Double Wall.....	124.14	37.73
For Aluminum Liner, Add	1.64	
For 304 Stainless Steel Liner, Add	2.24	
For 2" Wall Instead Of 1", Add	18.38	
For 3" To 4" Wall Instead Of 1", Add	32.28	
23 51 16 00-0148 EA 22" Or 24" Round Galvanized Storm Collar, Double Wall.....	167.06	41.70
For Aluminum Liner, Add	3.45	
For 304 Stainless Steel Liner, Add	4.71	
For 2" Wall Instead Of 1", Add	29.27	
For 3" To 4" Wall Instead Of 1", Add	49.11	
23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0149)		
23 51 16 00-0151 LF 4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	33.09	9.33
For 2" Wall Instead Of 1", Add	5.26	
For 3" To 4" Wall Instead Of 1", Add	9.06	
23 51 16 00-0152 LF 5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	36.22	9.93
For 2" Wall Instead Of 1", Add	5.94	
For 3" To 4" Wall Instead Of 1", Add	10.14	
23 51 16 00-0153 LF 6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	39.93	10.63
For 2" Wall Instead Of 1", Add	6.68	
For 3" To 4" Wall Instead Of 1", Add	11.34	
23 51 16 00-0154 45 Degree Elbows (23 51 16 00-0149)		
23 51 16 00-0155 EA 4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	71.81	19.36
For 2" Wall Instead Of 1", Add	11.86	
For 3" To 4" Wall Instead Of 1", Add	20.20	
23 51 16 00-0156 EA 5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	83.81	22.64
For 2" Wall Instead Of 1", Add	13.82	
For 3" To 4" Wall Instead Of 1", Add	23.56	
23 51 16 00-0157 EA 6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	98.95	25.62
For 2" Wall Instead Of 1", Add	16.87	
For 3" To 4" Wall Instead Of 1", Add	28.51	
23 51 16 00-0158 EA 4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	72.98	19.36
For 2" Wall Instead Of 1", Add	12.21	
For 3" To 4" Wall Instead Of 1", Add	20.73	
23 51 16 00-0159 EA 5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	86.65	22.64
For 2" Wall Instead Of 1", Add	14.68	
For 3" To 4" Wall Instead Of 1", Add	24.84	
23 51 16 00-0160 EA 6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	100.79	25.62
For 2" Wall Instead Of 1", Add	17.43	
For 3" To 4" Wall Instead Of 1", Add	29.34	
23 51 16 00-0161 Tees (23 51 16 00-0149)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	118.13		29.39
		<i>For 2" Wall Instead Of 1", Add</i>	20.73		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	34.77		
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	119.96		29.39
		<i>For 2" Wall Instead Of 1", Add</i>	21.28		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	35.59		
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	137.83		33.76
		<i>For 2" Wall Instead Of 1", Add</i>	24.47		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	40.92		
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	157.18		37.83
		<i>For 2" Wall Instead Of 1", Add</i>	28.24		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	47.09		
23 51 16 00-0166		Tops/Caps And Adjustable Flashing <small>(23 51 16 00-0149)</small>			
23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	44.12		9.53
		<i>For 2" Wall Instead Of 1", Add</i>	8.45		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.87		
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	67.51		12.81
		<i>For 2" Wall Instead Of 1", Add</i>	13.85		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	22.37		
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	36.94		9.53
		<i>For 2" Wall Instead Of 1", Add</i>	6.30		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.64		
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	60.75		12.81
		<i>For 2" Wall Instead Of 1", Add</i>	11.82		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	19.33		
23 51 16 00-0171		Storm Collars <small>(23 51 16 00-0149)</small>			
23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	26.42		9.53
		<i>For 2" Wall Instead Of 1", Add</i>	3.16		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	5.93		
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	31.03		11.12
		<i>For 2" Wall Instead Of 1", Add</i>	3.75		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.01		
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	35.65		12.71
		<i>For 2" Wall Instead Of 1", Add</i>	4.34		
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.10		
23 51 16 00-0175		Round Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small>			
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.			
23 51 16 00-0176		Round Double Wall Flue/Vent Pipe <small>(23 51 16 00-0175)</small>			
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.			
23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	89.51		10.63
		<i>For 316 Stainless Steel, Add</i>	10.08		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	6.30		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	12.60		
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	107.47		12.22
		<i>For 316 Stainless Steel, Add</i>	12.30		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	7.69		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	15.38		
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	119.19		13.20
		<i>For 316 Stainless Steel, Add</i>	13.78		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.61		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	17.23		
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	134.28		14.40
		<i>For 316 Stainless Steel, Add</i>	15.71		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	9.82		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	19.64		
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	150.83		15.09
		<i>For 316 Stainless Steel, Add</i>	18.08		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.30		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	22.60		
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	159.27		15.89
		<i>For 316 Stainless Steel, Add</i>	19.12		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.95		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	23.90		
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	176.15		16.78
		<i>For 316 Stainless Steel, Add</i>	21.49		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	13.43		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	26.86		
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	219.98		26.51
		<i>For 316 Stainless Steel, Add</i>	24.60		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	15.38		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	30.75		

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	272.70	29.79
		For 316 Stainless Steel, Add.....	31.71	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	19.82	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	39.64	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	307.25	31.78
		For 316 Stainless Steel, Add.....	36.46	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	22.79	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	45.57	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	343.80	35.25
		For 316 Stainless Steel, Add.....	40.90	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	25.56	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	51.13	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	382.32	38.13
		For 316 Stainless Steel, Add.....	45.94	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	28.71	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	57.42	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	436.45	43.39
		For 316 Stainless Steel, Add.....	52.46	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	32.79	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	65.58	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	510.91	50.24
		For 316 Stainless Steel, Add.....	61.65	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	38.53	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	77.06	
23 51 16 00-0191		90 Degree Elbows <small>(23 51 16 00-0175)</small>		
23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	412.36	21.94
		For 316 Stainless Steel, Add.....	71.50	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	35.75	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	71.50	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	455.62	24.43
		For 316 Stainless Steel, Add.....	78.91	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	39.46	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	78.91	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	518.25	26.51
		For 316 Stainless Steel, Add.....	90.40	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	45.20	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	90.40	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	585.31	28.89
		For 316 Stainless Steel, Add.....	102.62	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	51.31	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	102.62	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	677.71	30.29
		For 316 Stainless Steel, Add.....	120.41	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	60.20	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	120.41	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	746.30	31.78
		For 316 Stainless Steel, Add.....	133.37	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	66.69	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	133.37	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	861.61	33.47
		For 316 Stainless Steel, Add.....	155.60	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	77.80	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	155.60	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,003.04	52.93
		For 316 Stainless Steel, Add.....	174.13	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	87.06	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	174.13	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,232.60	59.57
		For 316 Stainless Steel, Add.....	216.73	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	108.37	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	216.73	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,492.62	63.55
		For 316 Stainless Steel, Add.....	266.75	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	133.37	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	266.75	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,966.99	68.02
		For 316 Stainless Steel, Add.....	359.37	
		For 2" Insulated Wall Instead Of 1" Thickness, Add.....	179.68	
		For 3" Insulated Wall Instead Of 1" Thickness, Add.....	359.37	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,236.25	79.44
		<i>For 316 Stainless Steel, Add</i>	407.53	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	203.77	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	407.53	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,273.08	86.69
		<i>For 316 Stainless Steel, Add</i>	611.30	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	305.65	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	611.30	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,082.07	95.32
		<i>For 316 Stainless Steel, Add</i>	768.75	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	384.38	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	768.75	
23 51 16 00-0206 45 Degree Elbows (23 51 16 00-0175)				
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.277.07	21.15
		<i>For 316 Stainless Steel, Add</i>	44.83	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	22.41	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	44.83	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.316.69	24.43
		<i>For 316 Stainless Steel, Add</i>	51.13	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	25.56	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	51.13	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.351.51	26.51
		<i>For 316 Stainless Steel, Add</i>	57.05	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	28.53	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	57.05	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.400.08	28.89
		<i>For 316 Stainless Steel, Add</i>	65.58	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	32.79	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	65.58	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.449.86	30.29
		<i>For 316 Stainless Steel, Add</i>	74.84	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	37.42	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	74.84	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.503.63	31.78
		<i>For 316 Stainless Steel, Add</i>	84.84	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	42.42	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	84.84	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.563.38	33.47
		<i>For 316 Stainless Steel, Add</i>	95.96	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.98	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	95.96	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.680.73	52.93
		<i>For 316 Stainless Steel, Add</i>	109.66	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	54.83	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	109.66	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.852.87	59.57
		<i>For 316 Stainless Steel, Add</i>	140.78	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	70.39	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	140.78	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	.955.42	63.55
		<i>For 316 Stainless Steel, Add</i>	159.31	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	79.65	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	159.31	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,235.29	68.02
		<i>For 316 Stainless Steel, Add</i>	213.03	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	106.51	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	213.03	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,634.21	79.44
		<i>For 316 Stainless Steel, Add</i>	287.12	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	143.56	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	287.12	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,161.64	86.69
		<i>For 316 Stainless Steel, Add</i>	389.01	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	194.50	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	389.01	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,878.02	95.32
		<i>For 316 Stainless Steel, Add</i>	527.94	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	263.97	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	527.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 51 16 00-0221	Tees <small>(23 51 16 00-0175)</small>		
23 51 16 00-0222	EA 6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	301.52	26.51
	For 316 Stainless Steel, Add	51.76	
	For Tee Cap, Add	70.24	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	23.53	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	47.05	
23 51 16 00-0223	EA 8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	342.64	28.89
	For 316 Stainless Steel, Add	59.50	
	For Tee Cap, Add	79.36	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	27.05	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	54.09	
23 51 16 00-0224	EA 10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	392.40	30.29
	For 316 Stainless Steel, Add	69.69	
	For Tee Cap, Add	89.83	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	31.68	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	63.35	
23 51 16 00-0225	EA 12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	449.90	31.78
	For 316 Stainless Steel, Add	81.51	
	For Tee Cap, Add	101.89	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	37.05	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	74.10	
23 51 16 00-0226	EA 14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	525.43	35.35
	For 316 Stainless Steel, Add	96.18	
	For Tee Cap, Add	118.33	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	43.72	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	87.43	
23 51 16 00-0227	EA 16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	590.13	39.72
	For 316 Stainless Steel, Add	108.00	
	For Tee Cap, Add	132.91	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	49.09	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	98.18	
23 51 16 00-0228	EA 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	687.64	45.37
	For 316 Stainless Steel, Add	126.34	
	For Tee Cap, Add	154.54	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	57.43	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	114.85	
23 51 16 00-0229	EA 20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	788.53	56.10
	For 316 Stainless Steel, Add	142.64	
	For Tee Cap, Add	178.73	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	64.84	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	129.67	
23 51 16 00-0230	EA 24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,004.39	79.44
	For 316 Stainless Steel, Add	177.28	
	For Tee Cap, Add	230.67	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	80.58	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	161.16	
23 51 16 00-0231	EA 28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,216.90	86.69
	For 316 Stainless Steel, Add	220.07	
	For Tee Cap, Add	275.87	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	100.03	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	200.06	
23 51 16 00-0232	EA 32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,609.10	95.32
	For 316 Stainless Steel, Add	301.57	
	For Tee Cap, Add	357.57	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	137.08	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	274.16	
23 51 16 00-0233	EA 36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,793.17	105.95
	For 316 Stainless Steel, Add	336.21	
	For Tee Cap, Add	398.37	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	152.82	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	305.65	
23 51 16 00-0234	EA 42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	2,851.65	158.88
	For 316 Stainless Steel, Add	539.98	
	For Tee Cap, Add	629.91	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	245.45	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	490.89	
23 51 16 00-0235	EA 48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	3,579.46	190.65
	For 316 Stainless Steel, Add	682.62	
	For Tee Cap, Add	787.39	
	For 2" Insulated Wall Instead Of 1" Thickness, Add	310.28	
	For 3" Insulated Wall Instead Of 1" Thickness, Add	620.56	

23 51 16 00-0236 **Bellows** (23 51 16 00-0175)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	560.49	21.15
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	50.76	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	101.51	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	611.23	24.43
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	55.02	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	110.03	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	668.30	26.51
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	60.20	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	120.41	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	739.06	28.89
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	66.69	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	133.37	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	825.90	30.29
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	75.02	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	150.05	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	913.02	31.78
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	83.36	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	166.72	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,019.07	33.47
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	93.55	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	187.09	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,188.27	52.93
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	105.59	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	211.18	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,464.17	59.57
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	131.52	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	263.04	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,640.83	63.55
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	148.19	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	296.39	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,874.48	68.12
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	170.42	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	340.84	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,143.65	79.44
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	194.50	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	389.01	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,717.37	86.69
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	250.08	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	500.15	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,294.81	95.32
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	305.65	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	611.30	
23 51 16 00-0251		Ventilated Roof Thimbles (23 51 16 00-0175)		
23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	376.01	24.43
		<i>For 316 Stainless Steel, Add</i>	31.49	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	409.34	28.89
		<i>For 316 Stainless Steel, Add</i>	33.71	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	448.04	31.78
		<i>For 316 Stainless Steel, Add</i>	36.86	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	484.75	35.35
		<i>For 316 Stainless Steel, Add</i>	39.64	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	614.01	37.44
		<i>For 316 Stainless Steel, Add</i>	52.05	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	551.27	39.72
		<i>For 316 Stainless Steel, Add</i>	45.20	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	593.15	42.40
		<i>For 316 Stainless Steel, Add</i>	48.72	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	671.34	59.57
		<i>For 316 Stainless Steel, Add</i>	52.24	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	753.55	68.02
		<i>For 316 Stainless Steel, Add</i>	58.35	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	859.34	73.28
		<i>For 316 Stainless Steel, Add</i>	67.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0262 EA 32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	957.96 75.95	79.33
23 51 16 00-0263 EA 36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,071.76 83.36	95.22
23 51 16 00-0264 EA 42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,366.87 110.22	105.85
23 51 16 00-0265 EA 48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,687.00 138.93	119.06
23 51 16 00-0266 Exit Cones <small>(23 51 16 00-0175)</small>		
23 51 16 00-0267 EA 6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	258.71	13.80
23 51 16 00-0268 EA 8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	273.09	15.09
23 51 16 00-0269 EA 10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	293.49	15.89
23 51 16 00-0270 EA 12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	306.70	16.68
23 51 16 00-0271 EA 14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	337.45	17.18
23 51 16 00-0272 EA 16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.22	17.58
23 51 16 00-0273 EA 18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	445.47	18.17
23 51 16 00-0274 EA 20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	561.20	34.06
23 51 16 00-0275 EA 24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	702.94	36.65
23 51 16 00-0276 EA 28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	836.30	38.13
23 51 16 00-0277 EA 32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,025.52	39.72
23 51 16 00-0278 EA 36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,164.24	43.39
23 51 16 00-0279 EA 42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,465.78	45.37
23 51 16 00-0280 EA 48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,869.70	47.67
23 51 16 00-0281 Vent Top Caps <small>(23 51 16 00-0175)</small>		
23 51 16 00-0282 EA 6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	282.71	13.80
23 51 16 00-0283 EA 8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	326.81	15.09
23 51 16 00-0284 EA 10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	378.67	15.89
23 51 16 00-0285 EA 12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	434.49	16.68
23 51 16 00-0286 EA 14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	505.98	17.18
23 51 16 00-0287 EA 16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	573.90	17.68
23 51 16 00-0288 EA 18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.15	18.17
23 51 16 00-0289 EA 20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	770.42	34.06
23 51 16 00-0290 EA 24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	915.96	36.65
23 51 16 00-0291 EA 28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	993.69	38.13
23 51 16 00-0292 EA 32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,127.34	39.72
23 51 16 00-0293 EA 36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,312.32	43.29
23 51 16 00-0294 EA 42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,595.38	45.37
23 51 16 00-0295 EA 48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,851.11	47.67
23 51 16 00-0296 Roof Support Assemblies <small>(23 51 16 00-0175)</small>		
23 51 16 00-0297 EA 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	428.40 72.99	25.42
23 51 16 00-0298 EA 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	473.94 79.65	30.29
23 51 16 00-0299 EA 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	520.72 87.43	33.47

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0300	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	556.49	37.34
			<i>For 316 Stainless Steel, Add</i>	92.62	
23 51 16 00-0301	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	619.83	39.72
			<i>For 316 Stainless Steel, Add</i>	104.11	
23 51 16 00-0302	EA		16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	657.95	42.40
			<i>For 316 Stainless Steel, Add</i>	110.40	
23 51 16 00-0303	EA		18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	706.36	45.47
			<i>For 316 Stainless Steel, Add</i>	118.55	
23 51 16 00-0304	EA		20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	788.70	63.55
			<i>For 316 Stainless Steel, Add</i>	125.96	
23 51 16 00-0305	EA		24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	887.26	73.38
			<i>For 316 Stainless Steel, Add</i>	140.78	
23 51 16 00-0306	EA		28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,022.91	79.44
			<i>For 316 Stainless Steel, Add</i>	164.86	
23 51 16 00-0307	EA		32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,216.91	86.69
			<i>For 316 Stainless Steel, Add</i>	200.06	
23 51 16 00-0308	EA		36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,413.43	105.95
			<i>For 316 Stainless Steel, Add</i>	229.70	
23 51 16 00-0309	EA		42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,094.71	119.16
			<i>For 316 Stainless Steel, Add</i>	359.37	
23 51 16 00-0310	EA		48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,561.57	135.44
			<i>For 316 Stainless Steel, Add</i>	444.58	
23 51 16 00-0311			Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
			Note: With 1" insulation.		
23 51 16 00-0312			Round Stainless Steel Double Wall Flue/Vent Pipe (23 51 16 00-0311)		
			Note: With 1" insulation.		
23 51 16 00-0313	LF		6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	78.40	10.63
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	5.19	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	10.37	
23 51 16 00-0314	LF		7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	95.08	11.32
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	6.67	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	13.34	
23 51 16 00-0315	LF		8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	108.39	12.22
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	7.78	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	15.56	
23 51 16 00-0316	LF		10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	146.01	13.20
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.30	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	22.60	
23 51 16 00-0317	LF		12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	188.04	14.50
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	15.19	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	30.38	
23 51 16 00-0318	LF		14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	237.98	15.20
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	20.01	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	40.01	
23 51 16 00-0319			90 Degree Elbows (23 51 16 00-0311)		
23 51 16 00-0320	EA		6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	168.75	21.15
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.58	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	23.16	
23 51 16 00-0321	EA		7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	186.37	22.64
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	12.97	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	25.93	
23 51 16 00-0322	EA		8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	209.28	24.43
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	14.82	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	29.64	
23 51 16 00-0323	EA		10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	258.88	26.51
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	19.27	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	38.53	
23 51 16 00-0324	EA		12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	307.46	28.89
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	23.53	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	47.05	
23 51 16 00-0325	EA		14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	357.19	30.29
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	28.16	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	56.31	
23 51 16 00-0326			45 Degree Elbows (23 51 16 00-0311)		
23 51 16 00-0327	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	139.80	21.15
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.68	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	17.37	
23 51 16 00-0328	EA		7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	153.94	22.64
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	9.73	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	19.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0329	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	172.24 11.11 22.23	24.43
23 51 16 00-0330	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	210.72 14.45 28.90	26.51
23 51 16 00-0331	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	248.62 17.64 35.29	28.89
23 51 16 00-0332	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	286.84 21.12 42.24	30.29
23 51 16 00-0333			Tees With Tee Caps (23 51 16 00-0311)		
23 51 16 00-0334	EA		6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	271.50 21.86 43.72	21.15
23 51 16 00-0335	EA		7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	341.97 28.53 57.05	22.64
23 51 16 00-0336	EA		8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	383.39 32.23 64.46	24.43
23 51 16 00-0337	EA		10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	520.00 45.38 90.77	26.51
23 51 16 00-0338	EA		12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	711.24 63.91 127.82	28.89
23 51 16 00-0339	EA		14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	909.18 83.36 166.72	30.29
23 51 16 00-0340			Joist Shields (23 51 16 00-0311)		
23 51 16 00-0341	EA		6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	119.62	21.15
23 51 16 00-0342	EA		7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	128.94	22.64
23 51 16 00-0343	EA		8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	149.99	24.43
23 51 16 00-0344	EA		10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	185.75	26.51
23 51 16 00-0345	EA		12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	221.31	28.89
23 51 16 00-0346	EA		14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	260.86	30.29
23 51 16 00-0347			Adjustable Roof Flashing (23 51 16 00-0311)		
23 51 16 00-0348	EA		6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	140.92	21.15
23 51 16 00-0349	EA		7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	156.72	22.64
23 51 16 00-0350	EA		8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	170.34	24.43
23 51 16 00-0351	EA		10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	206.10	26.51
23 51 16 00-0352	EA		12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	252.86	28.89
23 51 16 00-0353	EA		14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	301.57	30.19
23 51 16 00-0354			Vent Top Caps (23 51 16 00-0311)		
23 51 16 00-0355	EA		6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	127.03	21.15
23 51 16 00-0356	EA		7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	157.65	22.64
23 51 16 00-0357	EA		8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	196.29	24.43
23 51 16 00-0358	EA		10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	308.95	26.51
23 51 16 00-0359	EA		12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	418.64	28.89
23 51 16 00-0360	EA		14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	531.33	30.29
23 51 16 00-0361			Roof Support Assemblies (23 51 16 00-0311)		
23 51 16 00-0362	EA		6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	185.30	21.15
23 51 16 00-0363	EA		7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	205.81	22.64
23 51 16 00-0364	EA		8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	223.14	24.43
23 51 16 00-0365	EA		10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	279.22	26.51
23 51 16 00-0366	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	329.69	28.89
23 51 16 00-0367	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	401.67	30.29
23 51 16 00-0368			Polyvinyl Chloride (PVC) Flue/Vent Accessories (23 51 16)		
23 51 16 00-0369			Concentric Polyvinyl Chloride (PVC) Vent Termination (23 51 16 00-0368)		
23 51 16 00-0370	EA		2" Concentric Polyvinyl Chloride (PVC) Vent Termination	165.98	40.44
23 51 16 00-0371	EA		3" Concentric Polyvinyl Chloride (PVC) Vent Termination	178.14	40.44
23 51 16 00-0372			Polypropylene (PP) Flue/Vent Pipe And Fittings (23 51 16)		
			Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373			Polypropylene Flue/Vent Rigid Pipe Sections (23 51 16 00-0372)		
			Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA		2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	35.52	12.28
23 51 16 00-0375	EA		2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	39.69	12.93
23 51 16 00-0376	EA		2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	45.17	14.37

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	55.47	16.90	
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	42.24	14.08	
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	49.52	14.82	
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	59.59	16.47	
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	73.02	19.37	
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	66.67	18.62	
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	77.11	19.60	
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	94.14	21.78	
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	120.21	25.63	
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	98.81	27.49	
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	111.29	28.93	
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	140.99	32.15	
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	180.57	37.83	
23 51 16 00-0390 Polypropylene Flue/Vent Elbows (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	43.75	14.92	
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	49.98	15.71	
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	60.14	16.28	
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	68.51	16.96	
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	43.75	14.92	
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	49.98	15.71	
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	60.14	16.28	
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	68.51	16.96	
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	43.75	14.92	
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	49.98	15.71	
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	60.14	16.28	
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	68.51	16.96	
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	43.75	14.92	
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	49.98	15.71	
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	59.54	16.28	
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	70.00	16.96	
23 51 16 00-0407 Polypropylene Flue/Vent Tees (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	119.61	22.40	
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	147.16	23.57	
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	170.50	24.43	
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	185.65	25.42	
23 51 16 00-0412 Polypropylene Flue/Vent Adaptors (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket.....	49.64	14.92	
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket.....	67.14	15.71	
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket.....	76.76	16.28	
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket.....	100.99	16.96	
23 51 16 00-0417 Polypropylene Flue/Vent Increases (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	54.14	15.33	
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	58.75	16.00	
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	97.14	16.61	
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser.....	69.27	15.33	
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser.....	57.52	16.00	
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser.....	129.44	16.61	
23 51 16 00-0424 Polypropylene Flue/Vent Reducers (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	54.14	15.33	
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer.....	58.75	16.00	
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	117.28	16.61	
23 51 16 00-0428 Polypropylene Flue/Vent Test Ports (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port.....	70.76	22.40	
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	78.29	23.57	
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	111.66	24.43	
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	118.75	25.42	
23 51 16 00-0433 Polypropylene Flue/Vent Cascade Components (23 51 16 00-0372)					
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	173.21	24.43	
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	225.81	30.53	
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	146.21	25.42	
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	212.45	31.78	
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve.....	210.40	16.00	
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve.....	242.25	16.61	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	11.94	3.73
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	13.33	3.93
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	14.24	4.07
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	15.57	4.24
23 51 16 00-0524	EA	2 1/4" Polypropylene Flue/Vent Air Intake, White	52.50	7.47
23 51 16 00-0525	EA	3 1/2" Polypropylene Flue/Vent Air Intake, White	53.97	7.85
23 51 16 00-0526	EA	4 1/2" Polypropylene Flue/Vent Air Intake, White	41.62	8.15
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	45.07	5.60
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	46.56	5.89
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	61.33	6.10
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	101.28	6.36

23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)

23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	8.33	1.31
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	7.32	1.31
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	10.19	1.55
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	8.93	1.55
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	14.49	1.91
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	12.55	1.91

23 51 16 00-0538 Polypropylene Flue/Vent Couplers (23 51 16 00-0372)

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex.....	62.41	14.92
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	68.74	14.92
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	130.35	15.71
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	230.05	16.28
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex.....	70.60	14.92
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex.....	153.46	15.71
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex.....	381.53	16.28

23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations (23 51 16 00-0372)

23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	78.99	14.92
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	74.23	15.71
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	89.74	16.28

23 51 16 00-0550 Aluminum Flue/Vent Fittings (23 51 16)**23 51 16 00-0551 Aluminum Vent Top Caps (23 51 16 00-0550)**

23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK).....	75.13	14.79
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK).....	79.76	14.50
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK).....	86.19	15.20
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK).....	116.98	15.89
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK).....	130.75	17.68
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK).....	353.76	18.66
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK).....	363.01	19.86

23 52 Heating Boilers (23 50)**23 52 13 Electric Boilers (23 52)****23 52 13 00-0001 Packaged Electric Steam Boiler (23 52 13)**

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.

23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,740.47	565.28
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,355.41	659.50
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	8,976.52	706.62
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,001.25	753.72
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,001.06	800.83
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	12,849.37	895.04
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	14,697.78	989.26
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	15,286.23	1,036.36
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	16,078.35	1,083.47
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	21,070.94	1,177.69
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	21,963.73	1,224.79
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	22,958.10	1,304.55
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	23,914.77	1,401.19
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	25,811.32	1,497.83
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	27,804.85	1,642.77
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	29,554.51	1,691.09
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	31,002.58	1,739.40
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	32,877.96	1,787.72
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	34,753.82	1,836.04
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	37,189.05	1,932.67
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	39,691.92	2,029.31
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	42,146.48	2,077.62
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	46,785.91	2,125.94
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	50,390.44	2,222.57
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	51,608.05	2,319.21
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	56,818.52	2,464.16
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	58,640.54	2,609.11

Heating, Ventilating, And Air-Conditioning (HVAC)			23
Central Heating Equipment			23 50
Heating Boilers			23 52

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	60,559.19	2,754.06
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	64,382.48	2,899.01
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	66,076.26	2,995.64
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	68,302.42	3,188.91
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	70,641.01	3,382.18
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	77,238.65	3,575.45
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	81,448.47	3,768.71

23 52 13 00-0036

Packaged Electric Hot Water Boiler (23 52 13)

Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.

23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	6,461.41	518.18
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	6,804.83	565.28
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	7,148.25	612.39
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	7,482.27	659.50
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	7,868.38	706.62
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	8,151.71	753.72
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	8,495.13	800.83
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	9,010.25	847.94
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	9,464.87	895.04
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	9,739.60	942.15
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	10,460.31	989.26
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	11,140.85	1,036.36
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	12,373.07	1,083.47
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	13,180.31	1,130.58
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	13,856.55	1,177.69
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	15,036.95	1,224.79
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	16,325.10	1,304.55
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	17,555.02	1,401.19
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	18,890.16	1,497.83
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	20,216.70	1,642.77
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	21,551.86	1,739.40
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	22,791.55	1,836.04
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	24,514.41	1,884.36
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	26,126.48	1,932.67
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	27,669.86	2,029.31
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	29,291.99	2,029.31
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	32,097.54	2,077.62
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	33,591.79	2,125.94
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	35,461.85	2,222.57
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	36,889.25	2,270.90
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	38,321.56	2,319.21
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	39,388.84	2,464.16
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	41,325.78	2,609.11
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	48,126.65	2,754.06
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	52,813.19	2,899.01
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	54,876.62	2,995.64
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	57,167.94	3,188.91
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	59,459.27	3,382.18
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	65,930.73	3,575.45
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	70,094.88	3,768.71
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	71,871.07	3,865.35
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	73,647.27	3,961.98
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	74,033.81	4,106.93
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	79,496.56	4,203.57
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	83,145.59	4,348.52
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	89,263.23	4,638.42
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	96,164.72	5,121.59
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	104,086.05	5,701.38
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	110,203.69	6,281.19

23 52 16 Condensing Boilers (23 52)

23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	10,078.47	376.86
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	10,677.33	501.97
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	11,392.70	565.19
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	12,076.39	596.66
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	15,920.07	690.88
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	18,417.88	753.62
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	24,852.70	879.21
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798)	34,504.08	1,004.89
		Note: Includes vent manifold.		
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998)	42,169.08	1,099.11
		Note: Includes vent manifold.		
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	60,821.54	1,287.45
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	67,017.97	1,381.66

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
Note: Includes Riello burners. Capacity given is IBR rating.			
23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145).....	30,780.77 816.46
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185).....	32,289.75 879.21
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240).....	35,962.15 1,004.89
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310).....	38,980.12 1,130.49
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400).....	43,371.17 1,224.70
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510).....	49,549.49 1,287.45
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640).....	59,153.48 1,381.66
23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
Note: Includes Riello burners.			
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790).....	62,702.60 1,507.25
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970).....	72,587.73 1,570.09
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200).....	84,099.19 1,632.93
23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
23 52 16 13-0026	EA	165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211).....	9,381.88 565.19
23 52 16 13-0027	EA	226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286).....	12,272.32 628.03
23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
23 52 16 13-0029	EA	324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400).....	14,790.83 722.25
23 52 16 13-0030	EA	406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501).....	18,151.72 753.62
23 52 16 13-0031	EA	493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601).....	21,310.24 816.46
23 52 16 13-0032	EA	574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701).....	24,504.16 847.84
23 52 16 13-0033	EA	654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801).....	28,096.15 910.68
23 52 16 13-0034 Lochinvar SYNC Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
23 52 16 13-0035	EA	941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000).....	38,458.35 1,099.11
23 52 16 13-0036	EA	1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300).....	43,786.21 1,193.23
23 52 16 13-0037	EA	1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500).....	47,026.49 1,287.45
23 52 16 13-0038 Lochinvar Crest Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>			
23 52 16 13-0039	EA	1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500).....	46,711.54 1,224.70
23 52 16 13-0040	EA	1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000).....	55,997.45 1,381.66
23 52 16 13-0041	EA	2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500).....	72,778.52 1,444.50
23 52 16 13-0042	EA	2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000).....	80,226.23 1,507.25
23 52 16 13-0043	EA	3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500).....	95,451.73 1,570.09
23 52 16 13-0044 Laars Neotherm Stainless Steel Condensing Boiler <small>(23 52 16 13)</small>			
Note: Compliant with SCAQMD.			
23 52 16 13-0045	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080).....	6,917.53 408.24
23 52 16 13-0046	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105).....	7,896.99 471.07
23 52 16 13-0047	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150).....	8,851.58 565.19
23 52 16 13-0048	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210).....	9,857.78 628.03
23 52 16 13-0049	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285).....	12,633.16 690.88
23 52 16 13-0050	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399).....	15,677.08 753.62
23 52 16 13-0051	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500).....	20,131.73 816.46
23 52 16 13-0052	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600).....	21,630.02 879.21
23 52 16 13-0053	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750).....	23,367.71 942.06
23 52 16 13-0054	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850).....	25,253.72 1,067.64
23 52 16 13-0055	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000).....	36,207.94 1,130.49
23 52 16 13-0056	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700).....	48,118.61 1,318.91
23 52 16 13-0057	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV150).....	9,482.22 565.19
23 52 16 13-0058	EA	199 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV199).....	11,078.30 596.66
23 52 16 13-0059	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV285).....	14,348.89 690.88
23 52 16 13-0060	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV399).....	17,262.78 753.62
23 52 16 13-0061	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV500).....	21,538.81 816.46
23 52 16 13-0062	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV600).....	22,456.29 879.21
23 52 16 13-0063	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV750).....	24,613.18 942.06
23 52 16 13-0064	EA	800 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV800).....	26,409.19 1,004.89
23 52 16 13-0065	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1000).....	36,207.94 1,130.49
23 52 16 13-0066	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1700).....	48,118.61 1,318.91
23 52 16 13-0067 AERCO Benchmark Stainless-Steel Condensing Boilers <small>(23 52 16 13)</small>			
23 52 16 13-0068	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN).....	39,073.27 1,287.45
Note: Includes gas PRV and pump delay relay.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 52 16 13-0069	EA		2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) 46,338.69	46,338.69	1,381.66
Note: Includes gas PRV and pump delay relay.					
23 52 16 13-0070	EA		3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)..... 66,539.20	66,539.20	1,538.71
Note: Includes gas PRV and pump delay relay.					
23 52 16 13-0071	EA		3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)..... 70,876.06	70,876.06	1,538.71
Note: Includes gas PRV and pump delay relay.					

23 52 16 16 Aluminum Condensing Boilers (23 52 16)

23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers (23 52 16 16)

23 52 16 16-0002	EA		80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) 5,607.80	5,607.80	408.24
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.					
23 52 16 16-0003	EA		105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) 6,195.29	6,195.29	471.07
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.					
23 52 16 16-0004	EA		155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) 7,010.01	7,010.01	565.19
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.					
23 52 16 16-0005	EA		230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) 7,863.54	7,863.54	628.03
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.					
23 52 16 16-0006	EA		310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) 10,141.49	10,141.49	722.25
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.					

23 52 16 16-0007 Patterson Kelly Mach Series Aluminum Condensing Boilers (23 52 16 16)

23 52 16 16-0008	EA		300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300) 15,960.11	15,960.11	690.88
23 52 16 16-0009	EA		450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450) 17,951.75	17,951.75	785.09
23 52 16 16-0010	EA		750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750) 20,344.54	20,344.54	942.06
23 52 16 16-0011	EA		900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900) 30,098.32	30,098.32	1,067.64
23 52 16 16-0012	EA		1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050) 31,443.53	31,443.53	1,130.49
23 52 16 16-0013	EA		1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500) 48,723.09	48,723.09	1,287.45
23 52 16 16-0014	EA		2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000) 52,759.17	52,759.17	1,381.66
23 52 16 16-0015	EA		2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500) 61,063.34	61,063.34	1,507.25
23 52 16 16-0016	EA		3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000) 75,560.13	75,560.13	1,538.71
23 52 16 16-0017	EA		4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000) 92,205.32	92,205.32	1,632.93

23 52 16 16-0018 Buderus GB142 Wall Hung Aluminum Condensing Boilers (23 52 16 16)

Note: Includes standard controls.					
23 52 16 16-0019	EA		75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) 6,650.51	6,650.51	376.86
Note: Includes an aluminum heat exchanger and three speed circulating pump.					
23 52 16 16-0020	EA		95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) 7,722.24	7,722.24	439.61
Note: Includes an aluminum heat exchanger and three speed circulating pump.					
23 52 16 16-0021	EA		143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) 8,885.25	8,885.25	533.82
Note: Includes an aluminum heat exchanger and three speed circulating pump.					
23 52 16 16-0022	EA		193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) 9,717.82	9,717.82	596.66
Note: Includes an aluminum heat exchanger and three speed circulating pump.					
23 52 16 16-0023	EA		Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46) 310.21	310.21	94.21
23 52 16 16-0024	EA		Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3) 411.46	411.46	94.21
23 52 16 16-0025	EA		Optional GB Floor Stand For GB142 (Buderus 7098265) 898.60	898.60	94.21

23 52 16 16-0026 Buderus GB162 Wall Hung Aluminum Condensing Boilers (23 52 16 16)

Note: Includes standard controls.					
23 52 16 16-0027	EA		290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) 9,193.72	9,193.72	690.88
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.					
23 52 16 16-0028	EA		333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) 11,334.20	11,334.20	722.25
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.					
23 52 16 16-0029	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) 21,853.30	21,853.30	847.84
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.					
23 52 16 16-0030	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) 20,425.73	20,425.73	847.84
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.					
23 52 16 16-0031	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) 26,134.26	26,134.26	910.68
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.					
23 52 16 16-0032	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) 24,706.69	24,706.69	910.68
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.					
23 52 16 16-0033	EA		870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) 30,384.89	30,384.89	1,067.64
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.					

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Includes items 23 52 16 16-0034 through 23 52 16 16-0039.

23 52 16 16-0040 Buderus GB312 Aluminum Condensing Boilers (23 52 16 16)

Note: Includes standard controls.

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Includes items 23 52 16 16-0041 through 23 52 16 16-0050.

23 52 16 19 Copper Water-Tube Condensing Boilers (23 52 16)

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers (23 52 16 19)

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Includes items 23 52 16 19-0002 through 23 52 16 19-0005.

23 52 16 23 Cast Iron Condensing Boilers (23 52 16)

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers (23 52 16 23)

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Includes items 23 52 16 23-0002 through 23 52 16 23-0009.

23 52 23 Cast-Iron Boilers (23 52)

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler (23 52 23)

Note: Capacities are the net AHRH ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

Table with columns for CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, and DEMOLITION UNIT COST. Includes items 23 52 23 00-0003 through 23 52 23 00-0007.

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880)..... Note: Includes field assembly of individual sections and testing.	21,510.24	4,017.43
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980)..... Note: Includes field assembly of individual sections and testing.	22,802.42	4,218.30
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080)..... Note: Includes field assembly of individual sections and testing.	23,840.01	4,419.17
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180)..... Note: Includes field assembly of individual sections and testing.	24,873.96	4,620.04
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280)..... Note: Includes field assembly of individual sections and testing.	26,059.11	4,820.92
23 52 23 00-0013		Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380)..... Note: Fire tested factory assembled package unit.	9,599.54	386.53
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480)..... Note: Fire tested factory assembled package unit.	10,659.08	386.53
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580)..... Note: Fire tested factory assembled package unit.	12,224.58	483.17
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680)..... Note: Fire tested factory assembled package unit.	13,304.94	483.17
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780)..... Note: Fire tested factory assembled package unit.	14,678.71	579.80
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880)..... Note: Fire tested factory assembled package unit.	16,107.50	579.80
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980)..... Note: Fire tested factory assembled package unit.	17,547.01	676.43
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080)..... Note: Fire tested factory assembled package unit.	18,732.30	773.07
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180)..... Note: Fire tested factory assembled package unit.	19,528.88	773.07
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280)..... Note: Fire tested factory assembled package unit.	20,859.90	869.71
23 52 23 00-0024		Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.				
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	15,212.72	3,013.07
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,622.40	3,213.94
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,972.06	3,414.81
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,472.98	3,615.68
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,720.48	3,816.55
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,516.09	4,017.43
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,665.84	4,218.30
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,785.60	4,419.17
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	25,820.64	4,620.04
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,035.38	4,820.92
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380)..... Note: Fire tested factory assembled package cast iron unit.	10,218.61	386.53
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480)..... Note: Fire tested factory assembled package cast iron unit.	11,388.81	386.53
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580)..... Note: Fire tested factory assembled package cast iron unit.	12,887.48	483.17
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680)..... Note: Fire tested factory assembled package cast iron unit.	14,147.53	483.17
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780)..... Note: Fire tested factory assembled package cast iron unit.	15,544.31	579.80
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880)..... Note: Fire tested factory assembled package cast iron unit.	17,113.35	579.80
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980)..... Note: Fire tested factory assembled package cast iron unit.	18,410.42	676.43
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080)..... Note: Fire tested factory assembled package cast iron unit.	19,677.89	773.07
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180)..... Note: Fire tested factory assembled package cast iron unit.	20,475.56	773.07
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280)..... Note: Fire tested factory assembled package cast iron unit.	21,836.17	869.71
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)
23 50 Central Heating Equipment
23 52 Heating Boilers



Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include details for Gas Fired Package Weil-McLain Model 88 Cast Iron Boilers and Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boilers.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0090 EA 2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	51,136.93	7,281.59
23 52 23 00-0091 EA 3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	53,828.31	7,557.78
23 52 23 00-0092 EA 3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	55,319.93	7,833.98
23 52 23 00-0093 EA 3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	57,648.93	8,110.18
23 52 23 00-0094 EA 3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	59,627.43	8,386.38
23 52 23 00-0095 Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)		
23 52 23 00-0096 EA 629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488)..... Note: Fire tested factory assembled package cast iron unit.	18,324.95	676.43
23 52 23 00-0097 EA 845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588)..... Note: Fire tested factory assembled package cast iron unit.	20,679.36	773.07
23 52 23 00-0098 EA 1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688)..... Note: Fire tested factory assembled package cast iron unit.	23,774.46	869.71
23 52 23 00-0099 EA 1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788)..... Note: Fire tested factory assembled package cast iron unit.	26,434.58	966.33
23 52 23 00-0100 EA 1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888)..... Note: Fire tested factory assembled package cast iron unit.	28,183.32	966.33
23 52 23 00-0101 EA 1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988)..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	31,328.81	1,062.97
23 52 23 00-0102 EA 1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088)..... Note: Fire tested factory assembled package cast iron unit.	33,649.50	1,062.97
23 52 23 00-0103 EA 2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188)..... Note: Fire tested factory assembled package cast iron unit.	35,662.07	1,159.60
23 52 23 00-0104 EA 2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288)..... Note: Fire tested factory assembled package cast iron unit.	37,904.97	1,159.60
23 52 23 00-0105 EA 2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388)..... Note: Fire tested factory assembled package cast iron unit.	40,624.27	1,256.24
23 52 23 00-0106 EA 2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488)..... Note: Fire tested factory assembled package cast iron unit.	42,800.07	1,352.87
23 52 23 00-0107 EA 3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588)..... Note: Fire tested factory assembled package cast iron unit.	44,032.73	1,352.87
23 52 23 00-0108 EA 3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688)..... Note: Fire tested factory assembled package cast iron unit.	46,642.43	1,449.50
23 52 23 00-0109 EA 3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	48,607.02	1,449.50
23 52 23 00-0110 EA 3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888)..... Note: Fire tested factory assembled package cast iron unit.	50,608.57	1,546.14
23 52 23 00-0111 Weil-McLain Model 94 Cast Iron Boiler (23 52 23)		
Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112 Gas Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113 EA 1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	62,035.04	8,788.12
23 52 23 00-0114 EA 1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	67,160.40	9,290.30
23 52 23 00-0115 EA 2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	71,852.74	9,792.48
23 52 23 00-0116 EA 2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	76,449.47	10,294.66
23 52 23 00-0117 EA 2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	81,088.27	10,796.84
23 52 23 00-0118 EA 2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	87,187.91	11,299.02
23 52 23 00-0119 EA 2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	91,566.05	11,801.19
23 52 23 00-0120 EA 3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	95,806.62	12,303.37
23 52 23 00-0121 EA 3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	102,627.03	12,805.55
23 52 23 00-0122 EA 3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	106,865.22	13,307.73
23 52 23 00-0123 EA 3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	110,518.96	13,809.90
23 52 23 00-0124 EA 4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	117,106.16	14,312.08
23 52 23 00-0125 EA 4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	121,378.33	14,814.26
23 52 23 00-0126 EA 4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	128,114.62	15,316.44
23 52 23 00-0127 EA 4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	132,605.01	15,818.62
23 52 23 00-0128 EA 4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394)..... Note: Includes field assembly of individual sections and testing.	137,506.61	16,320.80
23 52 23 00-0129 EA 5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494)..... Note: Includes field assembly of individual sections and testing.	141,734.65	16,822.98
23 52 23 00-0130 EA 5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594)..... Note: Includes field assembly of individual sections and testing.	146,080.46	17,325.16

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 52 23 00-0131 Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)				
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	53,580.93	1,256.24
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	58,434.61	1,352.87
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	62,852.21	1,449.50
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	67,177.75	1,546.14
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	71,155.14	1,546.14
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	75,377.80	1,642.77
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	79,095.51	1,642.77
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	83,062.75	1,739.40
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	89,223.87	1,739.40
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	93,190.00	1,836.04
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	96,183.46	1,836.04
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	102,499.97	1,932.67
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	106,111.40	1,932.67
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	112,594.48	2,029.31
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	116,404.23	2,029.31
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	121,031.11	2,125.94
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	124,599.81	2,125.94
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	128,672.23	2,222.57

23 52 23 00-0150 Oil Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)				
Note: Field assembled boilers can only be used in situations where package units cannot be installed.				
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	58,765.47	8,788.12
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	63,890.83	9,290.30
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	70,097.43	9,792.48
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	74,298.61	10,294.66
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	78,667.87	10,796.84
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	84,466.19	11,299.02
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	89,048.13	11,801.19
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	93,290.89	12,303.37
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	100,893.64	12,805.55
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	105,132.92	13,307.73
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	109,370.66	13,809.90
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	117,113.83	14,312.08
23 52 23 00-0163	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	121,386.00	14,814.26
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	128,298.70	15,316.44
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	132,787.99	15,818.62
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	137,595.36	16,320.80
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	141,823.40	16,822.98
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	146,175.78	17,325.16

23 52 23 00-0169 Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)				
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	50,133.85	1,256.24
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	54,987.54	1,352.87
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	60,919.40	1,449.50
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	64,849.38	1,546.14

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	68,557.23	1,546.14
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	72,478.58	1,642.77
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	76,400.09	1,642.77
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	80,367.33	1,739.40
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	87,312.97	1,739.40
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	91,278.01	1,836.04
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	94,857.66	1,836.04
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	102,330.14	1,932.67
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	105,941.57	1,932.67
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	112,579.14	2,029.31
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	116,409.70	2,029.31
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	120,942.36	2,125.94
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	124,511.06	2,125.94
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	128,590.06	2,222.57
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler ^(23 52 23 00-0111)		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	63,062.81	8,788.12
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	68,189.27	9,290.30
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	73,162.10	9,792.48
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	77,869.50	10,294.66
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	82,483.10	10,796.84
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	87,702.88	11,299.02
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	93,276.44	11,801.19
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	97,786.55	12,303.37
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	104,778.99	12,805.55
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	109,017.17	13,307.73
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	112,747.61	13,809.90
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	119,409.32	14,312.08
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	124,777.19	14,814.26
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	132,100.78	15,316.44
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	136,558.29	15,818.62
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394)..... Note: Includes field assembly of individual sections and testing.	141,663.70	16,320.80
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494)..... Note: Includes field assembly of individual sections and testing.	145,892.83	16,822.98
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594)..... Note: Includes field assembly of individual sections and testing.	150,241.93	17,325.16
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler ^(23 52 23 00-0111)		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894)..... Note: Fire tested factory assembled package cast iron unit.	54,688.68	1,256.24
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994)..... Note: Fire tested factory assembled package cast iron unit.	59,543.46	1,352.87
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094)..... Note: Fire tested factory assembled package cast iron unit.	64,244.85	1,449.50
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194)..... Note: Fire tested factory assembled package cast iron unit.	68,678.86	1,546.14
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294)..... Note: Fire tested factory assembled package cast iron unit.	72,631.05	1,546.14
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394)..... Note: Fire tested factory assembled package cast iron unit.	75,972.77	1,642.77
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494)..... Note: Fire tested factory assembled package cast iron unit.	80,885.89	1,642.77
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594)..... Note: Fire tested factory assembled package cast iron unit.	85,121.57	1,739.40

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 52 23 00-0216	EA		3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694)..... Note: Fire tested factory assembled package cast iron unit.	91,456.91	1,739.40
23 52 23 00-0217	EA		3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794)..... Note: Fire tested factory assembled package cast iron unit.	95,420.85	1,836.04
23 52 23 00-0218	EA		3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894)..... Note: Fire tested factory assembled package cast iron unit.	98,492.10	1,836.04
23 52 23 00-0219	EA		4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994)..... Note: Fire tested factory assembled package cast iron unit.	104,883.12	1,932.67
23 52 23 00-0220	EA		4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094)..... Note: Fire tested factory assembled package cast iron unit.	109,591.34	1,932.67
23 52 23 00-0221	EA		4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194)..... Note: Fire tested factory assembled package cast iron unit.	116,639.80	2,029.31
23 52 23 00-0222	EA		4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294)..... Note: Fire tested factory assembled package cast iron unit.	120,438.59	2,029.31
23 52 23 00-0223	EA		4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394)..... Note: Fire tested factory assembled package cast iron unit.	125,268.19	2,125.94
23 52 23 00-0224	EA		5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494)..... Note: Fire tested factory assembled package cast iron unit.	128,837.98	2,125.94
23 52 23 00-0225	EA		5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594)..... Note: Fire tested factory assembled package cast iron unit.	132,914.78	2,222.57

23 52 33 Water-Tube Boilers (23 52)**23 52 33 13 Finned Water-Tube Boilers (23 52 33)****23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler (23 52 33 13)**

23 52 33 13-0002	EA		200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	7,327.68	559.64
23 52 33 13-0003	EA		300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	8,066.03	621.81
23 52 33 13-0004	EA		400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	9,277.33	746.18
23 52 33 13-0005	EA		500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	11,788.10	777.27
23 52 33 13-0006	EA		750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	13,855.32	932.73
23 52 33 13-0007	EA		1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	17,015.79	1,119.27
23 52 33 13-0008	EA		1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	19,297.98	1,181.45
23 52 33 13-0009	EA		1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	21,364.33	1,274.73
23 52 33 13-0010	EA		1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	23,277.78	1,336.91
23 52 33 13-0011	EA		2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	24,955.38	1,368.00

23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (23 52 33 13)

23 52 33 13-0013	EA		1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	25,284.90	1,119.27
23 52 33 13-0014	EA		1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	31,537.08	1,274.73
23 52 33 13-0015	EA		2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	33,608.53	1,368.00
23 52 33 13-0016	EA		2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	47,420.21	1,554.54
23 52 33 13-0017	EA		3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	49,776.87	1,741.09

23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler (23 52 33 13)

23 52 33 13-0019	EA		340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	8,549.80 300.37 266.09	502.17
23 52 33 13-0020	EA		425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	10,286.48 300.37 266.09	627.47
23 52 33 13-0021	EA		552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	11,110.64 300.37 266.09	753.72
23 52 33 13-0022	EA		637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	11,397.13 300.37 266.09	753.72
23 52 33 13-0023	EA		841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	14,144.17 300.37 266.09	942.15
23 52 33 13-0024	EA		1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	16,246.76 300.37 266.09	942.15
23 52 33 13-0025	EA		1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	17,637.60 300.37 266.09	942.15
23 52 33 13-0026	EA		1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	19,115.43 300.37 266.09	1,130.58
23 52 33 13-0027	EA		1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)..... For High And Low Gas Pressure Switch With Manual Reset, Add For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	22,592.18 300.37 266.09	1,319.01

23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump (23 52 33 13)

23 52 33 13-0029	EA		385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B).....	8,426.89	690.21
23 52 33 13-0030	EA		420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B).....	9,081.56	621.81
23 52 33 13-0031	EA		546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B).....	10,053.83	746.18
23 52 33 13-0032	EA		630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B).....	10,683.76	847.08
23 52 33 13-0033	EA		756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B).....	11,867.95	932.73
23 52 33 13-0034	EA		832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B).....	12,757.59	1,003.95
23 52 33 13-0035	EA		1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B).....	14,561.60	1,119.27

23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B).....	16,821.52	1,181.45
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B).....	17,865.96	1,274.73
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B).....	21,176.83	1,305.82
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B).....	21,271.05	1,336.91
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B).....	24,726.61	1,368.00

23 52 33 16 Steel Water-Tube Boilers (23 52 33)

23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (23 52 33 16)

Note: Compliant with BAAQMD.

23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100).....	51,497.36	1,507.44
23 52 33 16-0003	EA	1,750 MBH Input/1,488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150).....	55,532.58	1,884.29
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200).....	56,637.95	2,072.73
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250).....	61,024.82	2,261.16
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300).....	63,230.86	2,543.80
23 52 33 16-0007	EA	3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350).....	69,810.52	2,826.44
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400).....	72,733.11	2,920.66

23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (23 52 33 16)

Note: Compliant with BAAQMD.

23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS).....	60,076.69	1,695.86
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS).....	63,193.69	1,978.51
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS).....	65,028.85	2,166.94
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS).....	72,695.94	2,355.37
23 52 33 16-0014	EA	3,000 MBH, 74 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS).....	75,442.07	2,543.80
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS).....	80,745.88	2,826.44
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS).....	85,501.47	3,014.87
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS).....	141,829.69	3,203.30
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS).....	153,506.78	3,391.73
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS).....	161,538.78	3,580.17
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS).....	165,743.20	3,768.59

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (23 52 33 16)

Note: Compliant with BAAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS).....	64,632.77	1,695.86
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS).....	68,662.01	1,978.51
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS).....	71,225.68	2,166.94
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS).....	79,075.21	2,355.37
23 52 33 16-0026	EA	3,000 MBH, 74 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS).....	81,821.35	2,543.80
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS).....	86,214.19	2,826.44
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS).....	91,148.41	3,014.87
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS).....	147,115.55	3,203.30
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS).....	159,704.89	3,391.73
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS).....	164,820.27	3,580.17
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS).....	171,941.30	3,768.59
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS).....	191,091.09	3,957.02
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS).....	275,582.52	4,145.45
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS).....	289,538.31	4,333.88

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 52 36 Fire-Box Boiler (23 52)**23 52 36 00-0001 Package Oil Fired Firebox Boilers** (23 52 36)

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	78,479.66	2,319.21
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	82,026.74	2,512.47
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	85,861.10	2,705.74
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	92,855.98	2,899.01
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	96,977.63	3,092.28
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	101,027.58	3,285.54
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	112,418.43	3,478.81
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	130,129.01	3,865.35
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	148,141.34	4,251.88
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	162,514.97	4,686.73
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	176,888.73	5,121.59
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	185,811.29	5,991.28
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	226,554.33	6,860.99
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	268,302.99	7,730.69
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	310,460.46	8,697.03
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	351,703.73	9,421.78

23 52 39 Fire-Tube Boilers (23 52)**23 52 39 13 Scotch Marine Boilers** (23 52 39)**23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers** (23 52 39 13)

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	62,479.09	1,062.97
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,245.84	1,159.60
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,038.70	1,256.24
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,248.88	1,449.50
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,883.24	1,546.14
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	83,610.73	1,642.77
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,192.46	1,691.09
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,010.21	1,739.40
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,918.69	1,932.67
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,981.73	2,125.94
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	128,307.91	2,343.37
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	139,632.11	2,560.79
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	147,137.58	2,995.64
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,047.38	3,430.50
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	193,757.20	3,865.35
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	228,258.82	4,300.19
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,471.59	4,735.05
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	324,777.98	5,169.90
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	370,069.36	5,604.75
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	413,531.60	6,039.61
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	639,510.88	6,474.45
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	695,865.37	6,909.31

23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,869.76	1,062.97
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	62,289.57	1,159.60
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,651.45	1,256.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,671.62	1,449.50
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,843.39	1,546.14
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,010.62	1,642.77
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,991.72	1,691.09
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,961.62	1,739.40
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,016.38	1,932.67
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,088.04	2,125.94
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	128,425.72	2,343.37
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	139,761.40	2,560.79
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	147,272.62	2,995.64
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,214.03	3,430.50
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	193,935.34	3,865.35
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	228,471.44	4,300.19
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,730.18	4,735.05
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	325,082.54	5,169.90
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	370,417.01	5,604.75
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	413,922.36	6,039.61
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	640,122.82	6,474.45
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	696,534.81	6,909.31
23 52 39 13-0048 15 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)				
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,496.51	1,062.97
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,415.11	1,159.60
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,391.85	1,256.24
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,173.80	1,449.50
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,572.56	1,546.14
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,966.76	1,642.77
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,171.97	1,691.09
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,377.86	1,739.40
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,987.14	1,932.67
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	121,613.33	2,125.94
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	133,387.73	2,343.37
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	145,157.27	2,560.79
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	152,909.84	2,995.64
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	186,109.71	3,430.50
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	201,371.18	3,865.35
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	237,274.92	4,300.19
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	288,513.30	4,735.05
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	337,764.84	5,169.90
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	384,918.05	5,604.75
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	430,161.68	6,039.61
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	665,717.65	6,474.45
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	724,404.91	6,909.31

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

	MINOR	CSI	UOM	DESCRIPTION		
23 52 39 13-0071				125 PSI Water Scotch Marine Boilers (23 52 39 13) Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0072				125 PSI Gas Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0073	EA			40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,012.23	1,159.60
23 52 39 13-0074	EA			50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	83,077.66	1,256.24
23 52 39 13-0075	EA			60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,204.14	1,449.50
23 52 39 13-0076	EA			70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	95,895.58	1,546.14
23 52 39 13-0077	EA			80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	102,729.01	1,642.77
23 52 39 13-0078	EA			90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,178.19	1,691.09
23 52 39 13-0079	EA			100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	116,512.74	1,739.40
23 52 39 13-0080	EA			125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	124,970.50	1,932.67
23 52 39 13-0081	EA			150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	136,229.30	2,125.94
23 52 39 13-0082	EA			175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	144,874.79	2,343.37
23 52 39 13-0083	EA			200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	149,935.40	2,560.79
23 52 39 13-0084	EA			250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	181,552.77	2,995.64
23 52 39 13-0085	EA			300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	211,411.11	3,430.50
23 52 39 13-0086	EA			350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	227,787.38	3,865.35
23 52 39 13-0087	EA			400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	254,160.72	4,300.19
23 52 39 13-0088	EA			500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	308,203.34	4,735.05
23 52 39 13-0089	EA			600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	360,919.96	5,169.90
23 52 39 13-0090	EA			700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	411,391.72	5,604.75
23 52 39 13-0091	EA			800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	459,813.11	6,039.61
23 52 39 13-0092	EA			900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	712,447.09	6,474.45
23 52 39 13-0093	EA			1,000 HP, 33,476 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	775,290.64	6,909.31
23 52 39 13-0094				125 PSI Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0095	EA			40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	68,518.67	1,159.60
23 52 39 13-0096	EA			50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	76,894.53	1,256.24
23 52 39 13-0097	EA			60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,149.93	1,449.50
23 52 39 13-0098	EA			70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,197.78	1,546.14
23 52 39 13-0099	EA			80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,238.20	1,642.77
23 52 39 13-0100	EA			90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,089.63	1,691.09
23 52 39 13-0101	EA			100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,840.66	1,739.40
23 52 39 13-0102	EA			125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	125,088.30	1,932.67
23 52 39 13-0103	EA			150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	136,355.72	2,125.94
23 52 39 13-0104	EA			175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,009.83	2,343.37
23 52 39 13-0105	EA			200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	150,076.19	2,560.79
23 52 39 13-0106	EA			250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	181,722.29	2,995.64
23 52 39 13-0107	EA			300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	211,609.36	3,430.50
23 52 39 13-0108	EA			350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	228,000.00	3,865.35
23 52 39 13-0109	EA			400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	254,399.19	4,300.19
23 52 39 13-0110	EA			500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	308,493.53	4,735.05
23 52 39 13-0111	EA			600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	361,261.87	5,169.90
23 52 39 13-0112	EA			700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	411,782.47	5,604.75

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0113 EA 800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	460,249.83	6,039.61
23 52 39 13-0114 EA 900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	713,132.96	6,474.45
23 52 39 13-0115 EA 1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	776,038.12	6,909.31
23 52 39 13-0116 125 PSI Gas/Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0117 EA 40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	76,414.22	1,159.60
23 52 39 13-0118 EA 50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	85,778.47	1,256.24
23 52 39 13-0119 EA 60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,666.35	1,449.50
23 52 39 13-0120 EA 70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,171.03	1,546.14
23 52 39 13-0121 EA 80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,671.16	1,642.77
23 52 39 13-0122 EA 90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	111,982.31	1,691.09
23 52 39 13-0123 EA 100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	118,294.12	1,739.40
23 52 39 13-0124 EA 125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	129,978.49	1,932.67
23 52 39 13-0125 EA 150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	141,682.63	2,125.94
23 52 39 13-0126 EA 175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	150,661.41	2,343.37
23 52 39 13-0127 EA 200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	155,903.04	2,560.79
23 52 39 13-0128 EA 250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	188,796.11	2,995.64
23 52 39 13-0129 EA 300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	219,855.44	3,430.50
23 52 39 13-0130 EA 350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	236,855.20	3,865.35
23 52 39 13-0131 EA 400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	264,283.00	4,300.19
23 52 39 13-0132 EA 500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	320,560.97	4,735.05
23 52 39 13-0133 EA 600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	375,452.60	5,169.90
23 52 39 13-0134 EA 700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	428,007.43	5,604.75
23 52 39 13-0135 EA 800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	478,419.95	6,039.61
23 52 39 13-0136 EA 900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	741,771.07	6,474.45
23 52 39 13-0137 EA 1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	807,218.46	6,909.31
23 52 39 13-0138 150 PSI Steam Scotch Marine Boilers (23 52 39 13) Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0139 150 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0138)		
23 52 39 13-0140 EA 40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,027.95	1,159.60
23 52 39 13-0141 EA 50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,441.29	1,256.24
23 52 39 13-0142 EA 60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,384.14	1,449.50
23 52 39 13-0143 EA 70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,992.51	1,546.14
23 52 39 13-0144 EA 80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,722.76	1,642.77
23 52 39 13-0145 EA 90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,022.78	1,691.09
23 52 39 13-0146 EA 100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,228.29	1,739.40
23 52 39 13-0147 EA 125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	131,478.30	1,932.67
23 52 39 13-0148 EA 150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,523.59	2,125.94
23 52 39 13-0149 EA 175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	163,987.31	2,343.37
23 52 39 13-0150 EA 200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	178,449.04	2,560.79
23 52 39 13-0151 EA 250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	187,684.18	2,995.64
23 52 39 13-0152 EA 300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	228,647.44	3,430.50
23 52 39 13-0153 EA 350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	247,228.07	3,865.35
23 52 39 13-0154 EA 400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	291,581.27	4,300.19

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

		MINOR		TOTAL DIRECT	DEMOLITION
		CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 52 39	13-0155	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	355,039.37	4,735.05
23 52 39	13-0156	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	415,999.20	5,169.90
23 52 39	13-0157	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	474,366.52	5,604.75
23 52 39	13-0158	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	530,344.42	6,039.61
23 52 39	13-0159	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	823,598.94	6,474.45
23 52 39	13-0160	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	896,315.72	6,909.31
23 52 39 13-0161 150 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0138)					
23 52 39	13-0162	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,583.36	1,159.60
23 52 39	13-0163	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,439.30	1,256.24
23 52 39	13-0164	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,031.12	1,449.50
23 52 39	13-0165	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,041.86	1,546.14
23 52 39	13-0166	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,045.19	1,642.77
23 52 39	13-0167	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	105,859.52	1,691.09
23 52 39	13-0168	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,561.96	1,739.40
23 52 39	13-0169	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	131,601.85	1,932.67
23 52 39	13-0170	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,664.38	2,125.94
23 52 39	13-0171	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	164,142.46	2,343.37
23 52 39	13-0172	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	178,618.56	2,560.79
23 52 39	13-0173	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	187,859.44	2,995.64
23 52 39	13-0174	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	228,862.93	3,430.50
23 52 39	13-0175	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	247,460.80	3,865.35
23 52 39	13-0176	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	291,857.10	4,300.19
23 52 39	13-0177	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	355,375.54	4,735.05
23 52 39	13-0178	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	416,395.70	5,169.90
23 52 39	13-0179	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	474,817.61	5,604.75
23 52 39	13-0180	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	530,850.10	6,039.61
23 52 39	13-0181	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	824,395.70	6,474.45
23 52 39	13-0182	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	897,186.40	6,909.31
23 52 39 13-0183 150 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0138)					
23 52 39	13-0184	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,846.56	1,159.60
23 52 39	13-0185	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,501.25	1,256.24
23 52 39	13-0186	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,185.39	1,449.50
23 52 39	13-0187	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	105,489.20	1,546.14
23 52 39	13-0188	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,785.59	1,642.77
23 52 39	13-0189	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,895.86	1,691.09
23 52 39	13-0190	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,003.93	1,739.40
23 52 39	13-0191	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	136,764.99	1,932.67
23 52 39	13-0192	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	155,545.82	2,125.94
23 52 39	13-0193	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	170,589.93	2,343.37
23 52 39	13-0194	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	185,634.91	2,560.79
23 52 39	13-0195	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	195,188.98	2,995.64
23 52 39	13-0196	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	237,827.31	3,430.50
23 52 39	13-0197	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	257,126.24	3,865.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0198 EA 400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	303,301.06	4,300.19
23 52 39 13-0199 EA 500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	369,396.76	4,735.05
23 52 39 13-0200 EA 600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	432,882.13	5,169.90
23 52 39 13-0201 EA 700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	493,668.67	5,604.75
23 52 39 13-0202 EA 800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	551,962.38	6,039.61
23 52 39 13-0203 EA 900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	857,666.51	6,474.45
23 52 39 13-0204 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	933,414.25	6,909.31

23 53 Heating Boiler Feedwater Equipment (23 50)

23 53 13 Boiler Feedwater Pumps (23 53)

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators (23 53)

23 53 16 00-0001 Boiler Feed System (23 53 16)

23 53 16 00-0002 Low Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	4,777.53	1,177.52
23 53 16 00-0004 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,240.49	1,387.25
23 53 16 00-0005 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,590.25	1,435.85
23 53 16 00-0006 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,774.27	1,488.53
23 53 16 00-0007 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,121.09	1,590.84
23 53 16 00-0008 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	9,205.75	1,723.83
23 53 16 00-0009 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	10,314.04	1,841.48
23 53 16 00-0010 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	11,812.53	2,097.24
23 53 16 00-0011 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	12,959.41	2,250.71
23 53 16 00-0012 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,946.80	2,404.16

23 53 16 00-0013 High Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014 EA 10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,180.76	1,003.92
23 53 16 00-0015 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,530.67	1,177.52
23 53 16 00-0016 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,327.62	1,387.25
23 53 16 00-0017 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,872.79	1,435.85
23 53 16 00-0018 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	8,028.08	1,488.53
23 53 16 00-0019 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	9,550.46	1,590.84
23 53 16 00-0020 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,177.06	1,723.83
23 53 16 00-0021 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,548.64	1,841.48
23 53 16 00-0022 EA 183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	13,757.87	1,972.02
23 53 16 00-0023 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,785.54	2,097.24
23 53 16 00-0024 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	15,817.51	2,250.71
23 53 16 00-0025 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	17,059.07	2,404.16

23 53 16 00-0026 Boiler Feedwater System (23 53 16)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027 EA 1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	7,817.09	1,387.25
23 53 16 00-0028 EA 2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	10,037.10	1,589.30
23 53 16 00-0029 EA 4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	13,052.67	1,818.97
23 53 16 00-0030 EA 6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	15,640.27	2,098.27
23 53 16 00-0031 EA 8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	16,615.10	2,250.71
23 53 16 00-0032 EA 11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	17,554.57	2,404.16
23 53 16 00-0033 EA 13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,596.25	2,762.33
23 53 16 00-0034 EA 17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	25,065.38	3,171.65
23 53 16 00-0035 EA 20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	32,224.61	3,664.76
23 53 16 00-0036 EA 27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	40,534.77	4,206.77
23 53 16 00-0037 EA 34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	51,519.26	4,840.03

23 53 16 00-0038 Duplex Vacuum Condensate Pumps (23 53 16)

23 53 16 00-0039 EA 7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	19,611.27	818.44
23 53 16 00-0040 EA 9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	20,074.38	869.59
23 53 16 00-0041 EA 12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	20,603.08	920.75
23 53 16 00-0042 EA 18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump..... Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	19,964.87	971.90
23 53 16 00-0043 EA 28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	26,908.49	1,023.05

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 53 Heating Boiler Feedwater Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	28,322.79	1,074.20
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23 54 Furnaces (23 50)

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces (23 54)**23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace** (23 54 13)

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,070.44	99.30
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,414.69	124.13
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,831.08	148.94

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,070.44	99.30
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,280.88	111.71
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,399.66	124.13
23 54 13 00-0009	EA	>3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,464.34	136.54
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,831.08	148.94

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace.....	187.76	26.28
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace.....	214.80	28.91
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace.....	232.83	31.54
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace.....	318.48	34.16
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace.....	344.02	36.79

23 54 16 Fuel-Fired Furnaces (23 54)**23 54 16 13 Gas-Fired Furnaces** (23 54 16)**23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces** (23 54 16 13)

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,688.04	86.89
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,797.79	99.30
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,074.36	111.71
23 54 16 13-0006	EA	100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,424.62	136.54
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,586.99	148.94

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,880.38	86.89
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,059.28	99.30
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,183.72	111.71
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3.5 tons.	1,934.95	124.13
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,576.41	136.54
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,716.23	148.94

23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,654.90	86.89
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,899.92	99.30
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,059.33	124.13
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,199.14	136.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0020			Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0021	EA		40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,174.93	86.89
23 54 16 13-0022	EA		60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,290.71	99.30
23 54 16 13-0023	EA		80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,550.74	111.71
23 54 16 13-0024	EA		100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,785.30	136.54
23 54 16 13-0025	EA		120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,985.23	148.94
23 54 16 13-0026			Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0027	EA		40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,504.68	86.89
23 54 16 13-0028	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,585.90	99.30
23 54 16 13-0029	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,769.29	111.71
23 54 16 13-0030	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,784.32	111.71
23 54 16 13-0031	EA		80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,946.68	124.13
23 54 16 13-0032	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,051.93	136.54
23 54 16 13-0033	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,175.22	148.94
23 54 16 13-0034			Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0035	EA		40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,043.32	86.89
23 54 16 13-0036	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,141.07	99.30
23 54 16 13-0037	EA		60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,304.92	111.71
23 54 16 13-0038	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,306.43	111.71
23 54 16 13-0039	EA		80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,434.22	124.13
23 54 16 13-0040	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,471.85	136.54
23 54 16 13-0041	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,635.71	148.94
23 54 16 13-0042			Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0043	EA		40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,058.35	86.89
23 54 16 13-0044	EA		60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,145.58	99.30
23 54 16 13-0045	EA		80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,372.55	111.71
23 54 16 13-0046	EA		100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,510.87	124.13
23 54 16 13-0047			75% AFUE Gas Wall/Recessed Furnace <small>(23 54 16 13-0001)</small>		
23 54 16 13-0048	EA		35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,802.12	74.48
23 54 16 13-0049	EA		55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,079.48	93.14
23 54 16 13-0050	EA		35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,629.30	74.48
23 54 16 13-0051	EA		40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,741.29	80.73
23 54 16 13-0052	EA		50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,725.53	86.89
23 54 16 13-0053	EA		65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,777.49	93.14
23 54 16 13-0054	EA		75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,840.72	93.14
23 54 16 13-0055			Gas Fired Indoor Duct Furnace <small>(23 54 16 13-0001)</small> Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056			Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace <small>(23 54 16 13-0055)</small>		
23 54 16 13-0057	EA		100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,029.87	193.64
23 54 16 13-0058	EA		150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,263.08	238.32
23 54 16 13-0059	EA		200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,575.07	342.58
23 54 16 13-0060	EA		250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,904.47	387.26
23 54 16 13-0061	EA		300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,384.92	446.84
23 54 16 13-0062	EA		350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,723.68	536.20
23 54 16 13-0063	EA		400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,256.91	714.95
23 54 16 13-0064			Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace <small>(23 54 16 13-0055)</small> Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA		100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,271.52	193.64
23 54 16 13-0066	EA		150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,501.12	238.32

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 54 Furnaces



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,902.08	342.58
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,290.39	387.26
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,050.96	446.84
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,446.23	536.20
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,939.78	714.95

23 54 16 16 Oil-Fired Furnaces (23 54 16)

23 54 16 16-0001		Oil Fired Forced Air Furnaces (23 54 16 16) Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace..... Note: Blower cooling capacity up to 3 tons.	2,909.87	99.30
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 4 tons.	3,091.87	136.54
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	3,568.37	161.35
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace	3,371.39	136.54
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace	3,398.55	161.35
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	2,914.54	136.54
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	3,460.17	161.35

23 54 19 Furnace Accessories (23 54)

23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit.....	151.28	24.83
23 54 19 00-0002	EA	1" Furnace External Filter Rack	44.46	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace..... Note: Includes storage and cleaning. Excludes ductwork.	459.72	

23 55 Fuel-Fired Heaters (23 55)

23 55 23 Gas-Fired Radiant Heaters (23 55)

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters (23 55 23)

23 55 23 13-0001		Infrared Heaters-Radiant Energy (23 55 23 13) Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002		Gas Fired Electric Ignition Infrared Gas Heater (23 55 23 13-0001) Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	762.00	102.30
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	848.57	112.54
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	903.50	112.54
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,129.97	135.05
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,139.23	135.05
23 55 23 13-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater (23 55 23 13-0001) Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	855.17 131.05	109.23
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	911.62 145.16	109.23
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	976.13 161.29	109.23
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	1,053.69 180.68	109.23
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	1,147.90 201.33	119.16
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	1,225.05 216.81	129.08
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required..... For Stainless Steel Housing, Add	1,946.22 387.16	139.02
23 55 23 13-0016		Gas Fired Tubular Infrared Heater (23 55 23 13-0001) Note: Per Tube Length. Includes controls and supports.		
23 55 23 13-0017		"U" Package (23 55 23 13-0016)		
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	71.19	5.12
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	82.23	6.13
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	100.23	7.16

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST
 DEMOLITION
 UNIT COST

23 55 23 13-0021 "S" Straight Package (23 55 23 13-0016)

23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater.....	57.97	4.09
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater.....	73.59	5.12
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater.....	89.19	6.13

23 55 33 Fuel-Fired Unit Heaters (23 55)
23 55 33 13 Oil-Fired Unit Heaters (23 55 33)
23 55 33 13-0001 Oil Fired Unit Heater (23 55 33 13)
23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt (23 55 33 13-0001)

23 55 33 13-0003	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,204.99	471.07
23 55 33 13-0004	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,660.00	518.18
23 55 33 13-0005	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,156.21	565.28

23 55 33 16 Gas-Fired Unit Heaters (23 55 33)
23 55 33 16-0001 Gas Fired Unit Heaters (23 55 33 16)
23 55 33 16-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt (23 55 33 16-0001)

23 55 33 16-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,569.61	176.65
23 55 33 16-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,723.85	211.99
23 55 33 16-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,749.33	211.99
23 55 33 16-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,915.85	247.31
23 55 33 16-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,110.86	282.64
23 55 33 16-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,264.43	300.31
23 55 33 16-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,328.67	300.31
23 55 33 16-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,273.62	300.31
23 55 33 16-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,691.28	317.98
23 55 33 16-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,942.09	317.98
23 55 33 16-0013	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,150.07	317.98
23 55 33 16-0014	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,757.14	353.31
23 55 33 16-0015	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,228.17	353.31
23 55 33 16-0016	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,539.36	388.64

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters (23 55 33 16)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 16-0018	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater.....	588.25	
23 55 33 16-0019	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater.....	792.86	

23 57 Heat Exchangers for HVAC (23 50)
23 57 13 Steam-To-Steam Heat Exchangers (23 57)
23 57 13 00-0001 Steam Generator Heat Exchanger (23 57 13)

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	13,737.27	1,636.87
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	18,252.01	1,739.18
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	24,446.35	2,120.52

23 57 16 Steam-To-Water Heat Exchangers (23 57)
23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI (23 57 16)

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,587.25	255.76
		For Bronze Head And Tube Sheet, Add	560.80	
		For Copper Nickel Tubes, Add	124.62	
		For Double Wall Tube Bundles, Add	186.93	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,296.36	255.76
		For Bronze Head And Tube Sheet, Add	849.21	
		For Copper Nickel Tubes, Add	188.71	
		For Double Wall Tube Bundles, Add	283.07	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,431.25	358.06
		For Bronze Head And Tube Sheet, Add	1,313.88	
		For Copper Nickel Tubes, Add	291.97	
		For Double Wall Tube Bundles, Add	437.96	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,473.86	358.06
		For Bronze Head And Tube Sheet, Add	2,002.86	
		For Copper Nickel Tubes, Add	445.08	
		For Double Wall Tube Bundles, Add	667.62	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	7,189.49	421.49
		For Bronze Head And Tube Sheet, Add	2,659.81	
		For Copper Nickel Tubes, Add	591.07	
		For Double Wall Tube Bundles, Add	886.60	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	9,431.33	525.69
		For Bronze Head And Tube Sheet, Add	3,493.00	
		For Copper Nickel Tubes, Add	776.22	
		For Double Wall Tube Bundles, Add	1,164.33	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 57 Heat Exchangers for HVAC**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,676.77	789.03
		<i>For Bronze Head And Tube Sheet, Add</i>	4,278.12	
		<i>For Copper Nickel Tubes, Add</i>	950.69	
		<i>For Double Wall Tube Bundles, Add</i>	1,426.04	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	17,524.60	789.03
		<i>For Bronze Head And Tube Sheet, Add</i>	6,665.54	
		<i>For Copper Nickel Tubes, Add</i>	1,481.23	
		<i>For Double Wall Tube Bundles, Add</i>	2,221.85	

23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)**23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)****23 57 19 13-0001 Plate And Frame Heat Exchanger (23 57 19 13)**

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger.....	2,495.22	255.76
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger.....	3,269.35	255.76
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger.....	4,339.27	306.91
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger.....	5,841.98	332.49
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	6,374.19	332.49
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	8,263.96	358.06
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	8,699.41	358.06
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	10,736.94	409.22
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	13,113.17	460.37
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	13,597.00	460.37
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	16,809.37	532.60
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	20,256.15	585.76
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	23,364.12	638.92

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger (23 57 19)**23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19)**

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,872.10	255.76
		<i>For Copper Nickel Tubes, Add</i>	153.11	
		<i>For Double Wall Tube Bundles, Add</i>	229.66	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,581.22	255.76
		<i>For Copper Nickel Tubes, Add</i>	217.20	
		<i>For Double Wall Tube Bundles, Add</i>	325.80	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,822.92	358.06
		<i>For Copper Nickel Tubes, Add</i>	331.14	
		<i>For Double Wall Tube Bundles, Add</i>	496.71	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,453.30	358.06
		<i>For Copper Nickel Tubes, Add</i>	477.13	
		<i>For Double Wall Tube Bundles, Add</i>	715.69	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	6,764.68	409.22
		<i>For Copper Nickel Tubes, Add</i>	587.51	
		<i>For Double Wall Tube Bundles, Add</i>	881.26	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,981.53	409.22
		<i>For Copper Nickel Tubes, Add</i>	790.46	
		<i>For Double Wall Tube Bundles, Add</i>	1,185.70	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,103.77	394.51
		<i>For Copper Nickel Tubes, Add</i>	982.74	
		<i>For Double Wall Tube Bundles, Add</i>	1,474.11	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	13,798.52	394.51
		<i>For Copper Nickel Tubes, Add</i>	1,224.86	
		<i>For Double Wall Tube Bundles, Add</i>	1,837.30	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	17,639.43	394.51
		<i>For Copper Nickel Tubes, Add</i>	1,566.69	
		<i>For Double Wall Tube Bundles, Add</i>	2,350.03	

23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)**23 57 19 23-0001 Heat Exchanger Refrigerant To Water (23 57 19 23)**

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	2,123.10	204.61
		<i>For Copper Nickel Tubes, Add</i>	171.39	
		<i>For Double Wall Tube Bundles, Add</i>	257.08	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	5,529.17	340.99
		<i>For Copper Nickel Tubes, Add</i>	484.71	
		<i>For Double Wall Tube Bundles, Add</i>	727.07	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	7,440.73	444.82
		<i>For Copper Nickel Tubes, Add</i>	655.27	
		<i>For Double Wall Tube Bundles, Add</i>	982.90	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	8,020.00	538.43
		<i>For Copper Nickel Tubes, Add</i>	694.54	
		<i>For Double Wall Tube Bundles, Add</i>	1,041.81	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	9,653.17	626.59
		<i>For Copper Nickel Tubes, Add</i>	837.98	
		<i>For Double Wall Tube Bundles, Add</i>	1,256.97	

23 60 Central Cooling Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors (23 60)

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 61 16 Reciprocating Refrigerant Compressors (23 61)

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors (23 61 16)

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	439.52	94.48
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type.....	508.64	94.48
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	682.58	118.07
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	825.13	118.07
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type.....	911.52	118.07
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	926.01	122.83
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	931.05	122.83
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,020.52	132.28
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,097.01	141.73
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,193.65	151.18
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,341.96	151.18
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,499.08	160.63
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,535.27	170.08
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,561.99	174.76
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type.....	2,633.54	914.84
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	3,789.41	1,045.48
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type.....	4,945.39	1,176.21
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	6,382.57	1,274.15
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type.....	7,820.04	1,372.25
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type.....	9,384.05	1,646.71
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type.....	11,177.38	1,769.89
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type.....	12,888.99	1,871.26
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type.....	16,704.97	2,111.19
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type.....	19,524.20	2,166.55
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type.....	24,167.24	2,221.83
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type.....	25,334.81	2,249.56
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type.....	26,454.39	2,277.20
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type.....	28,551.56	2,332.48
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type.....	30,459.74	2,387.93
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type.....	32,707.16	2,672.79
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type.....	34,236.87	2,732.61
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type.....	35,539.63	2,767.40
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type.....	36,728.13	2,853.01
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type.....	37,686.44	2,912.83
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type.....	38,674.10	2,992.65
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type.....	39,589.42	3,024.83
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type.....	40,532.56	3,074.88
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type.....	41,723.20	3,282.26
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type.....	42,864.41	3,459.20

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors (23 61 16)

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons (23 61 16 00-0041)

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,258.68	94.48
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,304.20	94.48
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,396.96	118.07
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,442.45	118.07
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,465.21	118.07
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,511.08	122.83
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,561.16	122.83
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,675.65	132.28
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,785.60	141.73
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,941.02	151.18
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,032.07	151.18
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,187.51	160.63
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,616.09	170.08
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,875.89	174.76

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors (23 61 16 00-0041)

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	3,497.57	470.48
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	6,864.05	588.11
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	11,642.74	715.97
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	14,891.26	823.35
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	16,442.21	914.84
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	18,219.46	1,029.19
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	23,670.80	1,176.21
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	30,673.09	1,176.21
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	37,938.89	1,372.25
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	42,763.19	1,470.27
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	45,191.50	1,540.83
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	46,435.81	1,616.94
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	47,781.07	1,623.22
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	50,194.53	1,699.60
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	52,637.02	1,769.89

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 61 Refrigerant Compressors

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

23 61 19 Scroll Refrigerant Compressors (23 61)

23 61 19 00-0001 Scroll Refrigerant Compressors (23 61 19)

Table with columns: Description, EA, Unit Cost, Demolition Cost. Includes items like 'Up To 3 Ton Scroll Refrigerant Compressor' through '30 Ton Scroll Refrigerant Compressor'.

23 61 23 Rotary-Screw Refrigerant Compressors (23 61)

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors (23 61 23)

Table with columns: Description, EA, Unit Cost, Demolition Cost. Includes items like '75 Ton Refrigerant Compressor, Rotary Screw Type' through '225 Ton Refrigerant Compressor, Rotary Screw Type'.

23 62 Packaged Compressor and Condenser Units (23 60)

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units (23 62)

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors (23 62 13)

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

Table with columns: Description, EA, Unit Cost, Demolition Cost. Includes items like '1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube' through '100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube'.

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type (23 62 13)

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

Table with columns: Description, EA, Unit Cost, Demolition Cost. Includes items like '1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems' through '100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems'.

Heating, Ventilating, And Air-Conditioning (HVAC)			23	
Central Cooling Equipment			23 60	
Packaged Compressor and Condenser Units			23 62	
MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 62 13 00-0031	Packaged Chiller With Remote Air Cooled Condenser (23 62 13)			
	Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.			
23 62 13 00-0032	EA 15 Ton Packaged Chiller With Remote Air Cooled Condensers	33,698.24		7,436.09
	For Gas Fired Engine Driven, Add	5,624.80		
23 62 13 00-0033	EA 20 Ton Packaged Chiller With Remote Air Cooled Condensers	37,895.75		7,838.02
	For Gas Fired Engine Driven, Add	6,404.04		
23 62 13 00-0034	EA 25 Ton Packaged Chiller With Remote Air Cooled Condensers	43,834.73		8,529.54
	For Gas Fired Engine Driven, Add	7,488.15		
23 62 13 00-0035	EA 30 Ton Packaged Chiller With Remote Air Cooled Condensers	48,882.48		9,062.68
	For Gas Fired Engine Driven, Add	8,417.77		
23 62 13 00-0036	EA 40 Ton Packaged Chiller With Remote Air Cooled Condensers	60,745.92		10,000.19
	For Gas Fired Engine Driven, Add	10,649.90		
23 62 13 00-0037	EA 50 Ton Packaged Chiller With Remote Air Cooled Condensers	66,837.11		10,357.30
	For Gas Fired Engine Driven, Add	11,814.60		
23 62 13 00-0038	EA 60 Ton Packaged Chiller With Remote Air Cooled Condensers	72,606.90		11,154.03
	For Gas Fired Engine Driven, Add	12,849.11		
23 62 13 00-0039	EA 70 Ton Packaged Chiller With Remote Air Cooled Condensers	87,889.80		11,934.43
	For Gas Fired Engine Driven, Add	15,766.33		
23 62 13 00-0040	EA 75 Ton Packaged Chiller With Remote Air Cooled Condensers	88,918.27		12,170.05
	For Gas Fired Engine Driven, Add	15,959.05		
23 62 13 00-0041	EA 80 Ton Packaged Chiller With Remote Air Cooled Condensers	90,610.29		12,699.24
	For Gas Fired Engine Driven, Add	16,218.12		
23 62 13 00-0042	EA 90 Ton Packaged Chiller With Remote Air Cooled Condensers	100,335.85		13,276.50
	For Gas Fired Engine Driven, Add	18,076.69		
23 62 13 00-0043	EA 100 Ton Packaged Chiller With Remote Air Cooled Condensers	110,815.59		13,908.74
	For Gas Fired Engine Driven, Add	20,077.86		
23 62 13 00-0044	EA 110 Ton Packaged Chiller With Remote Air Cooled Condensers	122,661.04		14,604.13
	For Gas Fired Engine Driven, Add	22,342.68		
23 62 13 00-0045	EA 120 Ton Packaged Chiller With Remote Air Cooled Condensers	132,528.30		15,372.79
	For Gas Fired Engine Driven, Add	24,200.90		
23 62 13 00-0046	EA 140 Ton Packaged Chiller With Remote Air Cooled Condensers	146,064.02		16,226.81
	For Gas Fired Engine Driven, Add	26,780.00		

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units (23 62)

23 62 23 00-0001	Water Cooled Condensing Units (23 62 23)			
	Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.			
23 62 23 00-0002	EA 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	5,016.75		654.80
23 62 23 00-0003	EA 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	7,592.90		956.28
23 62 23 00-0004	EA 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,667.00		1,036.36
23 62 23 00-0005	EA 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	10,728.74		1,243.63
23 62 23 00-0006	EA 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	11,642.80		1,463.16
23 62 23 00-0007	EA 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	24,209.16		2,126.21
23 62 23 00-0008	EA 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	30,014.19		2,566.15
23 62 23 00-0009	EA 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	41,188.28		2,807.76

23 63 Refrigerant Condensers (23 60)

23 63 13 Air-Cooled Refrigerant Condensers (23 63)

23 63 13 00-0001	Air Cooled Condensing Units (23 63 13)			
	Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.			
23 63 13 00-0002	EA 6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	4,239.14		654.80
	For >10 To 25, Deduct	-97.42		
	For >25 To 50, Deduct	-162.37		
	For >50, Deduct	-259.79		
	For Low Ambient Protection, 0 Degree F, Add	670.10		
	For Winter Start Control, Add	229.07		
23 63 13 00-0003	EA 7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	5,074.58		777.27
	For >10 To 25, Deduct	-116.91		
	For >25 To 50, Deduct	-194.84		
	For >50, Deduct	-311.75		
	For Low Ambient Protection, 0 Degree F, Add	606.17		
	For Winter Start Control, Add	195.71		
23 63 13 00-0004	EA 10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	6,575.56		956.28
	For >10 To 25, Deduct	-153.78		
	For >25 To 50, Deduct	-256.31		
	For >50, Deduct	-410.09		
	For Low Ambient Protection, 0 Degree F, Add	721.19		
	For Winter Start Control, Add	247.47		
23 63 13 00-0005	EA 12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,058.92		994.91
	For >10 To 25, Deduct	-196.54		
	For >25 To 50, Deduct	-327.57		
	For >50, Deduct	-524.12		
	For Low Ambient Protection, 0 Degree F, Add	835.46		
	For Winter Start Control, Add	281.77		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 63 Refrigerant Condensers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	9,547.10	1,036.36
		<i>For >10 To 25, Deduct</i>	-239.31	
		<i>For >25 To 50, Deduct</i>	-398.84	
		<i>For >50, Deduct</i>	-638.15	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	871.17	
		<i>For Winter Start Control, Add</i>	236.79	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	12,267.27	1,243.63
		<i>For >10 To 25, Deduct</i>	-311.49	
		<i>For >25 To 50, Deduct</i>	-519.15	
		<i>For >50, Deduct</i>	-830.64	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,094.05	
		<i>For Winter Start Control, Add</i>	292.26	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	13,925.14	1,337.85
		<i>For >10 To 25, Deduct</i>	-357.00	
		<i>For >25 To 50, Deduct</i>	-594.99	
		<i>For >50, Deduct</i>	-951.99	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,160.81	
		<i>For Winter Start Control, Add</i>	321.52	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	15,940.18	1,460.33
		<i>For >10 To 25, Deduct</i>	-411.92	
		<i>For >25 To 50, Deduct</i>	-686.53	
		<i>For >50, Deduct</i>	-1,098.45	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,238.92	
		<i>For Winter Start Control, Add</i>	358.26	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	21,765.85	1,691.30
		<i>For >10 To 25, Deduct</i>	-574.73	
		<i>For >25 To 50, Deduct</i>	-957.88	
		<i>For >50, Deduct</i>	-1,532.60	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,609.96	
		<i>For Winter Start Control, Add</i>	452.41	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	26,457.68	2,126.21
		<i>For >10 To 25, Deduct</i>	-695.36	
		<i>For >25 To 50, Deduct</i>	-1,158.93	
		<i>For >50, Deduct</i>	-1,854.29	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,746.91	
		<i>For Winter Start Control, Add</i>	443.80	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	30,419.88	2,346.68
		<i>For >10 To 25, Deduct</i>	-806.89	
		<i>For >25 To 50, Deduct</i>	-1,344.82	
		<i>For >50, Deduct</i>	-2,151.71	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,956.73	
		<i>For Winter Start Control, Add</i>	486.83	
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	39,264.84	2,566.15
		<i>For >10 To 25, Deduct</i>	-1,059.22	
		<i>For >25 To 50, Deduct</i>	-1,765.37	
		<i>For >50, Deduct</i>	-2,824.59	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,401.66	
		<i>For Winter Start Control, Add</i>	572.28	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	54,003.11	2,310.54
		<i>For >10 To 25, Deduct</i>	-1,478.99	
		<i>For >25 To 50, Deduct</i>	-2,464.98	
		<i>For >50, Deduct</i>	-3,943.96	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,654.88	
		<i>For Winter Start Control, Add</i>	716.85	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	66,323.97	2,388.86
		<i>For >10 To 25, Deduct</i>	-1,843.83	
		<i>For >25 To 50, Deduct</i>	-3,073.05	
		<i>For >50, Deduct</i>	-4,916.88	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,059.58	

23 63 13 00-0016 Air Cooled Condensing Units ^(23 63 13)

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	1,695.03	322.75
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-36.33	
		<i>For >25 To 50, Deduct</i>	-60.55	
		<i>For >50, Deduct</i>	-96.87	
		<i>For 16 SEER, Add</i>	496.47	
		<i>For 18 SEER, Add</i>	1,041.38	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air Cooled Condensing Unit.....	1,825.97	358.78
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-38.64	
		<i>For >25 To 50, Deduct</i>	-64.40	
		<i>For >50, Deduct</i>	-103.04	
		<i>For 16 SEER, Add</i>	528.10	
		<i>For 18 SEER, Add</i>	1,107.73	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	1,941.23	394.66
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-40.49	
		<i>For >25 To 50, Deduct</i>	-67.48	
		<i>For >50, Deduct</i>	-107.96	
		<i>For 16 SEER, Add</i>	553.31	
		<i>For 18 SEER, Add</i>	1,160.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-020	EA		3 Ton, 14 SEER, Air Cooled Condensing Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For >10 To 25, Deduct For >25 To 50, Deduct For >50, Deduct For 16 SEER, Add For 18 SEER, Add	2,223.86 -47.35 -78.92 -126.27 647.13 1,357.40	430.32
23 63 13 00-021	EA		3.5 Ton, 14 SEER, Air Cooled Condensing Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For >10 To 25, Deduct For >25 To 50, Deduct For >50, Deduct For 16 SEER, Add For 18 SEER, Add	2,357.43 -49.74 -82.91 -132.65 679.84 1,426.00	466.43
23 63 13 00-022	EA		4 Ton, 14 SEER, Air Cooled Condensing Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For >10 To 25, Deduct For >25 To 50, Deduct For >50, Deduct For 16 SEER, Add For 18 SEER, Add	2,623.05 -56.10 -93.50 -149.60 766.69 1,608.18	502.30
23 63 13 00-023	EA		5 Ton, 14 SEER, Air Cooled Condensing Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For >10 To 25, Deduct For >25 To 50, Deduct For >50, Deduct For 15 SEER, Add For 16 SEER, Add For 18 SEER, Add	2,953.36 -64.40 -107.33 -171.72 515.16 880.07 1,845.99	537.91
23 63 13 00-024			Removal And Reinstallation Of AC Condensing Unit (23 63 13) Note: Includes storage and cleaning.		
23 63 13 00-025	EA		Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	330.99	
23 63 13 00-026	EA		Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit.....	1,241.23	
23 63 13 00-027	EA		Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit.....	1,979.30	
23 63 23			Water-Cooled Refrigerant Condensers (23 63)		
23 63 23 00-0001			Water Cooled Condensers (23 63 23) Note: Steel shell and copper tube type. Includes equipment rigging.		
23 63 23 00-0002	EA		15 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add	6,049.12 439.08	347.04
23 63 23 00-0003	EA		20 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add	7,871.48 569.62	466.24
23 63 23 00-0004	EA		25 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	10,287.16 747.63 470.21	582.81
23 63 23 00-0005	EA		30 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	10,846.75 776.85 488.59	709.08
23 63 23 00-0006	EA		40 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	12,986.41 923.22 580.64	906.89
23 63 23 00-0007	EA		50 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	14,827.34 1,055.92 664.10	1,019.92
23 63 23 00-0008	EA		60 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	18,006.29 1,291.10 812.01	1,165.62
23 63 23 00-0009	EA		75 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	22,190.03 1,600.30 1,006.48	1,359.89
23 63 23 00-0010	EA		100 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	24,514.77 1,737.65 1,092.86	1,754.61
23 63 23 00-0011	EA		150 Ton Water Cooled Condenser, Shell And Tube Type..... For Saddle Legs, Add For Dual Compressor, Add	35,232.95 2,549.01 1,603.15	2,091.94
23 64			Packaged Water Chillers (23 60) See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 64 13			Absorption Water Chillers (23 64)		
23 64 13 16			Indirect-Fired Absorption Water Chillers (23 64 13)		
23 64 13 16-0001			Packaged, Steam Driven, Water Cooled Absorption Chillers (23 64 13 16) Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.		
23 64 13 16-0002	EA		50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... For Two Stage Unit, Add	104,455.53 69,338.08	5,935.77
23 64 13 16-0003	EA		100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... For Two Stage Unit, Add	132,687.52 88,331.60	7,080.83

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 64 Packaged Water Chillers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 4 columns: Item ID, Description, Total Direct Unit Cost, Demolition Unit Cost. Rows include items 23 64 13 16-0004 through 23 64 13 16-0018.

23 64 16 Centrifugal Water Chillers (23 64)

23 64 16 13 Air-Cooled Centrifugal Water Chillers (23 64 16)

23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers (23 64 16 13)

Note: SMARTD air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

Table with 4 columns: Item ID, Description, Total Direct Unit Cost, Demolition Unit Cost. Rows include items 23 64 16 13-0002 through 23 64 16 13-0004.

23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers (23 64 16 16)

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

Table with 4 columns: Item ID, Description, Total Direct Unit Cost, Demolition Unit Cost. Rows include items 23 64 16 16-0002 through 23 64 16 16-0012.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0013	EA		450 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	290,019.45 11,037.56	8,765.59
23 64 16 16-0014	EA		475 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	300,769.57 11,446.91	9,087.01
23 64 16 16-0015	EA		500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	310,867.02 11,834.81	9,335.94
23 64 16 16-0016	EA		550 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	329,183.47 12,546.20	9,666.99
23 64 16 16-0017	EA		600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	345,160.55 13,171.78	9,877.19
23 64 16 16-0018	EA		650 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	359,437.60 13,711.49	10,365.40
23 64 16 16-0019	EA		700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	371,581.27 14,165.39	10,861.02
23 64 16 16-0020	EA		750 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	381,662.94 14,533.62	11,406.25
23 64 16 16-0021	EA		800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	405,411.98 15,448.23	11,956.55
23 64 16 16-0022	EA		850 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	428,993.07 16,356.23	12,505.10
23 64 16 16-0023	EA		900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	452,490.67 17,257.50	13,106.30
23 64 16 16-0024	EA		950 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	475,916.07 18,151.99	13,768.22
23 64 16 16-0025	EA		1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	498,705.17 19,039.68	14,292.13
23 64 16 16-0026	EA		1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	540,956.36 20,589.95	16,490.98
23 64 16 16-0027	EA		1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	581,612.02 22,076.00	18,696.09
23 64 16 16-0028	EA		1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	619,993.06 23,497.69	20,482.35
23 64 16 16-0029	EA		1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	655,674.22 24,855.03	21,582.16
23 64 16 16-0030	EA		1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	689,684.85 26,147.83	22,646.00
23 64 16 16-0031	EA		1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	721,454.89 27,376.90	23,302.45
23 64 16 16-0032	EA		1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	753,151.79 28,541.43	24,928.16
23 64 16 16-0033	EA		1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	782,588.68 29,641.61	26,144.16
23 64 16 16-0034	EA		1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	810,991.47 30,677.43	27,721.84
23 64 16 16-0035	EA		2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	836,854.77 31,649.03	28,711.93
23 64 16 16-0036	EA		2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	891,374.70 33,796.64	30,337.14
23 64 16 16-0037	EA		2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. For 208/230 Voltage Motor Rating, Add	939,662.69 35,542.32	32,157.34
23 64 16 16-0038			Magnetic Bearing, Water Cooled Centrifugal Water Chillers <small>(23 64 16 16)</small> Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039	EA		60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	88,868.21 3,827.70 3,572.52	4,670.99
23 64 16 16-0040	EA		130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	111,688.98 3,827.70 3,572.52	5,429.05
23 64 16 16-0041	EA		125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller For 5 Year Parts Only Compressor Warranty, Add For Marine Water Box Connections, Add	139,496.79 7,655.40 3,572.52	5,552.15

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 64 Packaged Water Chillers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	181,262.76	6,414.33
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	7,655.40	
		<i>For Marine Water Box Connections, Add</i>	3,572.52	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	182,468.92	6,071.50
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	11,483.10	
		<i>For Marine Water Box Connections, Add</i>	3,572.52	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	273,226.67	8,041.58
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	11,483.10	
		<i>For Marine Water Box Connections, Add</i>	3,572.52	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	242,236.10	7,468.80
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	14,034.90	
		<i>For Marine Water Box Connections, Add</i>	4,976.01	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	336,222.18	9,666.99
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	14,034.90	
		<i>For Marine Water Box Connections, Add</i>	4,976.01	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	301,072.56	8,439.99
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	16,586.70	
		<i>For Marine Water Box Connections, Add</i>	4,976.01	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	402,502.94	10,365.40
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	16,586.70	
		<i>For Marine Water Box Connections, Add</i>	4,976.01	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	358,142.39	9,335.94
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	19,138.50	
		<i>For Marine Water Box Connections, Add</i>	5,231.19	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	461,407.77	11,956.55
		<i>For 5 Year Parts Only Compressor Warranty, Add</i>	19,138.50	
		<i>For Marine Water Box Connections, Add</i>	5,231.19	

23 64 23 Scroll Water Chillers (23 64)

23 64 23 13 Air-Cooled Scroll Water Chillers (23 64 23)

23 64 23 13-0001 Packaged Air Cooled Scroll Water Chillers (23 64 23 13)

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 64 23 13-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	19,756.23	1,489.05
23 64 23 13-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	28,808.70	1,508.15
23 64 23 13-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	31,432.03	1,613.15
23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	34,565.85	1,727.69
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	35,154.20	1,842.23
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	37,105.21	1,975.87
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	42,391.21	2,138.13
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	45,529.68	2,319.49
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	48,061.32	2,386.30
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	50,196.11	2,491.30
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	51,882.75	2,577.21
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	59,835.75	2,901.75
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	64,425.72	3,178.55
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	65,583.63	3,188.11
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	69,339.57	3,197.65
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	72,994.57	3,207.20
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	76,694.98	3,216.74
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	80,587.10	3,226.28

23 64 23 16 Water-Cooled Scroll Water Chillers (23 64 23)

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers (23 64 23 16)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	40,559.24	1,828.39
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	46,813.74	1,883.63
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	51,948.62	2,067.84
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	63,760.56	2,589.32
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	70,554.00	2,837.64
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	74,033.45	3,135.23

23 64 26 Rotary-Screw Water Chillers (23 64)

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers (23 64 26)

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers (23 64 26 13)

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0002 EA 70 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	96,083.76 -1,359.07 3,624.19	3,655.82
23 64 26 13-0003 EA 80 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	103,260.41 -1,459.71 3,892.55	3,970.81
23 64 26 13-0004 EA 90 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	108,625.24 -1,536.17 4,096.45	4,142.63
23 64 26 13-0005 EA 100 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	112,619.57 -1,589.07 4,237.52	4,457.62
23 64 26 13-0006 EA 110 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	120,879.70 -1,708.10 4,554.94	4,677.16
23 64 26 13-0007 EA 120 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	128,480.14 -1,819.82 4,852.85	4,772.61
23 64 26 13-0008 EA 130 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	135,638.18 -1,923.61 5,129.63	4,934.88
23 64 26 13-0009 EA 140 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	139,982.22 -1,986.34 5,296.90	5,039.88
23 64 26 13-0010 EA 160 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	147,835.44 -2,101.70 5,604.53	5,144.88
23 64 26 13-0011 EA 170 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	154,322.31 -2,195.42 5,854.46	5,307.14
23 64 26 13-0012 EA 180 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	162,742.95 -2,317.01 6,178.69	5,517.14
23 64 26 13-0013 EA 200 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	170,132.69 -2,425.42 6,467.79	5,631.68
23 64 26 13-0014 EA 215 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	182,412.52 -2,607.33 6,952.87	5,727.13
23 64 26 13-0015 EA 225 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	190,573.62 -2,728.60 7,276.26	5,784.40
23 64 26 13-0016 EA 240 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	198,734.72 -2,849.87 7,599.65	5,832.13
23 64 26 13-0017 EA 260 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	223,160.73 -3,213.68 8,569.82	5,946.67
23 64 26 13-0018 EA 280 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	235,450.11 -3,395.59 9,054.90	6,061.21
23 64 26 13-0019 EA 300 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	251,772.31 -3,638.13 9,701.68	6,156.67
23 64 26 13-0020 EA 325 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	276,179.24 -4,001.94 10,671.85	6,261.67
23 64 26 13-0021 EA 350 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	301,145.52 -4,374.58 11,665.54	6,338.02

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers (23 64 26)

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers (23 64 26 16)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002 EA 70 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	79,101.77	4,379.05
23 64 26 16-0003 EA 80 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	85,988.53	4,549.35
23 64 26 16-0004 EA 90 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	91,961.46	4,670.99
23 64 26 16-0005 EA 100 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	97,116.16	4,868.04
23 64 26 16-0006 EA 110 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	102,271.19	5,001.85
23 64 26 16-0007 EA 125 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	108,557.59	5,142.26
23 64 26 16-0008 EA 130 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	111,342.50	5,286.00
23 64 26 16-0009 EA 150 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	120,709.49	5,429.05
23 64 26 16-0010 EA 175 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	129,817.19	5,563.43
23 64 26 16-0011 EA 190 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	134,225.62	5,841.65
23 64 26 16-0012 EA 200 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	168,812.33	6,123.37
23 64 26 16-0013 EA 210 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	171,071.47	6,254.45
23 64 26 16-0014 EA 235 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	186,174.06	6,391.27
23 64 26 16-0015 EA 255 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	197,864.04	6,683.79
23 64 26 16-0016 EA 275 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	208,927.53	6,954.31
23 64 26 16-0017 EA 300 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	221,830.22	7,229.81
23 64 26 16-0018 EA 350 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	243,509.64	7,870.61

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	261,132.24	8,656.89
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	274,714.01	9,522.97

23 65 Cooling Towers (23 60)**23 65 13 Forced-Draft Cooling Towers (23 65)****23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13)****23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13 16)****23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Cooling Towers (23 65 13 16-0001)**

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	15,392.96	1,584.51
		<i>For Stainless Steel Cooling Tower, Add</i>	7,809.72	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	21,173.38	1,937.68
		<i>For Stainless Steel Cooling Tower, Add</i>	10,968.71	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	26,582.21	2,434.03
		<i>For Stainless Steel Cooling Tower, Add</i>	13,601.20	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	30,640.90	2,720.39
		<i>For Stainless Steel Cooling Tower, Add</i>	15,761.51	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	35,010.94	3,064.01
		<i>For Stainless Steel Cooling Tower, Add</i>	18,051.36	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	39,363.44	3,436.28
		<i>For Stainless Steel Cooling Tower, Add</i>	20,307.78	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	44,171.98	3,827.64
		<i>For Stainless Steel Cooling Tower, Add</i>	22,814.92	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	48,297.53	4,314.44
		<i>For Stainless Steel Cooling Tower, Add</i>	24,820.62	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	52,636.39	4,791.70
		<i>For Stainless Steel Cooling Tower, Add</i>	26,960.04	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	57,716.67	5,669.86
		<i>For Stainless Steel Cooling Tower, Add</i>	29,166.32	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	62,748.65	6,280.75
		<i>For Stainless Steel Cooling Tower, Add</i>	31,589.88	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	66,126.16	6,681.65
		<i>For Stainless Steel Cooling Tower, Add</i>	33,261.31	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	70,077.07	7,073.01
		<i>For Stainless Steel Cooling Tower, Add</i>	35,225.23	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	73,903.89	7,416.64
		<i>For Stainless Steel Cooling Tower, Add</i>	37,189.15	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	78,278.31	7,760.26
		<i>For Stainless Steel Cooling Tower, Add</i>	39,487.35	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	82,925.65	8,180.25
		<i>For Stainless Steel Cooling Tower, Add</i>	41,869.13	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	88,190.22	8,600.24
		<i>For Stainless Steel Cooling Tower, Add</i>	44,626.97	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	93,299.25	8,962.96
		<i>For Stainless Steel Cooling Tower, Add</i>	47,343.04	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	98,417.82	9,325.68
		<i>For Stainless Steel Cooling Tower, Add</i>	50,059.10	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	108,091.80	9,717.03
		<i>For Stainless Steel Cooling Tower, Add</i>	55,491.22	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	118,601.50	10,098.85
		<i>For Stainless Steel Cooling Tower, Add</i>	61,424.77	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	122,856.40	10,308.84
		<i>For Stainless Steel Cooling Tower, Add</i>	63,931.90	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	127,947.03	10,442.47
		<i>For Stainless Steel Cooling Tower, Add</i>	66,940.46	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	133,940.57	10,977.00
		<i>For Stainless Steel Cooling Tower, Add</i>	70,032.59	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	140,909.10	11,511.54
		<i>For Stainless Steel Cooling Tower, Add</i>	73,709.72	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	147,953.99	12,093.80
		<i>For Stainless Steel Cooling Tower, Add</i>	77,386.85	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	156,113.16	12,676.06
		<i>For Stainless Steel Cooling Tower, Add</i>	81,732.55	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	164,545.26	13,344.21
		<i>For Stainless Steel Cooling Tower, Add</i>	86,161.82	
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower	174,082.06	14,012.39
		<i>For Stainless Steel Cooling Tower, Add</i>	91,259.66	

23 65 14 Induced-Draft Cooling Towers (23 65)**23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers (23 65 14)****23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers**

(23 65 14 13)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	7,892.32	1,069.06
		<i>For Polymer Coating Over Galvanized Components, Add</i>	943.31	
		<i>For Stainless Steel Support Structure, Add</i>	1,886.62	

MINOR	CSU	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 65 14 13-0003	EA		20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	9,342.20 1,140.75 2,281.49	1,154.97
23 65 14 13-0004	EA		30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	11,160.95 1,382.06 2,764.12	1,298.15
23 65 14 13-0005	EA		40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	12,385.14 1,535.62 3,071.24	1,431.78
23 65 14 13-0006	EA		50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	14,661.71 1,842.74 3,685.49	1,584.51
23 65 14 13-0007	EA		60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	17,043.49 2,172.81 4,345.61	1,708.59
23 65 14 13-0008	EA		75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	19,564.64 2,500.87 5,001.73	1,937.68
23 65 14 13-0009	EA		100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	24,388.46 3,071.24 6,142.48	2,434.03
23 65 14 13-0010	EA		125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	26,601.63 3,334.49 6,668.98	2,720.39
23 65 14 13-0011	EA		150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	40,494.82 5,335.42 10,670.84	3,064.01
23 65 14 13-0012	EA		200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	49,015.63 6,430.28 12,860.55	3,827.64
23 65 14 13-0013	EA		300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	63,575.73 8,021.53 16,043.06	6,280.75

23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers
(23 65 14 13)

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 13-0015	EA		100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	24,388.46 3,071.24 6,142.48	2,434.03
23 65 14 13-0016	EA		150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	32,468.99 4,131.55 8,263.10	3,064.01
23 65 14 13-0017	EA		200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	41,246.99 5,264.98 10,529.96	3,827.64
23 65 14 13-0018	EA		250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	48,973.19 6,190.53 12,381.06	4,791.70
23 65 14 13-0019	EA		300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	58,270.63 7,225.77 14,451.53	6,280.75
23 65 14 13-0020	EA		350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	64,958.34 8,038.50 16,076.99	7,073.01
23 65 14 13-0021	EA		400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	72,428.34 8,994.34 17,988.68	7,760.26
23 65 14 13-0022	EA		450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	82,061.68 10,237.46 20,474.93	8,600.24
23 65 14 13-0023	EA		500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	92,498.20 11,626.83 23,253.66	9,325.68
23 65 14 13-0024	EA		550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	99,038.26 12,514.77 25,029.55	9,831.58
23 65 14 13-0025	EA		600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	106,103.44 13,481.48 26,962.97	10,098.85
23 65 14 13-0026	EA		700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	120,216.70 15,575.57 31,151.13	10,442.47
23 65 14 13-0027	EA		800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	131,855.56 17,069.40 34,138.80	11,511.54
23 65 14 13-0028	EA		900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	145,666.77 18,866.18 37,732.36	12,676.06

23 65 14 13-0029 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers
(23 65 14 13)

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0030	EA		5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	3,446.66	992.70
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MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 65 14 13-0031	EA 8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,627.71	1,040.43
23 65 14 13-0032	EA 10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,178.84	1,069.06
23 65 14 13-0033	EA 15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,689.96	1,088.16
23 65 14 13-0034	EA 20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,077.96	1,183.60
23 65 14 13-0035	EA 25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,425.58	1,240.88
23 65 14 13-0036	EA 30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,233.82	1,298.15
23 65 14 13-0037	EA 40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,324.10	1,431.78
23 65 14 13-0038	EA 50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,285.97	1,584.51
23 65 14 13-0039	EA 60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,388.56	1,708.59
23 65 14 13-0040	EA 70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,949.90	1,842.23
23 65 14 13-0041	EA 80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,033.11	2,099.95
23 65 14 13-0042	EA 100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	15,795.78	2,434.03
23 65 14 13-0043	EA 125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	19,446.35	2,720.39
23 65 14 13-0044	EA 150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	21,842.44	3,064.01
23 65 14 13-0045	EA 175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	26,443.67	3,436.28
23 65 14 13-0046	EA 200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	29,491.88	3,827.64
23 65 14 13-0047	EA 225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	32,619.53	4,314.44
23 65 14 13-0048	EA 250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	35,612.01	4,791.70
23 65 14 13-0049	EA 300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	42,812.91	6,280.75
23 65 14 13-0050	EA 350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	48,636.22	7,073.01
23 65 14 13-0051	EA 400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	54,026.00	7,760.26
23 65 14 13-0052	EA 500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	65,653.53	9,134.77
23 65 14 13-0053	EA 600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	74,850.48	10,098.85
23 65 14 13-0054	EA 700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	78,506.60	7,760.26
23 65 14 13-0055	EA 800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	90,459.71	11,511.54
23 65 14 13-0056	EA 1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	102,485.44	9,592.95

23 65 14 13-0057 **Stainless Steel Packaged Propeller Type Cooling Towers** ^(23 65 14 13)
 Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 13-0058 **Draw-Thru Stainless Steel Propeller Type Cooling Towers** ^(23 65 14 13-0057)
 Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 65 14 13-0059	EA 50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	33,575.11	1,584.51
23 65 14 13-0060	EA 75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	47,764.24	1,937.68
23 65 14 13-0061	EA 100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	56,248.31	2,434.03
23 65 14 13-0062	EA 125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	63,770.56	2,720.39
23 65 14 13-0063	EA 150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	69,945.16	3,064.01
23 65 14 13-0064	EA 200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	83,851.98	3,827.64
23 65 14 13-0065	EA 250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	98,643.03	4,791.70
23 65 14 13-0066	EA 300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	116,849.35	6,280.75
23 65 14 13-0067	EA 350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	127,893.76	7,073.01
23 65 14 13-0068	EA 400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	145,037.12	7,760.26
23 65 14 13-0069	EA 500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	168,079.55	9,325.68
23 65 14 13-0070	EA 600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	189,807.06	10,098.85
23 65 14 13-0071	EA 750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	234,933.74	10,977.00
23 65 14 13-0072	EA 1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	299,343.37	13,859.66

23 65 14 13-0073 **Belt Driven Stainless Steel Propeller Type Cooling Towers** ^(23 65 14 13-0057)
 Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 65 14 13-0074	EA 100 Ton Belt Driven Type Cooling Tower	58,604.33	2,434.03
23 65 14 13-0075	EA 125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	63,403.80	2,720.39
23 65 14 13-0076	EA 150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	68,302.72	3,064.01
23 65 14 13-0077	EA 200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	80,746.49	3,827.64
23 65 14 13-0078	EA 250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	88,919.95	4,791.70

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers ^(23 65 14)

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers ^(23 65 14 14)

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 65 14 14-0002	EA 10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	6,725.83	1,069.06
	<i>For Polymer Coating Over Galvanized Components, Add</i>	768.34	
	<i>For Stainless Steel Support Structure, Add</i>	1,536.67	
23 65 14 14-0003	EA 15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	7,250.56	1,088.16
	<i>For Polymer Coating Over Galvanized Components, Add</i>	844.18	
	<i>For Stainless Steel Support Structure, Add</i>	1,688.36	
23 65 14 14-0004	EA 20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	7,886.92	1,183.60
	<i>For Polymer Coating Over Galvanized Components, Add</i>	916.73	
	<i>For Stainless Steel Support Structure, Add</i>	1,833.45	
23 65 14 14-0005	EA 25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,203.92	1,240.88
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,101.39	
	<i>For Stainless Steel Support Structure, Add</i>	2,202.78	
23 65 14 14-0006	EA 30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	10,411.01	1,298.15
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,269.57	
	<i>For Stainless Steel Support Structure, Add</i>	2,539.13	
23 65 14 14-0007	EA 35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,593.21	1,364.97
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,431.15	
	<i>For Stainless Steel Support Structure, Add</i>	2,862.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0008	EA		40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	12,677.94 1,579.54 3,159.08	1,431.78
23 65 14 14-0009	EA		45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	13,882.13 1,744.42 3,488.84	1,508.15
23 65 14 14-0010	EA		50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	15,061.44 1,902.70 3,805.40	1,584.51
23 65 14 14-0011	EA		60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	17,375.23 2,222.57 4,445.13	1,708.59
23 65 14 14-0012	EA		70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	19,883.98 2,568.81 5,137.63	1,842.23
23 65 14 14-0013	EA		75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	21,050.86 2,723.80 5,447.60	1,937.68
23 65 14 14-0014	EA		80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	22,332.28 2,878.79 5,757.57	2,099.95
23 65 14 14-0015	EA		90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	23,283.93 2,984.31 5,968.61	2,262.22
23 65 14 14-0016	EA		100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	25,062.00 3,172.27 6,344.54	2,434.03
23 65 14 14-0017	EA		125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	26,113.74 3,261.30 6,522.61	2,720.39
23 65 14 14-0018	EA		150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	30,316.69 3,808.70 7,617.41	3,064.01
23 65 14 14-0019	EA		175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	33,502.58 4,197.82 8,395.63	3,436.28
23 65 14 14-0020	EA		200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	35,297.71 4,372.59 8,745.18	3,827.64
23 65 14 14-0021	EA		225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	40,784.96 5,078.27 10,156.54	4,314.44
23 65 14 14-0022	EA		250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	44,723.79 5,553.12 11,106.24	4,791.70
23 65 14 14-0023	EA		275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	47,907.64 5,820.23 11,640.45	5,669.86
23 65 14 14-0024	EA		300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	51,714.28 6,242.31 12,484.63	6,280.75
23 65 14 14-0025	EA		350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	59,095.30 7,159.04 14,318.08	7,073.01
23 65 14 14-0026	EA		400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	65,139.36 7,901.00 15,801.99	7,760.26
23 65 14 14-0027	EA		450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	72,003.18 8,728.69 17,457.38	8,600.24
23 65 14 14-0028	EA		500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	78,453.37 9,520.11 19,040.21	9,325.68
23 65 14 14-0029	EA		600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	89,586.99 11,004.02 22,008.03	10,098.85
23 65 14 14-0030	EA		700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	100,313.93 12,590.15 25,180.30	10,442.47
23 65 14 14-0031	EA		800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	112,106.47 14,107.04 28,214.07	11,511.54
23 65 14 14-0032	EA		900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	123,568.08 15,551.38 31,102.75	12,676.06
23 65 14 14-0033	EA		1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	134,825.73 16,926.47 33,852.93	14,012.39
23 65 14 14-0034	EA		1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	147,470.74 18,664.29 37,328.58	14,690.10
23 65 14 14-0035	EA		1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	159,662.78 20,342.76 40,685.51	15,320.08
23 65 14 14-0036	EA		1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	169,880.55 21,566.16 43,132.31	16,637.32
23 65 14 14-0037	EA		1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	179,789.40 22,720.31 45,440.62	18,050.01

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 60 Central Cooling Equipment

23 65 Cooling Towers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 65 14 14-0038	EA		1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	189,360.67 23,805.21 47,610.42	19,539.06
23 65 14 14-0039	EA		1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	198,187.68 24,814.27 49,628.54	20,884.94
23 65 14 14-0040	EA		1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	206,846.02 25,750.78 51,501.56	22,421.72
23 65 14 14-0041	EA		1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	215,424.50 26,618.05 53,236.09	24,197.14
23 65 14 14-0042	EA		1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	223,487.86 27,409.46 54,818.93	25,972.54
23 65 14 14-0043	EA		2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower For Polymer Coating Over Galvanized Components, Add For Stainless Steel Support Structure, Add	232,101.33 28,131.63 56,263.27	28,397.03

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers ^(23 65)

^{14 14)}
Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 65 14 14-0045	EA		100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	80,055.69 3,807.11	2,434.03
23 65 14 14-0046	EA		125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	90,743.22 4,318.58	2,701.29
23 65 14 14-0047	EA		150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	99,158.23 4,711.64	3,064.01
23 65 14 14-0048	EA		200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	110,166.86 5,200.99	3,827.64
23 65 14 14-0049	EA		250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	124,714.74 5,850.59	4,791.70
23 65 14 14-0050	EA		300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	143,068.56 6,648.49	6,280.75
23 65 14 14-0051	EA		350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	155,835.13 7,223.34	7,073.01
23 65 14 14-0052	EA		400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	168,429.90 7,798.19	7,760.26
23 65 14 14-0053	EA		500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	194,346.60 8,968.03	9,325.68
23 65 14 14-0054	EA		600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	219,585.88 10,167.95	10,098.85
23 65 14 14-0055	EA		750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	272,128.84 12,699.65	10,977.00
23 65 14 14-0056	EA		1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower For Induced Draft Counter Flow Type, Add	353,367.24 16,569.23	14,012.39

23 65 43 Cooling Tower Basins And Accessories ^(23 65)

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins ^(23 65 43)

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 65 43 00-0002	EA		30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	986.53 115.00 80.00	
23 65 43 00-0003	EA		30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,118.84 115.00 80.00	
23 65 43 00-0004	EA		36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,087.88 253.00 80.00	
23 65 43 00-0005	EA		36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,281.32 253.00 80.00	
23 65 43 00-0006	EA		42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,396.88 276.00 100.00	
23 65 43 00-0007	EA		42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,547.62 276.00 100.00	
23 65 43 00-0008	EA		42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,698.38 276.00 100.00	
23 65 43 00-0009	EA		48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,699.24 294.00 140.00	
23 65 43 00-0010	EA		48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	1,871.78 294.00 140.00	
23 65 43 00-0011	EA		48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	2,141.42 294.00 140.00	
23 65 43 00-0012	EA		48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	2,412.76 294.00 140.00	
23 65 43 00-0013	EA		48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin For Anti-Flotation Flanges, Add For Perforated Basins, Add	2,581.95 294.00 140.00	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

23 70 Central HVAC Equipment⁽²³⁾

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage^(23 70)

23 71 13 Thermal Heat Storage^(23 71)

23 71 13 23 Pressurized-Water Thermal Storage Tanks^(23 71 13)

23 71 13 23-0001 Nickelshield Storage Tanks^(23 71 13 23)

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	17,371.01	176.43
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	24,235.60	233.92
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	27,753.02	282.93
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	32,868.43	353.66
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	38,266.75	470.13
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	49,487.37	707.41
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	55,883.10	796.77
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	76,726.39	1,058.33
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	99,215.17	1,230.35

23 72 Air-To-Air Energy Recovery Equipment^(23 70)

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment^(23 72)

23 72 13 00-0001 Enthalpy Recovery Wheel^(23 72 13)

23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	6,566.80	681.86
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	7,330.24	818.44
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	9,171.58	1,023.05
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	10,707.48	1,168.83
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	11,804.38	1,227.66
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	14,263.18	1,364.23
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	18,698.50	1,432.27
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	23,127.30	1,534.57
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	27,938.64	1,753.50
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	31,496.77	2,250.71
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	41,911.41	2,557.62
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	49,866.53	3,069.14

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment^(23 72)

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient^(23 72 16)

23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	11,369.14	511.52
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	17,796.08	682.06
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	26,389.82	1,023.05

23 73 Indoor Central-Station Air-Handling Units^(23 70)

23 73 13 Modular Indoor Central-Station Air-Handling Units^(23 73)

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units^(23 73 13)

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,093.47	528.15
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	171.62	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	320.61	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	477.14	
		<i>For Manual Roll Filter, Add</i>	811.88	
		<i>For Automatic Roll Filter, Add</i>	878.83	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	410.19	
		<i>For Electric Heating Coil, Add</i>	677.99	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	677.99	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	611.04	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	544.09	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	439.42	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	811.88	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	744.94	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	544.09	
		<i>For Variable Air Volume, Add</i>	187.46	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,168.15	
		<i>For 2 Coils, Independent Circuits, Add</i>	236.13	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0003 EA 500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,273.62	633.78
For Flat Filter Box And Throwaway Filters, Add	282.13	
For Medium Capacity Filter Box And Throwaway Filters, Add	537.12	
For Combination Filter Mixing Box And Throwaway Filters, Add	801.15	
For Manual Roll Filter, Add	1,393.39	
For Automatic Roll Filter, Add	1,511.84	
For Hot Water Heating Coil, Aluminum Fins, Add	682.70	
For Electric Heating Coil, Add	1,156.49	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,156.49	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,038.05	
For Steam Heating Coil, Aluminum Fins, Add	919.60	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	755.92	
For Chilled Water Cooling Coil, Copper Fins, Add	1,393.39	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,274.94	
For Hot Water Heating Coil, Copper Fins, Add	919.60	
For Variable Air Volume, Add	331.65	
For Economizer, Panel, Controls And Damper(s), Add	1,273.27	
For 2 Coils, Independent Circuits, Add	374.74	
23 73 13 00-0004 EA 800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,694.78	680.65
For Flat Filter Box And Throwaway Filters, Add	320.86	
For Medium Capacity Filter Box And Throwaway Filters, Add	612.56	
For Combination Filter Mixing Box And Throwaway Filters, Add	913.97	
For Manual Roll Filter, Add	1,594.59	
For Automatic Roll Filter, Add	1,730.72	
For Hot Water Heating Coil, Aluminum Fins, Add	777.85	
For Electric Heating Coil, Add	1,322.35	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,322.35	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,186.22	
For Steam Heating Coil, Aluminum Fins, Add	1,050.10	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	865.36	
For Chilled Water Cooling Coil, Copper Fins, Add	1,594.59	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,458.47	
For Hot Water Heating Coil, Copper Fins, Add	1,050.10	
For Variable Air Volume, Add	381.15	
For Economizer, Panel, Controls And Damper(s), Add	1,320.61	
For 2 Coils, Independent Circuits, Add	423.93	
23 73 13 00-0005 EA 1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,162.78	731.40
For Flat Filter Box And Throwaway Filters, Add	364.03	
For Medium Capacity Filter Box And Throwaway Filters, Add	696.70	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,039.83	
For Manual Roll Filter, Add	1,819.27	
For Automatic Roll Filter, Add	1,975.16	
For Hot Water Heating Coil, Aluminum Fins, Add	883.94	
For Electric Heating Coil, Add	1,507.50	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,507.50	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,351.61	
For Steam Heating Coil, Aluminum Fins, Add	1,195.72	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	987.58	
For Chilled Water Cooling Coil, Copper Fins, Add	1,819.27	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,663.39	
For Hot Water Heating Coil, Copper Fins, Add	1,195.72	
For Variable Air Volume, Add	436.49	
For Economizer, Panel, Controls And Damper(s), Add	1,371.51	
For 2 Coils, Independent Circuits, Add	478.63	
23 73 13 00-0006 EA 1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,713.77	786.85
For Flat Filter Box And Throwaway Filters, Add	415.24	
For Medium Capacity Filter Box And Throwaway Filters, Add	796.79	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,189.58	
For Manual Roll Filter, Add	2,087.33	
For Automatic Roll Filter, Add	2,266.88	
For Hot Water Heating Coil, Aluminum Fins, Add	1,010.03	
For Electric Heating Coil, Add	1,728.23	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,728.23	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,548.68	
For Steam Heating Coil, Aluminum Fins, Add	1,369.13	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,133.44	
For Chilled Water Cooling Coil, Copper Fins, Add	2,087.33	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,907.78	
For Hot Water Heating Coil, Copper Fins, Add	1,369.13	
For Variable Air Volume, Add	502.74	
For Economizer, Panel, Controls And Damper(s), Add	1,425.94	
For 2 Coils, Independent Circuits, Add	543.20	
23 73 13 00-0007 EA 1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,355.73	845.61
For Flat Filter Box And Throwaway Filters, Add	475.17	
For Medium Capacity Filter Box And Throwaway Filters, Add	914.11	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,365.12	
For Manual Roll Filter, Add	2,402.06	
For Automatic Roll Filter, Add	2,609.45	
For Hot Water Heating Coil, Aluminum Fins, Add	1,157.74	
For Electric Heating Coil, Add	1,987.29	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,987.29	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,779.90	
For Steam Heating Coil, Aluminum Fins, Add	1,572.51	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,304.72	
For Chilled Water Cooling Coil, Copper Fins, Add	2,402.06	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,194.67	
For Hot Water Heating Coil, Copper Fins, Add	1,572.51	
For Variable Air Volume, Add	580.69	
For Economizer, Panel, Controls And Damper(s), Add	1,485.59	
For 2 Coils, Independent Circuits, Add	618.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	5,861.26	909.07
23 73	13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	6,409.99	979.72
23 73	13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	7,012.37	1,050.36
23 73	13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	7,570.04	1,129.02
23 73	13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	8,165.68	1,214.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0013	EA		3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	9,497.01	1,406.20
23 73 13 00-0014	EA		3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	9,953.84	1,511.17
23 73 13 00-0015	EA		3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	10,420.75	1,624.06
23 73 13 00-0016	EA		4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	11,448.07	1,874.94
23 73 13 00-0017	EA		4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	11,448.07	1,874.94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0018	EA		5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	12,569.58 1,103.10 2,113.90 3,155.46 5,528.58 6,003.21 2,680.83 4,579.33 4,579.33 4,104.71 3,630.08 3,001.60 5,528.58 5,053.96 3,630.08 1,328.95 2,170.83 1,446.81	2,153.53
23 73 13 00-0019	EA		5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	13,220.71 1,155.15 2,210.14 3,298.52 5,769.07 6,263.18 2,804.40 4,780.85 4,780.85 4,286.74 3,792.63 3,131.59 5,769.07 5,274.96 3,792.63 1,383.51 2,275.40 1,519.72	2,336.41
23 73 13 00-0020	EA		6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	13,857.96 1,206.50 2,305.41 3,440.18 6,008.17 6,521.77 2,926.59 4,980.98 4,980.98 4,467.38 3,953.78 3,260.88 6,008.17 5,494.57 3,953.78 1,438.07 2,374.41 1,591.23	2,510.04
23 73 13 00-0021	EA		6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	14,499.41 1,258.05 2,400.97 3,582.27 6,247.69 6,780.77 3,049.19 5,181.52 5,181.52 4,648.44 4,115.36 3,390.39 6,247.69 5,714.61 4,115.36 1,492.63 2,475.10 1,663.17	2,686.96
23 73 13 00-0022	EA		7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	15,239.04 1,317.31 2,510.65 3,745.32 6,522.08 7,077.43 3,189.96 5,411.38 5,411.38 4,856.02 4,300.67 3,538.72 6,522.08 5,966.73 4,300.67 1,554.99 2,592.79 1,746.05	2,892.28

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0023	EA		7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,990.70	3,098.92
			For Flat Filter Box And Throwaway Filters, Add	1,377.16	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,621.17	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,909.56	
			For Manual Roll Filter, Add	6,797.68	
			For Automatic Roll Filter, Add	7,375.30	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,331.94	
			For Electric Heating Coil, Add	5,642.43	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,642.43	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,064.81	
			For Steam Heating Coil, Aluminum Fins, Add	4,487.19	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,687.65	
			For Chilled Water Cooling Coil, Copper Fins, Add	6,797.68	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,220.05	
			For Hot Water Heating Coil, Copper Fins, Add	4,487.19	
			For Variable Air Volume, Add	1,617.34	
			For Economizer, Panel, Controls And Damper(s), Add	2,511.47	
			For 2 Coils, Independent Circuits, Add	1,830.12	
23 73 13 00-0024	EA		8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,767.13	3,337.15
			For Flat Filter Box And Throwaway Filters, Add	1,438.25	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,733.42	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,076.28	
			For Manual Roll Filter, Add	7,075.75	
			For Automatic Roll Filter, Add	7,675.64	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,476.39	
			For Electric Heating Coil, Add	5,875.96	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,875.96	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,276.07	
			For Steam Heating Coil, Aluminum Fins, Add	4,676.18	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,837.82	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,075.75	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,475.85	
			For Hot Water Heating Coil, Copper Fins, Add	4,676.18	
			For Variable Air Volume, Add	1,679.70	
			For Economizer, Panel, Controls And Damper(s), Add	2,610.78	
			For 2 Coils, Independent Circuits, Add	1,916.67	
23 73 13 00-0025	EA		9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,652.61	3,615.18
			For Flat Filter Box And Throwaway Filters, Add	1,507.58	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,860.54	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,265.05	
			For Manual Roll Filter, Add	7,389.78	
			For Automatic Roll Filter, Add	8,014.72	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,640.10	
			For Electric Heating Coil, Add	6,139.88	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,139.88	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,514.94	
			For Steam Heating Coil, Aluminum Fins, Add	4,889.99	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,007.36	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,389.78	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,764.83	
			For Hot Water Heating Coil, Copper Fins, Add	4,889.99	
			For Variable Air Volume, Add	1,749.85	
			For Economizer, Panel, Controls And Damper(s), Add	2,726.11	
			For 2 Coils, Independent Circuits, Add	2,015.24	
23 73 13 00-0026	EA		10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,515.34	3,859.84
			For Flat Filter Box And Throwaway Filters, Add	1,575.77	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,986.07	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,451.53	
			For Manual Roll Filter, Add	7,701.53	
			For Automatic Roll Filter, Add	8,351.53	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,801.53	
			For Electric Heating Coil, Add	6,401.53	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,401.53	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,751.53	
			For Steam Heating Coil, Aluminum Fins, Add	5,101.53	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,175.76	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,701.53	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,051.53	
			For Hot Water Heating Coil, Copper Fins, Add	5,101.53	
			For Variable Air Volume, Add	1,820.00	
			For Economizer, Panel, Controls And Damper(s), Add	2,834.61	
			For 2 Coils, Independent Circuits, Add	2,111.53	
23 73 13 00-0027	EA		11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,571.40	3,737.32
			For Flat Filter Box And Throwaway Filters, Add	1,591.10	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,022.57	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,507.25	
			For Manual Roll Filter, Add	7,819.88	
			For Automatic Roll Filter, Add	8,482.41	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,844.72	
			For Electric Heating Coil, Add	6,494.83	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,494.83	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,832.30	
			For Steam Heating Coil, Aluminum Fins, Add	5,169.77	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,241.20	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,819.88	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,157.35	
			For Hot Water Heating Coil, Copper Fins, Add	5,169.77	
			For Variable Air Volume, Add	1,855.07	
			For Economizer, Panel, Controls And Damper(s), Add	2,776.26	
			For 2 Coils, Independent Circuits, Add	2,122.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0028	EA		12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	19,423.35 1,646.22 3,114.77 4,642.55 8,017.81 8,692.87 3,967.49 6,667.71 6,667.71 5,992.65 5,317.60 4,346.43 8,017.81 7,342.76 5,317.60 1,890.15 2,956.69 2,212.36	4,146.45
23 73 13 00-0029	EA		13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	20,442.49 1,737.54 3,291.06 4,905.92 8,483.00 9,198.42 4,190.50 7,052.17 7,052.17 6,336.75 5,621.33 4,599.21 8,483.00 7,767.59 5,621.33 2,003.17 2,626.83 2,330.42	4,313.01
23 73 13 00-0030	EA		15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	21,520.55 1,831.81 3,471.47 5,175.18 8,954.08 9,709.87 4,419.40 7,442.52 7,442.52 6,686.74 5,930.96 4,854.93 8,954.08 8,198.30 5,930.96 2,116.19 2,680.99 2,454.37	4,480.03
23 73 13 00-0031	EA		16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	22,655.25 1,934.48 3,670.32 5,472.38 9,480.94 10,282.65 4,670.66 7,877.51 7,877.51 7,075.80 6,274.09 5,141.33 9,480.94 8,679.23 6,274.09 2,244.80 2,724.20 2,586.21	4,652.34
23 73 13 00-0032	EA		17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	23,842.59 2,039.77 3,872.86 5,774.84 10,013.06 10,860.70 4,927.19 8,317.77 8,317.77 7,470.12 6,622.48 5,430.35 10,013.06 9,165.41 6,622.48 2,373.40 2,777.94 2,723.32	4,824.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwing Filters, Add</i> <i>For Medium Capacity Filter Box And Throwing Filters, Add</i> <i>For Combination Filter Mixing Box And Throwing Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	26,545.86 2,284.89 4,347.97 7,442.59 10,698.43 11,273.00 4,569.79 4,952.83 8,400.19 7,442.59 6,484.99 5,157.70 10,315.39 9,357.79 7,442.59 2,681.28 3,028.92 3,037.63	5,172.58
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwing Filters, Add</i> <i>For Medium Capacity Filter Box And Throwing Filters, Add</i> <i>For Combination Filter Mixing Box And Throwing Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	29,427.28 2,543.10 4,846.42 8,301.40 11,945.29 12,588.33 5,086.20 5,514.89 9,373.13 8,301.40 7,229.66 5,758.30 11,516.60 10,444.87 8,301.40 3,000.86 3,133.71 3,371.42	5,574.63
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwing Filters, Add</i> <i>For Medium Capacity Filter Box And Throwing Filters, Add</i> <i>For Combination Filter Mixing Box And Throwing Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	32,562.91 2,829.32 5,402.46 9,262.18 13,346.18 14,066.88 5,658.65 6,139.12 10,463.35 9,262.18 8,061.00 6,432.85 12,865.71 11,664.53 9,262.18 3,363.30 3,229.39 3,736.76	5,973.10
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwing Filters, Add</i> <i>For Medium Capacity Filter Box And Throwing Filters, Add</i> <i>For Combination Filter Mixing Box And Throwing Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	39,918.61 3,532.55 6,789.50 11,674.94 16,899.44 17,821.41 7,065.09 7,679.74 13,211.56 11,674.94 10,138.33 8,142.39 16,284.79 14,748.17 11,674.94 4,302.52 3,342.60 4,606.51	6,432.87
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwing Filters, Add</i> <i>For Medium Capacity Filter Box And Throwing Filters, Add</i> <i>For Combination Filter Mixing Box And Throwing Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	44,542.41 3,964.16 7,634.28 13,139.46 19,045.41 20,087.64 7,928.33 8,623.15 14,876.51 13,139.46 11,402.42 9,175.30 18,350.59 16,613.55 13,139.46 4,863.72 3,235.23 5,149.06	6,866.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	48,777.89	7,393.83
23 73	13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	53,504.72	8,186.77
23 73	13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	57,563.21	8,516.52
23 73	13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	62,080.10	9,110.59
23 73	13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	66,999.66	9,836.89

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0043	EA		47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	69,803.05 6,246.04 12,051.52 20,759.74 30,129.76 31,783.29 12,492.08 13,594.43 23,515.63 20,759.74 18,003.85 14,513.70 29,027.40 26,271.51 20,759.74 7,716.48 3,665.66 8,062.66	10,298.93
23 73 13 00-0044	EA		50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	72,444.17 6,481.09 12,504.19 21,538.84 31,259.05 32,974.38 12,962.19 14,105.74 24,397.73 21,538.84 18,679.96 15,057.75 30,115.50 27,256.61 21,538.84 8,004.88 3,738.31 8,387.97	10,695.04
23 73 13 00-0045	EA		55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	78,094.19 6,993.25 13,496.80 23,252.13 33,753.18 35,606.30 13,986.50 15,221.92 26,340.67 23,252.13 20,163.59 16,258.88 32,517.76 29,429.22 23,252.13 8,647.92 3,870.42 9,044.84	11,421.25
23 73 13 00-0046	EA		60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	85,388.15 7,665.55 14,807.14 25,519.54 37,066.42 39,104.11 15,331.10 16,689.56 28,915.68 25,519.54 22,123.39 17,853.98 35,707.97 32,311.82 25,519.54 9,509.20 3,646.53 9,897.27	12,213.47
23 73 13 00-0047	EA		65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	93,577.67 8,414.64 16,263.41 28,036.56 40,738.14 42,979.59 16,829.28 18,323.59 31,772.32 28,036.56 24,300.80 19,621.92 39,243.84 35,508.08 28,036.56 10,460.12 3,786.25 10,852.07	13,203.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0048 EA 70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	102,706.07	14,326.08
For Flat Filter Box And Throwaway Filters, Add	9,245.47	
For Medium Capacity Filter Box And Throwaway Filters, Add	17,875.86	
For Combination Filter Mixing Box And Throwaway Filters, Add	30,821.45	
For Manual Roll Filter, Add	44,796.03	
For Automatic Roll Filter, Add	47,262.13	
For Hot Water Heating Coil, Aluminum Fins, Add	18,490.95	
For Electric Heating Coil, Add	20,135.01	
For Chilled Water Cooling Coil, Aluminum Fins, Add	34,931.62	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	30,821.45	
For Steam Heating Coil, Aluminum Fins, Add	26,711.28	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	21,575.98	
For Chilled Water Cooling Coil, Copper Fins, Add	43,151.96	
For Direct Expansion Cooling Coil, Copper Fins, Add	39,041.79	
For Hot Water Heating Coil, Copper Fins, Add	30,821.45	
For Variable Air Volume, Add	11,508.47	
For Economizer, Panel, Controls And Damper(s), Add	3,950.27	
For 2 Coils, Independent Circuits, Add	11,914.67	
23 73 13 00-0049 Multi-Zone Units ^(23 73 13)		
Note: Horizontal/vertical blow-thru fan, motor and cabinet.		
23 73 13 00-0050 EA 1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,151.00	1,188.15
For Economizer, Panel, Controls And Damper(s), Add	1,827.93	
For Flat Filter Box And Throwaway Filters, Add	530.25	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,009.58	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,283.19	
For Manual Roll Filter, Add	2,619.38	
For Automatic Roll Filter, Add	2,619.38	
For Hot Water Heating Coil, Aluminum Fins, Add	615.10	
For Electric Heating Coil, Add	704.18	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,173.99	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,173.99	
For Chilled Water Cooling Coil, Copper Fins, Add	2,619.38	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,619.38	
For 2 Coils, Independent Circuits, Add	704.18	
23 73 13 00-0051 EA 1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,666.16	1,488.54
For Economizer, Panel, Controls And Damper(s), Add	2,128.59	
For Flat Filter Box And Throwaway Filters, Add	660.29	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,256.78	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,597.56	
For Manual Roll Filter, Add	3,259.44	
For Automatic Roll Filter, Add	3,259.44	
For Hot Water Heating Coil, Aluminum Fins, Add	766.62	
For Electric Heating Coil, Add	877.41	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,705.48	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,705.48	
For Chilled Water Cooling Coil, Copper Fins, Add	3,259.44	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,259.44	
For 2 Coils, Independent Circuits, Add	877.41	
23 73 13 00-0052 EA 1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,445.06	1,584.26
For Economizer, Panel, Controls And Damper(s), Add	2,224.14	
For Flat Filter Box And Throwaway Filters, Add	831.35	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,594.82	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,021.81	
For Manual Roll Filter, Add	4,176.41	
For Automatic Roll Filter, Add	4,176.41	
For Hot Water Heating Coil, Aluminum Fins, Add	944.51	
For Electric Heating Coil, Add	1,088.15	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,458.21	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,458.21	
For Chilled Water Cooling Coil, Copper Fins, Add	4,176.41	
For Direct Expansion Cooling Coil, Copper Fins, Add	4,176.41	
For 2 Coils, Independent Circuits, Add	1,088.15	
23 73 13 00-0053 EA 2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,827.64	1,696.49
For Economizer, Panel, Controls And Damper(s), Add	2,336.05	
For Flat Filter Box And Throwaway Filters, Add	861.62	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,650.55	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,093.47	
For Manual Roll Filter, Add	4,314.88	
For Automatic Roll Filter, Add	4,314.88	
For Hot Water Heating Coil, Aluminum Fins, Add	982.76	
For Electric Heating Coil, Add	1,130.86	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,574.41	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,574.41	
For Chilled Water Cooling Coil, Copper Fins, Add	4,314.88	
For Direct Expansion Cooling Coil, Copper Fins, Add	4,314.88	
For 2 Coils, Independent Circuits, Add	1,130.86	
23 73 13 00-0054 EA 2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,478.22	1,818.63
For Economizer, Panel, Controls And Damper(s), Add	2,458.70	
For Flat Filter Box And Throwaway Filters, Add	1,017.92	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,957.89	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,479.83	
For Manual Roll Filter, Add	5,143.86	
For Automatic Roll Filter, Add	5,143.86	
For Hot Water Heating Coil, Aluminum Fins, Add	1,147.82	
For Electric Heating Coil, Add	1,325.42	
For Chilled Water Cooling Coil, Aluminum Fins, Add	4,255.85	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,255.85	
For Chilled Water Cooling Coil, Copper Fins, Add	5,143.86	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,143.86	
For 2 Coils, Independent Circuits, Add	1,325.42	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 73 13 00-0055	EA 3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,107.56	1,947.55
	For Economizer, Panel, Controls And Damper(s), Add	2,587.46	
	For Flat Filter Box And Throwaway Filters, Add	1,071.65	
	For Medium Capacity Filter Box And Throwaway Filters, Add	2,059.84	
	For Combination Filter Mixing Box And Throwaway Filters, Add	2,609.58	
	For Manual Roll Filter, Add	5,407.22	
	For Automatic Roll Filter, Add	5,407.22	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,210.76	
	For Electric Heating Coil, Add	1,397.27	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	4,474.67	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,474.67	
	For Chilled Water Cooling Coil, Copper Fins, Add	5,407.22	
	For Direct Expansion Cooling Coil, Copper Fins, Add	5,407.22	
	For 2 Coils, Independent Circuits, Add	1,397.27	
23 73 13 00-0056	EA 3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,769.18	2,079.50
	For Economizer, Panel, Controls And Damper(s), Add	2,719.33	
	For Flat Filter Box And Throwaway Filters, Add	1,128.39	
	For Medium Capacity Filter Box And Throwaway Filters, Add	2,167.67	
	For Combination Filter Mixing Box And Throwaway Filters, Add	2,746.72	
	For Manual Roll Filter, Add	5,686.34	
	For Automatic Roll Filter, Add	5,686.34	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,276.92	
	For Electric Heating Coil, Add	1,472.89	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	4,706.47	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,706.47	
	For Chilled Water Cooling Coil, Copper Fins, Add	5,686.34	
	For Direct Expansion Cooling Coil, Copper Fins, Add	5,686.34	
	For 2 Coils, Independent Circuits, Add	1,472.89	
23 73 13 00-0057	EA 4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,232.25	2,231.43
	For Economizer, Panel, Controls And Damper(s), Add	2,499.47	
	For Flat Filter Box And Throwaway Filters, Add	1,264.18	
	For Medium Capacity Filter Box And Throwaway Filters, Add	2,432.94	
	For Combination Filter Mixing Box And Throwaway Filters, Add	3,080.93	
	For Manual Roll Filter, Add	6,396.35	
	For Automatic Roll Filter, Add	6,396.35	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,423.23	
	For Electric Heating Coil, Add	1,644.25	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	5,291.21	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,291.21	
	For Chilled Water Cooling Coil, Copper Fins, Add	6,396.35	
	For Direct Expansion Cooling Coil, Copper Fins, Add	6,396.35	
	For 2 Coils, Independent Circuits, Add	1,644.25	
23 73 13 00-0058	EA 4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,551.07	2,389.69
	For Economizer, Panel, Controls And Damper(s), Add	2,627.72	
	For Flat Filter Box And Throwaway Filters, Add	1,384.41	
	For Medium Capacity Filter Box And Throwaway Filters, Add	2,666.39	
	For Combination Filter Mixing Box And Throwaway Filters, Add	3,375.66	
	For Manual Roll Filter, Add	7,016.78	
	For Automatic Roll Filter, Add	7,016.78	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,555.11	
	For Electric Heating Coil, Add	1,797.85	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	5,803.07	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,803.07	
	For Chilled Water Cooling Coil, Copper Fins, Add	7,016.78	
	For Direct Expansion Cooling Coil, Copper Fins, Add	7,016.78	
	For 2 Coils, Independent Circuits, Add	1,797.85	
23 73 13 00-0059	EA 5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,443.03	2,552.28
	For Economizer, Panel, Controls And Damper(s), Add	2,750.85	
	For Flat Filter Box And Throwaway Filters, Add	1,462.41	
	For Medium Capacity Filter Box And Throwaway Filters, Add	2,815.68	
	For Combination Filter Mixing Box And Throwaway Filters, Add	3,565.07	
	For Manual Roll Filter, Add	7,406.61	
	For Automatic Roll Filter, Add	7,406.61	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,644.30	
	For Electric Heating Coil, Add	1,900.41	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	6,126.10	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,126.10	
	For Chilled Water Cooling Coil, Copper Fins, Add	7,406.61	
	For Direct Expansion Cooling Coil, Copper Fins, Add	7,406.61	
	For 2 Coils, Independent Circuits, Add	1,900.41	
23 73 13 00-0060	EA 5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	18,122.04	2,726.77
	For Economizer, Panel, Controls And Damper(s), Add	2,893.47	
	For Flat Filter Box And Throwaway Filters, Add	1,617.34	
	For Medium Capacity Filter Box And Throwaway Filters, Add	3,117.77	
	For Combination Filter Mixing Box And Throwaway Filters, Add	3,945.93	
	For Manual Roll Filter, Add	8,213.38	
	For Automatic Roll Filter, Add	8,213.38	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,812.20	
	For Electric Heating Coil, Add	2,096.70	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	6,790.89	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,790.89	
	For Chilled Water Cooling Coil, Copper Fins, Add	8,213.38	
	For Direct Expansion Cooling Coil, Copper Fins, Add	8,213.38	
	For 2 Coils, Independent Circuits, Add	2,096.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0061	EA		6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,284.13	2,918.22
			For Economizer, Panel, Controls And Damper(s), Add	3,042.68	
			For Flat Filter Box And Throwaway Filters, Add	1,719.99	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,314.92	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,195.76	
			For Manual Roll Filter, Add	8,730.44	
			For Automatic Roll Filter, Add	8,730.44	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,928.41	
			For Electric Heating Coil, Add	2,230.73	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	7,218.88	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,218.88	
			For Chilled Water Cooling Coil, Copper Fins, Add	8,730.44	
			For Direct Expansion Cooling Coil, Copper Fins, Add	8,730.44	
			For 2 Coils, Independent Circuits, Add	2,230.73	
23 73 13 00-0062	EA		6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,142.22	3,168.90
			For Economizer, Panel, Controls And Damper(s), Add	3,237.86	
			For Flat Filter Box And Throwaway Filters, Add	1,888.05	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,640.40	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,607.05	
			For Manual Roll Filter, Add	9,592.70	
			For Automatic Roll Filter, Add	9,592.70	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,114.22	
			For Electric Heating Coil, Add	2,446.60	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	7,930.82	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,930.82	
			For Chilled Water Cooling Coil, Copper Fins, Add	9,592.70	
			For Direct Expansion Cooling Coil, Copper Fins, Add	9,592.70	
			For 2 Coils, Independent Circuits, Add	2,446.60	
23 73 13 00-0063	EA		7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,717.71	3,413.26
			For Economizer, Panel, Controls And Damper(s), Add	3,430.72	
			For Flat Filter Box And Throwaway Filters, Add	2,028.07	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,909.92	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,948.32	
			For Manual Roll Filter, Add	10,301.42	
			For Automatic Roll Filter, Add	10,301.42	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,271.77	
			For Electric Heating Coil, Add	2,628.64	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,517.06	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,517.06	
			For Chilled Water Cooling Coil, Copper Fins, Add	10,301.42	
			For Direct Expansion Cooling Coil, Copper Fins, Add	10,301.42	
			For 2 Coils, Independent Circuits, Add	2,628.64	
23 73 13 00-0064	EA		7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,856.79	3,690.45
			For Economizer, Panel, Controls And Damper(s), Add	3,044.60	
			For Flat Filter Box And Throwaway Filters, Add	2,122.60	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,087.36	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,174.97	
			For Manual Roll Filter, Add	10,753.56	
			For Automatic Roll Filter, Add	10,753.56	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,385.68	
			For Electric Heating Coil, Add	2,757.58	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,894.03	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,894.03	
			For Chilled Water Cooling Coil, Copper Fins, Add	10,753.56	
			For Direct Expansion Cooling Coil, Copper Fins, Add	10,753.56	
			For 2 Coils, Independent Circuits, Add	2,757.58	
23 73 13 00-0065	EA		8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,456.63	3,980.75
			For Economizer, Panel, Controls And Damper(s), Add	3,216.02	
			For Flat Filter Box And Throwaway Filters, Add	2,361.16	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,551.62	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,760.65	
			For Manual Roll Filter, Add	11,990.62	
			For Automatic Roll Filter, Add	11,990.62	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,645.66	
			For Electric Heating Coil, Add	3,060.99	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	9,913.97	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,913.97	
			For Chilled Water Cooling Coil, Copper Fins, Add	11,990.62	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,990.62	
			For 2 Coils, Independent Circuits, Add	3,060.99	
23 73 13 00-0066	EA		8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	27,875.04	4,291.03
			For Economizer, Panel, Controls And Damper(s), Add	3,393.66	
			For Flat Filter Box And Throwaway Filters, Add	2,480.80	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,777.57	
			For Combination Filter Mixing Box And Throwaway Filters, Add	6,048.64	
			For Manual Roll Filter, Add	12,570.90	
			For Automatic Roll Filter, Add	12,570.90	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,787.50	
			For Electric Heating Coil, Add	3,222.32	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	10,396.82	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,396.82	
			For Chilled Water Cooling Coil, Copper Fins, Add	12,570.90	
			For Direct Expansion Cooling Coil, Copper Fins, Add	12,570.90	
			For 2 Coils, Independent Circuits, Add	3,222.32	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 73 13 00-0067	EA 9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,444.96	4,647.72
	For Economizer, Panel, Controls And Damper(s), Add	3,587.37	
	For Flat Filter Box And Throwaway Filters, Add	2,613.58	
	For Medium Capacity Filter Box And Throwaway Filters, Add	5,028.60	
	For Combination Filter Mixing Box And Throwaway Filters, Add	6,368.48	
	For Manual Roll Filter, Add	13,216.44	
	For Automatic Roll Filter, Add	13,216.44	
	For Hot Water Heating Coil, Aluminum Fins, Add	2,944.50	
	For Electric Heating Coil, Add	3,401.03	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	10,933.79	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,933.79	
	For Chilled Water Cooling Coil, Copper Fins, Add	13,216.44	
	For Direct Expansion Cooling Coil, Copper Fins, Add	13,216.44	
	For 2 Coils, Independent Circuits, Add	3,401.03	
23 73 13 00-0068	EA 10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	31,139.93	5,017.15
	For Economizer, Panel, Controls And Damper(s), Add	3,331.62	
	For Flat Filter Box And Throwaway Filters, Add	2,755.39	
	For Medium Capacity Filter Box And Throwaway Filters, Add	5,295.62	
	For Combination Filter Mixing Box And Throwaway Filters, Add	6,709.17	
	For Manual Roll Filter, Add	13,899.53	
	For Automatic Roll Filter, Add	13,899.53	
	For Hot Water Heating Coil, Aluminum Fins, Add	3,113.99	
	For Electric Heating Coil, Add	3,593.35	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	11,502.75	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,502.75	
	For Chilled Water Cooling Coil, Copper Fins, Add	13,899.53	
	For Direct Expansion Cooling Coil, Copper Fins, Add	13,899.53	
	For 2 Coils, Independent Circuits, Add	3,593.35	
23 73 13 00-0069	EA 11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,025.18	5,208.88
	For Economizer, Panel, Controls And Damper(s), Add	3,417.64	
	For Flat Filter Box And Throwaway Filters, Add	2,829.58	
	For Medium Capacity Filter Box And Throwaway Filters, Add	5,435.39	
	For Combination Filter Mixing Box And Throwaway Filters, Add	6,887.47	
	For Manual Roll Filter, Add	14,257.38	
	For Automatic Roll Filter, Add	14,257.38	
	For Hot Water Heating Coil, Aluminum Fins, Add	3,202.52	
	For Electric Heating Coil, Add	3,693.85	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	11,800.75	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,800.75	
	For Chilled Water Cooling Coil, Copper Fins, Add	14,257.38	
	For Direct Expansion Cooling Coil, Copper Fins, Add	14,257.38	
	For 2 Coils, Independent Circuits, Add	3,693.85	
23 73 13 00-0070	EA 12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,867.35	5,394.78
	For Economizer, Panel, Controls And Damper(s), Add	3,490.74	
	For Flat Filter Box And Throwaway Filters, Add	2,901.61	
	For Medium Capacity Filter Box And Throwaway Filters, Add	5,572.15	
	For Combination Filter Mixing Box And Throwaway Filters, Add	7,061.47	
	For Manual Roll Filter, Add	14,610.93	
	For Automatic Roll Filter, Add	14,610.93	
	For Hot Water Heating Coil, Aluminum Fins, Add	3,286.74	
	For Electric Heating Coil, Add	3,790.03	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	12,094.44	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	12,094.44	
	For Chilled Water Cooling Coil, Copper Fins, Add	14,610.93	
	For Direct Expansion Cooling Coil, Copper Fins, Add	14,610.93	
	For 2 Coils, Independent Circuits, Add	3,790.03	
23 73 13 00-0071	EA 13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	37,100.08	5,611.60
	For Economizer, Panel, Controls And Damper(s), Add	3,007.60	
	For Flat Filter Box And Throwaway Filters, Add	3,308.11	
	For Medium Capacity Filter Box And Throwaway Filters, Add	6,375.08	
	For Combination Filter Mixing Box And Throwaway Filters, Add	8,069.32	
	For Manual Roll Filter, Add	16,787.94	
	For Automatic Roll Filter, Add	16,787.94	
	For Hot Water Heating Coil, Aluminum Fins, Add	3,710.01	
	For Electric Heating Coil, Add	4,291.25	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	13,881.74	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	13,881.74	
	For Chilled Water Cooling Coil, Copper Fins, Add	16,787.94	
	For Direct Expansion Cooling Coil, Copper Fins, Add	16,787.94	
	For 2 Coils, Independent Circuits, Add	4,291.25	
23 73 13 00-0072	EA 15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	41,297.34	5,833.89
	For Economizer, Panel, Controls And Damper(s), Add	3,194.16	
	For Flat Filter Box And Throwaway Filters, Add	3,712.83	
	For Medium Capacity Filter Box And Throwaway Filters, Add	7,175.52	
	For Combination Filter Mixing Box And Throwaway Filters, Add	9,073.63	
	For Manual Roll Filter, Add	18,961.42	
	For Automatic Roll Filter, Add	18,961.42	
	For Hot Water Heating Coil, Aluminum Fins, Add	4,129.73	
	For Electric Heating Coil, Add	4,788.92	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	15,665.49	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,665.49	
	For Chilled Water Cooling Coil, Copper Fins, Add	18,961.42	
	For Direct Expansion Cooling Coil, Copper Fins, Add	18,961.42	
	For 2 Coils, Independent Circuits, Add	4,788.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0073	EA		16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	47,407.07	6,053.92
			For Economizer, Panel, Controls And Damper(s), Add	3,247.65	
			For Flat Filter Box And Throwaway Filters, Add	4,308.52	
			For Medium Capacity Filter Box And Throwaway Filters, Add	8,357.73	
			For Combination Filter Mixing Box And Throwaway Filters, Add	10,555.21	
			For Manual Roll Filter, Add	22,184.22	
			For Automatic Roll Filter, Add	22,184.22	
			For Hot Water Heating Coil, Aluminum Fins, Add	4,740.71	
			For Electric Heating Coil, Add	5,515.97	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	18,307.88	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	18,307.88	
			For Chilled Water Cooling Coil, Copper Fins, Add	22,184.22	
			For Direct Expansion Cooling Coil, Copper Fins, Add	22,184.22	
			For 2 Coils, Independent Circuits, Add	5,515.97	
23 73 13 00-0074	EA		17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	53,521.15	6,271.79
			For Economizer, Panel, Controls And Damper(s), Add	3,301.90	
			For Flat Filter Box And Throwaway Filters, Add	4,904.43	
			For Medium Capacity Filter Box And Throwaway Filters, Add	9,540.25	
			For Combination Filter Mixing Box And Throwaway Filters, Add	12,037.23	
			For Manual Roll Filter, Add	25,407.46	
			For Automatic Roll Filter, Add	25,407.46	
			For Hot Water Heating Coil, Aluminum Fins, Add	5,352.12	
			For Electric Heating Coil, Add	6,243.46	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	20,950.72	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	20,950.72	
			For Chilled Water Cooling Coil, Copper Fins, Add	25,407.46	
			For Direct Expansion Cooling Coil, Copper Fins, Add	25,407.46	
			For 2 Coils, Independent Circuits, Add	6,243.46	
23 73 13 00-0075	EA		20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	60,069.41	6,799.93
			For Economizer, Panel, Controls And Damper(s), Add	3,434.57	
			For Flat Filter Box And Throwaway Filters, Add	5,521.35	
			For Medium Capacity Filter Box And Throwaway Filters, Add	8,233.47	
			For Combination Filter Mixing Box And Throwaway Filters, Add	13,560.58	
			For Manual Roll Filter, Add	21,114.22	
			For Automatic Roll Filter, Add	26,149.97	
			For Hot Water Heating Coil, Aluminum Fins, Add	6,006.94	
			For Electric Heating Coil, Add	7,014.09	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	21,114.22	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	21,114.22	
			For Steam Heating Coil, Aluminum Fins, Add	11,042.70	
			For Chilled Water Cooling Coil, Copper Fins, Add	26,149.97	
			For Direct Expansion Cooling Coil, Copper Fins, Add	26,149.97	
			For 2 Coils, Independent Circuits, Add	7,014.09	
23 73 13 00-0076	EA		22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	64,787.72	7,394.11
			For Economizer, Panel, Controls And Damper(s), Add	3,340.76	
			For Flat Filter Box And Throwaway Filters, Add	5,953.52	
			For Medium Capacity Filter Box And Throwaway Filters, Add	8,877.75	
			For Combination Filter Mixing Box And Throwaway Filters, Add	14,621.17	
			For Manual Roll Filter, Add	22,763.56	
			For Automatic Roll Filter, Add	28,191.82	
			For Hot Water Heating Coil, Aluminum Fins, Add	6,478.77	
			For Electric Heating Coil, Add	7,564.42	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	22,763.56	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	22,763.56	
			For Steam Heating Coil, Aluminum Fins, Add	11,907.04	
			For Chilled Water Cooling Coil, Copper Fins, Add	28,191.82	
			For Direct Expansion Cooling Coil, Copper Fins, Add	28,191.82	
			For 2 Coils, Independent Circuits, Add	7,564.42	
23 73 13 00-0077	EA		25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	77,216.05	7,987.99
			For Economizer, Panel, Controls And Damper(s), Add	3,476.32	
			For Flat Filter Box And Throwaway Filters, Add	7,151.17	
			For Medium Capacity Filter Box And Throwaway Filters, Add	10,669.70	
			For Combination Filter Mixing Box And Throwaway Filters, Add	17,592.69	
			For Manual Roll Filter, Add	27,463.78	
			For Automatic Roll Filter, Add	34,044.51	
			For Hot Water Heating Coil, Aluminum Fins, Add	7,721.61	
			For Electric Heating Coil, Add	9,037.75	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	27,463.78	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	27,463.78	
			For Steam Heating Coil, Aluminum Fins, Add	14,302.33	
			For Chilled Water Cooling Coil, Copper Fins, Add	34,044.51	
			For Direct Expansion Cooling Coil, Copper Fins, Add	34,044.51	
			For 2 Coils, Independent Circuits, Add	9,037.75	
23 73 13 00-0078	EA		27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	87,247.43	8,648.46
			For Economizer, Panel, Controls And Damper(s), Add	3,615.61	
			For Flat Filter Box And Throwaway Filters, Add	8,107.87	
			For Medium Capacity Filter Box And Throwaway Filters, Add	12,100.12	
			For Combination Filter Mixing Box And Throwaway Filters, Add	19,961.25	
			For Manual Roll Filter, Add	31,197.75	
			For Automatic Roll Filter, Add	38,688.76	
			For Hot Water Heating Coil, Aluminum Fins, Add	8,724.74	
			For Electric Heating Coil, Add	10,222.94	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	31,197.75	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	31,197.75	
			For Steam Heating Coil, Aluminum Fins, Add	16,215.75	
			For Chilled Water Cooling Coil, Copper Fins, Add	38,688.76	
			For Direct Expansion Cooling Coil, Copper Fins, Add	38,688.76	
			For 2 Coils, Independent Circuits, Add	10,222.94	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	94,561.21		9,308.93
		For Economizer, Panel, Controls And Damper(s), Add	3,760.64		
		For Flat Filter Box And Throwaway Filters, Add	8,790.91		
		For Medium Capacity Filter Box And Throwaway Filters, Add	13,119.84		
		For Combination Filter Mixing Box And Throwaway Filters, Add	21,644.66		
		For Manual Roll Filter, Add	33,833.20		
		For Automatic Roll Filter, Add	41,958.89		
		For Hot Water Heating Coil, Aluminum Fins, Add	9,456.12		
		For Electric Heating Coil, Add	11,081.26		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	33,833.20		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	33,833.20		
		For Steam Heating Coil, Aluminum Fins, Add	17,581.81		
		For Chilled Water Cooling Coil, Copper Fins, Add	41,958.89		
		For Direct Expansion Cooling Coil, Copper Fins, Add	41,958.89		
		For 2 Coils, Independent Circuits, Add	11,081.26		
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	105,738.68		10,892.81
		For Economizer, Panel, Controls And Damper(s), Add	3,773.25		
		For Flat Filter Box And Throwaway Filters, Add	9,796.57		
		For Medium Capacity Filter Box And Throwaway Filters, Add	14,617.12		
		For Combination Filter Mixing Box And Throwaway Filters, Add	24,102.77		
		For Manual Roll Filter, Add	37,631.67		
		For Automatic Roll Filter, Add	46,650.94		
		For Hot Water Heating Coil, Aluminum Fins, Add	10,573.87		
		For Electric Heating Coil, Add	12,377.72		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	37,631.67		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	37,631.67		
		For Steam Heating Coil, Aluminum Fins, Add	19,593.14		
		For Chilled Water Cooling Coil, Copper Fins, Add	46,650.94		
		For Direct Expansion Cooling Coil, Copper Fins, Add	46,650.94		
		For 2 Coils, Independent Circuits, Add	12,377.72		
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	106,320.12		11,289.21
		For Economizer, Panel, Controls And Damper(s), Add	3,845.93		
		For Flat Filter Box And Throwaway Filters, Add	9,825.64		
		For Medium Capacity Filter Box And Throwaway Filters, Add	14,657.82		
		For Combination Filter Mixing Box And Throwaway Filters, Add	24,160.91		
		For Manual Roll Filter, Add	37,689.81		
		For Automatic Roll Filter, Add	46,709.08		
		For Hot Water Heating Coil, Aluminum Fins, Add	10,632.01		
		For Electric Heating Coil, Add	12,435.87		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	37,689.81		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	37,689.81		
		For Steam Heating Coil, Aluminum Fins, Add	19,651.28		
		For Chilled Water Cooling Coil, Copper Fins, Add	46,709.08		
		For Direct Expansion Cooling Coil, Copper Fins, Add	46,709.08		
		For 2 Coils, Independent Circuits, Add	12,435.87		
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	111,188.49		11,684.95
		For Economizer, Panel, Controls And Damper(s), Add	3,918.61		
		For Flat Filter Box And Throwaway Filters, Add	10,283.41		
		For Medium Capacity Filter Box And Throwaway Filters, Add	15,341.56		
		For Combination Filter Mixing Box And Throwaway Filters, Add	25,290.79		
		For Manual Roll Filter, Add	39,462.73		
		For Automatic Roll Filter, Add	48,910.69		
		For Hot Water Heating Coil, Aluminum Fins, Add	11,118.85		
		For Electric Heating Coil, Add	13,008.44		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	39,462.73		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	39,462.73		
		For Steam Heating Coil, Aluminum Fins, Add	20,566.81		
		For Chilled Water Cooling Coil, Copper Fins, Add	48,910.69		
		For Direct Expansion Cooling Coil, Copper Fins, Add	48,910.69		
		For 2 Coils, Independent Circuits, Add	13,008.44		
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	116,367.75		12,543.57
		For Economizer, Panel, Controls And Damper(s), Add	4,068.43		
		For Flat Filter Box And Throwaway Filters, Add	10,741.40		
		For Medium Capacity Filter Box And Throwaway Filters, Add	16,022.57		
		For Combination Filter Mixing Box And Throwaway Filters, Add	26,405.83		
		For Manual Roll Filter, Add	41,174.88		
		For Automatic Roll Filter, Add	51,020.91		
		For Hot Water Heating Coil, Aluminum Fins, Add	11,636.78		
		For Electric Heating Coil, Add	13,605.98		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	41,174.88		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	41,174.88		
		For Steam Heating Coil, Aluminum Fins, Add	21,482.81		
		For Chilled Water Cooling Coil, Copper Fins, Add	51,020.91		
		For Direct Expansion Cooling Coil, Copper Fins, Add	51,020.91		
		For 2 Coils, Independent Circuits, Add	13,605.98		
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	125,367.85		13,203.76
		For Economizer, Panel, Controls And Damper(s), Add	4,177.38		
		For Flat Filter Box And Throwaway Filters, Add	11,597.83		
		For Medium Capacity Filter Box And Throwaway Filters, Add	17,302.85		
		For Combination Filter Mixing Box And Throwaway Filters, Add	28,525.11		
		For Manual Roll Filter, Add	44,513.43		
		For Automatic Roll Filter, Add	55,172.31		
		For Hot Water Heating Coil, Aluminum Fins, Add	12,536.79		
		For Electric Heating Coil, Add	14,668.56		
		For Chilled Water Cooling Coil, Aluminum Fins, Add	44,513.43		
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	44,513.43		
		For Steam Heating Coil, Aluminum Fins, Add	23,195.67		
		For Chilled Water Cooling Coil, Copper Fins, Add	55,172.31		
		For Direct Expansion Cooling Coil, Copper Fins, Add	55,172.31		
		For 2 Coils, Independent Circuits, Add	14,668.56		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0085	EA		50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	134,753.87	13,929.97
			For Economizer, Panel, Controls And Damper(s), Add	3,892.52	
			For Flat Filter Box And Throwaway Filters, Add	12,479.13	
			For Medium Capacity Filter Box And Throwaway Filters, Add	18,619.06	
			For Combination Filter Mixing Box And Throwaway Filters, Add	30,699.68	
			For Manual Roll Filter, Add	47,923.98	
			For Automatic Roll Filter, Add	59,406.84	
			For Hot Water Heating Coil, Aluminum Fins, Add	13,475.39	
			For Electric Heating Coil, Add	15,771.96	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	47,923.98	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	47,923.98	
			For Steam Heating Coil, Aluminum Fins, Add	24,958.25	
			For Chilled Water Cooling Coil, Copper Fins, Add	59,406.84	
			For Direct Expansion Cooling Coil, Copper Fins, Add	59,406.84	
			For 2 Coils, Independent Circuits, Add	15,771.96	
23 73 13 00-0086	EA		55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	145,129.71	14,788.21
			For Economizer, Panel, Controls And Damper(s), Add	4,011.48	
			For Flat Filter Box And Throwaway Filters, Add	13,457.23	
			For Medium Capacity Filter Box And Throwaway Filters, Add	20,080.27	
			For Combination Filter Mixing Box And Throwaway Filters, Add	33,115.21	
			For Manual Roll Filter, Add	51,717.45	
			For Automatic Roll Filter, Add	64,118.94	
			For Hot Water Heating Coil, Aluminum Fins, Add	14,512.97	
			For Electric Heating Coil, Add	16,993.27	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	51,717.45	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	51,717.45	
			For Steam Heating Coil, Aluminum Fins, Add	26,914.46	
			For Chilled Water Cooling Coil, Copper Fins, Add	64,118.94	
			For Direct Expansion Cooling Coil, Copper Fins, Add	64,118.94	
			For 2 Coils, Independent Circuits, Add	16,993.27	
23 73 13 00-0087	EA		60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	155,606.23	15,184.32
			For Economizer, Panel, Controls And Damper(s), Add	4,065.34	
			For Flat Filter Box And Throwaway Filters, Add	14,477.95	
			For Medium Capacity Filter Box And Throwaway Filters, Add	21,608.66	
			For Combination Filter Mixing Box And Throwaway Filters, Add	35,653.55	
			For Manual Roll Filter, Add	55,746.47	
			For Automatic Roll Filter, Add	69,141.75	
			For Hot Water Heating Coil, Aluminum Fins, Add	15,560.62	
			For Electric Heating Coil, Add	18,239.68	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	55,746.47	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	55,746.47	
			For Steam Heating Coil, Aluminum Fins, Add	28,955.91	
			For Chilled Water Cooling Coil, Copper Fins, Add	69,141.75	
			For Direct Expansion Cooling Coil, Copper Fins, Add	69,141.75	
			For 2 Coils, Independent Circuits, Add	18,239.68	
23 73 13 00-0088			Return/Supply Air Fan <small>(23 73 13)</small>		
			Note: Includes vibration mounts.		
23 73 13 00-0089	EA		300 CFM Return Air Fan.....	2,660.58	528.05
23 73 13 00-0090	EA		500 CFM Return Air Fan.....	3,445.01	633.68
23 73 13 00-0091	EA		750 CFM Return Air Fan.....	3,598.25	660.09
23 73 13 00-0092	EA		1,000 CFM Return Air Fan.....	4,101.92	699.71
23 73 13 00-0093	EA		1,250 CFM Return Air Fan.....	4,227.94	732.71
23 73 13 00-0094	EA		1,500 CFM Return Air Fan.....	4,327.55	765.72
23 73 13 00-0095	EA		1,750 CFM Return Air Fan.....	4,542.00	805.34
23 73 13 00-0096	EA		2,000 CFM Return Air Fan.....	5,045.65	844.94
23 73 13 00-0097	EA		2,250 CFM Return Air Fan.....	5,286.30	884.56
23 73 13 00-0098	EA		2,500 CFM Return Air Fan.....	5,421.80	924.17
23 73 13 00-0099	EA		3,000 CFM Return Air Fan.....	5,747.03	1,023.20
23 73 13 00-0100	EA		3,500 CFM Return Air Fan.....	5,901.55	1,076.02
23 73 13 00-0101	EA		4,000 CFM Return Air Fan.....	6,046.40	1,122.23
23 73 13 00-0102	EA		4,500 CFM Return Air Fan.....	6,227.21	1,175.14
23 73 13 00-0103	EA		5,000 CFM Return Air Fan.....	6,390.85	1,234.55
23 73 13 00-0104	EA		5,500 CFM Return Air Fan.....	6,703.34	1,379.79
23 73 13 00-0105	EA		6,000 CFM Return Air Fan.....	7,623.25	1,637.27
23 73 13 00-0106	EA		6,500 CFM Return Air Fan.....	7,819.31	1,663.68
23 73 13 00-0107	EA		7,000 CFM Return Air Fan.....	7,907.20	1,670.27
23 73 13 00-0108	EA		8,000 CFM Return Air Fan.....	8,313.60	1,696.68
23 73 13 00-0109	EA		9,000 CFM Return Air Fan.....	8,496.54	1,716.49
23 73 13 00-0110	EA		10,000 CFM Return Air Fan.....	8,935.92	1,782.79
23 73 13 00-0111	EA		12,500 CFM Return Air Fan.....	9,507.24	1,815.42
23 73 13 00-0112	EA		15,000 CFM Return Air Fan.....	10,712.93	1,867.01
23 73 13 00-0113	EA		17,500 CFM Return Air Fan.....	11,671.09	1,967.26
23 73 13 00-0114	EA		20,000 CFM Return Air Fan.....	13,844.17	2,052.90
23 73 13 00-0115	EA		22,500 CFM Return Air Fan.....	14,505.10	2,124.48
23 73 13 00-0116	EA		25,000 CFM Return Air Fan.....	15,158.92	2,185.22
23 73 13 00-0117	EA		27,500 CFM Return Air Fan.....	16,078.51	2,403.08
23 73 13 00-0118	EA		30,000 CFM Return Air Fan.....	17,186.46	2,534.93
23 73 13 00-0119	EA		35,000 CFM Return Air Fan.....	19,362.90	2,640.47
23 73 13 00-0120	EA		40,000 CFM Return Air Fan.....	22,790.30	2,904.54
23 73 13 00-0121	EA		45,000 CFM Return Air Fan.....	28,009.22	3,300.66
23 73 13 00-0122	EA		50,000 CFM Return Air Fan.....	34,016.79	3,419.78
23 73 13 00-0123	EA		55,000 CFM Return Air Fan.....	35,599.42	3,518.52
23 73 13 00-0124	EA		60,000 CFM Return Air Fan.....	36,420.42	3,610.94
23 73 13 00-0125	EA		65,000 CFM Return Air Fan.....	38,192.43	3,769.29
23 73 13 00-0126	EA		70,000 CFM Return Air Fan.....	40,114.60	3,954.90
23 73 13 00-0127	EA		75,000 CFM Return Air Fan.....	43,132.99	4,148.91
23 73 13 00-0128	EA		80,000 CFM Return Air Fan.....	45,050.98	4,368.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0129	EA	90,000 CFM Return Air Fan.....	46,530.91	4,617.64
23 73 13 00-0130	EA	100,000 CFM Return Air Fan.....	50,013.52	4,828.99
23 73 13 00-0131	EA	115,000 CFM Return Air Fan.....	53,787.90	5,059.96
23 73 13 00-0132	EA	130,000 CFM Return Air Fan.....	57,884.72	5,314.89
23 73 13 00-0133	EA	150,000 CFM Return Air Fan.....	63,308.29	5,598.02

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit ^(23 74 13)

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit.....	2,418.27	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit.....	3,280.43	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit.....	4,080.83	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit.....	7,445.73	

23 74 Packaged Outdoor HVAC Equipment ^(23 70)**23 74 16 Packaged Rooftop Air-Conditioning Units** ^(23 74)**23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units** ^(23 74 16)**23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units** ^(23 74 16 13)

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Minimum 11.0 EER. Includes roof curb and economizer with enthalpy control. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	4,667.20	1,574.96
		<i>For Unit Without Heat, Deduct</i>	-338.36	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	6,045.75	1,646.55
		<i>For Unit Without Heat, Deduct</i>	-412.06	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	7,057.85	1,718.14
		<i>For Unit Without Heat, Deduct</i>	-467.44	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	8,392.78	1,825.52
		<i>For Unit Without Heat, Deduct</i>	-541.34	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	9,139.71	1,932.91
		<i>For Unit Without Heat, Deduct</i>	-585.85	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	10,236.24	2,076.08
		<i>For Unit Without Heat, Deduct</i>	-650.22	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	10,983.17	2,183.47
		<i>For Unit Without Heat, Deduct</i>	-694.72	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	12,079.70	2,326.65
		<i>For Unit Without Heat, Deduct</i>	-759.10	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	14,614.01	2,514.21
		<i>For Unit Without Heat, Deduct</i>	-898.34	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	17,148.32	2,702.49
		<i>For Unit Without Heat, Deduct</i>	-1,037.58	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	19,603.89	2,890.29
		<i>For Unit Without Heat, Deduct</i>	-1,172.89	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	22,059.45	3,078.33
		<i>For Unit Without Heat, Deduct</i>	-1,308.20	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	24,734.54	3,391.42
		<i>For Unit Without Heat, Deduct</i>	-1,462.83	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	27,409.65	3,704.74
		<i>For Unit Without Heat, Deduct</i>	-1,617.47	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	30,184.98	4,053.86
		<i>For Unit Without Heat, Deduct</i>	-1,779.50	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	32,960.31	4,402.73
		<i>For Unit Without Heat, Deduct</i>	-1,941.53	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	38,401.19	5,136.52
		<i>For Unit Without Heat, Deduct</i>	-2,262.49	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	43,842.08	5,870.31
		<i>For Unit Without Heat, Deduct</i>	-2,583.46	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	48,204.33	6,621.99
		<i>For Unit Without Heat, Deduct</i>	-2,851.68	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	52,566.58	7,373.68
		<i>For Unit Without Heat, Deduct</i>	-3,119.91	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	57,878.60	8,089.58
		<i>For Unit Without Heat, Deduct</i>	-3,433.24	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	63,190.62	8,805.46
		<i>For Unit Without Heat, Deduct</i>	-3,746.56	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	68,345.14	9,521.36
		<i>For Unit Without Heat, Deduct</i>	-4,052.01	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	73,499.66	10,237.25
		<i>For Unit Without Heat, Deduct</i>	-4,357.47	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	78,749.63	11,024.73
		<i>For Unit Without Heat, Deduct</i>	-4,672.46	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units ^(23 74 16 13)

Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 11.2 EER, >11 to 20 tons have 11 EER, >20 to 63 tons have 10 EER and >63 tons have 9.7 EER. Includes roof curb and economizer with enthalpy control. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,597.04	1,431.78
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-134.40	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-53.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0029	EA		3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	5,240.40 -152.25 -60.90	1,646.55
23 74 16 13-0030	EA		4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	6,466.98 -196.88 -78.75	1,897.12
23 74 16 13-0031	EA		5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	7,419.14 -234.94 -93.98	2,040.29
23 74 16 13-0032	EA		6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	8,316.41 -269.06 -107.63	2,201.37
23 74 16 13-0033	EA		7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	9,089.58 -300.56 -120.23	2,308.75
23 74 16 13-0034	EA		8.5 Ton Electric Cooling, 170 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	10,876.96 -378.00 -151.20	1,915.01
23 74 16 13-0035	EA		10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	13,595.03 -507.94 -203.18	2,577.21
23 74 16 13-0036	EA		12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	14,852.64 -556.50 -222.60	2,791.98
23 74 16 13-0037	EA		15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	17,973.99 -698.25 -279.30	3,006.74
23 74 16 13-0038	EA		17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	18,995.35 -735.00 -294.00	3,221.51
23 74 16 13-0039	EA		20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	29,151.71 -1,228.50 -491.40	3,436.28
23 74 16 13-0040	EA		22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	35,613.97 -1,527.75 -611.10	3,794.22
23 74 16 13-0041	EA		25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	42,076.23 -1,827.00 -730.80	4,104.45
23 74 16 13-0042	EA		27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	43,340.99 -1,866.38 -746.55	4,510.12
23 74 16 13-0043	EA		30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	44,605.75 -1,905.75 -762.30	4,868.06
23 74 16 13-0044	EA		35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	49,955.95 -2,118.38 -847.35	5,691.34
23 74 16 13-0045	EA		40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	55,306.15 -2,331.00 -932.40	6,514.62
23 74 16 13-0046	EA		45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	59,606.35 -2,491.13 -996.45	7,337.89
23 74 16 13-0047	EA		50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	63,906.55 -2,651.25 -1,060.50	8,161.16
23 74 16 13-0048	EA		55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	69,991.75 -2,900.63 -1,160.25	8,984.44
23 74 16 13-0049	EA		60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	76,076.95 -3,150.00 -1,260.00	9,807.71
23 74 16 13-0050	EA		65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	81,482.05 -3,392.81 -1,357.13	10,219.35
23 74 16 13-0051	EA		70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	86,863.29 -3,635.63 -1,454.25	10,613.09
23 74 16 13-0052	EA		75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	92,268.38 -3,878.44 -1,551.38	11,024.73
23 74 16 13-0053	EA		80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	97,697.35 -4,121.25 -1,648.50	11,454.26
23 74 16 13-0054	EA		90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	132,920.02 -5,748.75 -2,299.50	13,458.75
23 74 16 13-0055	EA		100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i>	153,108.56 -6,562.50 -2,625.00	16,393.91

23 74 16 13-0056
AAON Rooftop Units (23 74 16 13)

Note: The minimum EER for units 5 to 10 tons is 11.2, >10 to 20 tons is 11.0, and >20 is 10.0. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 74 16 13-0057	AAON RQ Rooftop Units <small>(23 74 16 13-0056)</small>		
	Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.		
23 74 16 13-0058	EA 2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)	9,798.28	1,431.78
	For Factory Installed And Wired Dry Bulb Economizer, Add	998.96	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,083.81	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	853.28	
	For Factory Installed Non-Fused Disconnect, Add	976.55	
	For Factory Installed Exhaust Fan, Add	4,978.80	
	For Hot Water Coil In Lieu Of Gas Heat, Add	1,162.25	
23 74 16 13-0059	EA 3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)	10,708.99	1,646.55
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,071.00	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,162.25	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	914.11	
	For Factory Installed Non-Fused Disconnect, Add	1,046.99	
	For Factory Installed Exhaust Fan, Add	4,978.80	
	For Hot Water Coil In Lieu Of Gas Heat, Add	1,162.25	
23 74 16 13-0060	EA 4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	11,185.55	1,897.12
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,071.00	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,162.25	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	914.11	
	For Factory Installed Non-Fused Disconnect, Add	1,046.99	
	For Factory Installed Exhaust Fan, Add	4,978.80	
	For Hot Water Coil In Lieu Of Gas Heat, Add	1,162.25	
23 74 16 13-0061	EA 5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	11,502.93	2,040.29
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,071.00	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,162.25	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	914.11	
	For Factory Installed Non-Fused Disconnect, Add	1,046.99	
	For Factory Installed Exhaust Fan, Add	4,978.80	
	For Hot Water Coil In Lieu Of Gas Heat, Add	1,162.25	
23 74 16 13-0062	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	12,574.18	2,487.78
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,071.00	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,162.25	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	914.11	
	For Factory Installed Non-Fused Disconnect, Add	1,046.99	
	For Factory Installed Exhaust Fan, Add	4,978.80	
	For Hot Water Coil In Lieu Of Gas Heat, Add	1,162.25	
23 74 16 13-0063	AAON RNA Rooftop Units <small>(23 74 16 13-0056)</small>		
	Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.		
23 74 16 13-0064	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	15,073.18	2,201.41
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,042.19	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,600.90	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	1,067.80	
	For Factory Installed Non-Fused Disconnect, Add	986.15	
	For Factory Installed Exhaust Fan, Add	2,659.09	
	For Hot Water Coil In Lieu Of Gas Heat, Add	906.11	
23 74 16 13-0065	EA 7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	16,079.24	2,308.80
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,042.19	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,600.90	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	1,067.80	
	For Factory Installed Non-Fused Disconnect, Add	986.15	
	For Factory Installed Exhaust Fan, Add	2,659.09	
	For Hot Water Coil In Lieu Of Gas Heat, Add	906.11	
23 74 16 13-0066	EA 8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	18,411.85	2,487.78
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,042.19	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,600.90	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	1,067.80	
	For Factory Installed Non-Fused Disconnect, Add	986.15	
	For Factory Installed Exhaust Fan, Add	2,659.09	
	For Hot Water Coil In Lieu Of Gas Heat, Add	906.11	
23 74 16 13-0067	EA 10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	18,616.01	2,577.21
	For Factory Installed And Wired Dry Bulb Economizer, Add	1,042.19	
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,600.90	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	1,067.80	
	For Factory Installed Non-Fused Disconnect, Add	986.15	
	For Factory Installed Exhaust Fan, Add	2,659.09	
	For Hot Water Coil In Lieu Of Gas Heat, Add	906.11	
23 74 16 13-0068	AAON RNB Rooftop Units <small>(23 74 16 13-0056)</small>		
	Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.		
23 74 16 13-0069	EA 9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	21,937.88	2,577.21
	For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	1,535.26	
	For Factory Authorized Start Up, 4 Hour, One Trip, Add	1,200.68	
	For Factory Installed Non-Fused Disconnect, Add	952.54	
	For Factory Installed Exhaust Fan, Add	2,535.83	
	For Hot Water Coil In Lieu Of Gas Heat, Add	910.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0070	EA		11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	22,077.75 1,535.26 1,200.68 952.54 2,535.83 910.91	2,505.62
23 74 16 13-0071	EA		13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	24,089.29 1,535.26 1,200.68 952.54 2,535.83 910.91	2,791.98
23 74 16 13-0072	EA		15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	24,747.05 1,535.26 1,200.68 952.54 2,535.83 910.91	3,006.74
23 74 16 13-0073			AAON RNC Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0074	EA		16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	31,618.11 2,266.87 1,600.90 952.54 4,650.61 414.63	3,006.74
23 74 16 13-0075	EA		18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	34,148.93 2,266.87 1,600.90 952.54 4,650.61 414.63	3,221.51
23 74 16 13-0076	EA		20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	36,191.48 2,266.87 1,600.90 952.54 4,650.61 414.63	3,436.28
23 74 16 13-0077	EA		25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	39,286.40 2,266.87 1,600.90 952.54 4,650.61 414.63	4,152.17
23 74 16 13-0078	EA		30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030) <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	44,603.38 2,266.87 1,600.90 952.54 4,650.61 414.63	4,868.06
23 74 16 13-0079			AAON RND Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0080	EA		26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	59,020.70 2,001.12 2,167.62 3,041.71	4,152.17
23 74 16 13-0081	EA		31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	67,292.93 2,001.12 2,167.62 3,041.71	4,868.06
23 74 16 13-0082	EA		40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	79,524.37 2,001.12 2,167.62 3,041.71	6,514.62
23 74 16 13-0083	EA		50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	93,422.35 2,001.12 2,167.62 3,041.71	8,161.16
23 74 16 13-0084	EA		60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	102,877.83 2,001.12 2,167.62 3,041.71	9,807.71
23 74 16 13-0085	EA		70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	108,349.35 2,001.12 2,167.62 3,041.71	10,613.14

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 74 16 13-0086		AAON RNE Rooftop Units <small>(23 74 16 13-0086)</small>		
Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.				
23 74 16 13-0087	EA	55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)	99,801.42	8,984.44
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0088	EA	65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)	110,036.80	10,219.39
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0089	EA	75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)	117,048.37	11,024.73
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0090	EA	95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)	142,156.11	14,926.34
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0091	EA	105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)	154,252.37	17,038.22
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0092	EA	120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)	179,522.54	18,756.35
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0093	EA	130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)	184,134.70	19,901.78
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	
23 74 16 13-0094	EA	140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)	193,430.47	22,264.24
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	2,260.47	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	3,246.63	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	4,322.43	

23 74 16 13-0095		Heating Only Packaged Rooftop Units <small>(23 74 16 13)</small>		
Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.				
23 74 16 13-0096	EA	24 MBH Electric Heating Only Self Contained Package Rooftop Unit	4,482.88	1,288.60
		<i>For Gas Heat, Add</i>	279.44	
23 74 16 13-0097	EA	32 MBH Electric Heating Only Self Contained Package Rooftop Unit	5,251.67	1,481.90
		<i>For Gas Heat, Add</i>	328.10	
23 74 16 13-0098	EA	45 MBH Electric Heating Only Self Contained Package Rooftop Unit	7,035.23	1,707.45
		<i>For Gas Heat, Add</i>	446.94	
23 74 16 13-0099	EA	60 MBH Electric Heating Only Self Contained Package Rooftop Unit	7,894.04	1,836.31
		<i>For Gas Heat, Add</i>	503.62	
23 74 16 13-0100	EA	95 MBH Electric Heating Only Self Contained Package Rooftop Unit	9,238.32	2,077.90
		<i>For Gas Heat, Add</i>	591.27	
23 74 16 13-0101	EA	112 MBH Electric Heating Only Self Contained Package Rooftop Unit	10,357.91	2,238.93
		<i>For Gas Heat, Add</i>	665.35	
23 74 16 13-0102	EA	140 MBH Electric Heating Only Self Contained Package Rooftop Unit	12,100.68	2,319.49
		<i>For Gas Heat, Add</i>	785.19	
23 74 16 13-0103	EA	170 MBH Electric Heating Only Self Contained Package Rooftop Unit	15,571.87	2,706.07
		<i>For Gas Heat, Add</i>	1,017.87	
23 74 16 13-0104	EA	200 MBH Electric Heating Only Self Contained Package Rooftop Unit	20,244.80	2,899.37
		<i>For Gas Heat, Add</i>	1,339.82	
23 74 16 13-0105	EA	230 MBH Electric Heating Only Self Contained Package Rooftop Unit	23,493.47	3,092.65
		<i>For Gas Heat, Add</i>	1,562.07	
23 74 16 13-0106	EA	270 MBH Electric Heating Only Self Contained Package Rooftop Unit	30,260.13	3,414.80
		<i>For Gas Heat, Add</i>	2,027.15	
23 74 16 13-0107	EA	330 MBH Electric Heating Only Self Contained Package Rooftop Unit	37,742.84	4,345.46
		<i>For Gas Heat, Add</i>	2,533.76	
23 74 16 13-0108	EA	360 MBH Electric Heating Only Self Contained Package Rooftop Unit	46,148.24	4,381.25
		<i>For Gas Heat, Add</i>	3,113.54	
23 74 16 13-0109	EA	450 MBH Electric Heating Only Self Contained Package Rooftop Unit	56,109.01	5,122.26
		<i>For Gas Heat, Add</i>	3,791.04	
23 74 16 13-0110	EA	540 MBH Electric Heating Only Self Contained Package Rooftop Unit	72,754.73	6,604.15
		<i>For Gas Heat, Add</i>	4,916.72	

23 74 16 13-0111		Heat Pump, Packaged Rooftop Heat Pump Units <small>(23 74 16 13)</small>		
Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.				

23 74 16 13-0112		Packaged Rooftop Heat Pump Units <small>(23 74 16 13-0111)</small>		
Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0113	EA		2 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	6,175.28 1,795.07 222.86	1,288.60
23 74 16 13-0114	EA		2.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	6,500.06 1,900.64 232.65	1,385.30
23 74 16 13-0115	EA		3 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	6,873.83 2,016.51 244.90	1,481.90
23 74 16 13-0116	EA		3.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	7,376.00 1,955.57 262.49	1,594.62
23 74 16 13-0117	EA		4 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	7,878.40 2,090.58 280.09	1,707.45
23 74 16 13-0118	EA		5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	8,443.66 2,243.37 239.81	1,836.31
23 74 16 13-0119	EA		6 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	9,505.54 2,487.68 2,075.85 205.92	1,981.21
23 74 16 13-0120	EA		7.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	12,256.17 2,523.53 2,428.67 284.57	2,077.90
23 74 16 13-0121	EA		8.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	13,714.73 2,672.88 321.88	2,238.93
23 74 16 13-0122	EA		10 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	14,752.07 2,712.27 233.19	2,319.49
23 74 16 13-0123	EA		12.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	17,125.89 3,052.74 275.51	2,512.78
23 74 16 13-0124	EA		15 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	19,499.69 3,393.21 317.83	2,706.07
23 74 16 13-0125	EA		17.5 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	21,848.41 3,731.17 359.65	2,899.37
23 74 16 13-0126	EA		20 Ton Packaged Rooftop Heat Pump For Economizer With Outside Air Control, Add For Upgrade Of Economizer To OS Air Enthalpy Control, Add	24,197.13 4,069.13 401.47	3,092.65

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units (23 74)
23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units (23 74 23)
23 74 23 13-0001 Make-Up Air Units (23 74 23 13)

Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0801 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units (23 74 23 13-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0802 for crane lifting equipment.

23 74 23 13-0003	EA		100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	4,822.41 1,231.96 581.32	429.53
23 74 23 13-0004	EA		300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	6,197.53 1,613.47 750.11	486.80
23 74 23 13-0005	EA		500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	8,561.46 2,282.08 1,041.55	572.71
23 74 23 13-0006	EA		670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	8,653.44 2,288.20 1,050.90	610.90
23 74 23 13-0007	EA		800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	11,739.63 3,178.26 1,433.09	687.26
23 74 23 13-0008	EA		1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	17,698.24 4,879.94 2,169.33	859.07

23 74 23 13-0009 Electric Make-Up Air Units (23 74 23 13-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0802 for crane lifting equipment.

23 74 23 13-0010	EA		33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	9,702.64 2,696.02 1,191.35	429.53
23 74 23 13-0011	EA		100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	13,813.95 3,898.40 1,702.16	486.80
23 74 23 13-0012	EA		150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Equipment Base Roof Curb, Add	17,097.21 4,842.81 2,108.52	572.71

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	22,092.21	687.26
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,284.04	
		<i>For Equipment Base Roof Curb, Add</i>	2,727.16	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	35,598.04	859.07
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	10,249.88	
		<i>For Equipment Base Roof Curb, Add</i>	4,406.80	

23 76 Evaporative Air-Cooling Equipment (23 70)**23 76 13 Direct Evaporative Air Coolers** (23 76)**23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit** (23 76 13)

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,013.28	297.89
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,193.76	347.54
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,507.15	397.20
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,651.06	446.84
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,884.16	496.49
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,036.98	546.14

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers (23 76 13)

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,719.31	285.19
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,774.41	294.42
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,155.07	408.89
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	4,329.35	482.66
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	4,818.29	706.62
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,479.87	753.72
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,145.53	847.94
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,142.23	1,059.91
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,397.33	1,385.52
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,028.14	1,413.22
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,460.84	1,570.28
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,259.50	2,453.54
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,364.93	2,560.19

23 80 Decentralized Unitary HVAC Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment (23 80)**23 81 13 Packaged Terminal Air-Conditioners** (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13)**23 81 13 11-0001 Packaged Terminal Air-Conditioners** (23 81 13 11)**23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners** (23 81 13 11-0001)

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,298.01	186.18
		<i>For >35 To 70, Deduct</i>	-27.77	
		<i>For >70 To 100, Deduct</i>	-46.28	
		<i>For >100, Deduct</i>	-64.79	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,376.75	217.91
		<i>For >35 To 70, Deduct</i>	-28.24	
		<i>For >70 To 100, Deduct</i>	-47.07	
		<i>For >100, Deduct</i>	-65.90	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,458.59	232.23
		<i>For >35 To 70, Deduct</i>	-29.81	
		<i>For >70 To 100, Deduct</i>	-49.68	
		<i>For >100, Deduct</i>	-69.55	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,575.11	249.63
		<i>For >35 To 70, Deduct</i>	-32.28	
		<i>For >70 To 100, Deduct</i>	-53.80	
		<i>For >100, Deduct</i>	-75.32	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners (23 81 13 11-0001)

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,375.88	193.36
		<i>For >35 To 70, Deduct</i>	-29.69	
		<i>For >70 To 100, Deduct</i>	-49.49	
		<i>For >100, Deduct</i>	-69.29	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,460.46	217.91
		<i>For >35 To 70, Deduct</i>	-30.75	
		<i>For >70 To 100, Deduct</i>	-51.26	
		<i>For >100, Deduct</i>	-71.76	

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

23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,519.25	232.23
		<i>For >35 To 70, Deduct</i>	-31.63	
		<i>For >70 To 100, Deduct</i>	-52.71	
		<i>For >100, Deduct</i>	-73.80	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,655.18	249.63
		<i>For >35 To 70, Deduct</i>	-34.68	
		<i>For >70 To 100, Deduct</i>	-57.81	
		<i>For >100, Deduct</i>	-80.93	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve (23 81 13 11)
 Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	82.74	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	93.22	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	103.69	

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13 11)
 Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	198.59	
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23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units (23 81 13)

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit (23 81 13 13)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0802 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	3,050.30	225.92
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,751.85	236.68
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,504.49	247.44
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,625.93	268.95
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,812.04	311.98
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,615.37	387.29
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	12,861.55	430.32
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,164.48	484.12
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	15,947.34	580.95
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	20,608.18	720.80
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	24,611.30	968.24
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	34,460.02	1,183.40
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	39,711.36	1,409.32
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	47,434.15	1,581.46

23 81 16 Room Air-Conditioners (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners (23 81 16)

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners (23 81 16 00-0001)

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) (23 81 16 00-0002)

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	440.78	104.26
		<i>For >10 To 50, Deduct</i>	-11.61	
		<i>For >50 To 75, Deduct</i>	-16.26	
		<i>For >75 To 100, Deduct</i>	-23.23	
		<i>For >100, Deduct</i>	-27.87	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	464.12	104.26
		<i>For >10 To 50, Deduct</i>	-12.78	
		<i>For >50 To 75, Deduct</i>	-17.89	
		<i>For >75 To 100, Deduct</i>	-25.56	
		<i>For >100, Deduct</i>	-30.67	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	522.48	104.26
		<i>For >10 To 50, Deduct</i>	-15.70	
		<i>For >50 To 75, Deduct</i>	-21.98	
		<i>For >75 To 100, Deduct</i>	-31.40	
		<i>For >100, Deduct</i>	-37.67	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	532.95	104.26
		<i>For >10 To 50, Deduct</i>	-16.22	
		<i>For >50 To 75, Deduct</i>	-22.71	
		<i>For >75 To 100, Deduct</i>	-32.44	
		<i>For >100, Deduct</i>	-38.93	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	709.22	104.26
		<i>For >10 To 50, Deduct</i>	-25.03	
		<i>For >50 To 75, Deduct</i>	-35.05	
		<i>For >75 To 100, Deduct</i>	-50.07	
		<i>For >100, Deduct</i>	-60.08	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	825.93		104.26
		<i>For >10 To 50, Deduct</i>	-30.87		
		<i>For >50 To 75, Deduct</i>	-43.22		
		<i>For >75 To 100, Deduct</i>	-61.74		
		<i>For >100, Deduct</i>	-74.09		
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	779.24		104.26
		<i>For >10 To 50, Deduct</i>	-28.54		
		<i>For >50 To 75, Deduct</i>	-39.95		
		<i>For >75 To 100, Deduct</i>	-57.07		
		<i>For >100, Deduct</i>	-68.49		
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	837.60		104.26
		<i>For >10 To 50, Deduct</i>	-31.45		
		<i>For >50 To 75, Deduct</i>	-44.03		
		<i>For >75 To 100, Deduct</i>	-62.91		
		<i>For >100, Deduct</i>	-75.49		
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	884.28		104.26
		<i>For >10 To 50, Deduct</i>	-33.79		
		<i>For >50 To 75, Deduct</i>	-47.30		
		<i>For >75 To 100, Deduct</i>	-67.58		
		<i>For >100, Deduct</i>	-81.09		
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	930.96		104.26
		<i>For >10 To 50, Deduct</i>	-36.12		
		<i>For >50 To 75, Deduct</i>	-50.57		
		<i>For >75 To 100, Deduct</i>	-72.24		
		<i>For >100, Deduct</i>	-86.69		
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,024.33		104.26
		<i>For >10 To 50, Deduct</i>	-40.79		
		<i>For >50 To 75, Deduct</i>	-57.11		
		<i>For >75 To 100, Deduct</i>	-81.58		
		<i>For >100, Deduct</i>	-97.90		
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,036.00		104.26
		<i>For >10 To 50, Deduct</i>	-41.37		
		<i>For >50 To 75, Deduct</i>	-57.92		
		<i>For >75 To 100, Deduct</i>	-82.75		
		<i>For >100, Deduct</i>	-99.30		
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,174.48		104.26
		<i>For >10 To 50, Deduct</i>	-48.30		
		<i>For >50 To 75, Deduct</i>	-67.62		
		<i>For >75 To 100, Deduct</i>	-96.60		
		<i>For >100, Deduct</i>	-115.91		
23 81 16 00-0017		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) <small>(23 81 16 00-0002)</small>			
23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,241.74		104.26
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	1,356.66		104.26
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	1,408.89		104.26
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	1,429.78		104.26
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	1,617.83		104.26
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	2,087.95		104.26
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	2,244.65		104.26
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	2,453.59		104.26
23 81 16 00-0026		Heating And Cooling, Window Unit, Room Air-Conditioners <small>(23 81 16 00-0001)</small>			
23 81 16 00-0027		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) <small>(23 81 16 00-0026)</small>			
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	884.28		104.26
		<i>For >10 To 50, Deduct</i>	-33.79		
		<i>For >50 To 75, Deduct</i>	-47.30		
		<i>For >75 To 100, Deduct</i>	-67.58		
		<i>For >100, Deduct</i>	-81.09		
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,012.66		104.26
		<i>For >10 To 50, Deduct</i>	-40.21		
		<i>For >50 To 75, Deduct</i>	-56.29		
		<i>For >75 To 100, Deduct</i>	-80.41		
		<i>For >100, Deduct</i>	-96.50		
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,082.69		104.26
		<i>For >10 To 50, Deduct</i>	-43.71		
		<i>For >50 To 75, Deduct</i>	-61.19		
		<i>For >75 To 100, Deduct</i>	-87.42		
		<i>For >100, Deduct</i>	-104.90		
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,339.45		104.26
		<i>For >10 To 50, Deduct</i>	-56.55		
		<i>For >50 To 75, Deduct</i>	-79.16		
		<i>For >75 To 100, Deduct</i>	-113.09		
		<i>For >100, Deduct</i>	-135.71		
23 81 16 00-0032		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0026)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0033	EA		12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	1,482.02	104.26
23 81 16 00-0034			Accessories (23 81 16 00-0001)		
23 81 16 00-0035	SET		Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	387.78	56.27
23 81 16 00-0036			Removal And Reinstallation Of Room Air-Conditioners (23 81 16)		
			Note: Includes storage and cleaning.		
23 81 16 00-0037	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	124.13	
23 81 16 00-0038	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	266.73	
23 81 16 00-0039			Through-The-Wall, Room Air-Conditioners (23 81 16)		
			Note: Base unit excludes wall sleeve.		
23 81 16 00-0040			Cooling Only, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)		
23 81 16 00-0041			Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0040)		
23 81 16 00-0042	EA		8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A).....	931.42	74.48
			For >10 To 50, Deduct	-39.12	
			For >50 To 75, Deduct	-54.77	
			For >75 To 100, Deduct	-78.25	
			For >100, Deduct	-93.90	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0043	EA		9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B).....	1,004.55	74.48
			For >10 To 50, Deduct	-42.78	
			For >50 To 75, Deduct	-59.89	
			For >75 To 100, Deduct	-85.56	
			For >100, Deduct	-102.67	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0044	EA		12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A).....	1,140.36	74.48
			For >10 To 50, Deduct	-49.57	
			For >50 To 75, Deduct	-69.40	
			For >75 To 100, Deduct	-99.14	
			For >100, Deduct	-118.97	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0045	EA		10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A).....	1,004.55	74.48
			For >10 To 50, Deduct	-42.78	
			For >50 To 75, Deduct	-59.89	
			For >75 To 100, Deduct	-85.56	
			For >100, Deduct	-102.67	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0046	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A).....	1,140.36	74.48
			For >10 To 50, Deduct	-49.57	
			For >50 To 75, Deduct	-69.40	
			For >75 To 100, Deduct	-99.14	
			For >100, Deduct	-118.97	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0047			Heating And Cooling, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)		
23 81 16 00-0048			Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0047)		
23 81 16 00-0049	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33).....	1,171.70	74.48
			For >10 To 50, Deduct	-51.14	
			For >50 To 75, Deduct	-71.59	
			For >75 To 100, Deduct	-102.28	
			For >100, Deduct	-122.73	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 16 00-0050	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33).....	1,255.28	74.48
			For >10 To 50, Deduct	-55.32	
			For >50 To 75, Deduct	-77.44	
			For >75 To 100, Deduct	-110.63	
			For >100, Deduct	-132.76	
			For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	241.69	
23 81 23			Computer-Room Air-Conditioners (23 81)		
			Note: Includes equipment rigging. Indoor units include filters.		
23 81 23 12			Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units (23 81 23)		
23 81 23 12-0001			Floor Mounted Air Cooled Direct Expansion Type (23 81 23 12)		
			Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
23 81 23 12-0002	EA		3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	30,781.82	2,119.41
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	3,449.90	
23 81 23 12-0003	EA		5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	33,973.92	2,318.11
			Note: Includes interior unit and remote condenser. Excludes piping.		
			For Liebert Unit, Add	3,809.69	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 81 23 12-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	47,015.13	2,649.27
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	5,384.34	
23 81 23 12-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	51,460.55	2,814.84
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	5,909.24	
23 81 23 12-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	55,905.96	2,980.42
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	6,434.13	
23 81 23 12-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	62,643.20	3,576.50
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	7,155.82	
23 81 23 12-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	70,776.74	3,973.90
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	8,108.27	
23 81 23 12-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	74,049.64	4,104.96
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	8,489.13	
23 81 23 12-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	80,617.56	4,238.83
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	9,281.54	
23 81 23 12-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	87,198.01	4,768.67
		Note: Includes interior unit and remote condenser. Excludes piping.		
		<i>For Liebert Unit, Add</i>	10,013.16	
23 81 23 12-0012		Floor Mounted Chilled Water Type <small>(23 81 23 12)</small>		
		Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.		
23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	20,800.01	1,452.23
		<i>For Liebert Unit, Add</i>	2,357.96	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	22,351.83	1,608.63
		<i>For Liebert Unit, Add</i>	2,525.88	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	27,642.61	2,450.17
		<i>For Liebert Unit, Add</i>	3,046.97	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	28,900.98	2,482.44
		<i>For Liebert Unit, Add</i>	3,198.93	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	30,011.82	2,581.74
		<i>For Liebert Unit, Add</i>	3,319.53	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	30,715.52	2,829.99
		<i>For Liebert Unit, Add</i>	3,367.77	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	32,581.94	3,078.23
		<i>For Liebert Unit, Add</i>	3,560.74	
23 81 23 12-0020		Floor Mounted Water Source <small>(23 81 23 12)</small>		
		Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes water source.		
23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	16,105.03	1,324.63
		<i>For Liebert Unit, Add</i>	1,765.68	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,725.71	1,390.86
		<i>For Liebert Unit, Add</i>	1,955.83	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	22,985.40	1,457.10
		<i>For Liebert Unit, Add</i>	2,600.98	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	24,770.31	1,589.56
		<i>For Liebert Unit, Add</i>	2,797.92	
23 81 23 12-0025	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	27,359.68	1,722.02
		<i>For Liebert Unit, Add</i>	3,096.73	
23 81 23 12-0026	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,432.31	1,854.48
		<i>For Liebert Unit, Add</i>	3,205.38	
23 81 23 12-0027	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	29,684.91	1,986.95
		<i>For Liebert Unit, Add</i>	3,341.20	
23 81 23 12-0028	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,523.89	2,119.41
		<i>For Liebert Unit, Add</i>	3,422.70	
23 81 23 12-0029	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	34,909.62	2,516.80
		<i>For Liebert Unit, Add</i>	3,893.54	
23 81 23 12-0030		Floor Mounted Glycol System Type <small>(23 81 23 12)</small>		
		Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.		
23 81 23 12-0031	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	30,006.03	1,452.23
		<i>For Liebert Unit, Add</i>	3,508.72	
23 81 23 12-0032	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	32,303.18	1,608.63
		<i>For Liebert Unit, Add</i>	3,769.79	
23 81 23 12-0033	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	49,777.45	1,802.25
		<i>For Liebert Unit, Add</i>	5,921.81	
23 81 23 12-0034	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	51,375.72	1,995.89
		<i>For Liebert Unit, Add</i>	6,089.32	
23 81 23 12-0035	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	54,990.20	2,189.52
		<i>For Liebert Unit, Add</i>	6,508.86	
23 81 23 12-0036	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	65,804.25	2,482.44
		<i>For Liebert Unit, Add</i>	7,809.72	
23 81 23 12-0037	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	72,138.87	2,581.74
		<i>For Liebert Unit, Add</i>	8,585.41	
23 81 23 12-0038	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	74,822.95	2,829.99
		<i>For Liebert Unit, Add</i>	8,881.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0039	EA		30 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Liebert Unit, Add</i>	91,106.14 10,876.26	3,078.23
23 81 23 12-0040			Removal And Reinstallation Of Computer Room Unit ^(23 81 23 12) Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 12-0041	EA		Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit.....	1,985.96	
23 81 23 12-0042	EA		Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	1,654.96	
23 81 23 13			Computer-Room Air-Conditioners, Ceiling Mounted Units ^(23 81 23)		
23 81 23 13-0001			Ceiling Mounted Packaged Computer Room Air Conditioner ^(23 81 23 13) Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81 23 13-0002	EA		1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	12,189.12 1,405.65	629.55
23 81 23 13-0003	EA		1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	13,483.65 1,543.77	756.06
23 81 23 13-0004	EA		2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	15,409.04 1,748.81	946.21
23 81 23 13-0005	EA		3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	18,926.24 2,158.91	1,103.90
23 81 23 13-0006	EA		5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	25,631.71 2,979.11	1,199.81
23 81 26			Split-System Air-Conditioners ^(23 81)		
23 81 26 13			Small-Capacity Split-System Air-Conditioners ^(23 81 26)		
23 81 26 13-0001			Split System A/C Unit ^(23 81 26 13) See CSI section 22 07 19 00-0540 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.		
23 81 26 13-0002			Ductless Split System Air Conditioners ^(23 81 26 13-0001) Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0024 for ductless heat pumps.		
23 81 26 13-0003			Wall Mounted Ductless Split System Air Conditioners ^(23 81 26 13-0002)		
23 81 26 13-0004	EA		9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners	2,103.04	327.69
23 81 26 13-0005	EA		11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner.....	2,275.36	357.47
23 81 26 13-0006	EA		17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners	2,851.36	397.20
23 81 26 13-0007	EA		24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners	3,167.01	436.91
23 81 26 13-0008	EA		25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners	4,911.55	476.63
23 81 26 13-0009	EA		29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners	5,728.16	496.49
23 81 26 13-0010	EA		31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners	6,287.42	529.26
23 81 26 13-0011			Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners ^(23 81 26 13-0002) Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 13-0012	EA		7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	903.55	158.88
23 81 26 13-0013	EA		9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	954.41	168.81
23 81 26 13-0014	EA		11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,006.17	178.73
23 81 26 13-0015	EA		17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,139.63	188.67
23 81 26 13-0016	EA		24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,219.20	198.59
23 81 26 13-0017	EA		19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners.....	2,532.23	238.32
23 81 26 13-0018	EA		25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners.....	2,801.83	258.18
23 81 26 13-0019	EA		30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners.....	4,453.93	278.04
23 81 26 13-0020			Suspended Ceiling Mounted Ductless Split System Air Conditioners ^(23 81 26 13-0002) Note: Excludes hangers.		
23 81 26 13-0021	EA		24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners.....	5,264.66	476.63
23 81 26 13-0022	EA		31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners.....	6,415.71	568.98
23 81 26 13-0023	EA		39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners.....	7,847.29	595.79

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 81 26 13-0024	Recessed Ceiling Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small>		
	Note: Excludes hangers.		
23 81 26 13-0025	EA 11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners.....	3,214.94	397.20
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0026	EA 17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners	3,751.44	436.91
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0027	EA 24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners	5,229.30	516.34
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0028	EA 32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners	6,056.62	568.98
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0029	EA 39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners	7,667.74	595.79
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

23 81 26 13-0030	Ductless Split System Accessories <small>(23 81 26 13-0002)</small>		
23 81 26 13-0031	LF 3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	9.50	1.43
23 81 26 13-0032	LF 4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	12.01	1.57
23 81 26 13-0033	LF 6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.78	1.72
23 81 26 13-0034	EA 3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	16.18	2.67
23 81 26 13-0035	EA 4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	26.45	2.93
23 81 26 13-0036	EA 6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	30.04	3.23
23 81 26 13-0037	EA 3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	39.13	5.34
23 81 26 13-0038	EA 4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	62.36	5.87
23 81 26 13-0039	EA 6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	69.55	6.46
23 81 26 13-0040	EA 3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	51.01	5.69
23 81 26 13-0041	EA 4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	59.50	6.26
23 81 26 13-0042	EA 6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	89.77	6.89
23 81 26 13-0043	EA 3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	39.13	5.34
23 81 26 13-0044	EA 4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	62.36	5.87
23 81 26 13-0045	EA 6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	69.55	6.46
23 81 26 13-0046	EA 3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	52.62	8.90
23 81 26 13-0047	EA 4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	74.22	9.79
23 81 26 13-0048	EA 6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	88.00	10.76
23 81 26 13-0049	EA 2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	26.99	1.78
23 81 26 13-0050	EA 3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	32.37	5.34
23 81 26 13-0051	EA 4" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	50.20	5.87
23 81 26 13-0052	EA 3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	29.67	5.34
23 81 26 13-0053	EA 4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	39.39	5.87
23 81 26 13-0054	EA 6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	42.53	6.46
23 81 26 13-0055	EA 4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	128.29	7.12
23 81 26 13-0056	EA 6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	145.31	7.83
23 81 26 13-0057	EA 14" Condensing Unit Mounting Blocks With End Caps	99.77	26.69
23 81 26 13-0058	EA 17" Condensing Unit Mounting Blocks With End Caps	109.22	28.46
23 81 26 13-0059	EA 36" Condensing Unit Mounting Blocks With End Caps	141.63	30.24
23 81 26 13-0060	EA End Cap, Set of 4.....	13.50	
23 81 26 13-0061	EA 18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	209.09	53.37
23 81 26 13-0062	EA 21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	222.19	56.93
23 81 26 13-0063	LF 5/8" ID Condensate Drain Line	1.93	0.14
23 81 26 13-0064	LF 3/4" ID Condensate Drain Line	2.00	0.14

23 81 26 13-0065	Cased A/C Evaporator Coils <small>(23 81 26 13-0001)</small>		
23 81 26 13-0066	Vertical Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0067	EA 1-1/2 Ton Vertical Cased A/C Evaporator Coil.....	509.20	102.30
23 81 26 13-0068	EA 2 Ton Vertical Cased A/C Evaporator Coil	533.07	109.97
23 81 26 13-0069	EA 2-1/2 Ton Vertical Cased A/C Evaporator Coil.....	626.39	117.65
23 81 26 13-0070	EA 3 Ton Vertical Cased A/C Evaporator Coil.....	708.76	125.32
23 81 26 13-0071	EA 3-1/2 Ton Vertical Cased A/C Evaporator Coil.....	811.57	130.44
23 81 26 13-0072	EA 4 Ton Vertical Cased A/C Evaporator Coil	899.79	135.55
23 81 26 13-0073	EA 4-1/2 Ton Vertical Cased A/C Evaporator Coil.....	966.54	145.79
23 81 26 13-0074	EA 5 Ton Vertical Cased A/C Evaporator Coil.....	977.03	153.46

23 81 26 13-0075	"A" Style Horizontal Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0076	EA 2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	611.79	104.87
23 81 26 13-0077	EA 2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	697.82	110.75
23 81 26 13-0078	EA 3 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	793.51	117.65
23 81 26 13-0079	EA 3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	822.52	121.89
23 81 26 13-0080	EA 4 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	861.29	127.89
23 81 26 13-0081	EA 4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	874.73	134.53
23 81 26 13-0082	EA 5 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	887.89	141.17

23 81 26 13-0083	Slab Style Horizontal Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0084	EA 2 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	542.34	104.87
23 81 26 13-0085	EA 3 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	646.09	117.65
23 81 26 13-0086	EA 4 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	741.89	127.89
23 81 26 13-0087	EA 5 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	886.67	141.17

23 81 26 16 Large-Capacity Split-System Air-Conditioners (23 81 26)
23 81 26 16-0001 Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) (23 81 26 16)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 26 16-0002
Outdoor Units (23 81 26 16-0001)

23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	13,525.38	521.31
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	14,671.74	620.61
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	16,523.86	744.73
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	20,324.01	769.55
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	27,007.90	794.38
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	28,005.30	819.21
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	29,002.70	844.03
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	30,705.89	893.68
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	32,409.06	943.33
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	36,258.87	992.97
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	40,108.67	1,042.62

23 81 26 16-0014
Indoor Units (23 81 26 16-0001)

23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,416.28	161.35
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,489.70	173.77
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,555.03	186.18
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,632.52	198.59
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	1,771.78	235.83
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	1,982.05	285.48
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,147.54	310.31
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,043.93	177.49
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,115.78	191.15
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,232.21	204.80
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	2,421.51	218.45
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	2,560.14	259.41
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	2,815.18	314.03
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	2,959.93	327.69
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,120.91	341.33
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	3,460.53	375.47
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	3,835.34	413.01
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	4,152.85	454.32
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	5,252.22	499.75
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	5,959.71	549.72
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,323.74	204.80
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	2,450.68	218.45
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	2,591.73	259.41
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	2,909.14	314.03
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,134.68	341.33
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	3,829.10	375.47
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,088.48	177.49
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,196.79	191.15
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,361.81	204.80
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	2,486.32	218.45
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	1,937.57	191.15
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,037.80	204.80
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,142.05	218.45

23 81 26 16-0048
Controllers For Outdoor Units (23 81 26 16-0001)

23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	7,304.76	148.94
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	8,447.97	173.77
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-HA1)	9,336.02	198.59
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	11,078.65	223.42
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	4,074.64	99.30
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	6,276.01	148.94
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	9,592.22	223.42

23 81 26 16-0056
Energy Recovery Units (23 81 26 16-0001)

23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NNU-E2-AU)	5,174.35	148.94
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NNU-E-BU)	9,775.39	148.94
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	9,918.20	173.77
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,070.84	124.13
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	2,635.66	129.08
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,139.70	134.05
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	5,713.03	148.94

23 81 26 16-0064
Piping Specialties (23 81 26 16-0001)

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST

23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	720.94	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	198.21	38.87
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	198.21	38.87
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	219.53	40.91
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	274.30	46.03
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	359.76	66.48
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	614.23	132.95
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	109.68	16.37
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	124.38	22.50

23 81 26 16-0074 Split System Air Conditioners (Daikin VRV) (23 81 26 16)

23 81 26 16-0075 Heat Pump Outdoor Units (23 81 26 16-0074)

23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ)	14,991.72	521.31
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ)	16,781.02	620.61
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ)	18,742.31	744.73
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ)	23,319.30	769.55
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ)	31,127.31	819.21
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ)	32,890.01	844.03
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ)	34,579.99	893.68
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ)	36,392.33	943.33
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ)	47,014.65	992.97
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	48,827.00	1,042.62
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	50,639.34	1,092.27
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	52,329.32	1,141.92
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	54,141.67	1,191.58

23 81 26 16-0089 Heat Recovery Heat Pump Outdoor Units (23 81 26 16-0074)

23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ)	19,205.06	677.71
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ)	20,985.81	806.79
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ)	23,104.69	968.16
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ)	28,920.18	1,000.43
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ)	38,960.47	1,064.97
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ)	41,961.67	1,097.24
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ)	43,559.08	1,161.78
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ)	45,156.50	1,226.32
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ)	59,295.86	1,290.87
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ)	60,893.28	1,355.42
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ)	63,959.02	1,419.96
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ)	65,556.43	1,484.50

23 81 26 16-0102 Indoor Units (23 81 26 16-0074)

23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU)	1,778.93	173.77
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU)	1,856.96	178.73
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU)	2,092.34	186.18
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU)	2,360.17	235.83
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU)	2,604.92	285.48
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU)	2,570.93	191.15
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU)	2,656.89	196.61
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU)	2,789.87	109.23
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU)	2,985.67	259.41
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU)	3,541.63	314.03
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU)	4,040.67	341.33
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU)	4,323.64	375.47
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU)	4,485.30	413.01
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU)	2,864.13	191.15
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU)	2,932.78	196.61
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU)	3,116.55	204.80
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU)	3,346.98	259.41

23 81 26 16-0120 Branch Selector Boxes (23 81 26 16-0074)

23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU)	8,522.64	223.42
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU)	12,587.13	297.89
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU)	1,710.78	99.30
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU)	2,314.53	148.94
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU)	2,894.05	223.42

23 81 26 16-0126 Controllers (23 81 26 16-0074)

23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin BRC1E71)	573.75	19.86
23 81 26 16-0128	EA	Individual Zone Controller (Daikin BRC2A71)	430.61	19.86
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71)	780.38	19.86
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin DCS302C71)	1,070.12	19.86
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71)	10,117.26	238.32
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin DCM601A72)	1,814.67	19.86
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1)	407.34	35.04

23 81 26 16-0134 Energy Recovery Units (23 81 26 16-0074)

23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin VAM300GVJU)	2,971.34	124.13
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0136	EA		470 CFM Energy Recovery Unit (Daikin VAM470GVJU).....	3,837.80	129.08
23 81 26 16-0137	EA		600 CFM Energy Recovery Unit (Daikin VAM600GVJU).....	4,581.89	134.05
23 81 26 16-0138	EA		1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU).....	8,496.05	148.94
23 81 43	Air-Source Unitary Heat Pumps ^(23 81)				
23 81 43 00-0001	Single Package Thru-Wall Heat Pumps ^(23 81 43)				
Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0802 for crane lifting equipment.					
23 81 43 00-0002	EA		1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	1,793.38	161.37
			<i>For Unit Economizer, Add</i>	238.59	
			<i>For >35 To 70, Deduct</i>	-44.44	
			<i>For >70 To 100, Deduct</i>	-74.07	
			<i>For >100, Deduct</i>	-103.70	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	211.32	
23 81 43 00-0003	EA		1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	1,979.51	172.13
			<i>For Unit Economizer, Add</i>	263.79	
			<i>For >35 To 70, Deduct</i>	-49.38	
			<i>For >70 To 100, Deduct</i>	-82.30	
			<i>For >100, Deduct</i>	-115.22	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	231.52	
23 81 43 00-0004	EA		1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,362.15	172.13
			<i>For Unit Economizer, Add</i>	457.36	
			<i>For >35 To 70, Deduct</i>	-90.86	
			<i>For >70 To 100, Deduct</i>	-151.43	
			<i>For >100, Deduct</i>	-212.00	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	355.96	
23 81 43 00-0005	EA		2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,679.94	172.13
			<i>For Unit Economizer, Add</i>	500.99	
			<i>For >35 To 70, Deduct</i>	-99.75	
			<i>For >70 To 100, Deduct</i>	-166.25	
			<i>For >100, Deduct</i>	-232.74	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	188.50	
23 81 43 00-0006	EA		2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,162.34	182.89
			<i>For Unit Economizer, Add</i>	567.67	
			<i>For >35 To 70, Deduct</i>	-113.57	
			<i>For >70 To 100, Deduct</i>	-189.29	
			<i>For >100, Deduct</i>	-265.01	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	207.71	
23 81 43 00-0007	EA		3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,359.86	193.65
			<i>For Unit Economizer, Add</i>	595.32	
			<i>For >35 To 70, Deduct</i>	-119.50	
			<i>For >70 To 100, Deduct</i>	-199.17	
			<i>For >100, Deduct</i>	-278.83	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	611.97	
23 81 43 00-0008	EA		3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,908.09	193.65
			<i>For Unit Economizer, Add</i>	671.21	
			<i>For >35 To 70, Deduct</i>	-135.30	
			<i>For >70 To 100, Deduct</i>	-225.50	
			<i>For >100, Deduct</i>	-315.70	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	685.82	
23 81 43 00-0009	EA		4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,412.65	204.41
			<i>For Unit Economizer, Add</i>	741.42	
			<i>For >35 To 70, Deduct</i>	-150.12	
			<i>For >70 To 100, Deduct</i>	-250.19	
			<i>For >100, Deduct</i>	-350.27	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	752.70	
23 81 43 00-0010	EA		5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,234.36	236.68
			<i>For Unit Economizer, Add</i>	853.88	
			<i>For >35 To 70, Deduct</i>	-172.83	
			<i>For >70 To 100, Deduct</i>	-288.05	
			<i>For >100, Deduct</i>	-403.27	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	867.27	
23 81 43 00-0011	EA		7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	11,400.88	279.71
			<i>For Unit Economizer, Add</i>	1,573.32	
			<i>For >35 To 70, Deduct</i>	-324.92	
			<i>For >70 To 100, Deduct</i>	-541.53	
			<i>For >100, Deduct</i>	-758.15	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,550.54	
23 81 43 00-0012	EA		10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	14,678.89	355.02
			<i>For Unit Economizer, Add</i>	2,026.21	
			<i>For >35 To 70, Deduct</i>	-418.74	
			<i>For >70 To 100, Deduct</i>	-697.90	
			<i>For >100, Deduct</i>	-977.07	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	319.78	
23 81 43 00-0013	EA		12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	17,914.51	398.05
			<i>For Unit Economizer, Add</i>	2,476.19	
			<i>For >35 To 70, Deduct</i>	-513.55	
			<i>For >70 To 100, Deduct</i>	-855.92	
			<i>For >100, Deduct</i>	-1,198.29	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	370.21	
23 81 43 00-0014	EA		15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	22,093.42	451.85
			<i>For Unit Economizer, Add</i>	3,057.36	
			<i>For >35 To 70, Deduct</i>	-636.01	
			<i>For >70 To 100, Deduct</i>	-1,060.02	
			<i>For >100, Deduct</i>	-1,484.03	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	435.24	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0015	EA		20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat..... <i>For Unit Economizer, Add</i> <i>For >35 To 70, Deduct</i> <i>For >70 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Low Ambient Protection, 0 Degree F, Add</i>	29,411.14 4,078.83 -853.29 -1,422.15 -1,991.00 526.49	484.12
23 81 43 00-0016	EA		25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat..... <i>For Unit Economizer, Add</i> <i>For >35 To 70, Deduct</i> <i>For >70 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Low Ambient Protection, 0 Degree F, Add</i>	35,422.80 4,917.02 -1,031.06 -1,718.43 -2,405.80 607.26	527.15
23 81 43 00-0017 Single Package Vertical Wall Heat Pumps <small>(23 81 43)</small>					
Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0802 for crane lifting equipment.					
23 81 43 00-0018	EA		1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	2,753.36	215.17
23 81 43 00-0019	EA		1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	3,334.70	236.68
23 81 43 00-0020	EA		1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,301.70	247.44
23 81 43 00-0021	EA		2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,929.44	268.95
23 81 43 00-0022	EA		2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,160.05	311.98
23 81 43 00-0023	EA		3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	6,583.69	355.02
23 81 43 00-0024	EA		3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,153.25	398.05
23 81 43 00-0025	EA		4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	8,047.96	441.09
23 81 43 00-0026	EA		5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	9,078.49	527.15
23 81 43 00-0027 Heat Pump, Room Air-Conditioners <small>(23 81 43)</small>					
Note: Includes throwaway filters and supplemental heat.					
23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners <small>(23 81 43 00-0027)</small>					
23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 43 00-0028)</small>					
23 81 43 00-0030	EA		10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C).....	1,513.36	104.26
				<i>For >10 To 50, Deduct</i>	-65.24
				<i>For >50 To 75, Deduct</i>	-91.34
				<i>For >75 To 100, Deduct</i>	-130.48
				<i>For >100, Deduct</i>	-156.58
23 81 43 00-0031	EA		12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C).....	1,701.41	104.26
				<i>For >10 To 50, Deduct</i>	-74.64
				<i>For >50 To 75, Deduct</i>	-104.50
				<i>For >75 To 100, Deduct</i>	-149.29
				<i>For >100, Deduct</i>	-179.15
23 81 43 00-0032	EA		17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A).....	1,983.48	104.26
				<i>For >10 To 50, Deduct</i>	-88.75
				<i>For >50 To 75, Deduct</i>	-124.25
				<i>For >75 To 100, Deduct</i>	-177.50
				<i>For >100, Deduct</i>	-212.99
23 81 43 00-0033	EA		24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D).....	2,296.89	104.26
				<i>For >10 To 50, Deduct</i>	-104.42
				<i>For >50 To 75, Deduct</i>	-146.19
				<i>For >75 To 100, Deduct</i>	-208.84
				<i>For >100, Deduct</i>	-250.60
23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners <small>(23 81 43 00-0027)</small>					
Note: Base unit excludes wall sleeve.					
23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) <small>(23 81 43 00-0034)</small>					
23 81 43 00-0036	EA		9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D).....	1,506.01	74.48
				<i>For >10 To 50, Deduct</i>	-67.85
				<i>For >50 To 75, Deduct</i>	-94.99
				<i>For >75 To 100, Deduct</i>	-135.71
				<i>For >100, Deduct</i>	-162.85
				<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	241.69
23 81 43 00-0037	EA		11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A).....	1,506.01	74.48
				<i>For >10 To 50, Deduct</i>	-67.85
				<i>For >50 To 75, Deduct</i>	-94.99
				<i>For >75 To 100, Deduct</i>	-135.71
				<i>For >100, Deduct</i>	-162.85
				<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	241.69
23 81 49 Split System Heat Pumps <small>(23 81)</small>					
23 81 49 00-0001 Air Cooled, Outdoor Section <small>(23 81 49)</small>					

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 81 49 00-0002	EA 1.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	3,248.66	319.52
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	591.00	
	For Winterstart Control, Add	158.99	
	For 16 SEER, Add	801.72	
	For 18 SEER, Add	1,216.40	
23 81 49 00-0003	EA 2 Ton, 14 SEER, Outdoor Heat Pump Unit.....	3,356.33	355.02
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	613.61	
	For Winterstart Control, Add	166.53	
	For 16 SEER, Add	817.34	
	For 18 SEER, Add	1,240.10	
23 81 49 00-0004	EA 2.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	3,672.78	412.04
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	674.29	
	For Winterstart Control, Add	184.35	
	For 16 SEER, Add	884.15	
	For 18 SEER, Add	1,341.47	
23 81 49 00-0005	EA 3 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,015.00	473.36
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	575.04	
	For Winterstart Control, Add	203.64	
	For 16 SEER, Add	956.35	
	For 18 SEER, Add	1,451.01	
23 81 49 00-0006	EA 3.5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,142.86	491.65
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	593.96	
	For Winterstart Control, Add	210.40	
	For 16 SEER, Add	985.44	
	For 18 SEER, Add	1,495.16	
23 81 49 00-0007	EA 4 Ton, 14 SEER, Outdoor Heat Pump Unit.....	4,598.82	564.81
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	656.75	
	For Winterstart Control, Add	232.36	
	For 16 SEER, Add	1,099.67	
	For 18 SEER, Add	1,668.46	
23 81 49 00-0008	EA 5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	5,231.30	621.28
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	439.08	
	For Winterstart Control, Add	132.19	
	For 16 SEER, Add	1,259.69	
	For 18 SEER, Add	1,911.25	
23 81 49 00-0009	EA 7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	6,087.66	695.09
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	502.98	
	For Winterstart Control, Add	150.24	
23 81 49 00-0010	EA 10 Ton, 11.1 EER, Outdoor Heat Pump Unit	8,405.83	834.10
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	378.97	
	For Winterstart Control, Add	191.47	
23 81 49 00-0011	EA 15 Ton, 10.9 EER, Outdoor Heat Pump Unit	11,040.98	973.11
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	427.31	
	For Winterstart Control, Add	235.23	
23 81 49 00-0012	EA 20 Ton, 10.3 EER, Outdoor Heat Pump Unit	19,754.90	1,042.62
	Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	For Low Ambient Protection, 0 Degree F, Add	452.89	
	For Winterstart Control, Add	331.57	

23 81 49 00-0013 Indoor Section, Horizontal Upflow (23 81 49)

	Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0014	EA 2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,056.62	106.25
	For Additional 5 KW Electric Heat, Add	94.98	
23 81 49 00-0015	EA 2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,167.45	132.36
	For Additional 5 KW Electric Heat, Add	103.51	
23 81 49 00-0016	EA 3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,222.98	159.87
	For Additional 5 KW Electric Heat, Add	106.28	
23 81 49 00-0017	EA 3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,643.14	187.18
	For Additional 5 KW Electric Heat, Add	145.58	
23 81 49 00-0018	EA 4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,690.98	211.01
	For Additional 5 KW Electric Heat, Add	147.97	
23 81 49 00-0019	EA 5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,877.12	242.29
	For Additional 5 KW Electric Heat, Add	163.49	
23 81 49 00-0020	EA 7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	3,983.52	397.20
	For Additional 5 KW Electric Heat, Add	358.63	
23 81 49 00-0021	EA 10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	5,847.54	446.84
	For Additional 5 KW Electric Heat, Add	540.07	
23 81 49 00-0022	EA 15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,179.53	496.49
	For Additional 5 KW Electric Heat, Add	768.30	
23 81 49 00-0023	EA 20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	9,302.40	595.79
	For Additional 5 KW Electric Heat, Add	870.65	

23 81 49 00-0024 Ductless Split System Heat Pumps (23 81 49)

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0025 Wall Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81	49 00-0026	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,282.59	327.69
23 81	49 00-0027	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,521.34	357.47
23 81	49 00-0028	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,081.18	397.20
23 81	49 00-0029	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,548.55	436.91
23 81	49 00-0030	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,054.59	476.63
23 81	49 00-0031	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,864.62	496.49
23 81	49 00-0032	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,435.55	529.26

23 81 49 00-0033 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps (23 81 49 00-0033)

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81	49 00-0034	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	943.05	158.88
23 81	49 00-0035	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	994.81	168.81
23 81	49 00-0036	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,047.47	178.73
23 81	49 00-0037	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,194.39	188.67
23 81	49 00-0038	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,273.06	198.59
23 81	49 00-0039	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,864.39	238.32
23 81	49 00-0040	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,398.82	258.18
23 81	49 00-0041	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,537.49	278.04

23 81 49 00-0042 Suspended Ceiling Mounted Ductless Split System Heat Pumps (23 81 49 00-0042)

Note: Excludes hangers.

23 81	49 00-0043	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,408.30	476.63
23 81	49 00-0044	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,563.84	568.98
23 81	49 00-0045	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,937.06	595.79

23 81 49 00-0046 Recessed Ceiling Mounted Ductless Split System Heat Pumps (23 81 49 00-0046)

Note: Excludes hangers.

23 81	49 00-0047	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,574.04	397.20
23 81	49 00-0048	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,053.97	436.91
23 81	49 00-0049	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,372.94	516.34
23 81	49 00-0050	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,204.75	568.98
23 81	49 00-0051	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,757.52	595.79

23 82 Convection Heating And Cooling Units (23 82)

23 82 16 Air Coils (23 82)

23 82 16 11 Hydronic Air Coils (23 82 16)

23 82 16 11-0001 Chilled Water Cooling Coils (23 82 16 11)

Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils (23 82 16 11-0001)

23 82	16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	719.12	51.15
23 82	16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,168.45	69.56
23 82	16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,599.00	109.46
23 82	16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,975.54	156.53
23 82	16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,142.15	192.33
23 82	16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,426.54	233.25
23 82	16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,635.58	270.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0010	EA		30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,890.70	477.15
23 82 16 11-0011	EA		34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,658.27	181.39
23 82 16 11-0012	EA		34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,217.36	308.85
23 82 16 11-0013	EA		34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,494.90	383.64
23 82 16 11-0014	EA		34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,819.26	463.34
23 82 16 11-0015	EA		34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,117.85	539.55
23 82 16 11-0016			4 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0017	EA		12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	905.30	106.39
23 82 16 11-0018	EA		12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,435.93	153.46
23 82 16 11-0019	EA		24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,011.23	255.76
23 82 16 11-0020	EA		24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,534.39	379.55
23 82 16 11-0021	EA		30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,960.42	465.48
23 82 16 11-0022	EA		30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,536.26	568.82
23 82 16 11-0023	EA		30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,994.32	682.37
23 82 16 11-0024	EA		30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,048.84	794.30
23 82 16 11-0025	EA		34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,369.84	342.83
23 82 16 11-0026	EA		34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,110.74	515.62
23 82 16 11-0027	EA		34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,496.87	639.41
23 82 16 11-0028	EA		34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,001.12	770.35
23 82 16 11-0029	EA		34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,451.42	900.59
23 82 16 11-0030			6 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0031	EA		12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,261.34	135.05
23 82 16 11-0032	EA		12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,531.75	200.52
23 82 16 11-0033	EA		24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,158.67	341.70
23 82 16 11-0034	EA		24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,984.21	511.52
23 82 16 11-0035	EA		30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,886.00	639.41
23 82 16 11-0036	EA		30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,481.04	786.73
23 82 16 11-0037	EA		30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,228.67	929.95
23 82 16 11-0038	EA		30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,195.48	1,083.71
23 82 16 11-0039	EA		34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,009.64	468.45
23 82 16 11-0040	EA		34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,964.60	702.63
23 82 16 11-0041	EA		34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,562.91	879.82
23 82 16 11-0042	EA		34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,141.89	1,056.91
23 82 16 11-0043	EA		34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,721.12	1,229.60
23 82 16 11-0044			8 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0045	EA		12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,570.68	162.66
23 82 16 11-0046	EA		12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,975.68	249.63
23 82 16 11-0047	EA		24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,023.81	445.03
23 82 16 11-0048	EA		24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,109.68	682.37
23 82 16 11-0049	EA		30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,969.84	853.22
23 82 16 11-0050	EA		30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,806.90	1,023.05
23 82 16 11-0051	EA		30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,634.13	1,136.60

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 82 16 11-0052	EA 30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,043.23	1,318.40
23 82 16 11-0053	EA 34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,473.68	570.86
23 82 16 11-0054	EA 34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,595.75	858.23
23 82 16 11-0055	EA 34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,292.04	1,069.09
23 82 16 11-0056	EA 34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,964.29	1,278.81
23 82 16 11-0057	EA 34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,678.59	1,504.49
23 82 16 11-0058	Hot Water Heating Coils <small>(23 82 16 11)</small> Note: Flanged construction.		
23 82 16 11-0059	1 Row Hot Water Heating Coils <small>(23 82 16 11-0058)</small>		
23 82 16 11-0060	EA 12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction.....	784.09	138.11
	For 10 Fins Per Inch, Add	10.15	
	For 12 Fins Per Inch, Add	25.38	
	For 230 PSIG Heavy Duty, Add	184.47	
23 82 16 11-0061	EA 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,137.23	176.98
	For 10 Fins Per Inch, Add	15.69	
	For 12 Fins Per Inch, Add	39.22	
	For 230 PSIG Heavy Duty, Add	262.72	
23 82 16 11-0062	EA 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,410.07	243.48
	For 10 Fins Per Inch, Add	18.46	
	For 12 Fins Per Inch, Add	46.15	
	For 230 PSIG Heavy Duty, Add	330.73	
23 82 16 11-0063	EA 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,720.29	341.70
	For 10 Fins Per Inch, Add	20.77	
	For 12 Fins Per Inch, Add	51.91	
	For 230 PSIG Heavy Duty, Add	412.26	
23 82 16 11-0064	EA 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,972.06	409.22
	For 10 Fins Per Inch, Add	23.07	
	For 12 Fins Per Inch, Add	57.68	
	For 230 PSIG Heavy Duty, Add	476.26	
23 82 16 11-0065	EA 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,338.18	511.52
	For 10 Fins Per Inch, Add	26.30	
	For 12 Fins Per Inch, Add	65.76	
	For 230 PSIG Heavy Duty, Add	569.94	
23 82 16 11-0066	EA 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,613.36	567.79
	For 10 Fins Per Inch, Add	29.53	
	For 12 Fins Per Inch, Add	73.83	
	For 230 PSIG Heavy Duty, Add	636.34	
23 82 16 11-0067	EA 30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,196.90	660.17
	For 10 Fins Per Inch, Add	37.43	
	For 12 Fins Per Inch, Add	93.59	
	For 230 PSIG Heavy Duty, Add	771.90	
23 82 16 11-0068	EA 34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,380.29	286.04
	For 10 Fins Per Inch, Add	16.16	
	For 12 Fins Per Inch, Add	40.41	
	For 230 PSIG Heavy Duty, Add	333.28	
23 82 16 11-0069	EA 34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,070.42	429.17
	For 10 Fins Per Inch, Add	24.24	
	For 12 Fins Per Inch, Add	60.61	
	For 230 PSIG Heavy Duty, Add	499.91	
23 82 16 11-0070	EA 34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,116.52	649.12
	For 10 Fins Per Inch, Add	36.36	
	For 12 Fins Per Inch, Add	90.91	
	For 230 PSIG Heavy Duty, Add	753.13	
23 82 16 11-0071	EA 34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,625.75	752.25
	For 10 Fins Per Inch, Add	42.43	
	For 12 Fins Per Inch, Add	106.06	
	For 230 PSIG Heavy Duty, Add	875.60	
23 82 16 11-0072	SF >15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	168.60	37.85
	For 10 Fins Per Inch, Add	1.86	
	For 12 Fins Per Inch, Add	4.64	
	For 230 PSIG Heavy Duty, Add	41.29	
23 82 16 11-0073	2 Row Hot Water Heating Coils <small>(23 82 16 11-0058)</small>		
23 82 16 11-0074	EA 12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,217.77	170.85
	For 10 Fins Per Inch, Add	17.54	
	For 12 Fins Per Inch, Add	43.84	
	For 230 PSIG Heavy Duty, Add	277.66	
23 82 16 11-0075	EA 12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,354.52	227.12
	For 10 Fins Per Inch, Add	18.00	
	For 12 Fins Per Inch, Add	44.99	
	For 230 PSIG Heavy Duty, Add	316.37	
23 82 16 11-0076	EA 24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,858.73	341.70
	For 10 Fins Per Inch, Add	23.53	
	For 12 Fins Per Inch, Add	58.84	
	For 230 PSIG Heavy Duty, Add	439.95	
23 82 16 11-0077	EA 24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,312.53	486.97
	For 10 Fins Per Inch, Add	26.76	
	For 12 Fins Per Inch, Add	66.91	
	For 230 PSIG Heavy Duty, Add	559.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0078	EA		30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,703.29	601.55
			For 10 Fins Per Inch, Add	29.99	
			For 12 Fins Per Inch, Add	74.99	
			For 230 PSIG Heavy Duty, Add	661.02	
23 82 16 11-0079	EA		30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,961.21	730.46
			For 10 Fins Per Inch, Add	29.99	
			For 12 Fins Per Inch, Add	74.99	
			For 230 PSIG Heavy Duty, Add	738.39	
23 82 16 11-0080	EA		30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,366.30	853.22
			For 10 Fins Per Inch, Add	33.22	
			For 12 Fins Per Inch, Add	83.06	
			For 230 PSIG Heavy Duty, Add	843.77	
23 82 16 11-0081	EA		30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,088.33	991.34
			For 10 Fins Per Inch, Add	42.11	
			For 12 Fins Per Inch, Add	105.28	
			For 230 PSIG Heavy Duty, Add	1,015.93	
23 82 16 11-0082	EA		34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,764.51	427.74
			For 10 Fins Per Inch, Add	18.18	
			For 12 Fins Per Inch, Add	45.46	
			For 230 PSIG Heavy Duty, Add	438.44	
23 82 16 11-0083	EA		34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,648.91	642.58
			For 10 Fins Per Inch, Add	27.27	
			For 12 Fins Per Inch, Add	68.18	
			For 230 PSIG Heavy Duty, Add	658.31	
23 82 16 11-0084	EA		34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,983.09	968.83
			For 10 Fins Per Inch, Add	40.91	
			For 12 Fins Per Inch, Add	102.28	
			For 230 PSIG Heavy Duty, Add	990.38	
23 82 16 11-0085	EA		34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,649.82	1,131.69
			For 10 Fins Per Inch, Add	47.73	
			For 12 Fins Per Inch, Add	119.32	
			For 230 PSIG Heavy Duty, Add	1,156.30	
23 82 16 11-0086			Hot Water Preheat Coils For Multi-Zone Air Handling Units <small>(23 82 16 11)</small>		
			Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 11-0087	EA		3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	981.17	129.93
23 82 16 11-0088	EA		4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,221.12	128.90
23 82 16 11-0089	EA		5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,478.58	138.11
23 82 16 11-0090	EA		6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,708.32	150.38
23 82 16 11-0091	EA		7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,722.21	157.55
23 82 16 11-0092	EA		9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,060.45	165.73
23 82 16 11-0093	EA		11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,148.60	186.20
23 82 16 11-0094	EA		13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,378.73	208.70
23 82 16 11-0095	EA		16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,690.93	249.63
23 82 16 11-0096	EA		19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,924.18	261.90
23 82 16 11-0097	EA		22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,690.86	277.24
23 82 16 11-0098	EA		27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,726.28	379.55
23 82 16 11-0099	EA		34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,927.54	465.48
23 82 16 11-0100	EA		40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	6,852.73	486.97
23 82 16 11-0101	EA		47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	8,046.93	567.79
23 82 16 12			Steam Air Coils <small>(23 82 16)</small>		
23 82 16 12-0001			Steam Heating Coils <small>(23 82 16 12)</small>		
			Note: Flanged construction.		
23 82 16 12-0002	EA		12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	837.26	96.17
			For 2 Row Coil, Add	289.42	
			For 4 Row Coil, Add	752.04	
23 82 16 12-0003	EA		12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	957.90	132.99
			For 2 Row Coil, Add	340.52	
			For 4 Row Coil, Add	880.58	
23 82 16 12-0004	EA		24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	1,329.51	238.37
			For 2 Row Coil, Add	494.02	
			For 4 Row Coil, Add	1,268.21	
23 82 16 12-0005	EA		24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,720.29	341.70
			For 2 Row Coil, Add	652.49	
			For 4 Row Coil, Add	1,669.50	
23 82 16 12-0006	EA		30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,948.99	409.22
			For 2 Row Coil, Add	748.39	
			For 4 Row Coil, Add	1,911.12	
23 82 16 12-0007	EA		30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	2,245.89	511.52
			For 2 Row Coil, Add	878.38	
			For 4 Row Coil, Add	2,236.62	
23 82 16 12-0008	EA		30" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	2,474.92	567.79
			For 2 Row Coil, Add	969.82	
			For 4 Row Coil, Add	2,468.73	
23 82 16 12-0009	EA		30" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	3,021.41	662.63
			For 2 Row Coil, Add	1,171.46	
			For 4 Row Coil, Add	2,986.96	
23 82 16 12-0010	EA		34" x 32" Steam Heating Coils, 1 Row Flanged Construction.....	1,304.52	286.04
			For 2 Row Coil, Add	505.79	
			For 4 Row Coil, Add	1,289.65	
23 82 16 12-0011	EA		34" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,956.78	429.17
			For 2 Row Coil, Add	758.69	
			For 4 Row Coil, Add	1,934.48	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	2,933.00	642.58
		<i>For 2 Row Coil, Add</i>	1,136.95	
		<i>For 4 Row Coil, Add</i>	2,899.05	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	3,426.88	752.25
		<i>For 2 Row Coil, Add</i>	1,328.96	
		<i>For 4 Row Coil, Add</i>	3,388.43	

23 82 16 13 Refrigerant Air Coils (23 82 16)**23 82 16 13-0001 Direct Expansion Cooling Coils (23 82 16 13)**

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils (23 82 16 13-0001)

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	619.90	76.73
		<i>For 10 Fins Per Inch, Add</i>	9.32	
		<i>For 12 Fins Per Inch, Add</i>	23.30	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,143.07	105.38
		<i>For 10 Fins Per Inch, Add</i>	18.64	
		<i>For 12 Fins Per Inch, Add</i>	46.61	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,599.00	165.73
		<i>For 10 Fins Per Inch, Add</i>	25.38	
		<i>For 12 Fins Per Inch, Add</i>	63.45	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,975.54	238.37
		<i>For 10 Fins Per Inch, Add</i>	29.99	
		<i>For 12 Fins Per Inch, Add</i>	74.99	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,315.04	291.56
		<i>For 10 Fins Per Inch, Add</i>	34.61	
		<i>For 12 Fins Per Inch, Add</i>	86.52	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,620.56	352.95
		<i>For 10 Fins Per Inch, Add</i>	38.30	
		<i>For 12 Fins Per Inch, Add</i>	95.75	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,010.33	409.22
		<i>For 10 Fins Per Inch, Add</i>	43.84	
		<i>For 12 Fins Per Inch, Add</i>	109.59	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,732.66	477.15
		<i>For 10 Fins Per Inch, Add</i>	55.57	
		<i>For 12 Fins Per Inch, Add</i>	138.92	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,430.93	181.39
		<i>For 10 Fins Per Inch, Add</i>	21.36	
		<i>For 12 Fins Per Inch, Add</i>	53.41	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,936.65	308.85
		<i>For 10 Fins Per Inch, Add</i>	26.38	
		<i>For 12 Fins Per Inch, Add</i>	65.94	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,487.13	463.34
		<i>For 10 Fins Per Inch, Add</i>	31.21	
		<i>For 12 Fins Per Inch, Add</i>	78.02	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,760.03	539.55
		<i>For 10 Fins Per Inch, Add</i>	33.62	
		<i>For 12 Fins Per Inch, Add</i>	84.04	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils (23 82 16 13-0001)

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,004.52	106.39
		<i>For 10 Fins Per Inch, Add</i>	15.83	
		<i>For 12 Fins Per Inch, Add</i>	39.57	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,435.93	153.46
		<i>For 10 Fins Per Inch, Add</i>	22.61	
		<i>For 12 Fins Per Inch, Add</i>	56.53	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,011.23	255.76
		<i>For 10 Fins Per Inch, Add</i>	29.99	
		<i>For 12 Fins Per Inch, Add</i>	74.99	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,534.39	379.55
		<i>For 10 Fins Per Inch, Add</i>	35.53	
		<i>For 12 Fins Per Inch, Add</i>	88.83	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,960.42	465.48
		<i>For 10 Fins Per Inch, Add</i>	40.61	
		<i>For 12 Fins Per Inch, Add</i>	101.52	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,536.26	568.82
		<i>For 10 Fins Per Inch, Add</i>	47.99	
		<i>For 12 Fins Per Inch, Add</i>	119.98	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,994.32	682.37
		<i>For 10 Fins Per Inch, Add</i>	52.61	
		<i>For 12 Fins Per Inch, Add</i>	131.51	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,048.84	794.30
		<i>For 10 Fins Per Inch, Add</i>	49.21	
		<i>For 12 Fins Per Inch, Add</i>	123.01	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,369.84	342.83
		<i>For 10 Fins Per Inch, Add</i>	33.68	
		<i>For 12 Fins Per Inch, Add</i>	84.21	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,110.74	515.62
		<i>For 10 Fins Per Inch, Add</i>	41.59	
		<i>For 12 Fins Per Inch, Add</i>	103.97	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,844.09	906.93
		<i>For 10 Fins Per Inch, Add</i>	60.60	
		<i>For 12 Fins Per Inch, Add</i>	151.51	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,567.38	1,056.91
		<i>For 10 Fins Per Inch, Add</i>	69.07	
		<i>For 12 Fins Per Inch, Add</i>	172.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 82 16 13-0028 6 Row Direct Expansion Cooling Coils <small>(23 82 16 13-0001)</small>					
23 82 16 13-0029	EA	12"	x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,284.41	134.02
			For 10 Fins Per Inch, Add	20.30	
			For 12 Fins Per Inch, Add	50.76	
23 82 16 13-0030	EA	12"	x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,531.75	200.52
			For 10 Fins Per Inch, Add	22.61	
			For 12 Fins Per Inch, Add	56.53	
23 82 16 13-0031	EA	24"	x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,274.03	341.70
			For 10 Fins Per Inch, Add	31.84	
			For 12 Fins Per Inch, Add	79.60	
23 82 16 13-0032	EA	24"	x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,984.21	511.52
			For 10 Fins Per Inch, Add	39.22	
			For 12 Fins Per Inch, Add	98.06	
23 82 16 13-0033	EA	30"	x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,886.00	639.41
			For 10 Fins Per Inch, Add	52.14	
			For 12 Fins Per Inch, Add	130.36	
23 82 16 13-0034	EA	30"	x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,481.04	786.73
			For 10 Fins Per Inch, Add	58.14	
			For 12 Fins Per Inch, Add	145.36	
23 82 16 13-0035	EA	30"	x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,228.67	929.95
			For 10 Fins Per Inch, Add	67.37	
			For 12 Fins Per Inch, Add	168.43	
23 82 16 13-0036	EA	30"	x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,195.48	1,083.71
			For 10 Fins Per Inch, Add	60.56	
			For 12 Fins Per Inch, Add	151.40	
23 82 16 13-0037	EA	34"	x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,009.64	468.45
			For 10 Fins Per Inch, Add	41.46	
			For 12 Fins Per Inch, Add	103.64	
23 82 16 13-0038	EA	34"	x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,964.60	702.63
			For 10 Fins Per Inch, Add	51.19	
			For 12 Fins Per Inch, Add	127.97	
23 82 16 13-0039	EA	34"	x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,124.56	1,048.21
			For 10 Fins Per Inch, Add	60.56	
			For 12 Fins Per Inch, Add	151.41	
23 82 16 13-0040	EA	34"	x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,721.12	1,229.60
			For 10 Fins Per Inch, Add	65.24	
			For 12 Fins Per Inch, Add	163.09	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils <small>(23 82 16 13-0001)</small>					
23 82 16 13-0042	EA	12"	x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,593.76	161.64
			For 10 Fins Per Inch, Add	25.38	
			For 12 Fins Per Inch, Add	63.45	
23 82 16 13-0043	EA	12"	x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,975.68	249.63
			For 10 Fins Per Inch, Add	29.53	
			For 12 Fins Per Inch, Add	73.83	
23 82 16 13-0044	EA	24"	x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,023.81	445.03
			For 10 Fins Per Inch, Add	42.68	
			For 12 Fins Per Inch, Add	106.71	
23 82 16 13-0045	EA	24"	x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,109.68	682.37
			For 10 Fins Per Inch, Add	54.91	
			For 12 Fins Per Inch, Add	137.28	
23 82 16 13-0046	EA	30"	x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,969.84	853.22
			For 10 Fins Per Inch, Add	65.30	
			For 12 Fins Per Inch, Add	163.24	
23 82 16 13-0047	EA	30"	x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,806.90	1,023.05
			For 10 Fins Per Inch, Add	75.22	
			For 12 Fins Per Inch, Add	188.04	
23 82 16 13-0048	EA	30"	x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,634.13	1,136.60
			For 10 Fins Per Inch, Add	87.21	
			For 12 Fins Per Inch, Add	218.04	
23 82 16 13-0049	EA	30"	x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,043.23	1,318.40
			For 10 Fins Per Inch, Add	68.13	
			For 12 Fins Per Inch, Add	170.33	
23 82 16 13-0050	EA	34"	x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,473.68	570.86
			For 10 Fins Per Inch, Add	46.64	
			For 12 Fins Per Inch, Add	116.59	
23 82 16 13-0051	EA	34"	x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,595.75	858.23
			For 10 Fins Per Inch, Add	57.58	
			For 12 Fins Per Inch, Add	143.96	
23 82 16 13-0052	EA	34"	x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,990.12	1,291.70
			For 10 Fins Per Inch, Add	68.13	
			For 12 Fins Per Inch, Add	170.33	
23 82 16 13-0053	EA	34"	x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,678.59	1,504.49
			For 10 Fins Per Inch, Add	73.39	
			For 12 Fins Per Inch, Add	183.48	

23 82 16 14 Electric-Resistance Air Coils (23 82 16)

23 82 16 14-0001	Standard Electric Slip-In Blast Coil Heater <small>(23 82 16 14)</small>				
23 82 16 14-0002	Electric Slip-In Blast Coil Heater With Open Coil Element <small>(23 82 16 14-0001)</small>				
23 82 16 14-0003	EA	1/2	KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	325.75	76.46
23 82 16 14-0004	EA	1	KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	338.48	82.42
23 82 16 14-0005	EA	2	KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	353.52	90.36
23 82 16 14-0006	EA	3	KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	358.58	93.34

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	371.57	99.30
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	386.53	107.24
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	442.26	120.15
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	454.38	126.11
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	464.30	130.08
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	478.82	138.02
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	519.76	145.97
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	548.02	159.87
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	576.11	173.77
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	604.18	187.67
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	778.47	262.15
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,268.05	279.02
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,402.24	319.74
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,641.73	354.50
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,731.44	385.28
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,897.41	423.01
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,287.56	451.80
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,505.98	485.56
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,000.81	524.29
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,366.43	569.96

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element (23 82 16 14-0001)

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	779.77	109.23
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	815.99	119.16
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	833.64	119.16
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	872.87	131.07
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,167.65	131.07
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,195.89	131.07
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,217.97	145.97
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,245.54	163.84
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,261.43	163.84
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,464.59	187.67
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,739.95	187.67
23 82 16 14-0039	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,898.43	218.45
23 82 16 14-0040	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,549.77	218.45

23 82 19 Fan Coil Units (23 82)**23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units (23 82 19)**

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil (23 82 19 00-0001)

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,747.79	165.73
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-51.50	
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,924.04	193.36
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-54.30	
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,130.52	217.91
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.77	
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,471.61	249.63
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.95	
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,774.60	261.90
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-104.35	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,789.24	277.24
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.48	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,608.58	300.78
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-110.14	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil (23 82 19 00-0001)

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	954.14	165.73
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-51.50	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,162.75	193.36
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-54.30	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,381.56	217.91
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.77	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,656.54	249.63
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.95	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,990.35	262.92
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-104.35	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,097.46	277.24
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.48	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	5,194.18	300.78
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-110.14	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units (23 82 19)

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil (23 82 19 00-0018)

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,686.15	164.71
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-219.92	
		<i>For Thru-Wall Sleeve, Add</i>	121.00	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-51.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0021 EA 300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,927.12	193.36
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-250.46	
<i>For Thru-Wall Sleeve, Add</i>	132.21	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-54.30	
23 82 19 00-0022 EA 400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,284.62	217.91
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-299.16	
<i>For Thru-Wall Sleeve, Add</i>	142.07	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.77	
23 82 19 00-0023 EA 600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,625.71	249.63
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-343.95	
<i>For Thru-Wall Sleeve, Add</i>	154.81	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.95	
23 82 19 00-0024 EA 800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,959.53	262.92
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-391.47	
<i>For Thru-Wall Sleeve, Add</i>	159.93	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-104.35	
23 82 19 00-0025 EA 1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	3,789.24	277.24
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-513.09	
<i>For Thru-Wall Sleeve, Add</i>	165.60	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.48	
23 82 19 00-0026 EA 1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	4,454.47	300.78
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-607.99	
<i>For Thru-Wall Sleeve, Add</i>	175.36	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-110.14	
23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil <small>(23 82 19 00-0018)</small>		
23 82 19 00-0028 EA 200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,871.08	164.71
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-247.66	
<i>For Thru-Wall Sleeve, Add</i>	121.00	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-51.50	
23 82 19 00-0029 EA 300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,112.05	193.36
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-278.20	
<i>For Thru-Wall Sleeve, Add</i>	132.21	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-54.30	
23 82 19 00-0030 EA 400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,592.84	217.91
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-345.39	
<i>For Thru-Wall Sleeve, Add</i>	142.07	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.77	
23 82 19 00-0031 EA 600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,964.75	249.63
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-394.81	
<i>For Thru-Wall Sleeve, Add</i>	154.81	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.95	
23 82 19 00-0032 EA 800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,298.56	262.92
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-442.32	
<i>For Thru-Wall Sleeve, Add</i>	159.93	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-104.35	
23 82 19 00-0033 EA 1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,943.35	277.24
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-536.20	
<i>For Thru-Wall Sleeve, Add</i>	165.60	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.48	
23 82 19 00-0034 EA 1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,608.58	300.78
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-631.11	
<i>For Thru-Wall Sleeve, Add</i>	175.36	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-110.14	
23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units <small>(23 82 19)</small>		
Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0036 EA Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	434.97	
23 82 29 Radiators <small>(23 82)</small>		
23 82 29 00-0001 Demolish Cast Iron Radiators <small>(23 82 29)</small>		
23 82 29 00-0002 LF Demolish Cast Iron Radiator.....	30.68	
23 82 29 00-0003 EA Cap Radiator.....	41.28	
23 82 29 00-0004 Cast Iron Radiator <small>(23 82 29)</small>		
23 82 29 00-0005 EA 19" High Cast Iron Radiator Section, Free Standing.....	47.56	
<i>For Wall Support Bracket, Add</i>	27.28	
23 82 29 00-0006 EA 25" High Cast Iron Radiator Section, Free Standing.....	67.58	
<i>For Wall Support Bracket, Add</i>	28.61	
23 82 29 00-0007 EA 30" High Cast Iron Radiator Section, Free Standing.....	78.67	
23 82 29 00-0008 EA 36" High Cast Iron Radiator Section, Free Standing.....	99.18	
23 82 29 00-0009 EA 20" High Cast Iron Radiator Section, Recessed With Grille.....	65.87	
23 82 29 00-0010 Radiator Covers <small>(23 82 29)</small>		
Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011 SF 14 Gauge Stainless Steel Radiator Cover	80.10	5.39
23 82 29 00-0012 SF Primed And Painted, Galvanized Steel Radiator Cover.....	51.22	5.39
23 82 29 00-0013 Radiator Shields <small>(23 82 29)</small>		
23 82 29 00-0014 SF Stainless Steel Radiator Shield.....	49.88	5.39

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield.....	29.35	5.39
23 82 29 00-0016		Remove And Reinstall Radiator <small>(23 82 29)</small>		
		Note: Includes storage and cleaning.		
23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	76.73	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	51.15	
23 82 33		Convectors <small>(23 82)</small>		
23 82 33 00-0001		Multi-Fin Convectors For Two-Pipe System <small>(23 82 33)</small>		
		Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		20" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	457.71	112.54
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	57.15	
		For Snap-On Inlet Grille, Add	44.10	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	100.52	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	537.03	122.77
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	61.80	
		For Snap-On Inlet Grille, Add	47.20	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	122.86	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	618.81	145.27
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	71.98	
		For Snap-On Inlet Grille, Add	53.98	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	139.61	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	739.80	168.80
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	82.72	
		For Snap-On Inlet Grille, Add	61.15	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	169.42	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	882.50	202.56
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	98.06	
		For Snap-On Inlet Grille, Add	71.37	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	201.48	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	991.66	222.81
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	107.25	
		For Snap-On Inlet Grille, Add	77.50	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	228.95	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,154.82	270.08
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	128.73	
		For Snap-On Inlet Grille, Add	91.82	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	261.01	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,258.91	286.97
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	136.40	
		For Snap-On Inlet Grille, Add	96.94	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	288.48	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,375.42	320.72
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	151.73	
		For Snap-On Inlet Grille, Add	107.16	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	311.37	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,518.21	354.48
		For Knob Operated Damper, Add	15.00	
		For Metal Trim Strips, Add	167.09	
		For Snap-On Inlet Grille, Add	117.40	
		For Access Doors Hinged, Add	15.00	
		For Air Chamber, Auto-vent, Add	18.00	
		For 3 Tubes System, Add	343.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0013	EA		20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,634.74	388.24
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	182.43	
			For Snap-On Inlet Grille, Add	127.62	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	366.32	
23 82 33 00-0014			26" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0015	EA		26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	541.14	148.03
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	72.61	
			For Snap-On Inlet Grille, Add	54.40	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	111.69	
23 82 33 00-0016	EA		26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	634.95	171.98
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	83.35	
			For Snap-On Inlet Grille, Add	61.56	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	132.00	
23 82 33 00-0017	EA		26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	766.85	201.95
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	96.80	
			For Snap-On Inlet Grille, Add	70.54	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	162.46	
23 82 33 00-0018	EA		26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	896.31	225.17
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	107.23	
			For Snap-On Inlet Grille, Add	77.48	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	195.61	
23 82 33 00-0019	EA		26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,044.08	253.21
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	119.84	
			For Snap-On Inlet Grille, Add	85.89	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	232.62	
23 82 33 00-0020	EA		26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,166.44	274.28
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	129.36	
			For Snap-On Inlet Grille, Add	92.24	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	264.34	
23 82 33 00-0021	EA		26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,330.27	312.54
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	146.78	
			For Snap-On Inlet Grille, Add	103.86	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	301.35	
23 82 33 00-0022	EA		26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,449.21	331.67
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	155.28	
			For Snap-On Inlet Grille, Add	109.52	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	333.07	
23 82 33 00-0023	EA		26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,569.02	361.64
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	168.56	
			For Snap-On Inlet Grille, Add	118.37	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	359.50	
23 82 33 00-0024	EA		26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,719.49	391.01
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	181.98	
			For Snap-On Inlet Grille, Add	127.32	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	396.51	
23 82 33 00-0025	EA		26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,835.28	417.91
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	194.06	
			For Snap-On Inlet Grille, Add	135.37	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	422.94	
23 82 33 00-0026			32" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	623.69	180.05
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	87.80	
		<i>For Snap-On Inlet Grille, Add</i>	64.53	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	122.86	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	744.85	217.91
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	105.00	
		<i>For Snap-On Inlet Grille, Add</i>	76.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	145.19	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	896.34	254.74
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	121.73	
		<i>For Snap-On Inlet Grille, Add</i>	87.15	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	178.70	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,034.19	276.84
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	131.83	
		<i>For Snap-On Inlet Grille, Add</i>	93.88	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	215.17	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,183.92	299.14
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	141.85	
		<i>For Snap-On Inlet Grille, Add</i>	100.57	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	255.88	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,316.55	320.72
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	151.73	
		<i>For Snap-On Inlet Grille, Add</i>	107.16	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	290.77	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,473.99	347.73
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	164.07	
		<i>For Snap-On Inlet Grille, Add</i>	115.38	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	331.48	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,607.65	370.04
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	174.26	
		<i>For Snap-On Inlet Grille, Add</i>	122.18	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	366.37	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,727.56	395.00
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	185.31	
		<i>For Snap-On Inlet Grille, Add</i>	129.54	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	395.45	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,880.65	418.63
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	196.35	
		<i>For Snap-On Inlet Grille, Add</i>	136.90	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	436.16	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,993.89	438.89
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	205.40	
		<i>For Snap-On Inlet Grille, Add</i>	142.93	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	465.23	
23 82 33 00-0038		Electric Convectors, Floor Standing Units <small>(23 82 33)</small>		
23 82 33 00-0039		4" Deep Electric Convectors <small>(23 82 33 00-0038)</small>		
23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	487.75	106.51
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	537.09	106.51
23 82 33 00-0042		6" Deep Electric Convectors <small>(23 82 33 00-0038)</small>		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	558.86	106.51
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	635.76	106.51
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	702.17	106.51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 82 33 00-0046 EA 74" Long x 20" High x 6" Deep Electric Convector, Floor Standing Units	806.54	106.51
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23 82 36 Finned-Tube Radiation Heaters (23 82)

23 82 36 00-0001 Electric Baseboard Heating (23 82 36) Note: Includes 24 gauge steel enclosure and heating element		
23 82 36 00-0002 Electric Wall Heating 10" Enclosure (23 82 36 00-0001)		
23 82 36 00-0003 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	122.45	59.17
23 82 36 00-0004 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	124.72	59.17

23 82 36 00-0005 Electric Wall Heating 16" Enclosure (23 82 36 00-0001)		
23 82 36 00-0006 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	145.21	59.17
23 82 36 00-0007 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	150.91	59.17

23 82 36 00-0008 Finned Tube Baseboard Units (23 82 36)
Note: Complete with steel enclosure. Single heating element.

23 82 36 00-0009 3/4" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0010 EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	304.71	39.90
For 90 Degree Corner, Add	48.61	
For Valve Enclosure, Add	48.61	
For Filler Piece, Add	41.61	
For End Cap, Add	33.09	
For Copper Tube With Aluminum Fins, Add	6.14	
23 82 36 00-0011 EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	400.04	60.36
For 90 Degree Corner, Add	56.50	
For Valve Enclosure, Add	56.50	
For Filler Piece, Add	49.50	
For End Cap, Add	38.23	
For Copper Tube With Aluminum Fins, Add	9.21	
23 82 36 00-0012 EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	479.13	79.79
For 90 Degree Corner, Add	61.15	
For Valve Enclosure, Add	61.15	
For Filler Piece, Add	54.15	
For End Cap, Add	41.25	
For Copper Tube With Aluminum Fins, Add	12.29	
23 82 36 00-0013 EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	596.93	111.71
For 90 Degree Corner, Add	73.84	
For Valve Enclosure, Add	73.84	
For Filler Piece, Add	66.84	
For End Cap, Add	49.49	
For Copper Tube With Aluminum Fins, Add	15.28	
23 82 36 00-0014 EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	714.28	134.22
For 90 Degree Corner, Add	86.73	
For Valve Enclosure, Add	86.73	
For Filler Piece, Add	79.73	
For End Cap, Add	57.87	
For Copper Tube With Aluminum Fins, Add	18.19	
23 82 36 00-0015 EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	806.00	143.22
For 90 Degree Corner, Add	91.84	
For Valve Enclosure, Add	91.84	
For Filler Piece, Add	84.84	
For End Cap, Add	61.20	
For Copper Tube With Aluminum Fins, Add	21.82	
23 82 36 00-0016 EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	888.66	158.27
For 90 Degree Corner, Add	100.44	
For Valve Enclosure, Add	100.44	
For Filler Piece, Add	93.44	
For End Cap, Add	66.79	
For Copper Tube With Aluminum Fins, Add	24.01	
23 82 36 00-0017 EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,014.11	179.04
For 90 Degree Corner, Add	112.30	
For Valve Enclosure, Add	112.30	
For Filler Piece, Add	105.30	
For End Cap, Add	74.50	
For Copper Tube With Aluminum Fins, Add	27.64	
23 82 36 00-0018 EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,118.22	196.94
For 90 Degree Corner, Add	122.55	
For Valve Enclosure, Add	122.55	
For Filler Piece, Add	115.55	
For End Cap, Add	81.15	
For Copper Tube With Aluminum Fins, Add	30.55	

23 82 36 00-0019 1" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0020 EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	352.59	39.90
For 90 Degree Corner, Add	48.61	
For Valve Enclosure, Add	48.61	
For Filler Piece, Add	41.61	
For End Cap, Add	33.09	
For Copper Tube With Aluminum Fins, Add	8.78	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating And Cooling Units



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 82 36 00-0021	EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	471.84	60.36
	For 90 Degree Corner, Add	56.50	
	For Valve Enclosure, Add	56.50	
	For Filler Piece, Add	49.50	
	For End Cap, Add	38.23	
	For Copper Tube With Aluminum Fins, Add	13.16	
23 82 36 00-0022	EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	574.87	79.79
	For 90 Degree Corner, Add	61.15	
	For Valve Enclosure, Add	61.15	
	For Filler Piece, Add	54.15	
	For End Cap, Add	41.25	
	For Copper Tube With Aluminum Fins, Add	17.55	
23 82 36 00-0023	EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	716.09	111.71
	For 90 Degree Corner, Add	73.86	
	For Valve Enclosure, Add	73.86	
	For Filler Piece, Add	66.86	
	For End Cap, Add	49.51	
	For Copper Tube With Aluminum Fins, Add	21.82	
23 82 36 00-0024	EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	855.82	134.22
	For 90 Degree Corner, Add	86.69	
	For Valve Enclosure, Add	86.69	
	For Filler Piece, Add	79.69	
	For End Cap, Add	57.85	
	For Copper Tube With Aluminum Fins, Add	25.98	
23 82 36 00-0025	EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	976.06	143.22
	For 90 Degree Corner, Add	91.84	
	For Valve Enclosure, Add	91.84	
	For Filler Piece, Add	84.84	
	For End Cap, Add	61.20	
	For Copper Tube With Aluminum Fins, Add	31.18	
23 82 36 00-0026	EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,075.39	158.27
	For 90 Degree Corner, Add	100.37	
	For Valve Enclosure, Add	100.37	
	For Filler Piece, Add	93.37	
	For End Cap, Add	66.74	
	For Copper Tube With Aluminum Fins, Add	34.29	
23 82 36 00-0027	EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,229.52	179.04
	For 90 Degree Corner, Add	112.30	
	For Valve Enclosure, Add	112.30	
	For Filler Piece, Add	105.30	
	For End Cap, Add	74.50	
	For Copper Tube With Aluminum Fins, Add	39.49	
23 82 36 00-0028	EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,355.69	196.94
	For 90 Degree Corner, Add	122.42	
	For Valve Enclosure, Add	122.42	
	For Filler Piece, Add	115.42	
	For End Cap, Add	81.07	
	For Copper Tube With Aluminum Fins, Add	43.65	
23 82 36 00-0029	1-1/4" IPS Steel Tube With Steel Fins <small>(23 82 36 00-0008)</small>		
23 82 36 00-0030	EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	400.45	39.90
	For 90 Degree Corner, Add	48.61	
	For Valve Enclosure, Add	48.61	
	For Filler Piece, Add	41.61	
	For End Cap, Add	33.09	
	For Copper Tube With Aluminum Fins, Add	11.41	
23 82 36 00-0031	EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	543.64	60.36
	For 90 Degree Corner, Add	56.50	
	For Valve Enclosure, Add	56.50	
	For Filler Piece, Add	49.50	
	For End Cap, Add	38.23	
	For Copper Tube With Aluminum Fins, Add	17.11	
23 82 36 00-0032	EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	670.60	79.79
	For 90 Degree Corner, Add	61.15	
	For Valve Enclosure, Add	61.15	
	For Filler Piece, Add	54.15	
	For End Cap, Add	41.25	
	For Copper Tube With Aluminum Fins, Add	22.82	
23 82 36 00-0033	EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	835.12	111.71
	For 90 Degree Corner, Add	73.86	
	For Valve Enclosure, Add	73.86	
	For Filler Piece, Add	66.86	
	For End Cap, Add	49.51	
	For Copper Tube With Aluminum Fins, Add	28.37	
23 82 36 00-0034	EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	997.53	134.22
	For 90 Degree Corner, Add	86.69	
	For Valve Enclosure, Add	86.69	
	For Filler Piece, Add	79.69	
	For End Cap, Add	57.85	
	For Copper Tube With Aluminum Fins, Add	33.77	
23 82 36 00-0035	EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,146.11	143.22
	For 90 Degree Corner, Add	91.84	
	For Valve Enclosure, Add	91.84	
	For Filler Piece, Add	84.84	
	For End Cap, Add	61.20	
	For Copper Tube With Aluminum Fins, Add	40.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0036	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,262.45	158.27
			For 90 Degree Corner, Add	100.37	
			For Valve Enclosure, Add	100.37	
			For Filler Piece, Add	93.37	
			For End Cap, Add	66.74	
			For Copper Tube With Aluminum Fins, Add	44.58	
23 82 36 00-0037	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,444.92	179.04
			For 90 Degree Corner, Add	112.30	
			For Valve Enclosure, Add	112.30	
			For Filler Piece, Add	105.30	
			For End Cap, Add	74.50	
			For Copper Tube With Aluminum Fins, Add	51.34	
23 82 36 00-0038	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,593.76	196.94
			For 90 Degree Corner, Add	122.42	
			For Valve Enclosure, Add	122.42	
			For Filler Piece, Add	115.42	
			For End Cap, Add	81.07	
			For Copper Tube With Aluminum Fins, Add	56.74	
23 82 39 Unit Heaters (23 82)					
23 82 39 13 Cabinet Unit Heaters (23 82 39)					
23 82 39 13-0001			Electric Cabinet Unit Heaters (23 82 39 13)		
Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.					
23 82 39 13-0002			Electric Cabinet Unit Heaters, 35" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0003	EA		2 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,343.06	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0004	EA		3 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,361.26	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0005	EA		4 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,379.46	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0006	EA		5 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,397.65	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0007	EA		6 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,415.86	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0008	EA		7 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,434.06	134.48
			Note: Wall or floor mounted.		
23 82 39 13-0009	EA		8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,452.99	134.48
23 82 39 13-0010	EA		For Ceiling Installation of 35" Cabinet Unit Heater, Add	179.67	89.30
23 82 39 13-0011			Electric Cabinet Unit Heaters, 45" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0012	EA		4 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,495.13	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0013	EA		6 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,531.54	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0014	EA		8 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,567.93	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0015	EA		10 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,604.34	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0016	EA		12 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,640.74	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0017	EA		14 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,677.14	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0018	EA		16 KW, 500 CFM, 45" Electric Cabinet Unit Heater	2,713.54	161.37
			Note: Wall or floor mounted.		
23 82 39 13-0019	EA		For Ceiling Installation of 45" Cabinet Unit Heater, Add	215.17	107.58
23 82 39 13-0020			Electric Cabinet Unit Heaters, 58" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0021	EA		6 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,136.34	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0022	EA		8 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,172.74	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0023	EA		10 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,209.14	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0024	EA		12 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,245.54	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0025	EA		14 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,281.95	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0026	EA		16 KW, 750 CFM, 58" Electric Cabinet Unit Heater	3,318.34	215.17
			Note: Wall or floor mounted.		
23 82 39 13-0027	EA		For Ceiling Installation of 58" Cabinet Unit Heater, Add	268.95	134.48
23 82 39 13-0028			Electric Cabinet Unit Heaters, 68" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0029	EA		6 KW, 750 CFM, 68" Electric Cabinet Unit Heater	3,704.77	268.95
			Note: Wall or floor mounted.		
23 82 39 13-0030	EA		9 KW, 750 CFM, 68" Electric Cabinet Unit Heater	3,759.37	268.95
			Note: Wall or floor mounted.		
23 82 39 13-0031	EA		12 KW, 750 CFM, 68" Electric Cabinet Unit Heater	3,813.97	268.95
			Note: Wall or floor mounted.		
23 82 39 13-0032	EA		15 KW, 750 CFM, 68" Electric Cabinet Unit Heater	3,868.56	268.95
			Note: Wall or floor mounted.		
23 82 39 13-0033	EA		18 KW, 750 CFM, 68" Electric Cabinet Unit Heater	3,923.18	268.95
			Note: Wall or floor mounted.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating And Cooling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0034	EA		21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,977.77	268.95
23 82 39 13-0035	EA		24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,032.37	268.95
23 82 39 13-0036	EA		For Ceiling Installation of 68" Cabinet Unit Heater, Add.....	359.33	179.66
23 82 39 13-0037			Electric Cabinet Unit Heaters, 78" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0038	EA		8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,345.98	322.75
23 82 39 13-0039	EA		12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,418.78	322.75
23 82 39 13-0040	EA		16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,491.58	322.75
23 82 39 13-0041	EA		20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,564.38	322.75
23 82 39 13-0042	EA		24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,637.18	322.75
23 82 39 13-0043	EA		28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,709.98	322.75
23 82 39 13-0044	EA		32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,782.78	322.75
23 82 39 13-0045	EA		For Ceiling Installation of 78" Cabinet Unit Heater, Add.....	430.32	215.17
23 82 39 13-0046			Removal and Reinstallation of Cabinet Unit Heaters (23 82 39 13) Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA		Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall.....	281.34	
23 82 39 13-0048	EA		Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall.....	485.96	
23 82 39 13-0049	EA		Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling.....	580.07	
23 82 39 13-0050	EA		Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling.....	784.67	
23 82 39 16			Propeller Unit Heaters (23 82 39)		
23 82 39 16-0001			Hydronic Unit Heaters Using Steam Or Hot Water (23 82 39 16) Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
23 82 39 16-0002			Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)		
23 82 39 16-0003	EA		18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	763.83	102.30
23 82 39 16-0004	EA		24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	765.35	102.30
23 82 39 16-0005	EA		36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	853.03	102.30
23 82 39 16-0006	EA		48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,046.59	153.46
23 82 39 16-0007	EA		60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,091.45	153.46
23 82 39 16-0008	EA		72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,158.24	153.46
23 82 39 16-0009	EA		84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,392.05	204.61
23 82 39 16-0010	EA		96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,526.63	204.61
23 82 39 16-0011	EA		108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,612.27	204.61
23 82 39 16-0012	EA		120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,681.60	204.61
23 82 39 16-0013	EA		132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,900.13	255.76
23 82 39 16-0014	EA		144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,923.59	255.76
23 82 39 16-0015	EA		156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,946.02	255.76
23 82 39 16-0016	EA		180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,075.79	306.91
23 82 39 16-0017	EA		204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,251.15	306.91
23 82 39 16-0018	EA		240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,568.73	358.06
23 82 39 16-0019	EA		280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,203.89	358.06
23 82 39 16-0020	EA		300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,410.10	409.22
23 82 39 16-0021	EA		360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,062.60	409.22
23 82 39 16-0022	EA		Fan Guard For Fan Propelled Steam Unit Heater, Horizontal..... Note: Required only for unit heaters located within 7' of a working surface.	206.61	25.58
23 82 39 16-0023			Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)		
23 82 39 16-0024	EA		41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,106.75	102.30
23 82 39 16-0025	EA		65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,155.17	153.46
23 82 39 16-0026	EA		80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,243.37	153.46
23 82 39 16-0027	EA		101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,529.70	204.61
23 82 39 16-0028	EA		124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,616.35	204.61
23 82 39 16-0029	EA		152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,918.79	306.91
23 82 39 16-0030	EA		173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,051.32	306.91
23 82 39 16-0031	EA		210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,162.46	306.91
23 82 39 16-0032	EA		249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,416.80	358.06
23 82 39 16-0033	EA		283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,548.34	358.06
23 82 39 16-0034	EA		333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,814.42	358.06
23 82 39 16-0035	EA		386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,261.60	460.37
23 82 39 16-0036	EA		496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	4,146.56	460.37
23 82 39 16-0037	EA		585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	4,417.76	460.37
23 82 39 16-0038	EA		705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	5,027.79	511.52
23 82 39 16-0039	EA		Fan Guard For Fan Propelled Steam Unit Heater, Vertical..... Note: Required only for unit heaters located within 7' of a working surface.	282.06	25.58
23 82 39 16-0040			Removal and Reinstallation of Propeller Unit Heaters (23 82 39 16) Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	613.82	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	818.44	

23 82 39 19 Wall and Ceiling Unit Heaters (23 82 39)

23 82 39 19-0001 Electric Unit Heaters (23 82 39 19)				
Note: May be mounted both vertically and horizontally.				
23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	701.02	107.58
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	701.02	107.58
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	937.70	134.48
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,077.39	161.37
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,566.68	215.17
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,270.36	268.95
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	3,120.84	322.75
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,536.64	376.54
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	858.96	107.58
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	828.13	107.58
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	982.84	134.48
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,136.12	161.37
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	1,684.14	215.17

23 82 39 19-0015 Electric Ceiling and Wall Heaters (23 82 39 19)

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.				
23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	316.28	67.24
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	368.85	75.31
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	561.66	75.31
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	355.88	67.24
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	431.35	75.31
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	635.07	75.31
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	468.16	88.75
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	847.13	94.13
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	949.03	94.13
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,098.12	99.51
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,187.59	99.51
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	521.08	88.75
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	930.50	94.13
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,032.40	94.13
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	425.28	67.24

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters (23 82 39 19)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.				
23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	368.32	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	757.14	

23 83 Radiant Heating Units (23 80)

23 83 13 Radiant-Heating Electric Cables (23 83)

23 83 13 13 Radiant-Heating Electric Cables (23 83 13)

23 83 13 13-0001 Self Regulating Heating Cable (23 83 13 13)

23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	7.87	0.73
Note: Tinned copper braid, at 50 Degrees F.				
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	8.41	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	8.79	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	7.87	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	9.33	0.73
Note: Tinned copper braid, at 50 degrees F				
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	9.87	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0008	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	9.86	0.73
Note: Tinned copper braid, at 50 Degrees F.				
23 83 13 13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	10.11	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	10.36	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	9.86	0.73
Note: Tinned copper braid, at 50 degrees F.				
23 83 13 13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	10.11	0.73
Note: Tinned copper braid, at 50 degrees F				

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 83 Radiant Heating Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 83 13 13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	10.36	0.73
		Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	12.36	0.73
		Note: Tinned copper braid, at 50 Degrees F.		
23 83 13 13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	12.86	0.73
		Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	13.11	0.73
		Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	12.36	0.73
		Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	12.86	0.73
		Note: Tinned copper braid, at 50 degrees F		
23 83 13 13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments.....	13.11	0.73
		Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable.....	225.54	57.82
23 83 13 13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	225.54	57.82
23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	130.93	10.51
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	353.61	26.28
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	387.81	26.28

23 84 Humidity Control Equipment ^(23 80)**23 84 13 Humidifiers** ^(23 84)**23 84 13 16 Wetted-Element Humidifiers** ^(23 84 13)

23 84 13 16-0001		Electric Steam Humidifiers, Self-Steam Producing ^(23 84 13 16) Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.		
23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	7,707.16	421.49
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	9,718.86	422.52

23 84 13 23 Direct-Steam-Injection Humidifiers ^(23 84 13)

23 84 13 23-0001		Steam Type Pneumatically Controlled ^(23 84 13 23) Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,340.18	270.08
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	415.69	
23 84 13 23-0003	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,340.18	270.08
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	415.69	
23 84 13 23-0004	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	1,869.46	270.08
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	574.48	
23 84 13 23-0005	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	1,971.76	337.61
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	608.58	
23 84 13 23-0006	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,739.75	270.08
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	835.57	
23 84 13 23-0007	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	2,842.05	337.61
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	869.67	
23 84 13 23-0008	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	4,201.88	337.61
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	1,277.61	
23 84 13 23-0009	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	4,329.77	422.52
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	1,320.24	

23 84 13 29 Self-Contained Steam Humidifiers ^(23 84 13)

23 84 13 29-0001		Residential Humidifiers ^(23 84 13 29) Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type.....	413.81	51.15

23 84 16 Mechanical Dehumidification Units ^(23 84)**23 84 16 16 Indoor, Mechanical Dehumidification Units** ^(23 84 16)

23 84 16 16-0001		Mechanical Dehumidification Units ^(23 84 16 16) Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier.....	1,388.17	53.79
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier.....	1,742.06	62.75
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier.....	2,323.90	71.72

23 84 16 33 Portable Dehumidifiers ^(23 84 16)

Heating, Ventilating, And Air-Conditioning (HVAC)		23	23
Decentralized Unitary HVAC Equipment		23 80	
Humidity Control Equipment		23 84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 84 16 33-0001		Self Contained Free Standing Unit <small>(23 84 16 33)</small>			
		Note: Sized by moisture removal per 24 hours.			
23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier.....		360.98	116.45
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier.....		422.80	116.45
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier.....		459.90	116.45

END OF SECTION 23

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 84 Humidity Control Equipment

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2020.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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



The Unit Prices Include:

LABOR COSTS:

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

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EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

The Adjustment Factors Include:

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

BUSINESS COSTS:

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

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

PROJECT RELATED COSTS:

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

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

PRICE VARIATIONS:

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

SUMMARY:

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

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

General Rules:

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

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

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2

stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

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

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.
 - **Asphalt** = 1.25
 - **Concrete** = 1.40

CONVERSIONS:

- 1 Acre** = 43,560 Square Feet = 4046.8 Square Meters
- 1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches
- 1 Centimeter** = 0.3937 Inches = 0.0328 Feet
- 1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters
- 1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet
- 1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters
- 1 Foot** = 12 Inches = 0.3048 Meters
- 1 Inch** = 2.54 Centimeters = 0.0254 Meters
- 1 Kilogram** = 2.2046 Pounds
- 1 Kilometer** = 0.6214 Miles = 3280 Feet
- 1 Meter** = 100 Centimeters = 3.2808 Feet
- 1 Mile** = 5280 Feet = 1.6093 Kilometers
- 1 Pound** = 0.4536 Kilograms
- 1 Square Foot** = 144 Square Inches = .0929 Square Meters
- 1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet
- 1 Square Yard** = 9 Square Feet = 0.8361 Square Meters
- 1 Ton** = 2000 Pounds = 907.185 Kilograms
- 1 Yard** = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

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

TRADEMARKS

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

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

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

26 01 Operation and Maintenance of Electrical Systems ⁽²⁶⁾

26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution ^(26 01)

26 01 10 91 Medium-Voltage Electrical Distribution Restoration ^(26 01 10)

26 01 10 91-0001	Retrofit Distribution Enclosures ^(26 01 10 91) Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.		
26 01 10 91-0002	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	335.61	
	For Up To 20, Add	67.80	
	For >20 To 50, Add	54.24	
	For >50 To 100, Add	27.12	
26 01 10 91-0003	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	432.82	
	For Up To 20, Add	92.11	
	For >20 To 50, Add	73.68	
	For >50 To 100, Add	36.84	
26 01 10 91-0004	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	646.68	
	For Up To 20, Add	145.57	
	For >20 To 50, Add	116.46	
	For >50 To 100, Add	58.23	
26 01 10 91-0005	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	332.84	
	For Up To 20, Add	67.11	
	For >20 To 50, Add	53.69	
	For >50 To 100, Add	26.84	
26 01 10 91-0006	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	334.55	
	For Up To 20, Add	67.54	
	For >20 To 50, Add	54.03	
	For >50 To 100, Add	27.02	
26 01 10 91-0007	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	424.90	
	For Up To 20, Add	90.13	
	For >20 To 50, Add	72.10	
	For >50 To 100, Add	36.05	
26 01 10 91-0008	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	629.10	
	For Up To 20, Add	141.18	
	For >20 To 50, Add	112.94	
	For >50 To 100, Add	56.47	
26 01 10 91-0009	EA 2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	265.62	
	For Up To 20, Add	50.31	
	For >20 To 50, Add	40.24	
	For >50 To 100, Add	20.12	
26 01 10 91-0010	EA 3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	370.61	
	For Up To 20, Add	76.55	
	For >20 To 50, Add	61.24	
	For >50 To 100, Add	30.62	
26 01 10 91-0011	EA 4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	523.71	
	For Up To 20, Add	114.83	
	For >20 To 50, Add	91.86	
	For >50 To 100, Add	45.93	
26 01 10 91-0012	EA 2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	478.28	
	For Up To 20, Add	103.47	
	For >20 To 50, Add	82.78	
	For >50 To 100, Add	41.39	
26 01 10 91-0013	EA 3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	653.93	
	For Up To 20, Add	147.38	
	For >20 To 50, Add	117.91	
	For >50 To 100, Add	58.95	
26 01 10 91-0014	EA 4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,190.40	
	For Up To 20, Add	281.50	
	For >20 To 50, Add	225.20	
	For >50 To 100, Add	112.60	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	548.09
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	120.92
		For >20 To 50, Add	96.74
		For >50 To 100, Add	48.37
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	802.42
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	184.51
		For >20 To 50, Add	147.60
		For >50 To 100, Add	73.80

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution (26 01)
26 01 20 91 Low-Voltage Electrical Distribution Restoration (26 01 20)

26 01 20 91-0001		Lock Out/Tag Out Devices <small>(26 01 20 91)</small> Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.	
26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect	26.28
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	26.28
26 01 20 91-0004	EA	Lock Out/Tag Out Tags.....	3.63
26 01 20 91-0005		Existing Circuit Tracing <small>(26 01 20 91)</small>	
26 01 20 91-0006	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	21.87
26 01 20 91-0007	EA	Lighting, Existing Circuit Tracing Per Circuit	21.87

26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment (26 01)
26 01 30 91 Facility Electrical Power Generating And Storing Equipment Restoration (26 01 30)

26 01 30 91-0001		Emergency Generator Permits <small>(26 01 30 91)</small>	
26 01 30 91-0002		Air Pollution Control Board <small>(26 01 30 91-0001)</small>	
26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator.....	2,823.65

26 01 50 Operation and Maintenance of Lighting (26 01)
26 01 50 51 Luminaire Relamping (26 01 50)

26 01 50 51-0001		Replace Lamps In Existing Fixtures <small>(26 01 50 51)</small> Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0376 for disposal of hazardous lamps.	
26 01 50 51-0002		Halogen Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	37.86
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	48.02
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	70.58
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	19.41
26 01 50 51-0007	EA	100 Watt, PAR38, Halogen Lamp	19.41
26 01 50 51-0008	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	21.86
26 01 50 51-0009	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	23.38
26 01 50 51-0010	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	22.98
26 01 50 51-0011	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	24.14
26 01 50 51-0012	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	24.39
26 01 50 51-0013	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	23.79
26 01 50 51-0014	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	23.79
26 01 50 51-0015	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	26.41
26 01 50 51-0016	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	26.41
26 01 50 51-0017		Incandescent Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0018	EA	100 Watt, Frosted, Interior Incandescent Lamp	5.82
		For Multiple Lamps In Fixture, Deduct	-1.74
26 01 50 51-0019	EA	150 Watt, Frosted, Interior Incandescent Lamp	6.96
		For Multiple Lamps In Fixture, Deduct	-1.74
26 01 50 51-0020	EA	200 Watt, Frosted, Interior Incandescent Lamp	8.25
		For Multiple Lamps In Fixture, Deduct	-1.74
26 01 50 51-0021	EA	300 Watt, PS25, Interior Incandescent Lamp	9.87
		For Multiple Lamps In Fixture, Deduct	-1.74
26 01 50 51-0022	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	7.68
		For Multiple Lamps In Fixture, Deduct	-1.74
26 01 50 51-0023	EA	75 Watt, R20, Interior Incandescent Lamp	11.73
		For Multiple Lamps In Fixture, Deduct	-2.08
26 01 50 51-0024	EA	75 Watt, PAR38, Exterior Incandescent Lamp	14.00
		For Multiple Lamps In Fixture, Deduct	-2.08
26 01 50 51-0025	EA	100 Watt, PAR38, Exterior Incandescent Lamp	13.10
		For Multiple Lamps In Fixture, Deduct	-2.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0026	EA		150 Watt, PAR38, Exterior Incandescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	21.70 -2.08	
26 01 50 51-0027	EA		250 Watt, PAR38, Exterior Incandescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	43.60 -2.43	
26 01 50 51-0028	EA		300 Watt, PAR56, Exterior Incandescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	49.91 -2.43	
26 01 50 51-0029			Exit Light Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0030	EA		Convert Exit Light Lamps To Red LED Lamps <i>For Green LED Lamps, Add</i>	95.10 25.00	
26 01 50 51-0031	EA		Fluorescent Lamp For Exit Light..... <i>For Multiple Lamps In Fixture, Deduct</i>	26.71 -6.94	
26 01 50 51-0032	EA		Lamp Replacement For Emergency Lights On Exit Sign..... <i>For Multiple Lamps In Fixture, Deduct</i>	31.11 -3.47	
26 01 50 51-0033			Fluorescent Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0034	EA		18", 15 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	10.18 -2.78	
26 01 50 51-0035	EA		2", 17 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	11.71 -2.78	
26 01 50 51-0036	EA		3", 25 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.38 -3.12	
26 01 50 51-0037	EA		4", 32 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.61 -3.12	
26 01 50 51-0038	EA		4", 30 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.01 -3.12	
26 01 50 51-0039	EA		4", 28 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.41 -3.12	
26 01 50 51-0040	EA		4", 25 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.35 -3.12	
26 01 50 51-0041	EA		4", 44 Watt, T8HO Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	21.25 -3.12	
26 01 50 51-0042	EA		8", 59 Watt, T8 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.92 -3.12	
26 01 50 51-0043	EA		18", 15 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.02 -2.78	
26 01 50 51-0044	EA		2", 20 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	11.27 -2.78	
26 01 50 51-0045	EA		3", 30 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.66 -3.12	
26 01 50 51-0046	EA		4", 34 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.71 -3.12	
26 01 50 51-0047	EA		4", 40 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.50 -3.12	
26 01 50 51-0048	EA		8", 60 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	17.27 -3.12	
26 01 50 51-0049	EA		8", 75 Watt, T12 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	15.05 -3.12	
26 01 50 51-0050	EA		8", 95 Watt, Instant Start T12 Fluorescent Lamp.....	20.97	
26 01 50 51-0051	EA		6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	14.16 -2.78	
26 01 50 51-0052	EA		8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	12.12 -2.78	
26 01 50 51-0053	EA		12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	11.81 -2.78	
26 01 50 51-0054	EA		16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	12.78 -2.78	
26 01 50 51-0055	EA		6", 4 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	11.00 -2.78	
26 01 50 51-0056	EA		9", 6 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	10.87 -2.78	
26 01 50 51-0057	EA		12", 8 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	11.13 -2.78	
26 01 50 51-0058	EA		21", 13 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	11.52 -2.78	
26 01 50 51-0059	EA		24", 14 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	12.87 -2.78	
26 01 50 51-0060	EA		34", 21 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.10 -3.12	
26 01 50 51-0061	EA		46", 28 Watt, T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.75 -3.12	
26 01 50 51-0062	EA		46", 54 Watt, T5HO Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	14.76 -3.12	
26 01 50 51-0063	EA		46", 54 Watt T5 Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	13.96 -3.47	
26 01 50 51-0064	EA		32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	20.06 -3.47	
26 01 50 51-0065	EA		40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp..... <i>For Multiple Lamps In Fixture, Deduct</i>	19.46 -3.47	
26 01 50 51-0066	EA		27-55 Watt, 4-Pin Compact Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	16.70 -1.74	
26 01 50 51-0067	EA		5-13 Watt, 2-Pin Compact Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	8.27 -1.74	
26 01 50 51-0068	EA		9-26 Watt, 4-Pin Compact Fluorescent Lamp <i>For Multiple Lamps In Fixture, Deduct</i>	8.97 -1.74	
26 01 50 51-0069	EA		Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux.....	22.25	
26 01 50 51-0070	EA		Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux.....	22.25	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 51-0071	EA	32 Watt 2D (DoubleD) Fluorescent Lamp	38.63
26 01 50 51-0072	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	15.06
26 01 50 51-0073	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	7.92
26 01 50 51-0074	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	7.15
26 01 50 51-0075	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	7.15
26 01 50 51-0076	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	23.29
26 01 50 51-0077	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	25.20
26 01 50 51-0078	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	45.91
26 01 50 51-0079	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	54.54
26 01 50 51-0080	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	56.29
26 01 50 51-0081	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	22.33
26 01 50 51-0082	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	23.18
26 01 50 51-0083	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	26.34
26 01 50 51-0084		Mercury Vapor Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0085	EA	100 Watt, Mercury Vapor Lamp	34.03
26 01 50 51-0086	EA	175 Watt, Mercury Vapor Lamp	31.35
26 01 50 51-0087	EA	250 Watt, Mercury Vapor Lamp	30.02
26 01 50 51-0088	EA	400 Watt, Mercury Vapor Lamp	35.68
26 01 50 51-0089	EA	1,000 Watt, Mercury Vapor Lamp	58.48
26 01 50 51-0090		Metal Halide Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0091	EA	50 Watt, Pulse Start Metal Halide Lamp	34.59
26 01 50 51-0092	EA	70 Watt, Pulse Start Metal Halide Lamp	33.34
26 01 50 51-0093	EA	100 Watt, Pulse Start Metal Halide Lamp	37.29
26 01 50 51-0094	EA	150 Watt, Pulse Start Metal Halide Lamp	36.40
26 01 50 51-0095	EA	175 Watt, Pulse Start Metal Halide Lamp	36.14
26 01 50 51-0096	EA	250 Watt, Pulse Start Metal Halide Lamp	36.31
26 01 50 51-0097	EA	400 Watt, Pulse Start Metal Halide Lamp	42.62
26 01 50 51-0098	EA	1,000 Watt, Pulse Start Metal Halide Lamp	48.66
26 01 50 51-0099	EA	1,500 Watt, Pulse Start Metal Halide Lamp	48.41
26 01 50 51-0100		High Pressure Sodium Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0101	EA	35 Watt, High Pressure Sodium Lamp	29.49
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0102	EA	50 Watt, High Pressure Sodium Lamp	29.49
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0103	EA	70 Watt, High Pressure Sodium Lamp	30.03
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0104	EA	100 Watt, High Pressure Sodium Lamp	31.06
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0105	EA	150 Watt, High Pressure Sodium Lamp	30.03
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0106	EA	250 Watt, High Pressure Sodium Lamp	30.03
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0107	EA	400 Watt, High Pressure Sodium Lamp	28.50
		<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.67
26 01 50 51-0108	EA	1,000 Watt, High Pressure Sodium Lamp	59.88
26 01 50 51-0109		Low Pressure Sodium Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0110	EA	35 Watt, Low Pressure Sodium Lamp	66.56
26 01 50 51-0111	EA	55 Watt, Low Pressure Sodium Lamp	73.64
26 01 50 51-0112	EA	70 Watt, Low Pressure Sodium Lamp	75.23
26 01 50 51-0113	EA	90 Watt, Low Pressure Sodium Lamp	76.83
26 01 50 51-0114	EA	135 Watt, Low Pressure Sodium Lamp	83.21
26 01 50 51-0115	EA	180 Watt, Low Pressure Sodium Lamp	111.91
26 01 50 51-0116		LED Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0117		LED Lamps, Candelabra Base, CA10 <small>(26 01 50 51-0116)</small>	
26 01 50 51-0118	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	10.57
26 01 50 51-0119		LED Lamps, Medium Base, A19 Or A21 <small>(26 01 50 51-0116)</small>	
26 01 50 51-0120	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	13.11
26 01 50 51-0121	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	13.11
26 01 50 51-0122	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	19.94
26 01 50 51-0123	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	14.84
26 01 50 51-0124	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	24.21
26 01 50 51-0125		LED Lamps, Medium Base, BR30 Or BR40 <small>(26 01 50 51-0116)</small>	
26 01 50 51-0126	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	18.15
26 01 50 51-0127	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	16.71
26 01 50 51-0128	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	20.54
26 01 50 51-0129	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.99
26 01 50 51-0130	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	22.25
26 01 50 51-0131	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.99

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 51-0292	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	213.12
26 01 50 51-0293	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	254.34
26 01 50 51-0294	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	254.34
26 01 50 51-0295	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	254.34
26 01 50 51-0296	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	254.34
26 01 50 51-0297	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	87.93
26 01 50 51-0298	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	87.93
26 01 50 51-0299	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	102.65
26 01 50 51-0300	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	101.30
26 01 50 51-0301	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	113.45
26 01 50 51-0302	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	112.29
26 01 50 51-0303	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	114.92
26 01 50 51-0304	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	111.51
26 01 50 51-0305	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	244.97
26 01 50 51-0306	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/40KMOG-G7)	87.90
26 01 50 51-0307	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/50KMOG-G7)	87.90
26 01 50 51-0308	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/40KMOG-G7)	100.11
26 01 50 51-0309	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/50KMOG-G7)	100.11
26 01 50 51-0310	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/40KMOG-G7)	107.45
26 01 50 51-0311	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/50KMOG-G7)	107.45
26 01 50 51-0312	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	68.21
26 01 50 51-0313	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	68.21
26 01 50 51-0314	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	77.41
26 01 50 51-0315	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	77.41
26 01 50 51-0316	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	83.45
26 01 50 51-0317	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	83.45
26 01 50 51-0318	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	92.51
26 01 50 51-0319	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	92.51
26 01 50 51-0320	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	168.95
26 01 50 51-0321	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	195.85
26 01 50 51-0322	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	234.13
26 01 50 51-0323	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	459.54
26 01 50 51-0324	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	433.79
26 01 50 51-0325	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	459.54
26 01 50 51-0326	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	461.54
26 01 50 51-0327	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	67.76
26 01 50 51-0328	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	67.76
26 01 50 51-0329	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	67.76
26 01 50 51-0330	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	203.21
26 01 50 51-0331	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	240.81
26 01 50 51-0332	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	176.74
26 01 50 51-0333	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	208.74
26 01 50 51-0334	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	90.38
26 01 50 51-0335	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	170.34
26 01 50 51-0336		LED Lamps, 2G11 Base <small>(26 01 50 51-0116)</small>	
26 01 50 51-0337	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	29.79
26 01 50 51-0338		LED Lamps, GX23 Or G23 Base <small>(26 01 50 51-0116)</small>	
26 01 50 51-0339	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	15.70
26 01 50 51-0340		LED Lamps, G24 Base <small>(26 01 50 51-0116)</small>	
26 01 50 51-0341	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	19.79
26 01 50 51-0342		LED Tubes (Fluorescent Lamp Replacement) <small>(26 01 50 51-0116)</small>	
26 01 50 51-0343	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	27.07
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.78
26 01 50 51-0344	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	34.41
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.78
26 01 50 51-0345	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	29.13
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.95
26 01 50 51-0346	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	31.79
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.12
26 01 50 51-0347	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	34.54
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.12
26 01 50 51-0348	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	22.85
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.12
26 01 50 51-0349	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	21.80
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.78
26 01 50 51-0350	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	20.09
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.78
26 01 50 51-0351	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	20.56
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.95
26 01 50 51-0352	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	20.73
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.12
26 01 50 51-0353	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	21.38
		<i>For Multiple Lamps In Fixture, Deduct</i>	-3.12

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0354			Filament LED Lamps <small>(26 01 50 51-0116)</small>		
26 01 50 51-0355	EA		7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	20.04	
26 01 50 51-0356	EA		4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	20.04	
26 01 50 51-0357	EA		4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	19.06	
26 01 50 51-0358	EA		4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	19.06	
26 01 50 51-0359	EA		4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	20.63	
26 01 50 51-0360	EA		4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	20.63	
26 01 50 51-0361	EA		3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	17.10	
26 01 50 51-0362	EA		3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	17.10	
26 01 50 51-0363	EA		3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	17.69	
26 01 50 51-0364	EA		3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	22.00	
26 01 50 51-0365	EA		4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	15.28	
26 01 50 51-0366			Other Lamps <small>(26 01 50 51-0116)</small>		
26 01 50 51-0367	EA		8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	18.90	
26 01 50 51-0368	EA		8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	18.90	
26 01 50 51-0369	EA		11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	18.90	
26 01 50 51-0370	EA		12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	19.88	
26 01 50 51-0371	EA		13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	19.88	
26 01 50 51-0372	EA		8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	19.88	
26 01 50 51-0373			LED Lamps, Light Engines, Round, LER Series <small>(26 01 50 51-0116)</small>		
26 01 50 51-0374	EA		5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)	37.39	
26 01 50 51-0375	EA		9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	23.83	
26 01 50 51-0376			Recycle Hazardous Lamps <small>(26 01 50 51)</small>		
			Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.		
26 01 50 51-0377	EA		Recycle 2' Length Linear Fluorescent Lamps	0.27	
26 01 50 51-0378	EA		Recycle 3' Length Linear Fluorescent Lamps	0.41	
26 01 50 51-0379	EA		Recycle 4' Length Linear Fluorescent Lamps	0.54	
26 01 50 51-0380	EA		Recycle 6' Length Linear Fluorescent Lamps	0.81	
26 01 50 51-0381	EA		Recycle 8' Length Linear Fluorescent Lamps	1.08	
26 01 50 51-0382	EA		Recycle Compact Fluorescent Lamps	0.49	
26 01 50 51-0383	EA		Recycle U-Shaped Or Circular Fluorescent Lamps	0.49	
26 01 50 51-0384	EA		Recycle High Intensity Discharge (HID) Lamps	1.69	
26 01 50 52			Ballasts Replacement <small>(26 01 50)</small>		
26 01 50 52-0001			Lighting Ballasts <small>(26 01 50 52)</small>		
			Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 52-0002			Fluorescent Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0003			T5 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0004			T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small>		
			Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005			14 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0006	EA		1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	87.59	21.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0007	EA		2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	92.85	26.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0008			21 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0009	EA		1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	87.59	21.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0010	EA		2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	92.85	26.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0011			28 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0012	EA		1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	87.59	21.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0013	EA		2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	92.85	26.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
			For High Ballast Factor, Add	4.68	
26 01 50 52-0014			35 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0015	EA		1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	87.59	21.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0016	EA		2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	92.85	26.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 52-0017	54 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0018	EA 1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	87.50	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0019	EA 2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	92.76	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0020	EA 3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	125.98	31.54
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46	
26 01 50 52-0021	EA 4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	131.23	36.79
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0022	High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small>		
	Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023	12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0024	EA 1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	74.32	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0025	EA 2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	79.58	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0026	24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0027	EA 1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	95.54	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0028	EA 2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	100.80	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0029	39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0030	EA 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	95.54	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0031	EA 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	100.80	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0032	54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0033	EA 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	74.32	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0034	EA 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	79.58	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0035	Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small>		
26 01 50 52-0036	Step Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small>		
	Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037	28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast <small>(26 01 50 52-0036)</small>		
26 01 50 52-0038	EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast.....	79.61	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0039	Dimming To 5%, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small>		
	Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040	54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0039)</small>		
26 01 50 52-0041	EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	296.61	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0042	EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	293.85	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0043	T8 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0044	T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small>		
	Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045	17 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0046	EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	41.35	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
	<i>For High Ballast Factor, Add</i>	11.37	
26 01 50 52-0047	EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	68.71	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
	<i>For High Ballast Factor, Add</i>	7.48	
26 01 50 52-0048	EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	46.61	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
	<i>For High Ballast Factor, Add</i>	11.37	
26 01 50 52-0049	EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	73.97	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
	<i>For High Ballast Factor, Add</i>	7.48	
26 01 50 52-0050	EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.67	31.54
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46	
	<i>For High Ballast Factor, Add</i>	11.07	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	83.43	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	6.36		
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	65.05	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	28.03		
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	91.96	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	16.36		
26 01 50 52-0054		25 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)			
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	41.35	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	68.71	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	46.61	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	73.97	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.67	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	11.07		
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	83.43	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	6.36		
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	65.05	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	28.03		
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	91.96	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	16.36		
26 01 50 52-0063		28 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)			
26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	41.35	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	68.71	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	46.61	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	73.97	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.67	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	11.07		
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	83.43	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	6.36		
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	65.05	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	28.03		
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	91.96	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	16.36		
26 01 50 52-0072		32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)			
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	41.35	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	68.71	21.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	46.61	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	11.37		
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	73.97	26.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88		
		<i>For High Ballast Factor, Add</i>	7.48		
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.67	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	11.07		
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	83.43	31.54	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46		
		<i>For High Ballast Factor, Add</i>	6.36		
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	65.05	36.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04		
		<i>For High Ballast Factor, Add</i>	28.03		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0080 EA 4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	91.96	36.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.04	
For High Ballast Factor, Add	16.36	
26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0082 EA 1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	62.91	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
For High Ballast Factor, Add	4.86	
26 01 50 52-0083 EA 1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	68.71	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
For High Ballast Factor, Add	7.48	
26 01 50 52-0084 EA 2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	68.17	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
For High Ballast Factor, Add	4.86	
26 01 50 52-0085 EA 2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	73.97	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
For High Ballast Factor, Add	7.48	
26 01 50 52-0086 EA 3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	84.84	31.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.46	
For High Ballast Factor, Add	2.99	
26 01 50 52-0087 EA 3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	83.43	31.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.46	
26 01 50 52-0088 EA 4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	90.09	36.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.04	
For High Ballast Factor, Add	2.99	
26 01 50 52-0089 EA 4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	91.96	36.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.04	
26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0091 EA 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	74.32	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
For High Ballast Factor, Add	10.42	
26 01 50 52-0092 EA 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	79.58	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
For High Ballast Factor, Add	10.42	
26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0043)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)		
26 01 50 52-0095 EA 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	89.00	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0096 EA 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	114.35	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0097 EA 2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	94.26	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0098 EA 2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	119.61	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)		
26 01 50 52-0100 EA 1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	89.00	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0101 EA 1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	114.35	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0102 EA 2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	94.26	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0103 EA 2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	119.61	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)		
26 01 50 52-0105 EA 1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	89.00	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0106 EA 1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	114.35	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0107 EA 2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	94.26	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0108 EA 2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	119.61	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)		
26 01 50 52-0110 EA 1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	89.00	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0111 EA 1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	114.35	21.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 01 50 52-0112 EA 2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	94.26	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0113 EA 2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	119.61	26.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0043)		

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0194	EA 1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.44 6.31	21.02
26 01 50 52-0195	EA 2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.70 7.88	26.28
26 01 50 52-0196	EA 3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.89 9.46	31.54
26 01 50 52-0197	EA 4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.14 11.04	36.79
26 01 50 52-0198	28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)		
26 01 50 52-0199	EA 1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.44 6.31	21.02
26 01 50 52-0200	EA 2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.70 7.88	26.28
26 01 50 52-0201	EA 3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.89 9.46	31.54
26 01 50 52-0202	EA 4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.14 11.04	36.79
26 01 50 52-0203	32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)		
26 01 50 52-0204	EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.44 6.31	21.02
26 01 50 52-0205	EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.70 7.88	26.28
26 01 50 52-0206	EA 3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.89 9.46	31.54
26 01 50 52-0207	EA 4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.14 11.04	36.79
26 01 50 52-0208	T10 Fluorescent Ballasts (26 01 50 52-0002)		
26 01 50 52-0209	T10 Fluorescent Electronic Ballasts (26 01 50 52-0208) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210	40 Watt, T10 Fluorescent Electronic Ballasts (26 01 50 52-0209)		
26 01 50 52-0211	EA 1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.36 6.31	21.02
26 01 50 52-0212	EA 2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.62 7.88	26.28
26 01 50 52-0213	EA 3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.39 9.46	31.54
26 01 50 52-0214	T12 Fluorescent Ballasts (26 01 50 52-0002)		
26 01 50 52-0215	T12 Fluorescent Electronic Ballasts (26 01 50 52-0214) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216	25 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)		
26 01 50 52-0217	EA 1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.35 6.31	21.02
26 01 50 52-0218	EA 1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.36 6.31	21.02
26 01 50 52-0219	EA 2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.61 7.88	26.28
26 01 50 52-0220	EA 2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.62 7.88	26.28
26 01 50 52-0221	EA 3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.67 9.46	31.54
26 01 50 52-0222	EA 4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.05 11.04	36.79
26 01 50 52-0223	30 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)		
26 01 50 52-0224	EA 1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.36 6.31	21.02
26 01 50 52-0225	EA 2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.62 7.88	26.28
26 01 50 52-0226	EA 3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.39 9.46	31.54
26 01 50 52-0227	34 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)		
26 01 50 52-0228	EA 1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.36 6.31	21.02
26 01 50 52-0229	EA 2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.62 7.88	26.28
26 01 50 52-0230	EA 3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.39 9.46	31.54
26 01 50 52-0231	40 Watt, T12 Fluorescent Electronic Ballasts (26 01 50 52-0215)		
26 01 50 52-0232	EA 1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.36 6.31	21.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0233 EA 2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	61.62	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0234 EA 3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	75.39	31.54
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.46	
26 01 50 52-0235 96 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0236 EA 1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	69.36	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0237 EA 2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	79.58	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0238 High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0214)</small>		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239 48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0240 EA 1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	89.28	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0241 EA 2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	94.54	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0242 60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0243 EA 1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	89.28	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0244 EA 2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	94.54	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0245 72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0246 EA 1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	89.28	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0247 EA 2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	94.54	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0248 96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0249 EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	89.28	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 01 50 52-0250 EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	94.54	26.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 01 50 52-0251 Emergency Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
Note: 120/277 Volt.		
26 01 50 52-0252 EA 350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100).....	141.95	21.02
<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0253 EA 600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60).....	228.60	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0254 EA 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50).....	281.92	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0255 EA 600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A).....	210.78	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0256 EA 2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33).....	956.63	31.54
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.88	
26 01 50 52-0257 EA 225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54).....	285.42	21.02
<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0258 EA 325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG).....	473.15	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0259 EA 300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG).....	264.36	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0260 EA 200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413).....	356.87	21.02
<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0261 EA 300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463).....	278.61	21.02
<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0262 EA 450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426).....	314.03	26.28
<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0263	EA 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	339.10	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0264	EA 600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	286.80	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0265	EA 600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	290.62	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0266	EA 500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	254.36	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0267	EA 300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	264.36	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0268	EA 450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	258.27	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0269	EA 1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	465.86	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0270	EA 1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	580.25	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0271	EA 1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,077.83	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0272	EA 1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	751.51	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0273	EA 1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	386.66	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-44.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.25	
26 01 50 52-0274	EA 1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	498.12	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0275	EA 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	2,746.98	26.28
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0276	LED Emergency Ballasts (26 01 50 52-0001)		
26 01 50 52-0277	EA Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	142.85	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0278	EA Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	163.89	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0279	EA Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	189.10	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0280	EA Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	180.06	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0281	EA Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	310.32	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0282	EA Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	294.14	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0283	EA Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	280.24	21.02
	<i>For Factory Installation In New Fixtures, Deduct</i>	-42.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 01 50 52-0284	Compact Fluorescent Ballasts (26 01 50 52-0001)		
26 01 50 52-0285	Compact Fluorescent Electronic Ballasts (26 01 50 52-0284) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286	18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0287	EA 1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	83.11	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0288 EA 2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.37 7.88	26.28
26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0290 EA 1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.11 6.31	21.02
26 01 50 52-0291 EA 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.37 7.88	26.28
26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0293 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.90 6.31	21.02
26 01 50 52-0294 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.16 7.88	26.28
26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0296 EA 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.86 6.31	21.02
26 01 50 52-0297 EA 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.90 6.31	21.02
26 01 50 52-0298 EA 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.26 7.88	26.28
26 01 50 52-0299 EA 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.16 7.88	26.28
26 01 50 52-0300 EA 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.51 9.46	31.54
26 01 50 52-0301 42 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0302 EA 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.90 6.31	21.02
26 01 50 52-0303 EA 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.16 7.88	26.28
26 01 50 52-0304 55 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0305 EA 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.90 6.31	21.02
26 01 50 52-0306 EA 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.16 7.88	26.28
26 01 50 52-0307 Dimming, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0284)</small>		
26 01 50 52-0308 Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0307)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0310 EA 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.96 6.31	21.02
26 01 50 52-0311 EA 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.22 7.88	26.28
26 01 50 52-0312 26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0313 EA 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.96 6.31	21.02
26 01 50 52-0314 EA 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.22 7.88	26.28
26 01 50 52-0315 32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0316 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.96 6.31	21.02
26 01 50 52-0317 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.60 7.88	26.28
26 01 50 52-0318 40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0319 EA 2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.60 7.88	26.28
26 01 50 52-0320 42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0321 EA 1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.96 6.31	21.02
26 01 50 52-0322 EA 2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.60 7.88	26.28

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0323	55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0324	EA 1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....236.92	236.92	21.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....6.31	6.31	
26 01 50 52-0325	EA 2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....266.58	266.58	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....7.88	7.88	
26 01 50 52-0326	High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0327	Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0328	Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0329	Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0330	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....111.14	111.14	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0331	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....113.55	113.55	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0332	EA 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....113.55	113.55	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0333	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....106.70	106.70	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0334	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....106.70	106.70	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0335	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....152.57	152.57	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0336	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....152.57	152.57	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0337	EA 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....192.98	192.98	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0338	EA 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....213.59	213.59	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0339	High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0340	EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....101.64	101.64	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0341	EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....107.01	107.01	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0342	EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....104.69	104.69	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0343	EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....120.85	120.85	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0344	EA 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....118.54	118.54	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0345	EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....133.54	133.54	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0346	EA 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....133.54	133.54	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0347	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....158.47	158.47	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0348	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....158.47	158.47	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0349	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....245.98	245.98	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0350	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....245.98	245.98	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0351	Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0352	EA Single Mounting Bracket For Core And Coil Type .....14.54	14.54	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....3.15	3.15	
26 01 50 52-0353	EA Double Mounting Bracket For Core And Coil Type .....23.86	23.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....4.73	4.73	
26 01 50 52-0354	F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0355	Metal Halide, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0354)</small>		
26 01 50 52-0356	EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....137.62	137.62	26.28
	<i>For Pulse Start Ballast, Add</i> .....10.08	10.08	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0357	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....144.29	144.29	26.28
	<i>For Pulse Start Ballast, Add</i> .....10.75	10.75	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0358	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....132.57	132.57	26.28
	<i>For Pulse Start Ballast, Add</i> .....9.58	9.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0359	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....151.83	151.83	26.28
	<i>For Pulse Start Ballast, Add</i> .....11.50	11.50	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.04	11.04	
26 01 50 52-0360	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....205.80	205.80	26.28
	<i>For Pulse Start Ballast, Add</i> .....16.90	16.90	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>11.04	11.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 52-0361	High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0361)</small>		
26 01 50 52-0362	EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	162.89	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0363	EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	173.29	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0364	Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0365	Metal Halide, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0364)</small>		
26 01 50 52-0366	EA 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	262.56	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0367	High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0364)</small>		
26 01 50 52-0368	EA 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	397.59	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0369	EA 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	441.91	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0370	EA 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	426.57	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0371	Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0372	Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0371)</small>		
26 01 50 52-0373	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	320.29	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0374	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	361.79	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0375	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	473.71	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0376	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	471.30	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0377	EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	655.90	28.39
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.67	
26 01 50 52-0378	EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	655.90	28.39
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.67	
26 01 50 52-0379	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	454.83	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0380	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	532.83	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0381	High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0371)</small>		
26 01 50 52-0382	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	586.47	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0383	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	558.98	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0384	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	714.84	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0385	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	714.84	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0386	Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0387	Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0386)</small>		
26 01 50 52-0388	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	358.32	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0389	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	386.02	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0390	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	383.29	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0391	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	401.85	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0392	EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	631.70	28.39
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.67	
26 01 50 52-0393	EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	773.40	28.39
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.67	
26 01 50 52-0394	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	589.69	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0395	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	538.03	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	
26 01 50 52-0396	High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0386)</small>		
26 01 50 52-0397	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	458.83	26.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.04	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0398	EA		1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast .....493.76 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	493.76	26.28
26 01 50 52-0399	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast .....730.97 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	730.97	26.28
26 01 50 52-0400	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast .....630.75 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	630.75	26.28
26 01 50 52-0401			Electronic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0402			Electronic Low Frequency High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0401)</small>		
26 01 50 52-0403	EA		1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....150.90 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	150.90	26.28
26 01 50 52-0404	EA		1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....150.90 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	150.90	26.28
26 01 50 52-0405	EA		1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....168.42 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	168.42	26.28
26 01 50 52-0406	EA		1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....413.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	413.79	26.28
26 01 50 52-0407	EA		1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....413.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	413.79	26.28
26 01 50 52-0408	EA		1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....413.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	413.79	26.28
26 01 50 52-0409	EA		1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....413.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	413.79	26.28
26 01 50 52-0410	EA		1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....413.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	413.79	26.28
26 01 50 52-0411			Owner Supplied Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0412	EA		Install Owner Supplied, 1 Lamp Fluorescent Ballast .....21.02 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.31	21.02	
26 01 50 52-0413	EA		Install Owner Supplied, 2 Lamp Fluorescent Ballast .....26.28 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.88	26.28	
26 01 50 52-0414	EA		Install Owner Supplied, 3 Lamp Fluorescent Ballast .....30.48 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 9.14	30.48	
26 01 50 52-0415	EA		Install Owner Supplied, 4 Lamp Fluorescent Ballast .....32.59 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 9.78	32.59	
26 01 50 52-0416	EA		Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast .....36.79 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.04	36.79	
26 01 50 52-0417	EA		Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast .....38.90 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.67	38.90	
26 01 50 52-0418			Retrofit Lighting Fixtures <small>(26 01 50 52)</small>		
26 01 50 52-0419			Retrofit Existing Fixtures <small>(26 01 50 52-0418)</small>		
26 01 50 52-0420			LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) <small>(26 01 50 52-0419)</small>		
Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.					
26 01 50 52-0421	EA		7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927) .....104.14	104.14	
26 01 50 52-0422	EA		7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930) .....104.14	104.14	
26 01 50 52-0423	EA		7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940) .....104.14	104.14	
26 01 50 52-0424	EA		4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827) .....84.13	84.13	
26 01 50 52-0425	EA		4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830) .....84.13	84.13	
26 01 50 52-0426	EA		4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840) .....84.13	84.13	
26 01 50 52-0427	EA		6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827) .....92.55	92.55	
26 01 50 52-0428	EA		6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830) .....92.55	92.55	
26 01 50 52-0429	EA		6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840) .....92.55	92.55	
26 01 50 52-0430			LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) <small>(26 01 50 52-0419)</small>		
Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.					
26 01 50 52-0431	EA		2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w) .....314.80	314.80	
26 01 50 52-0432	EA		3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w) .....327.45	327.45	
26 01 50 52-0433	EA		4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w) .....340.09	340.09	
26 01 50 52-0434	EA		5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w) .....354.82	354.82	
26 01 50 52-0435	EA		6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w) .....391.69	391.69	
26 01 50 52-0436	EA		7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w) .....406.44	406.44	
26 01 50 52-0437	EA		8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w) .....441.20	441.20	
26 01 50 52-0438	EA		9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w) .....453.84	453.84	
26 01 50 52-0439	EA		10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w) .....468.58	468.58	
26 01 50 52-0440	EA		11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w) .....491.76	491.76	
26 01 50 52-0441	EA		12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w) .....515.98	515.98	
26 01 50 52-0442	EA		13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w) .....540.21	540.21	
26 01 50 52-0443	EA		14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w) .....552.85	552.85	
26 01 50 52-0444	EA		16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w) .....573.91	573.91	
26 01 50 52-0445	EA		17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w) .....598.13	598.13	
26 01 50 52-0446	EA		18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w) .....624.47	624.47	
26 01 50 52-0447	EA		19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)664.50	664.50	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 52-0448	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	682.40	
26 01 50 52-0449	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	712.96	
26 01 50 52-0450	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	754.04	
26 01 50 52-0451	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	775.11	
26 01 50 52-0452	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	824.61	
26 01 50 52-0453	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	870.96	
26 01 50 52-0454	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	902.56	
26 01 50 52-0455	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	947.86	
26 01 50 52-0456	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	1,035.28	
26 01 50 52-0457	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	1,045.82	
26 01 50 52-0458	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,072.14	

26 01 50 52-0459
LED Lighting Retrofits For Existing Fixtures (Optilumen) (26 01 50 52-0419)

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0460	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35)	130.51	
		Note: Fits 1' x 4' Troffer/Strip		
26 01 50 52-0461	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40)	130.51	
		Note: Fits 1' x 4' Troffer/Strip		
26 01 50 52-0462	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50)	130.51	
		Note: Fits 1' x 4' Troffer/Strip		
26 01 50 52-0463	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0464	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0465	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0466	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0467	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0468	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0469	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0470	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0471	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50)	135.78	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0472	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0473	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0474	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50)	146.31	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0475	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35)	167.38	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0476	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40)	167.38	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0477	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50)	167.38	
		Note: Fits 2' x 4' Troffer/Strip		
26 01 50 52-0478	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35)	130.51	
		Note: Fits 1' x 2' Troffer/Strip		
26 01 50 52-0479	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40)	130.51	
		Note: Fits 1' x 2' Troffer/Strip		
26 01 50 52-0480	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50)	130.51	
		Note: Fits 1' x 2' Troffer/Strip		
26 01 50 52-0481	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35)	130.51	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0482	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40)	130.51	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0483	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50)	130.51	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0484	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35)	135.78	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0485	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40)	135.78	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0486	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50)	135.78	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0487	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35)	142.10	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0488	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40)	142.10	
		Note: Fits 2' x 2' Troffer/Strip		
26 01 50 52-0489	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50)	142.10	
		Note: Fits 2' x 2' Troffer/Strip		

26 01 50 52-0490
LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) (26 01 50 52-0419)

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0491	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	306.02	
26 01 50 52-0492	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	306.02	
26 01 50 52-0493	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	275.47	
26 01 50 52-0494	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	275.47	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
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26 01 50 52-0495	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	133.69	
26 01 50 52-0496	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	133.69	
26 01 50 52-0497	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	153.70	
26 01 50 52-0498	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	153.70	
26 01 50 52-0499	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	168.45	
26 01 50 52-0500	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	168.45	
26 01 50 52-0501	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	173.72	
26 01 50 52-0502	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	173.72	
26 01 50 52-0503	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	103.14	
26 01 50 52-0504	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	103.14	
26 01 50 52-0505	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	115.78	
26 01 50 52-0506	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	115.78	
26 01 50 52-0507	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	106.30	
26 01 50 52-0508	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	106.30	
26 01 50 52-0509	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	118.94	
26 01 50 52-0510	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	118.94	
26 01 50 52-0511	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	105.25	
26 01 50 52-0512	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	105.25	
26 01 50 52-0513	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	114.73	
26 01 50 52-0514	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	114.73	

26 01 50 52-0515 LED Lighting Retrofit Accessories (LG) (26 01 50 52-0419)

See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0516	EA	Dongle (LG LGE-DONGLE).....	16.04	
26 01 50 52-0517	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B).....	86.92	11.98
26 01 50 52-0518	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B).....	91.71	14.39
26 01 50 52-0519	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B).....	109.40	11.98
26 01 50 52-0520	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B).....	114.19	14.39
26 01 50 52-0521	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR).....	58.52	9.59
26 01 50 52-0522	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP).....	23.81	9.59
26 01 50 52-0523	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE).....	25.13	9.59
26 01 50 52-0524	EA	Wireless Interface Module (LG PIHN-W005A)..... Note: includes dongle	58.56	14.39

26 01 50 52-0525 Retrofit Existing (T12) Fluorescent Fixtures (26 01 50 52-0418)

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0376 for hazardous lamp recycling.

26 01 50 52-0526 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector (26 01 50 52-0525)

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 52-0527	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp..... <i>For Specular Ballast Cover, Add</i>	76.74 7.99	
26 01 50 52-0528	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	80.93 8.83	
26 01 50 52-0529	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	104.79 13.60	
26 01 50 52-0530	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	119.69 16.58	

26 01 50 52-0531 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector (26 01 50 52-0525)

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 52-0532	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp..... <i>For Specular Reflector, Add</i>	80.25 8.69	
26 01 50 52-0533	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	84.86 9.61	
26 01 50 52-0534	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	109.70 14.58	
26 01 50 52-0535	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	138.94 20.43	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 52-0536	Retrofit Existing (T12) Troffer Style Fluorescent Fixtures <small>(26 01 50 52-0525)</small>		
<small>Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.</small>			
26 01 50 52-0537	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps <i>For Specular Reflector, Add</i>	99.90	10.52
26 01 50 52-0538	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	104.08	11.35
26 01 50 52-0539	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps <i>For Specular Reflector, Add</i>	105.11	11.56
26 01 50 52-0540	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps <i>For Specular Reflector, Add</i>	116.01	13.74
26 01 50 52-0541	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps <i>For Specular Reflector, Add</i>	138.87	18.31
26 01 50 52-0542	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	108.29	12.20
26 01 50 52-0543	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps <i>For Specular Reflector, Add</i>	117.99	14.14
26 01 50 52-0544	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps <i>For Specular Reflector, Add</i>	126.00	15.74

26 01 50 52-0545	Retrofit Existing Recessed Lay-In/Troffer Fixtures <small>(26 01 50 52-0418)</small>		
26 01 50 52-0546	Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) <small>(26 01 50 52-0545)</small>		
<small>Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.</small>			
26 01 50 52-0547	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	173.75	
26 01 50 52-0548	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	173.75	
26 01 50 52-0549	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	173.75	
26 01 50 52-0550	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	190.67	
26 01 50 52-0551	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	173.75	
26 01 50 52-0552	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	173.75	
26 01 50 52-0553	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	173.75	
26 01 50 52-0554	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	190.67	
26 01 50 52-0555	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	174.23	
26 01 50 52-0556	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	174.23	
26 01 50 52-0557	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	174.23	
26 01 50 52-0558	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	191.14	
26 01 50 52-0559	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	174.23	
26 01 50 52-0560	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	174.23	
26 01 50 52-0561	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	174.23	
26 01 50 52-0562	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	191.14	

26 01 50 52-0563	LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) <small>(26 01 50 52-0545)</small>		
<small>Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.</small>			
26 01 50 52-0564	EA 2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	254.42	
26 01 50 52-0565	EA 4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	265.92	

26 01 50 52-0566	LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) <small>(26 01 50 52-0545)</small>		
<small>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.</small>			
26 01 50 52-0567	EA 1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	218.59	
26 01 50 52-0568	EA 2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	223.49	
26 01 50 52-0569	EA 2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	218.59	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 52-0570	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	223.49
26 01 50 52-0571	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L).....	247.96
26 01 50 52-0572	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	255.30
26 01 50 52-0573	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	272.43
26 01 50 52-0574 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) ^(26 01 50 52-0545)			
Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.			
26 01 50 52-0575	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	203.62
26 01 50 52-0576	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	210.45
26 01 50 52-0577	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	212.49
26 01 50 52-0578	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	219.32
26 01 50 52-0579	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDX84022MST)	157.54
26 01 50 52-0580	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDX84022MST)	160.79
26 01 50 52-0581	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDX84024MST).....	165.97
26 01 50 52-0582	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDX84024MST).....	169.22
26 01 50 52-0583	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDX84024MST).....	205.53
26 01 50 52-0584	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDX84024MST).....	241.84
26 01 50 52-0585 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) ^(26 01 50 52-0545)			
Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.			
26 01 50 52-0586	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	193.37
26 01 50 52-0587	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	143.13
26 01 50 52-0588	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	197.44
26 01 50 52-0589	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	147.11
26 01 50 52-0590	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	205.18
26 01 50 52-0591	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	158.96
26 01 50 52-0592	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	223.98
26 01 50 52-0593	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	173.61
26 01 50 52-0594	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	227.83
26 01 50 52-0595	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	177.43
26 01 50 52-0596	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	235.54
26 01 50 52-0597	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	189.27
26 01 50 52-0598 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) ^(26 01 50 52-0545)			
Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.			
26 01 50 52-0599	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	390.33
26 01 50 52-0600	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT).....	432.02
26 01 50 52-0601 Retrofit Existing HID Fixtures ^(26 01 50 52-0418)			
26 01 50 52-0602	EA	Tear Drop LED Retrofit Kit (Holophane LTDR2L2 P35S 40K AS BK TDRD 3 P)	879.14
26 01 50 53 Lens and Accessory Replacement ^(26 01 50)			
26 01 50 53-0001	EA	Removal And Replacement Of Parabolic Aluminum Louver.....	109.51
26 01 50 53-0002	EA	Removal And Replacement Of Visor For Fixtures	207.04

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 01 50 53-0003	EA Removal And Replacement Of Globe On Pole.....	263.43	
26 01 50 53-0004	EA Removal And Replacement Of Lenses For Flat Top Pole Fixtures.....	96.66	
26 01 50 53-0005	EA Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	31.00	
26 01 50 53-0006	EA Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	32.60	
26 01 50 53-0007	EA Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	39.55	
26 01 50 53-0008	EA Removal And Replacement Of Slide-On Lampholder.....	13.02	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0009	EA Removal And Replacement Of Screw Mount Lampholder.....	13.27	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0010	EA Removal And Replacement Of Medium Bi-Pin Lampholder.....	15.39	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0011	EA Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	18.65	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0012	EA Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	20.77	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0013	EA Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in.....	15.07	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 01 50 53-0014	EA Removal And Replacement Of Exterior Light Globes.....	52.52	

26 05 Common Work Results For Electrical ⁽²⁶⁾

26 05 13 Medium-Voltage Cables ^(26 05)

26 05 13 16 Medium-Voltage, Single-And Multi-Conductor Cables ^(26 05 13)

26 05 13 16-0001	Wire And Cable ^(26 05 13 16) Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 13 16-0002	Wire Connections ^(26 05 13 16-0001)		
26 05 13 16-0003	Medium Voltage Up To 5 KV ^(26 05 13 16-0002)		
26 05 13 16-0004	Shielded One Conductor Cable Splice ^(26 05 13 16-0003)		
26 05 13 16-0005	EA #6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	270.61	104.99
26 05 13 16-0006	EA #2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	325.26	104.99
26 05 13 16-0007	EA 1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	325.26	104.99
26 05 13 16-0008	EA 2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	356.50	125.98
26 05 13 16-0009	EA 3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	356.50	125.98
26 05 13 16-0010	EA 4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	356.50	125.98
26 05 13 16-0011	EA 250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	398.17	146.98
26 05 13 16-0012	EA 350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	398.17	146.98
26 05 13 16-0013	EA 500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	398.17	146.98
26 05 13 16-0014	Cable Termination Without Stress Cone ^(26 05 13 16-0003)		
26 05 13 16-0015	EA #6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	365.96	125.98
26 05 13 16-0016	EA 250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	423.92	146.98
26 05 13 16-0017	Cable Termination With Stress Cone ^(26 05 13 16-0003)		
26 05 13 16-0018	EA #6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	969.59	251.97
26 05 13 16-0019	EA 250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	1,339.13	346.45
26 05 13 16-0020	Connect To Pothead, Pothead Included ^(26 05 13 16-0003)		
26 05 13 16-0021	EA #6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV.....	1,002.60	251.97
26 05 13 16-0022	EA 250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV.....	1,255.49	288.71
26 05 13 16-0023	Two Conductor Pothead ^(26 05 13 16-0003) Note: Includes 5 KV pothead.		
26 05 13 16-0024	EA #6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	898.75	346.45
26 05 13 16-0025	EA 250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,173.15	440.94
26 05 13 16-0026	EA 400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,625.38	499.94
26 05 13 16-0027	EA 750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	2,417.55	583.30
26 05 13 16-0028	EA 1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	4,251.85	874.85
26 05 13 16-0029	Three Conductor Pothead ^(26 05 13 16-0003) Note: Includes 5 KV pothead.		
26 05 13 16-0030	EA #6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	2,741.98	503.93
26 05 13 16-0031	EA 250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	3,037.66	587.92
26 05 13 16-0032	Copper Cable Splice, Crimp Compression Connection ^(26 05 13 16-0003) Note: For bare wire.		
26 05 13 16-0033	EA #6 AWG Crimp Compression Connection For Bare Copper Wire.....	64.40	
26 05 13 16-0034	EA #4 AWG Crimp Compression Connection For Bare Copper Wire.....	70.76	
26 05 13 16-0035	EA #3 AWG Crimp Compression Connection For Bare Copper Wire.....	82.53	
26 05 13 16-0036	EA #2 AWG Crimp Compression Connection For Bare Copper Wire.....	93.83	
26 05 13 16-0037	EA #1 AWG Crimp Compression Connection For Bare Copper Wire.....	105.78	
26 05 13 16-0038	EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	117.48	

26 Electrical**26 05 Common Work Results For Electrical****26 05 13 Medium-Voltage Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 13 16-0039	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	129.06	
26 05 13 16-0040	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	141.10	
26 05 13 16-0041	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	152.85	
26 05 13 16-0042	EA	250 MCM Crimp Compression Connection For Bare Copper Wire.....	164.82	
26 05 13 16-0043	EA	300 MCM Crimp Compression Connection For Bare Copper Wire.....	177.03	
26 05 13 16-0044	EA	350 MCM Crimp Compression Connection For Bare Copper Wire.....	188.64	
26 05 13 16-0045	EA	400 MCM Crimp Compression Connection For Bare Copper Wire.....	212.92	
26 05 13 16-0046	EA	500 MCM Crimp Compression Connection For Bare Copper Wire.....	237.79	
26 05 13 16-0047		Aluminum Cable Splice, Crimp Compression Connection (26 05 13 16-0003)		
		Note: For bare wire.		
26 05 13 16-0048	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire.....	65.58	
26 05 13 16-0049	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire.....	71.41	
26 05 13 16-0050	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire.....	95.97	
26 05 13 16-0051	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire.....	111.24	
26 05 13 16-0052	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	122.64	
26 05 13 16-0053	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	133.98	
26 05 13 16-0054	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	146.81	
26 05 13 16-0055	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	158.89	
26 05 13 16-0056	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire.....	170.72	
26 05 13 16-0057	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire.....	182.80	
26 05 13 16-0058	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire.....	194.70	
26 05 13 16-0059	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire.....	221.59	
26 05 13 16-0060	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire.....	248.62	
26 05 13 16-0061		15 KV (26 05 13 16-0002)		
26 05 13 16-0062		Single Conductor Pothead On Racks (26 05 13 16-0061)		
		Note: Includes pothead.		
26 05 13 16-0063	EA	#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks.....	1,104.19	440.94
26 05 13 16-0064	EA	250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks.....	1,397.55	545.92
26 05 13 16-0065		Two Conductor Pothead On Rack (26 05 13 16-0061)		
		Note: Includes pothead.		
26 05 13 16-0066	EA	#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks.....	1,655.24	671.91
26 05 13 16-0067	EA	250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks.....	1,976.59	797.89
26 05 13 16-0068		Three Conductor Pothead On Rack (26 05 13 16-0061)		
		Note: Includes pothead.		
26 05 13 16-0069	EA	#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks.....	2,128.98	871.38
26 05 13 16-0070	EA	250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks.....	2,655.90	1,091.85
26 05 13 16-0071		Stress Relief Cone On Rack (26 05 13 16-0061)		
26 05 13 16-0072	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack.....	1,064.31	440.94
26 05 13 16-0073	EA	250 To 500 MCM Stress Relief Cone, On Rack.....	1,352.71	545.92
26 05 13 16-0074		Grounded, Shielded Cable Splice (26 05 13 16-0061)		
26 05 13 16-0075	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV.....	757.45	325.46
26 05 13 16-0076	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV.....	973.42	419.94
26 05 13 16-0077	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way.....	3,816.95	1,154.84
26 05 13 16-0078	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way.....	4,679.02	1,259.83
26 05 13 16-0079		Cable Termination (26 05 13 16-0061)		
26 05 13 16-0080	EA	#2 To 3/0 AWG Cable Termination 15 KV.....	470.39	183.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	110.24	
26 05 13 16-0081	EA	4/0 To 250 MCM Cable Termination 15 KV.....	598.37	236.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	141.73	
26 05 13 16-0082	EA	350 To 500 MCM Cable Termination 15 KV.....	737.70	288.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	173.23	
26 05 13 16-0083	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV.....	287.62	104.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	62.99	
26 05 13 16-0084		Stress Cones, 5-15 KV, 4 Skirted (26 05 13 16-0061)		
26 05 13 16-0085	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	502.90	136.48
26 05 13 16-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	567.95	150.85
26 05 13 16-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....	660.47	165.08
26 05 13 16-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....	827.41	190.20
26 05 13 16-0089		Stress Cones, 5-15 KV, 6 Skirted (26 05 13 16-0061)		
26 05 13 16-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	1,005.80	273.42
26 05 13 16-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	1,136.01	301.68
26 05 13 16-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....	1,308.69	324.02
26 05 13 16-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....	1,654.82	380.38

26 Electrical

26 05 Common Work Results For Electrical

26 05 19 Low-Voltage Electrical Power Conductors And Cables



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 19 13 Undercarpet Electrical Power Cables (26 05 19)

26 05 19 13-0001 Under Carpet Power System (26 05 19 13)
Note: Includes laying out, floor prep, taping, testing, drill floor, folds.

26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	5.00	0.48
26 05 19 13-0003	LF	Steel, Top Shield.....	8.06	0.48
26 05 19 13-0004	EA	3-Conductor, Splice	29.36	8.15
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	8.75	3.84
26 05 19 13-0006	EA	3-Conductor, Tap.....	36.51	9.59
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End.....	55.70	8.15
26 05 19 13-0008	EA	3-Conductor, Transition Block Assembly	36.24	4.80
26 05 19 13-0009	EA	Single, Direct Connected, Receptacle With Box	109.48	15.34
26 05 19 13-0010	EA	Dual, Direct Connected, Receptacle With Box.....	182.18	23.98
26 05 19 13-0011	EA	Floor Mounted Box With Cover.....	180.69	19.18
26 05 19 13-0012	LF	5-Conductor, #12 Cable With Attached Bottom Shield	7.91	0.48
26 05 19 13-0013	LF	Steel, Top Shield For 5-Conductor Cable	7.86	0.48
26 05 19 13-0014	EA	5-Conductor, Splice	29.73	8.15
26 05 19 13-0015	EA	5-Conductor, Transition Block Assembly	47.68	4.80
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	83.01	19.18
26 05 19 13-0017	EA	Telephone, Transition Fitting Wall Box	55.28	15.82
26 05 19 13-0018	EA	RJ-45, Telephone Fitting With Duplex Jack And Cover	72.29	18.22
26 05 19 13-0019	EA	Miniature Telephone With Duplex RJ-45	31.00	7.19
26 05 19 13-0020	LF	4-Pair, Level 5, Under Carpet Telephone Wire	1.81	0.48
26 05 19 13-0021	EA	BNC, Coax Plug, Connector	25.42	9.59
26 05 19 13-0022	EA	TNC, Coax Plug, Connector	25.42	9.59
26 05 19 13-0023	CLF	Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	133.20	47.95

26 05 19 16 Low-Voltage, Single-And Multi-Conductor Cables (26 05 19)

26 05 19 16-0001 Cable Installation Methods (26 05 19 16)

26 05 19 16-0002 Pull Cord (26 05 19 16-0001)
Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit.....	0.32	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits.....	0.17	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.52	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.31	

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand (26 05 19 16-0001)
Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	2.70	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	3.43	
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge	377.24	

Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.

26 05 19 16-0011 Wire and Cable (26 05 19 16)
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0057 for various conduit types.

26 05 19 16-0012 Multi-Conductor Cords, Cables And Associated Equipment (26 05 19 16-0011)

26 05 19 16-0013 Multi-Conductor Cords (26 05 19 16-0012)
Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.

26 05 19 16-0014 Multi-Conductor Type SOOW And SJOOW Cord (26 05 19 16-0013)
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.

26 05 19 16-0015 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0014)

26 05 19 16-0016 #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)

26 05 19 16-0017	LF	2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.11	0.42
26 05 19 16-0018	LF	3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.17	0.42
26 05 19 16-0019	LF	4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.33	0.42

26 05 19 16-0020 #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)

26 05 19 16-0021	LF	2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.29	0.42
26 05 19 16-0022	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.39	0.42
26 05 19 16-0023	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.53	0.42

26 05 19 16-0024 #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)

26 05 19 16-0025	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.47	0.42
26 05 19 16-0026	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.63	0.42
26 05 19 16-0027	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.92	0.42

26 Electrical
26 05 Common Work Results For Electrical



26 05 19 Low-Voltage Electrical Power Conductors And Cables

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 19 16-0082	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.49	0.68
26 05 19 16-0083	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.05	0.69
26 05 19 16-0084	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.18	0.72
26 05 19 16-0085	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.03	0.74
26 05 19 16-0086	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.27	0.79
26 05 19 16-0087		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0088	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.93	0.42
26 05 19 16-0089	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.13	0.42
26 05 19 16-0090	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.34	0.42
26 05 19 16-0091	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.06	0.57
26 05 19 16-0092	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.74	0.58
26 05 19 16-0093	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.43	0.60
26 05 19 16-0094	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.18	0.61
26 05 19 16-0095	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.71	0.63
26 05 19 16-0096	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.61	0.64
26 05 19 16-0097	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.70	0.66
26 05 19 16-0098	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.70	0.68
26 05 19 16-0099	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.70	0.69
26 05 19 16-0100	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.18	0.71
26 05 19 16-0101	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.93	0.72
26 05 19 16-0102	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.71	0.74
26 05 19 16-0103	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	16.51	0.75
26 05 19 16-0104	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	17.07	0.77
26 05 19 16-0105	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	17.70	0.79
26 05 19 16-0106		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0107	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.23	0.52
26 05 19 16-0108	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.41	0.52
26 05 19 16-0109	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.59	0.52
26 05 19 16-0110	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.48	0.57
26 05 19 16-0111	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.84	0.58
26 05 19 16-0112	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.90	0.60
26 05 19 16-0113	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.92	0.64
26 05 19 16-0114	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.26	0.66
26 05 19 16-0115	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	13.13	0.69
26 05 19 16-0116	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	19.22	0.72
26 05 19 16-0117		#8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0118	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.58	0.63
26 05 19 16-0119	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.00	0.73
26 05 19 16-0120	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.90	0.73
26 05 19 16-0121		#6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0122	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.67	0.73
26 05 19 16-0123	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.06	0.84
26 05 19 16-0124	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	9.67	1.05
26 05 19 16-0125		#4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0126	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	10.70	1.05
26 05 19 16-0127	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	11.76	1.15
26 05 19 16-0128	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	14.23	1.26
26 05 19 16-0129		#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0036)</small>		
26 05 19 16-0130	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	15.86	2.10
26 05 19 16-0131	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	20.20	2.62
26 05 19 16-0132	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	24.33	3.47

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 19 16-0133		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0014)</small>		
26 05 19 16-0134		#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>		
26 05 19 16-0135	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.53	0.42
26 05 19 16-0136	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.70	0.42
26 05 19 16-0137	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.04	0.42
26 05 19 16-0138		#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>		
26 05 19 16-0139	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.64	0.42
26 05 19 16-0140	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.91	0.42
26 05 19 16-0141	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.04	0.42
26 05 19 16-0142		#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0133)</small>		
26 05 19 16-0143	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.32	0.42
26 05 19 16-0144	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	3.43	0.42
26 05 19 16-0145	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	4.43	0.52
26 05 19 16-0146		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0014)</small>		
26 05 19 16-0147		#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>		
26 05 19 16-0148	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.23	0.42
26 05 19 16-0149	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.70	0.42
26 05 19 16-0150	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.19	0.42
26 05 19 16-0151		#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>		
26 05 19 16-0152	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.40	0.42
26 05 19 16-0153	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.88	0.42
26 05 19 16-0154	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.64	0.42
26 05 19 16-0155	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.93	0.52
26 05 19 16-0156		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>		
26 05 19 16-0157	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.99	0.42
26 05 19 16-0158	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.61	0.42
26 05 19 16-0159	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.04	0.52
26 05 19 16-0160		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>		
26 05 19 16-0161	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.57	0.42
26 05 19 16-0162	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.11	0.42
26 05 19 16-0163	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.60	0.52
26 05 19 16-0164		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0146)</small>		
26 05 19 16-0165	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.10	0.52
26 05 19 16-0166	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.59	0.52
26 05 19 16-0167	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	5.07	0.52

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 19 16-0168		Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0013)</small> Note: Includes thermoplastic elastomeric (TPE) insulation.			
26 05 19 16-0169		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0168)</small>			
26 05 19 16-0170		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0171	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.66		0.42
26 05 19 16-0172	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.84		0.42
26 05 19 16-0173	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.86		0.52
26 05 19 16-0174		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0175	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.23		0.42
26 05 19 16-0176	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.58		0.42
26 05 19 16-0177	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.76		0.52
26 05 19 16-0178		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0179	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.81		0.42
26 05 19 16-0180	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.27		0.42
26 05 19 16-0181	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	4.14		0.52
26 05 19 16-0182		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>			
26 05 19 16-0183	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.58		0.52
26 05 19 16-0184	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	4.14		0.52
26 05 19 16-0185	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	4.44		0.52
26 05 19 16-0186		Multi-Conductor Type W Cord <small>(26 05 19 16-0013)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.			
26 05 19 16-0187		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0186)</small>			
26 05 19 16-0188		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0189	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.05		0.63
26 05 19 16-0190	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.44		0.73
26 05 19 16-0191	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.46		0.73
26 05 19 16-0192		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0193	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.42		0.73
26 05 19 16-0194	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.47		0.84
26 05 19 16-0195	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	8.05		1.05
26 05 19 16-0196		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>			
26 05 19 16-0197	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	7.46		0.73
26 05 19 16-0198	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	8.82		0.84
26 05 19 16-0199	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	11.36		1.05
26 05 19 16-0200		Cord Grips, Cable Reels, Extension Cords, And Accessories <small>(26 05 19 16-0012)</small>			
26 05 19 16-0201		Cord Grips <small>(26 05 19 16-0200)</small>			
26 05 19 16-0202	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel.....	65.74		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		19.09	
26 05 19 16-0203	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel.....	65.98		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		19.09	
26 05 19 16-0204		Cable Reels <small>(26 05 19 16-0200)</small> Note: Includes handling, mounting, electrical connections and installing cord.			
26 05 19 16-0205	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A).....	598.40		52.49
26 05 19 16-0206	EA	50', 10-4, SEOW, Extension Cord Reel (Reelcraft L 7050 104 X 1).....	1,658.54		52.49
26 05 19 16-0207	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K).....	1,239.48		52.49
26 05 19 16-0208		Extension Cords <small>(26 05 19 16-0200)</small>			
26 05 19 16-0209	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord.....	128.64		
26 05 19 16-0210	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord.....	178.98		
26 05 19 16-0211		Plugs And Connector Bodies <small>(26 05 19 16-0200)</small> Note: Up to 277 volt			
26 05 19 16-0212		NEMA Twist-Lock Plugs <small>(26 05 19 16-0211)</small>			
26 05 19 16-0213	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C).....	72.39		
26 05 19 16-0214	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	73.93		
26 05 19 16-0215	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C).....	67.48		
26 05 19 16-0216	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331).....	72.20		
26 05 19 16-0217	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411).....	94.34		

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0290	EA		1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.22 9.45	15.75
26 05 19 16-0291	EA		1/2" Straight Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.41 6.30	10.50
26 05 19 16-0292	EA		1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.93 7.88	13.12
26 05 19 16-0293	EA		3/4" Straight Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.58 6.30	10.50
26 05 19 16-0294	EA		3/4" Straight Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.54 4.73	7.87
26 05 19 16-0295	EA		3/4" 90 Degree Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.77 7.88	13.12
26 05 19 16-0296	EA		3/4" 90 Degree Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.26 6.30	10.50
26 05 19 16-0297	EA		3/4" Straight Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.26 9.45	15.75
26 05 19 16-0298	EA		3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.68 11.02	18.37
26 05 19 16-0299	EA		3/4" Straight Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.29 7.88	13.12
26 05 19 16-0300	EA		3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.40 9.45	15.75
26 05 19 16-0301	EA		1" Straight Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.52 6.30	10.50
26 05 19 16-0302	EA		1" Straight Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.51 4.73	7.87
26 05 19 16-0303	EA		1" 90 Degree Steel Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.34 7.88	13.12
26 05 19 16-0304	EA		1" 90 Degree Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.54 6.30	10.50
26 05 19 16-0305	EA		1" Straight Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.70 9.45	15.75
26 05 19 16-0306	EA		1" 90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.58 11.02	18.37
26 05 19 16-0307	EA		1" Straight Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.59 7.88	13.12
26 05 19 16-0308	EA		1" 90 Degree Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.88 9.45	15.75
26 05 19 16-0309			ACSR (Aluminum Conductor Steel Reinforced) (26 05 19 16-0011) Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0310			ACSR Cable (26 05 19 16-0309)		
26 05 19 16-0311	MLF		#4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,297.44	465.66
26 05 19 16-0312	MLF		#4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	1,361.12	483.52
26 05 19 16-0313	MLF		#2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,438.83	502.13
26 05 19 16-0314	MLF		#2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial).....	1,503.10	520.32
26 05 19 16-0315	MLF		1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,609.60	537.97
26 05 19 16-0316	MLF		2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,849.02	609.83
26 05 19 16-0317	MLF		3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,099.22	680.09
26 05 19 16-0318	MLF		4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,366.35	751.31
26 05 19 16-0319	MLF		336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial).....	2,905.07	965.53
26 05 19 16-0320	MLF		477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	3,318.85	1,107.55
26 05 19 16-0321			All Aluminum Conductors (26 05 19 16-0309)		
26 05 19 16-0322	MLF		795.0 ACSR Conductor Aluminum.....	24,682.68	9,040.36
26 05 19 16-0323			600 Volt Wire (26 05 19 16-0011)		
26 05 19 16-0324			Single Solid Conductor, Copper (26 05 19 16-0323)		
26 05 19 16-0325	MLF		#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	546.57	232.74
26 05 19 16-0326	MLF		#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	676.13	273.79
26 05 19 16-0327	MLF		#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	823.41	334.77
26 05 19 16-0328	MLF		#14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	756.02	232.74
26 05 19 16-0329	MLF		#12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	915.74	273.79
26 05 19 16-0330	MLF		#10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,101.71	334.77
26 05 19 16-0331			Power Cable, Stranded Conductor, Copper (26 05 19 16-0323)		
26 05 19 16-0332			Power Cable, Stranded, Single Conductor, XHHW-2 (26 05 19 16-0331)		
26 05 19 16-0333	MLF		#16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	589.31	191.79
26 05 19 16-0334	MLF		#14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	696.82	230.15
26 05 19 16-0335	MLF		#12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	853.33	268.51
26 05 19 16-0336	MLF		#10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,042.95	306.86
26 05 19 16-0337	MLF		#8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,382.54	383.58
26 05 19 16-0338	MLF		#6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,851.09	460.30
26 05 19 16-0339	MLF		#4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,518.40	575.38
26 05 19 16-0340	MLF		#3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,971.44	652.09
26 05 19 16-0341	MLF		#2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,505.94	728.81
26 05 19 16-0342	MLF		#1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	4,318.06	805.53
26 05 19 16-0343	MLF		1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	5,167.53	920.60
26 05 19 16-0344	MLF		2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	6,170.98	1,035.67
26 05 19 16-0345	MLF		3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	7,360.88	1,150.75

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 19 16-0426	MLF	2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,151.84	
26 05 19 16-0427	MLF	3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,808.45	
26 05 19 16-0428	MLF	4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,594.90	
26 05 19 16-0429	MLF	250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,329.30	
26 05 19 16-0430	MLF	300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,102.01	
26 05 19 16-0431	MLF	350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,937.68	
26 05 19 16-0432	MLF	400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,800.73	
26 05 19 16-0433	MLF	500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,198.11	
26 05 19 16-0434	MLF	750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,791.71	
26 05 19 16-0435	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	550.99	
26 05 19 16-0436	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	677.69	
26 05 19 16-0437	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	824.97	
26 05 19 16-0438	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,130.60	
26 05 19 16-0439	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,497.19	
26 05 19 16-0440	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,928.37	
26 05 19 16-0441	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,703.08	
26 05 19 16-0442	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,178.78	
26 05 19 16-0443	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,694.64	
26 05 19 16-0444	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,161.40	
26 05 19 16-0445	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,856.00	
26 05 19 16-0446	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,721.22	
26 05 19 16-0447	MLF	250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,649.20	
26 05 19 16-0448	MLF	300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,611.94	
26 05 19 16-0449	MLF	350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,639.38	
26 05 19 16-0450	MLF	400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,634.19	
26 05 19 16-0451	MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,286.01	
26 05 19 16-0452	MLF	600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,439.70	
26 05 19 16-0453	MLF	750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,468.27	
26 05 19 16-0454	MLF	#2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,274.21	
26 05 19 16-0455	MLF	1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,070.06	
26 05 19 16-0456	MLF	2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,746.63	
26 05 19 16-0457	MLF	3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,649.56	
26 05 19 16-0458	MLF	4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,494.72	
26 05 19 16-0459	MLF	250 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,163.33	
26 05 19 16-0460	MLF	350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,944.17	
26 05 19 16-0461	MLF	400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,058.68	
26 05 19 16-0462	MLF	500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	15,966.58	

26 05 19 16-0463 600 Volt, Armored Cable, Copper Conductors (26 05 19 16-0323)**26 05 19 16-0464 ACTHH, Solid** (26 05 19 16-0463)

26 05 19 16-0465	MLF	1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable	2,104.07	629.91
26 05 19 16-0466	MLF	1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable	2,419.89	713.90
26 05 19 16-0467	MLF	1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable	2,736.09	755.90
26 05 19 16-0468	MLF	2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,110.66	1,049.85
26 05 19 16-0469	MLF	2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	3,360.24	1,175.63
26 05 19 16-0470	MLF	2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	4,153.95	1,302.55
26 05 19 16-0471	MLF	2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	5,281.47	1,428.32
26 05 19 16-0472	MLF	3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,710.79	1,175.63
26 05 19 16-0473	MLF	3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	3,925.78	1,302.55
26 05 19 16-0474	MLF	3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	4,914.68	1,470.43
26 05 19 16-0475	MLF	3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	6,214.48	1,595.57
26 05 19 16-0476	MLF	4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	4,371.22	1,302.55
26 05 19 16-0477	MLF	4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,813.16	1,470.43
26 05 19 16-0478	MLF	4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	5,998.73	1,637.87
26 05 19 16-0479	MLF	4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	7,587.18	1,764.49

26 05 19 16-0480 ACTHH, Stranded (26 05 19 16-0463)

26 05 19 16-0481	MLF	2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	5,492.43	1,512.73
26 05 19 16-0482	MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	6,632.59	1,721.03
26 05 19 16-0483	MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	6,425.09	1,679.77
26 05 19 16-0484	MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	7,943.31	1,888.27
26 05 19 16-0485	MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	9,900.28	2,099.71
26 05 19 16-0486	MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	11,326.49	2,307.37
26 05 19 16-0487	MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	12,912.86	2,517.66
26 05 19 16-0488	MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,213.72	2,015.09
26 05 19 16-0489	MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	9,831.92	2,224.22
26 05 19 16-0490	MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	12,426.14	2,435.87
26 05 19 16-0491	MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	13,604.94	2,644.48
26 05 19 16-0492	MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	15,993.59	2,852.87

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0493 HCFC, Solid. Includes items like '26 05 19 16-0494 MLF 2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable'.

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0503 MC, Solid Or Stranded, Galvanized Steel Armor. Includes items like '26 05 19 16-0504 MLF 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable'.

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0523 MC, Solid Or Stranded, Aluminum Armor. Includes items like '26 05 19 16-0524 MLF 2 Conductors, #14 AWG, Tpe MC, Solid Or Stranded, Aluminum Armored Cable'.

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0533 FPLP Solid TFN Red Armored Cable. Includes items like '26 05 19 16-0534 MLF #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable'.

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0542 FPLP Solid THHN Red Armored Cable. Includes items like '26 05 19 16-0543 MLF #14/2 With #14 Ground Type THHN FPLP Red Armored Cable'.

Table with columns for work item ID, description, and costs. Section: 26 05 19 16-0549 FPLP Twisted Shielded Pair Red Armored Cable. Includes items like '26 05 19 16-0550 MLF #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable'.

26 05 19 16-0557 Armored Cable Connectors

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 19 16-0558	EA	3/4" Armored Cable Connector	6.19	2.30
		<i>For Work In Restricted Working Space, Add</i>	1.73	
		<i>For Elevated Installation >10' To 15', Add</i>	0.58	
		<i>For Elevated Installation >15' To 20', Add</i>	1.15	
		<i>For Elevated Installation >20' To 25', Add</i>	1.44	
		<i>For Elevated Installation >25' To 30', Add</i>	2.01	
		<i>For Elevated Installation >30' To 35', Add</i>	2.30	
		<i>For Elevated Installation >35' To 40', Add</i>	2.88	
		<i>For Elevated Installation >40', Add</i>	3.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.73	
26 05 19 16-0559	EA	1" Armored Cable Connector	8.27	3.07
		<i>For Work In Restricted Working Space, Add</i>	2.30	
		<i>For Elevated Installation >10' To 15', Add</i>	0.77	
		<i>For Elevated Installation >15' To 20', Add</i>	1.54	
		<i>For Elevated Installation >20' To 25', Add</i>	1.92	
		<i>For Elevated Installation >25' To 30', Add</i>	2.69	
		<i>For Elevated Installation >30' To 35', Add</i>	3.07	
		<i>For Elevated Installation >35' To 40', Add</i>	3.84	
		<i>For Elevated Installation >40', Add</i>	4.22	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.30	
26 05 19 16-0560	EA	1-1/4" Armored Cable Connector	10.37	3.84
		<i>For Work In Restricted Working Space, Add</i>	2.88	
		<i>For Elevated Installation >10' To 15', Add</i>	0.96	
		<i>For Elevated Installation >15' To 20', Add</i>	1.92	
		<i>For Elevated Installation >20' To 25', Add</i>	2.40	
		<i>For Elevated Installation >25' To 30', Add</i>	3.36	
		<i>For Elevated Installation >30' To 35', Add</i>	3.84	
		<i>For Elevated Installation >35' To 40', Add</i>	4.80	
		<i>For Elevated Installation >40', Add</i>	5.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 19 16-0561		600 Volt, Feeder Wire, Single Stranded Copper <small>(26 05 19 16-0323)</small>		
26 05 19 16-0562	MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	772.29	153.72
		<i>For EPR Insulation, Add</i>	29.54	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	68.92	
26 05 19 16-0563	MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	872.00	170.22
		<i>For EPR Insulation, Add</i>	30.11	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	70.26	
26 05 19 16-0564	MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,060.24	212.79
		<i>For EPR Insulation, Add</i>	43.96	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	102.57	
26 05 19 16-0565	MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,440.76	338.52
		<i>For EPR Insulation, Add</i>	72.27	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	168.63	
26 05 19 16-0566	MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,960.37	406.21
		<i>For EPR Insulation, Add</i>	121.44	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	283.36	
26 05 19 16-0567	MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,663.28	471.62
		<i>For EPR Insulation, Add</i>	183.73	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	428.69	
26 05 19 16-0568	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,037.88	539.80
		<i>For EPR Insulation, Add</i>	211.15	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	492.68	
26 05 19 16-0569	MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,811.33	607.98
		<i>For EPR Insulation, Add</i>	298.40	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	696.26	
26 05 19 16-0570	MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,701.69	677.12
		<i>For EPR Insulation, Add</i>	403.18	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	940.76	
26 05 19 16-0571	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,658.47	763.91
		<i>For EPR Insulation, Add</i>	503.55	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,174.94	
26 05 19 16-0572	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,808.99	847.14
		<i>For EPR Insulation, Add</i>	632.97	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,476.93	
26 05 19 16-0573	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,150.03	945.72
		<i>For EPR Insulation, Add</i>	790.97	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	1,845.60	
26 05 19 16-0574	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,186.49	1,051.49
		<i>For EPR Insulation, Add</i>	903.29	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	2,107.67	
26 05 19 16-0575	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,789.62	1,153.24
		<i>For EPR Insulation, Add</i>	950.61	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	2,218.08	
26 05 19 16-0576	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,524.37	1,267.74
		<i>For EPR Insulation, Add</i>	1,167.66	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	2,724.55	
26 05 19 16-0577	MLF	350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,843.83	1,343.98
		<i>For EPR Insulation, Add</i>	1,322.43	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	3,085.67	
26 05 19 16-0578	MLF	400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,374.15	1,502.11
		<i>For EPR Insulation, Add</i>	1,508.83	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	3,520.59	
26 05 19 16-0579	MLF	500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,397.98	1,670.60
		<i>For EPR Insulation, Add</i>	1,769.25	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	4,128.24	
26 05 19 16-0580	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	19,166.37	1,738.11
		<i>For EPR Insulation, Add</i>	2,126.97	
		<i>For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add</i>	4,962.93	

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0776	MLF		9 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,350.47 460.30	920.60
26 05 19 16-0777	MLF		12 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,807.91 523.02	1,046.03
26 05 19 16-0778	MLF		15 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,562.00 639.24	1,278.49
26 05 19 16-0779	MLF		19 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,086.89 697.36	1,394.71
26 05 19 16-0780	MLF		25 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,893.11 719.22	1,438.44
26 05 19 16-0781	MLF		30 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,993.23 898.45	1,796.90
26 05 19 16-0782	MLF		37 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,202.36 1,050.06	2,100.12
26 05 19 16-0783	MLF		2 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,154.12 255.75	511.51
26 05 19 16-0784	MLF		3 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,378.85 287.69	575.38
26 05 19 16-0785	MLF		4 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,616.52 328.83	657.66
26 05 19 16-0786	MLF		5 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,819.19 354.14	708.29
26 05 19 16-0787	MLF		7 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,422.88 434.12	868.24
26 05 19 16-0788	MLF		9 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,793.22 479.58	958.96
26 05 19 16-0789	MLF		12 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,427.75 535.10	1,070.20
26 05 19 16-0790	MLF		15 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,094.26 639.24	1,278.30
26 05 19 16-0791	MLF		19 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,922.41 742.52	1,485.43
26 05 19 16-0792	MLF		25 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,135.97 868.53	1,736.68
26 05 19 16-0793	MLF		30 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,132.49 970.37	1,940.74
26 05 19 16-0794	MLF		37 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,593.03 1,134.07	2,268.12
26 05 19 16-0795	MLF		2 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,344.65 273.88	547.76
26 05 19 16-0796	MLF		3 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,607.09 302.93	606.06
26 05 19 16-0797	MLF		4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,954.74 348.68	697.36
26 05 19 16-0798	MLF		5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,212.87 371.12	742.24
26 05 19 16-0799	MLF		7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,917.89 442.46	884.93
26 05 19 16-0800	MLF		9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,600.39 523.02	1,046.03
26 05 19 16-0801	MLF		12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,379.73 590.05	1,180.10
26 05 19 16-0802	MLF		15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,213.43 676.93	1,353.86
26 05 19 16-0803	MLF		19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,165.08 767.26	1,534.53
26 05 19 16-0804	MLF		25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,897.70 896.72	1,793.44
26 05 19 16-0805	MLF		30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,145.46 1,048.04	2,096.10
26 05 19 16-0806	MLF		37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,061.83 1,224.98	2,449.94
26 05 19 16-0807	MLF		2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,603.59 287.69	575.38
26 05 19 16-0808	MLF		3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,003.16 315.30	630.99
26 05 19 16-0809	MLF		4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,440.63 359.61	719.22
26 05 19 16-0810	MLF		5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,837.99 390.11	780.20
26 05 19 16-0811	MLF		7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,843.98 489.64	979.29
26 05 19 16-0812	MLF		9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,559.09 548.05	1,096.09
26 05 19 16-0813	MLF		12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,312.54 639.24	1,278.49
26 05 19 16-0814	MLF		15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,280.82 731.02	1,462.03
26 05 19 16-0815	MLF		19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,451.60 828.54	1,657.08
26 05 19 16-0816	MLF		25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,609.06 968.36	1,936.71
26 05 19 16-0817	MLF		30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,120.11 1,131.76	2,263.53
26 05 19 16-0818	MLF		37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	13,482.40 1,323.08	2,646.15

26 05 19 16-0819 Single Conductor Installed On Poles (26 05 19 16-0011)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0080 EA 225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.61 18.90	31.50
26 05 26 00-0081 EA 225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	241.70 18.90	31.50
26 05 26 00-0082 EA 225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	292.09 18.90	31.50
26 05 26 00-0083 EA 400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	255.82 23.62	34.12
26 05 26 00-0084 EA 400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	329.33 23.62	34.12
26 05 26 00-0085 EA 400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	393.19 23.62	34.12
26 05 26 00-0086 EA 600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	330.93 25.98	43.31
26 05 26 00-0087 EA 800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	398.08 31.50	52.49
26 05 26 00-0088 Bonding Jumper For Metallic Conduit <small>(26 05 26 00-0001)</small>		
26 05 26 00-0089 EA 1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.19 32.81	57.74
26 05 26 00-0090 EA 1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.18 40.38	57.74
26 05 26 00-0091 EA 2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	275.27 47.72	89.24
26 05 26 00-0092 EA 5" To 6" Conductor, Bonding Jumper, Metallic Conduit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	401.76 58.32	89.24
26 05 26 00-0093 Ground Rods <small>(26 05 26)</small>		
26 05 26 00-0094 Copper-Clad Ground Rods <small>(26 05 26 00-0093)</small>		
26 05 26 00-0095 EA 1/2" Diameter x 8' Long Copper-Clad Ground Rods	90.06	78.74
26 05 26 00-0096 EA 5/8" Diameter x 8' Long Copper-Clad Ground Rods	93.96	78.74
26 05 26 00-0097 EA 3/4" Diameter x 8' Long Copper-Clad Ground Rods	109.70	78.74
26 05 26 00-0098 EA 1/2" Diameter x 10' Long Copper-Clad Ground Rods	106.03	78.74
26 05 26 00-0099 EA 5/8" Diameter x 10' Long Copper-Clad Ground Rods	110.90	78.74
26 05 26 00-0100 EA 3/4" Diameter x 10' Long Copper-Clad Ground Rods	130.57	78.74
26 05 26 00-0101 Copper Grounding Shaft <small>(26 05 26 00-0093)</small>		
26 05 26 00-0102 EA 2-1/8" Diameter x 10' Long Copper Grounding Shaft.....	200.32	78.74
26 05 26 00-0103 EA 2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft.....	243.62	78.74
26 05 26 00-0104 EA 2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft.....	349.46	78.74
26 05 26 00-0105 Ground Access Wells <small>(26 05 26 00-0093)</small>		
26 05 26 00-0106 Precast Ground Access Wells <small>(26 05 26 00-0105)</small>		
26 05 26 00-0107 EA 8" Diameter x 24" Deep Precast Ground Access Well..... Note: With cast iron grate.	189.69	
26 05 26 00-0108 EA 10" Diameter x 24" Deep Precast Ground Access Well..... Note: With cast iron grate.	198.17	
26 05 26 00-0109 EA 12" Diameter x 24" Deep Precast Ground Access Well..... Note: With cast iron grate.	528.02	
26 05 26 00-0110 EA 18" Diameter x 24" Deep Precast Ground Access Well..... Note: With cast iron grate.	536.50	
26 05 26 00-0111 Polyvinyl Chloride (PVC) Ground Access Well <small>(26 05 26 00-0105)</small>		
26 05 26 00-0112 EA 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	425.60	
26 05 26 00-0113 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	500.17	
26 05 26 00-0114 EA 18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	928.83	
26 05 26 00-0115 EA 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	406.81	
26 05 26 00-0116 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	477.10	
26 05 26 00-0117 EA 18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	890.76	
26 05 26 00-0118 EA 8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well..... Note: Schedule 40 with flat steel cover.	227.94	
26 05 26 00-0119 EA 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well..... Note: Schedule 40 with flat steel cover.	243.80	
26 05 26 00-0120 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well..... Note: Schedule 40 with flat steel cover.	257.56	
26 05 26 00-0121 EA 8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	175.36	
26 05 26 00-0122 EA 10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	258.95	
26 05 26 00-0123 EA 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with flat steel cover.	456.66	
26 05 26 00-0124 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with flat steel cover.	606.60	
26 05 26 00-0125 EA 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	367.62	

26 Electrical**26 05 Common Work Results For Electrical****26 05 26 Grounding And Bonding For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0126	EA		10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	533.82	
26 05 26 00-0127	EA		10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	564.86	
26 05 26 00-0128	EA		10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	688.04	
26 05 26 00-0129	EA		12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	304.58	
26 05 26 00-0130	EA		12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	531.96	
26 05 26 00-0131	EA		12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	572.66	
26 05 26 00-0132			Polymer Concrete Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0133	EA		12" x 12" x 12" Polymer Concrete Ground Access Well.....	336.47	
26 05 26 00-0134	EA		12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well.....	367.66	
26 05 26 00-0135	EA		12" x 12" x 18" Polymer Concrete Ground Access Well.....	369.78	
26 05 26 00-0136	EA		12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	404.04	
26 05 26 00-0137	EA		12" x 12" x 24" Polymer Concrete Ground Access Well.....	404.33	
26 05 26 00-0138	EA		12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well.....	441.94	
26 05 26 00-0139	EA		13" x 24" x 18" Polymer Concrete Ground Access Well.....	533.97	
26 05 26 00-0140	EA		13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	585.05	
26 05 26 00-0141			High Density Polyethylene (HDPE) Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0142	EA		9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	130.74	
26 05 26 00-0143	EA		14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	180.10	
26 05 26 00-0144			Ground Rod Clamps And Fittings (26 05 26)		
26 05 26 00-0145			Bronze Ground Rod Clamp (26 05 26 00-0144)		
26 05 26 00-0146	EA		1/2" Bronze Ground Rod Clamp	21.27	11.86
26 05 26 00-0147	EA		5/8" Bronze Ground Rod Clamp	22.26	11.86
26 05 26 00-0148	EA		3/4" Bronze Ground Rod Clamp	23.65	11.86
26 05 26 00-0149			Bronze Pipe Clamps (26 05 26 00-0144)		
26 05 26 00-0150	EA		1/2" To 1" Bronze Pipe Ground Clamps.....	28.24	19.73
26 05 26 00-0151	EA		1-1/4" To 2" Bronze Ground Clamps For Pipe.....	35.92	23.62
26 05 26 00-0152	EA		2-1/2" To 3" Bronze Ground Clamps For Pipe.....	53.35	27.61
26 05 26 00-0153	EA		2-1/2" To 4" Bronze Ground Clamps For Pipe.....	65.28	35.48
26 05 26 00-0154	EA		4" To 6" Bronze Ground Clamps For Pipe.....	99.88	51.23
26 05 26 00-0155			Grounding Fittings (26 05 26 00-0144)		
26 05 26 00-0156			Embedded Fittings (26 05 26 00-0155)		
26 05 26 00-0157	EA		Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded.....	143.22	
26 05 26 00-0158	EA		Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded.....	152.13	
26 05 26 00-0159	EA		Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded.....	167.93	
26 05 26 00-0160	EA		#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice.....	138.97	
26 05 26 00-0161	EA		1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice.....	166.52	
26 05 26 00-0162	EA		4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice.....	195.34	
26 05 26 00-0163	EA		350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice.....	220.20	
26 05 26 00-0164			Ground Rod Receptacle (26 05 26 00-0155)		
26 05 26 00-0165	EA		1/2" Ground Rod Receptacle.....	309.14	109.18
26 05 26 00-0166	EA		5/8" Ground Rod Receptacle.....	323.16	112.26
26 05 26 00-0167	EA		3/4" Ground Rod Receptacle.....	337.50	115.31
26 05 26 00-0168			Ground Kits For Circuit Breaker Panels (26 05 26 00-0155)		
26 05 26 00-0169	EA		14-8 AWG Copper Ground Kit.....	69.27	26.25
26 05 26 00-0170	EA		12-8 AWG Aluminum Ground Kit.....	67.84	26.25
26 05 26 00-0171	EA		14-4 AWG Copper Ground Kit.....	76.76	26.25
26 05 26 00-0172	EA		12-4 AWG Aluminum Ground Kit.....	78.59	26.25
26 05 26 00-0173			Insulated Grounding Bars (26 05 26 00-0144)		
26 05 26 00-0174	EA		1/2" x 4" x 10" Insulated Ground Bar..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	289.23 47.24	26.35
26 05 26 00-0175	EA		Insulated Ground Bar SK 9560 1/2" x 4" x 20" <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	303.70 47.24	26.35
26 05 26 00-0176			Ground Conductor Bonding (26 05 26)		
26 05 26 00-0177			Ground Conductor Bonding (26 05 26 00-0176)		
26 05 26 00-0178			Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld (26 05 26 00-0177)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 26 00-0179	EA		Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... 116.43 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0180	EA		#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... 126.92 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0181	EA		1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... 137.42 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0182	EA		250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel 200.41 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0183			Tee, Wye Or Cross Cadweld <small>(26 05 26 00-0177)</small>		
26 05 26 00-0184	EA		Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross..... 132.17 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0185	EA		#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross 153.17 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0186	EA		1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross 189.92 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0187	EA		250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross..... 231.91 Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0188			Grounding Equipment <small>(26 05 26)</small>		
26 05 26 00-0189			Special Grounding Equipment <small>(26 05 26 00-0188)</small>		
26 05 26 00-0190			Ground Reels And Ground Bus <small>(26 05 26 00-0189)</small>		
26 05 26 00-0191	EA		Ground Reel With 50' Of Galvanized Steel Cable 673.80		
26 05 26 00-0192			Copper Bars <small>(26 05 26 00-0189)</small>		
26 05 26 00-0193	LF		1/4" x 2" Copper Bar 38.98		
26 05 26 00-0194			Phenolic Insulators <small>(26 05 26 00-0189)</small>		
26 05 26 00-0195	EA		2" x 2" x 1" Long Phenolic Insulators 27.71 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.30		
26 05 26 00-0196			Grounding Studs <small>(26 05 26 00-0189)</small>		
26 05 26 00-0197	EA		Ball Grounding Stud..... 40.12 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 9.40		
26 05 26 00-0198			Equipment Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0199	EA		Switch Rating 30 Ground Bar Kit 31.07 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.30		
26 05 26 00-0200	EA		Switch Rating 60 Ground Bar Kit 39.67 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.93		
26 05 26 00-0201	EA		Switch Rating 100 Ground Bar Kit 46.23 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.88		
26 05 26 00-0202	EA		Switch Rating 200 Ground Bar Kit 80.13 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 9.45		
26 05 26 00-0203			Panelboard Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0204	EA		Panelboard Ground Bar Kit..... 116.08 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.88		7.87
26 05 26 00-0205			Circuit Breaker Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0206	EA		3 Circuit, Ground Bar Kit..... 25.82 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.73		4.73
26 05 26 00-0207	EA		4 Circuit, Ground Bar Kit..... 25.35 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.73		4.73
26 05 26 00-0208	EA		7 Circuit, Ground Bar Kit..... 26.13 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.73		4.73
26 05 26 00-0209	EA		12 Circuit, Ground Bar Kit..... 29.62 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.36		5.35
26 05 26 00-0210	EA		20 Circuit, Ground Bar Kit..... 33.73 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.99		5.98
26 05 26 00-0211	EA		24 Circuit, Ground Bar Kit..... 37.23 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.62		6.61
26 05 26 00-0212	EA		30 Circuit, Ground Bar Kit..... 41.61 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.56		7.56
26 05 26 00-0213	EA		54 Circuit, Ground Bar Kit..... 48.13 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 8.82		8.82
26 05 26 00-0214	EA		24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug 52.87 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.62		6.61
26 05 26 00-0215	EA		30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug 58.49 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.56		7.56
26 05 26 00-0216	EA		54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug 65.17 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 8.82		8.82

26 05 29 Hangers And Supports For Electrical Systems (26 05)

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0001		Metal Framing Channel And Fittings (26 05 29)		
26 05 29 00-0002		Metal Framing Channel (26 05 29 00-0001) Note: Excludes fasteners and accessories.		
26 05 29 00-0003		14 Gauge Metal Framing Channels (26 05 29 00-0002)		
26 05 29 00-0004		14 Gauge, Steel Unistrut Channel (26 05 29 00-0003)		
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	16.53	5.75
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	16.76	5.75
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	7.43	2.16
26 05 29 00-0008		14 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0003)		
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	30.36	5.75
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.46	5.75
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	44.40	5.75
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	50.62	5.75
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	21.26	2.16
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.36	2.16
26 05 29 00-0015		14 Gauge, 316 Stainless Steel Unistrut Channel (26 05 29 00-0003)		
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	43.77	5.75
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	71.24	5.75
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	34.67	2.16
26 05 29 00-0019		12 Gauge Metal Framing Channels (26 05 29 00-0002)		
26 05 29 00-0020		12 Gauge, Steel Unistrut Channel (26 05 29 00-0019)		
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	17.29	5.75
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	17.03	5.75
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	16.87	5.75
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	18.27	5.75
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	17.76	5.75
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	17.42	5.75
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	8.19	2.16
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	7.93	2.16
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	7.77	2.16
26 05 29 00-0030		12 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0019)		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	34.49	5.75
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	39.85	5.75
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	52.68	5.75
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	63.40	5.75
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	25.39	2.16
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	30.75	2.16
26 05 29 00-0037		Metal Framing Channel Fittings (26 05 29 00-0001)		
26 05 29 00-0038		Unistrut Channel Closure Strips And Caps (26 05 29 00-0037)		
26 05 29 00-0039		Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	3.64	0.52
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	11.53	5.26
26 05 29 00-0042		Stainless Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	18.53	5.26
26 05 29 00-0044		Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0045		Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.01	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	3.99	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.65	
26 05 29 00-0049		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	15.10	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	22.39	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	28.56	
26 05 29 00-0053		90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0054		Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	3.91	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	3.42	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.24	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.18	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

26 05 29 00-0059	Stainless Steel 90 Degree Angle, Unistrut Channel Fittings <small>(26 05 29 00-0053)</small>		
26 05 29 00-0060	EA 2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	8.71	
26 05 29 00-0061	EA 2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	10.85	
26 05 29 00-0062	EA 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.23	
26 05 29 00-0063	EA 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	13.04	
26 05 29 00-0064	EA 3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	11.93	
26 05 29 00-0065	EA 3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	21.89	
26 05 29 00-0066	EA 3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	12.54	
26 05 29 00-0067	EA 3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	18.11	
26 05 29 00-0068	60 Degree Angle, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0069	Steel 60 Degree Angle, Unistrut Channel Fittings <small>(26 05 29 00-0068)</small>		
26 05 29 00-0070	EA 2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	7.11	
26 05 29 00-0071	U-Connector, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0072	Steel, U-Connector, Unistrut Channel Fittings <small>(26 05 29 00-0071)</small>		
26 05 29 00-0073	EA 3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	3.10	
26 05 29 00-0074	EA 5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	3.35	
26 05 29 00-0075	Stainless Steel, U-Connector, Unistrut Channel Fittings <small>(26 05 29 00-0071)</small>		
26 05 29 00-0076	EA 5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	17.99	
26 05 29 00-0077	Z-Bracket, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0078	Steel Z-Bracket, Unistrut Channel Fittings <small>(26 05 29 00-0077)</small>		
26 05 29 00-0079	EA 3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	7.27	
26 05 29 00-0080	Stainless Steel Z-Bracket, Unistrut Channel Fittings <small>(26 05 29 00-0077)</small>		
26 05 29 00-0081	EA 3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	34.83	
26 05 29 00-0082	Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0037)</small>		
	Note: Includes hex screw and nut.		
26 05 29 00-0083	Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
	Note: Includes hex screw and nut.		
26 05 29 00-0084	EA 1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.87	1.57
26 05 29 00-0085	EA 3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.88	1.57
26 05 29 00-0086	EA 1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.94	1.57
26 05 29 00-0087	EA 1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.07	2.11
26 05 29 00-0088	EA 1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.36	2.11
26 05 29 00-0089	EA 2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.39	2.11
26 05 29 00-0090	EA 2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.66	2.63
26 05 29 00-0091	EA 3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.92	2.63
26 05 29 00-0092	EA 3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.17	2.63
26 05 29 00-0093	EA 4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.26	2.63
26 05 29 00-0094	304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
	Note: Includes hex screw and nut.		
26 05 29 00-0095	EA 1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.06	1.57
26 05 29 00-0096	EA 3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.87	1.57
26 05 29 00-0097	EA 1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.69	1.57
26 05 29 00-0098	EA 1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.81	2.11
26 05 29 00-0099	EA 1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.06	2.11
26 05 29 00-0100	EA 2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.66	2.11
26 05 29 00-0101	EA 2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.41	2.63
26 05 29 00-0102	EA 3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	18.42	2.63
26 05 29 00-0103	EA 3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	19.29	2.63
26 05 29 00-0104	EA 4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	22.47	2.63
26 05 29 00-0105	316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
	Note: Includes hex screw and nut.		
26 05 29 00-0106	EA 1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.56	1.57
26 05 29 00-0107	EA 3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.71	1.57
26 05 29 00-0108	EA 1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.03	1.57
26 05 29 00-0109	EA 1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.96	2.11
26 05 29 00-0110	EA 1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.92	2.11
26 05 29 00-0111	EA 2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.12	2.11
26 05 29 00-0112	EA 2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.94	2.63
26 05 29 00-0113	EA 3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	18.96	2.63
26 05 29 00-0114	EA 3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	26.24	2.63

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0115	EA		4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	30.69	2.63
26 05 29 00-0116			Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0117			Steel Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0116)		
26 05 29 00-0118	EA		Set Screw Beam Clamp, Steel Unistrut Channel Fitting	26.74	9.59
26 05 29 00-0119	EA		"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	20.93	9.59
26 05 29 00-0120	EA		"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	26.15	9.59
26 05 29 00-0121			304 Stainless Steel Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0116)		
26 05 29 00-0122	EA		"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	43.26	9.59
26 05 29 00-0123			Square Washers For Unistrut Channel (26 05 29 00-0037)		
26 05 29 00-0124			Steel Square Washers For Unistrut Channel (26 05 29 00-0123)		
26 05 29 00-0125	EA		1/2" Bolt Size, Steel, Square Washer For Unistrut Channel.....	2.93	
26 05 29 00-0126			Stainless Steel Square Washers For Unistrut Channel (26 05 29 00-0123)		
26 05 29 00-0127	EA		1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	4.36	
26 05 29 00-0128	EA		1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	5.47	
26 05 29 00-0129			Strut Braces, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0130	EA		16" Diagonal Steel Bar Brace For Unistrut Channel	18.39	
26 05 29 00-0131			Trolley Hangers, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0132	EA		Steel Trolley Track Hanger For Unistrut Channel	23.22	
26 05 29 00-0133			Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0037)		
26 05 29 00-0134			Steel Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0133)		
26 05 29 00-0135	EA		1/4-20, Steel Lock Nut With Spring For Unistrut Channel	6.26	
26 05 29 00-0136	EA		3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.61	
26 05 29 00-0137	EA		1/2-13, Steel Lock Nut With Spring For Unistrut Channel	6.88	
26 05 29 00-0138	EA		5/8-11, Steel Lock Nut With Spring For Unistrut Channel	8.32	
26 05 29 00-0139			Stainless Steel Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0133)		
26 05 29 00-0140	EA		1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	12.43	
26 05 29 00-0141	EA		3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	13.19	
26 05 29 00-0142	EA		1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	18.39	
26 05 29 00-0143	EA		5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	30.99	
26 05 29 00-0144			Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0037)		
26 05 29 00-0145			Steel Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0144)		
26 05 29 00-0146	EA		1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	6.27	
26 05 29 00-0147	EA		3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.66	
26 05 29 00-0148	EA		1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	6.90	
26 05 29 00-0149	EA		5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	8.73	
26 05 29 00-0150			Stainless Steel Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0144)		
26 05 29 00-0151	EA		1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	9.09	
26 05 29 00-0152	EA		3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	10.83	
26 05 29 00-0153	EA		1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	11.74	
26 05 29 00-0154	EA		5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	30.20	
26 05 29 00-0155			Mounting Assemblies (26 05 29)		
26 05 29 00-0156			Galvanized Steel Mounting Assemblies (26 05 29 00-0155)		
26 05 29 00-0157			Galvanized Steel Back Plate (26 05 29 00-0156)		
26 05 29 00-0158	EA		1/4" x 4' x 4", Galvanized Steel Back Plate, Painted.....	366.78	62.99
26 05 29 00-0159	EA		3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	92.86	21.00
26 05 29 00-0160	EA		3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	234.82	52.49
26 05 29 00-0161			Aluminum Mounting Assemblies (26 05 29 00-0155)		
26 05 29 00-0162			Aluminum Back Plate (26 05 29 00-0161)		
26 05 29 00-0163	EA		3/16" x 2' x 2' Aluminum Back Plate.....	311.81	78.74

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate.....	833.91	78.74
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26 05 29 00-0165 Supports (26 05 29)
26 05 29 00-0166 One Hole Steel Conduit Straps (26 05 29 00-0165)

26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	3.73	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.35	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500, Deduct</i>	-1.05	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	3.77	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500, Deduct</i>	-1.05	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	3.98	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500, Deduct</i>	-1.07	
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	4.14	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.73	
		<i>For >500, Deduct</i>	-1.09	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.25	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.74	
		<i>For >500, Deduct</i>	-1.10	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	4.90	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.41	
		<i>For >250 To 500, Deduct</i>	-0.79	
		<i>For >500, Deduct</i>	-1.16	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	5.57	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.84	
		<i>For >500, Deduct</i>	-1.23	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	5.79	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.46	
		<i>For >250 To 500, Deduct</i>	-0.85	
		<i>For >500, Deduct</i>	-1.25	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	6.89	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.26	
		<i>For >100 To 250, Deduct</i>	-0.51	
		<i>For >250 To 500, Deduct</i>	-0.94	
		<i>For >500, Deduct</i>	-1.36	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	7.77	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-1.00	
		<i>For >500, Deduct</i>	-1.45	

26 05 29 00-0177 One Hole Iron Conduit Straps (26 05 29 00-0165)

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	3.83	
		<i>For Work In Restricted Working Space, Add</i>	1.01	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.36	
		<i>For >250 To 500, Deduct</i>	-0.71	
		<i>For >500, Deduct</i>	-1.06	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0179	EA 3/4", One Hole Iron Conduit Strap	3.94	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.37	
	For >250 To 500, Deduct	-0.72	
	For >500, Deduct	-1.07	
26 05 29 00-0180	EA 1", One Hole Iron Conduit Strap	4.13	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.19	
	For >100 To 250, Deduct	-0.37	
	For >250 To 500, Deduct	-0.73	
	For >500, Deduct	-1.09	
26 05 29 00-0181	EA 1-1/4", One Hole Iron Conduit Strap	4.58	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.76	
	For >500, Deduct	-1.13	
26 05 29 00-0182	EA 1-1/2", One Hole Iron Conduit Strap	4.76	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.78	
	For >500, Deduct	-1.15	
26 05 29 00-0183	EA 2", One Hole Iron Conduit Strap	5.92	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.46	
	For >250 To 500, Deduct	-0.86	
	For >500, Deduct	-1.26	
26 05 29 00-0184	EA 2-1/2", One Hole Iron Conduit Strap	8.40	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.29	
	For >100 To 250, Deduct	-0.59	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.51	
26 05 29 00-0185	EA 3", One Hole Iron Conduit Strap	10.47	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.35	
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-1.21	
	For >500, Deduct	-1.72	
26 05 29 00-0186	EA 3-1/2", One Hole Iron Conduit Strap	13.50	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.42	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.43	
	For >500, Deduct	-2.02	
26 05 29 00-0187	EA 4", One Hole Iron Conduit Strap	25.62	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.72	
	For >100 To 250, Deduct	-1.45	
	For >250 To 500, Deduct	-2.34	
	For >500, Deduct	-3.23	
26 05 29 00-0188	EA 5", One Hole Iron Conduit Strap	32.14	
	For Work In Restricted Working Space, Add	1.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.94	
	For >50 To 100, Deduct	-0.89	
	For >100 To 250, Deduct	-1.78	
	For >250 To 500, Deduct	-2.83	
	For >500, Deduct	-3.89	
26 05 29 00-0189	Two Hole Steel Conduit Straps (26 05 29 00-0165)		
26 05 29 00-0190	EA 1/2", Two Hole Steel Conduit Strap	4.26	
	For Work In Restricted Working Space, Add	1.13	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.79	
	For >500, Deduct	-1.18	
26 05 29 00-0191	EA 3/4", Two Hole Steel Conduit Strap	4.33	
	For Work In Restricted Working Space, Add	1.13	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-1.19	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	4.36	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.20	
		For >100 To 250, Deduct	-0.41	
		For >250 To 500, Deduct	-0.80	
		For >500, Deduct	-1.19	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	4.42	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.41	
		For >250 To 500, Deduct	-0.80	
		For >500, Deduct	-1.20	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	4.45	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.41	
		For >250 To 500, Deduct	-0.81	
		For >500, Deduct	-1.20	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	4.54	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.42	
		For >250 To 500, Deduct	-0.81	
		For >500, Deduct	-1.21	
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	5.04	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.22	
		For >100 To 250, Deduct	-0.44	
		For >250 To 500, Deduct	-0.85	
		For >500, Deduct	-1.26	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	5.15	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.22	
		For >100 To 250, Deduct	-0.45	
		For >250 To 500, Deduct	-0.86	
		For >500, Deduct	-1.27	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	5.54	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.23	
		For >100 To 250, Deduct	-0.47	
		For >250 To 500, Deduct	-0.89	
		For >500, Deduct	-1.31	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	5.81	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.24	
		For >100 To 250, Deduct	-0.48	
		For >250 To 500, Deduct	-0.91	
		For >500, Deduct	-1.34	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	6.16	
		For Work In Restricted Working Space, Add	1.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
		For >50 To 100, Deduct	-0.25	
		For >100 To 250, Deduct	-0.50	
		For >250 To 500, Deduct	-0.93	
		For >500, Deduct	-1.37	

26 05 29 00-0201 Clamp Back Spacers (26 05 29 00-0165)

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer.....	3.14	
		For Work In Restricted Working Space, Add	0.79	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.76	
		For >50 To 100, Deduct	-0.14	
		For >100 To 250, Deduct	-0.29	
		For >250 To 500, Deduct	-0.56	
		For >500, Deduct	-0.84	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer.....	3.29	
		For Work In Restricted Working Space, Add	0.79	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.76	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.57	
		For >500, Deduct	-0.85	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer.....	3.44	
		For Work In Restricted Working Space, Add	0.79	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.76	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.59	
		For >500, Deduct	-0.87	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	4.00	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.17	
		<i>For >100 To 250, Deduct</i>	-0.33	
		<i>For >250 To 500, Deduct</i>	-0.63	
		<i>For >500, Deduct</i>	-0.92	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	4.46	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.35	
		<i>For >250 To 500, Deduct</i>	-0.66	
		<i>For >500, Deduct</i>	-0.97	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	4.93	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500, Deduct</i>	-1.02	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	6.87	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.24	
		<i>For >100 To 250, Deduct</i>	-0.47	
		<i>For >250 To 500, Deduct</i>	-0.84	
		<i>For >500, Deduct</i>	-1.21	
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	9.19	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.30	
		<i>For >100 To 250, Deduct</i>	-0.59	
		<i>For >250 To 500, Deduct</i>	-1.02	
		<i>For >500, Deduct</i>	-1.44	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	11.44	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.35	
		<i>For >100 To 250, Deduct</i>	-0.70	
		<i>For >250 To 500, Deduct</i>	-1.19	
		<i>For >500, Deduct</i>	-1.67	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	22.01	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-0.62	
		<i>For >100 To 250, Deduct</i>	-1.23	
		<i>For >250 To 500, Deduct</i>	-1.98	
		<i>For >500, Deduct</i>	-2.73	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	39.84	
		<i>For Work In Restricted Working Space, Add</i>	0.79	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.76	
		<i>For >50 To 100, Deduct</i>	-1.06	
		<i>For >100 To 250, Deduct</i>	-2.12	
		<i>For >250 To 500, Deduct</i>	-3.32	
		<i>For >500, Deduct</i>	-4.51	

26 05 29 00-0213 Conduit Clips (26 05 29 00-0165)

Note: Push in or clip.

26 05 29 00-0214	EA	1/2" Conduit Clip	4.03	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500, Deduct</i>	-1.08	
26 05 29 00-0215	EA	3/4" Conduit Clip	4.03	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500, Deduct</i>	-1.08	
26 05 29 00-0216	EA	1" Conduit Clip	3.98	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.72	
		<i>For >500, Deduct</i>	-1.07	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	4.11	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.94	
		<i>For >50 To 100, Deduct</i>	-0.19	
		<i>For >100 To 250, Deduct</i>	-0.37	
		<i>For >250 To 500, Deduct</i>	-0.73	
		<i>For >500, Deduct</i>	-1.08	

26 05 29 00-0218 Bolt And Nut Conduit Clips (26 05 29 00-0165)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0219	EA 3/4" Bolt And Nut Conduit Clip (Minerallac 1B).....	5.01	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.46	
	For >250 To 500, Deduct	-0.90	
	For >500, Deduct	-1.34	
26 05 29 00-0220	EA 1" Bolt And Nut Conduit Clip (Minerallac 2B).....	5.14	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.15	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.47	
	For >250 To 500, Deduct	-0.91	
	For >500, Deduct	-1.35	
26 05 29 00-0221	EA 1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B).....	5.48	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.22	
	For >50 To 100, Deduct	-0.25	
	For >100 To 250, Deduct	-0.50	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.44	
26 05 29 00-0222	EA 1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B).....	5.55	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.22	
	For >50 To 100, Deduct	-0.25	
	For >100 To 250, Deduct	-0.50	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.45	
26 05 29 00-0223	EA 2" Bolt And Nut Conduit Clip (Minerallac 5B).....	6.04	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.22	
	For >50 To 100, Deduct	-0.26	
	For >100 To 250, Deduct	-0.53	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.50	
26 05 29 00-0224	EA 2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B).....	6.53	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.28	
	For >50 To 100, Deduct	-0.28	
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.60	
26 05 29 00-0225	EA 3" Bolt And Nut Conduit Clip (Minerallac 7B).....	6.96	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.28	
	For >50 To 100, Deduct	-0.29	
	For >100 To 250, Deduct	-0.58	
	For >250 To 500, Deduct	-1.11	
	For >500, Deduct	-1.64	
26 05 29 00-0226	EA 4" Bolt And Nut Conduit Clip (Minerallac 9B).....	11.63	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.41	
	For >50 To 100, Deduct	-0.42	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-2.21	
26 05 29 00-0227	Conduit Hanger From Flange, Wire Or Rod <small>(26 05 29 00-0165)</small>		
	Note: Bat wing.		
26 05 29 00-0228	EA 1/2", Conduit Hanger From Flange, Wire Or Rod	2.94	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.73	
	For >50 To 100, Deduct	-0.14	
	For >100 To 250, Deduct	-0.27	
	For >250 To 500, Deduct	-0.54	
	For >500, Deduct	-0.80	
26 05 29 00-0229	EA 3/4", Conduit Hanger From Flange, Wire Or Rod	2.98	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.73	
	For >50 To 100, Deduct	-0.14	
	For >100 To 250, Deduct	-0.28	
	For >250 To 500, Deduct	-0.54	
	For >500, Deduct	-0.80	
26 05 29 00-0230	EA 1", Conduit Hanger From Flange, Wire Or Rod	3.07	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.73	
	For >50 To 100, Deduct	-0.14	
	For >100 To 250, Deduct	-0.28	
	For >250 To 500, Deduct	-0.55	
	For >500, Deduct	-0.81	
26 05 29 00-0231	EA 1-1/4", Conduit Hanger From Flange, Wire Or Rod	3.32	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.73	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.56	
	For >500, Deduct	-0.84	
26 05 29 00-0232	Beam Flange Clamps <small>(26 05 29 00-0165)</small>		
	Note: For threaded rod, nut not required.		
26 05 29 00-0233	EA 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	4.01	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.33	
	For >250 To 500, Deduct	-0.63	
	For >500, Deduct	-0.93	
26 05 29 00-0234	EA 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	3.95	
	For >50 To 100, Deduct	-0.16	
	For >100 To 250, Deduct	-0.33	
	For >250 To 500, Deduct	-0.62	
	For >500, Deduct	-0.92	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0235	EA 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	4.33	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.65	
	For >500, Deduct	-0.96	
26 05 29 00-0236	T-Bar Support Clips <small>(26 05 29 00-0165)</small>	6.93	
26 05 29 00-0237	EA 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	6.93	
	For >50 To 100, Deduct	-0.30	
	For >100 To 250, Deduct	-0.61	
	For >250 To 500, Deduct	-1.18	
	For >500, Deduct	-1.74	
26 05 29 00-0238	EA 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	6.64	
	For >50 To 100, Deduct	-0.30	
	For >100 To 250, Deduct	-0.59	
	For >250 To 500, Deduct	-1.15	
	For >500, Deduct	-1.71	
26 05 29 00-0239	EA 15/16" Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	2.34	
	For >50 To 100, Deduct	-0.09	
	For >100 To 250, Deduct	-0.18	
	For >250 To 500, Deduct	-0.34	
	For >500, Deduct	-0.50	
26 05 29 00-0240	EA 24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	16.96	
	For >50 To 100, Deduct	-0.48	
	For >100 To 250, Deduct	-0.95	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-2.12	
26 05 29 00-0241	Switch And Outlet Box Type Supports <small>(26 05 29 00-0165)</small>	4.64	
26 05 29 00-0242	EA 1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	4.64	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.61	
	For >500, Deduct	-0.88	
26 05 29 00-0243	EA 1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	4.01	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.56	
	For >500, Deduct	-0.82	
26 05 29 00-0244	EA Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	4.55	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.33	
	For >250 To 500, Deduct	-0.60	
	For >500, Deduct	-0.88	
26 05 29 00-0245	EA Snap On, Switch And Outlet Box Support (Caddy MSF)	3.12	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.50	
	For >500, Deduct	-0.73	
26 05 29 00-0246	EA 1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	3.24	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.27	
	For >250 To 500, Deduct	-0.51	
	For >500, Deduct	-0.74	
26 05 29 00-0247	Lighting Fixture Hanger <small>(26 05 29 00-0165)</small>	4.81	
	Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	4.81	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.45	
	For >250 To 500, Deduct	-0.89	
	For >500, Deduct	-1.32	
26 05 29 00-0249	PR Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	14.09	
	For >50 To 100, Deduct	-0.46	
	For >100 To 250, Deduct	-0.91	
	For >250 To 500, Deduct	-1.58	
	For >500, Deduct	-2.25	
26 05 29 00-0250	PR Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	18.96	
	For >50 To 100, Deduct	-0.58	
	For >100 To 250, Deduct	-1.16	
	For >250 To 500, Deduct	-1.95	
	For >500, Deduct	-2.74	
26 05 29 00-0251	Rigid Steel Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0165)</small>	3.87	
26 05 29 00-0252	EA 1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.87	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.68	
	For >500, Deduct	-1.02	
	For Work In Restricted Working Space, Add	0.95	
26 05 29 00-0253	EA 3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.88	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.68	
	For >500, Deduct	-1.02	
	For Work In Restricted Working Space, Add	0.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 05 29 00-0254	EA	1"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	3.94	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500, Deduct</i>	-1.02	
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 29 00-0255	EA	1-1/4"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.07	
			<i>For >50 To 100, Deduct</i>	-0.23	
			<i>For >100 To 250, Deduct</i>	-0.46	
			<i>For >250 To 500, Deduct</i>	-0.91	
			<i>For >500, Deduct</i>	-1.35	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 29 00-0256	EA	1-1/2"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.36	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.48	
			<i>For >250 To 500, Deduct</i>	-0.93	
			<i>For >500, Deduct</i>	-1.38	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 29 00-0257	EA	2"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.39	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.48	
			<i>For >250 To 500, Deduct</i>	-0.93	
			<i>For >500, Deduct</i>	-1.38	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 29 00-0258	EA	2-1/2"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	6.65	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >100 To 250, Deduct</i>	-0.60	
			<i>For >250 To 500, Deduct</i>	-1.16	
			<i>For >500, Deduct</i>	-1.72	
			<i>For Work In Restricted Working Space, Add</i>	1.58	
26 05 29 00-0259	EA	3"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	6.91	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >100 To 250, Deduct</i>	-0.61	
			<i>For >250 To 500, Deduct</i>	-1.17	
			<i>For >500, Deduct</i>	-1.74	
			<i>For Work In Restricted Working Space, Add</i>	1.58	
26 05 29 00-0260	EA	3-1/2"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.16	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100 To 250, Deduct</i>	-0.62	
			<i>For >250 To 500, Deduct</i>	-1.19	
			<i>For >500, Deduct</i>	-1.77	
			<i>For Work In Restricted Working Space, Add</i>	1.58	
26 05 29 00-0261	EA	4"	Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.25	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100 To 250, Deduct</i>	-0.63	
			<i>For >250 To 500, Deduct</i>	-1.20	
			<i>For >500, Deduct</i>	-1.78	
			<i>For Work In Restricted Working Space, Add</i>	1.58	

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel (26 05 29 00-0165)

26 05 29 00-0263	EA	1/2"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.06	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.70	
			<i>For >500, Deduct</i>	-1.04	
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 29 00-0264	EA	3/4"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.04	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.70	
			<i>For >500, Deduct</i>	-1.03	
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 29 00-0265	EA	1"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.01	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500, Deduct</i>	-1.03	
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 29 00-0266	EA	1-1/4"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.30	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.48	
			<i>For >250 To 500, Deduct</i>	-0.92	
			<i>For >500, Deduct</i>	-1.37	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 29 00-0267	EA	1-1/2"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.81	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >100 To 250, Deduct</i>	-0.50	
			<i>For >250 To 500, Deduct</i>	-0.96	
			<i>For >500, Deduct</i>	-1.42	
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 29 00-0268	EA	2"	Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.84	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >100 To 250, Deduct</i>	-0.50	
			<i>For >250 To 500, Deduct</i>	-0.96	
			<i>For >500, Deduct</i>	-1.42	
			<i>For Work In Restricted Working Space, Add</i>	1.26	

26 05 29 00-0269 "J" Type Conduit Hangers (26 05 29 00-0165)

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0270	EA 1/2", "J" Type Conduit Hanger (Unistrut J1205).....	17.58	
	<i>For >50 To 100, Deduct</i>	-0.62	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-2.24	
	<i>For >500, Deduct</i>	-3.23	
	<i>For Work In Restricted Working Space, Add</i>	2.21	
26 05 29 00-0271	EA 3/4", "J" Type Conduit Hanger (Unistrut J1207).....	17.76	
	<i>For >50 To 100, Deduct</i>	-0.63	
	<i>For >100 To 250, Deduct</i>	-1.26	
	<i>For >250 To 500, Deduct</i>	-2.25	
	<i>For >500, Deduct</i>	-3.25	
	<i>For Work In Restricted Working Space, Add</i>	2.21	
26 05 29 00-0272	EA 1", "J" Type Conduit Hanger (Unistrut J1210).....	18.97	
	<i>For >50 To 100, Deduct</i>	-0.68	
	<i>For >100 To 250, Deduct</i>	-1.37	
	<i>For >250 To 500, Deduct</i>	-2.47	
	<i>For >500, Deduct</i>	-3.58	
	<i>For Work In Restricted Working Space, Add</i>	2.52	
26 05 29 00-0273	EA 1-1/4", "J" Type Conduit Hanger (Unistrut J1212).....	19.16	
	<i>For >50 To 100, Deduct</i>	-0.69	
	<i>For >100 To 250, Deduct</i>	-1.38	
	<i>For >250 To 500, Deduct</i>	-2.49	
	<i>For >500, Deduct</i>	-3.59	
	<i>For Work In Restricted Working Space, Add</i>	2.52	
26 05 29 00-0274	EA 1-1/2", "J" Type Conduit Hanger (Unistrut J1215).....	20.35	
	<i>For >50 To 100, Deduct</i>	-0.75	
	<i>For >100 To 250, Deduct</i>	-1.49	
	<i>For >250 To 500, Deduct</i>	-2.71	
	<i>For >500, Deduct</i>	-3.93	
	<i>For Work In Restricted Working Space, Add</i>	2.84	
26 05 29 00-0275	EA 2", "J" Type Conduit Hanger (Unistrut J1220).....	21.07	
	<i>For >50 To 100, Deduct</i>	-0.76	
	<i>For >100 To 250, Deduct</i>	-1.53	
	<i>For >250 To 500, Deduct</i>	-2.76	
	<i>For >500, Deduct</i>	-4.00	
	<i>For Work In Restricted Working Space, Add</i>	2.84	
26 05 29 00-0276	EA 2-1/2", "J" Type Conduit Hanger (Unistrut J1225).....	32.51	
	<i>For >50 To 100, Deduct</i>	-1.08	
	<i>For >100 To 250, Deduct</i>	-2.15	
	<i>For >250 To 500, Deduct</i>	-3.75	
	<i>For >500, Deduct</i>	-5.35	
	<i>For Work In Restricted Working Space, Add</i>	3.15	
26 05 29 00-0277	EA 3", "J" Type Conduit Hanger (Unistrut J1230).....	34.66	
	<i>For >50 To 100, Deduct</i>	-1.16	
	<i>For >100 To 250, Deduct</i>	-2.31	
	<i>For >250 To 500, Deduct</i>	-4.04	
	<i>For >500, Deduct</i>	-5.78	
	<i>For Work In Restricted Working Space, Add</i>	3.47	
26 05 29 00-0278	EA 3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	37.35	
	<i>For >50 To 100, Deduct</i>	-1.25	
	<i>For >100 To 250, Deduct</i>	-2.50	
	<i>For >250 To 500, Deduct</i>	-4.38	
	<i>For >500, Deduct</i>	-6.26	
	<i>For Work In Restricted Working Space, Add</i>	3.78	
26 05 29 00-0279	EA 4", "J" Type Conduit Hanger (Unistrut J1240).....	48.62	
	<i>For >50 To 100, Deduct</i>	-1.53	
	<i>For >100 To 250, Deduct</i>	-3.06	
	<i>For >250 To 500, Deduct</i>	-5.22	
	<i>For >500, Deduct</i>	-7.38	
	<i>For Work In Restricted Working Space, Add</i>	3.78	
26 05 29 00-0280	EA 5", "J" Type Conduit Hanger (Unistrut J1250).....	53.36	
	<i>For >50 To 100, Deduct</i>	-1.68	
	<i>For >100 To 250, Deduct</i>	-3.35	
	<i>For >250 To 500, Deduct</i>	-5.71	
	<i>For >500, Deduct</i>	-8.06	
	<i>For Work In Restricted Working Space, Add</i>	4.09	
26 05 29 00-0281	EA 6", "J" Type Conduit Hanger (Unistrut J1260).....	74.35	
	<i>For >50 To 100, Deduct</i>	-2.25	
	<i>For >100 To 250, Deduct</i>	-4.51	
	<i>For >250 To 500, Deduct</i>	-7.55	
	<i>For >500, Deduct</i>	-10.59	
	<i>For Work In Restricted Working Space, Add</i>	4.73	

26 05 29 00-0282 Between Studs Box Brackets (26 05 29 00-0165)

26 05 29 00-0283	EA 16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A).....	6.47	
	<i>For >50 To 100, Deduct</i>	-0.24	
	<i>For >100 To 250, Deduct</i>	-0.48	
	<i>For >250 To 500, Deduct</i>	-0.88	
	<i>For >500, Deduct</i>	-1.28	
	<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 29 00-0284	EA 24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A).....	7.62	
	<i>For >50 To 100, Deduct</i>	-0.27	
	<i>For >100 To 250, Deduct</i>	-0.54	
	<i>For >250 To 500, Deduct</i>	-0.97	
	<i>For >500, Deduct</i>	-1.39	
	<i>For Work In Restricted Working Space, Add</i>	0.95	

26 05 29 00-0285 Hangers And Brackets (26 05 29 00-0165)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0286 EA Rod Hangers Only With 1/4" Thread Impression (Caddy 4T)	2.53	
<i>For >50 To 100, Deduct</i>	-0.12	
<i>For >100 To 250, Deduct</i>	-0.23	
<i>For >250 To 500, Deduct</i>	-0.45	
<i>For >500, Deduct</i>	-0.67	
26 05 29 00-0287 EA Angle Bracket Only With 1/4" Hole (Caddy AB)	2.47	
<i>For >50 To 100, Deduct</i>	-0.11	
<i>For >100 To 250, Deduct</i>	-0.23	
<i>For >250 To 500, Deduct</i>	-0.45	
<i>For >500, Deduct</i>	-0.67	
26 05 29 00-0288 EA Offset Bracket Only With 1/4" Hole (Caddy AO)	2.47	
<i>For >50 To 100, Deduct</i>	-0.11	
<i>For >100 To 250, Deduct</i>	-0.23	
<i>For >250 To 500, Deduct</i>	-0.45	
<i>For >500, Deduct</i>	-0.67	
26 05 29 00-0289 EA Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB).....	3.16	
<i>For >50 To 100, Deduct</i>	-0.13	
<i>For >100 To 250, Deduct</i>	-0.26	
<i>For >250 To 500, Deduct</i>	-0.50	
<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0290 EA Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB).....	3.17	
<i>For >50 To 100, Deduct</i>	-0.13	
<i>For >100 To 250, Deduct</i>	-0.26	
<i>For >250 To 500, Deduct</i>	-0.50	
<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0291 EA Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB).....	3.10	
<i>For >50 To 100, Deduct</i>	-0.13	
<i>For >100 To 250, Deduct</i>	-0.26	
<i>For >250 To 500, Deduct</i>	-0.50	
<i>For >500, Deduct</i>	-0.73	
26 05 29 00-0292 EA Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO).....	3.16	
<i>For >50 To 100, Deduct</i>	-0.13	
<i>For >100 To 250, Deduct</i>	-0.26	
<i>For >250 To 500, Deduct</i>	-0.50	
<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0293 EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO).....	3.17	
<i>For >50 To 100, Deduct</i>	-0.13	
<i>For >100 To 250, Deduct</i>	-0.26	
<i>For >250 To 500, Deduct</i>	-0.50	
<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0294 Clips And Accessories <small>(26 05 29 00-0165)</small>		
26 05 29 00-0295 EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.69	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >100 To 250, Deduct</i>	-0.15	
<i>For >250 To 500, Deduct</i>	-0.29	
<i>For >500, Deduct</i>	-0.43	
26 05 29 00-0296 EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.72	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >100 To 250, Deduct</i>	-0.15	
<i>For >250 To 500, Deduct</i>	-0.29	
<i>For >500, Deduct</i>	-0.43	
26 05 29 00-0297 EA 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20).....	1.82	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >100 To 250, Deduct</i>	-0.16	
<i>For >250 To 500, Deduct</i>	-0.30	
<i>For >500, Deduct</i>	-0.44	
26 05 29 00-0298 EA 2" Diameter Center, Bridle Ring (Caddy 2BR32).....	2.04	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >100 To 250, Deduct</i>	-0.17	
<i>For >250 To 500, Deduct</i>	-0.32	
<i>For >500, Deduct</i>	-0.47	
26 05 29 00-0299 Wire Ties <small>(26 05 29 00-0165)</small>		
Note: Per hundred (C).		
26 05 29 00-0300 C 3" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	25.19	
<i>For Up To 0.1, Add</i>	21.90	
<i>For >0.1 To 0.25, Add</i>	10.95	
<i>For >0.25 To 0.75, Add</i>	5.48	
<i>For >2.0, Deduct</i>	-2.19	
<i>For UV Black, Add</i>	0.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.57	
26 05 29 00-0301 C 4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	25.32	
<i>For Up To 0.1, Add</i>	21.90	
<i>For >0.1 To 0.25, Add</i>	10.95	
<i>For >0.25 To 0.75, Add</i>	5.48	
<i>For >2.0, Deduct</i>	-2.19	
<i>For UV Black, Add</i>	0.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.57	
26 05 29 00-0302 C 4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	25.41	
<i>For Up To 0.1, Add</i>	21.90	
<i>For >0.1 To 0.25, Add</i>	10.95	
<i>For >0.25 To 0.75, Add</i>	5.48	
<i>For >2.0, Deduct</i>	-2.19	
<i>For UV Black, Add</i>	0.53	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.57	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0303	C 5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	25.45	
	For Up To 0.1, Add	21.90	
	For >0.1 To 0.25, Add	10.95	
	For >0.25 To 0.75, Add	5.48	
	For >2.0, Deduct	-2.19	
	For UV Black, Add	0.53	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.57	
26 05 29 00-0304	C 6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	26.44	
	For Up To 0.1, Add	22.85	
	For >0.1 To 0.25, Add	11.43	
	For >0.25 To 0.75, Add	5.71	
	For >2.0, Deduct	-2.29	
	For UV Black, Add	0.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 29 00-0305	C 8" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	30.26	
	For Up To 0.1, Add	23.89	
	For >0.1 To 0.25, Add	11.95	
	For >0.25 To 0.75, Add	5.97	
	For >2.0, Deduct	-2.39	
	For UV Black, Add	0.96	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.17	
26 05 29 00-0306	C 4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	28.73	
	For Up To 0.1, Add	21.90	
	For >0.1 To 0.25, Add	10.95	
	For >0.25 To 0.75, Add	5.48	
	For >2.0, Deduct	-2.19	
	For UV Black, Add	1.02	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.57	
26 05 29 00-0307	C 6" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	29.73	
	For Up To 0.1, Add	22.85	
	For >0.1 To 0.25, Add	11.43	
	For >0.25 To 0.75, Add	5.71	
	For >2.0, Deduct	-2.29	
	For UV Black, Add	1.03	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.86	
26 05 29 00-0308	C 8" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	30.81	
	For Up To 0.1, Add	23.89	
	For >0.1 To 0.25, Add	11.95	
	For >0.25 To 0.75, Add	5.97	
	For >2.0, Deduct	-2.39	
	For UV Black, Add	1.04	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.17	
26 05 29 00-0309	C 10" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	41.72	
	For Up To 0.1, Add	25.77	
	For >0.1 To 0.25, Add	12.89	
	For >0.25 To 0.75, Add	6.44	
	For >2.0, Deduct	-2.58	
	For UV Black, Add	2.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 29 00-0310	C 11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	43.16	
	For Up To 0.1, Add	25.77	
	For >0.1 To 0.25, Add	12.89	
	For >0.25 To 0.75, Add	6.44	
	For >2.0, Deduct	-2.58	
	For UV Black, Add	2.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 29 00-0311	C 7" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	31.81	
	For Up To 0.1, Add	23.89	
	For >0.1 To 0.25, Add	11.95	
	For >0.25 To 0.75, Add	5.97	
	For >2.0, Deduct	-2.39	
	For UV Black, Add	1.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.17	
26 05 29 00-0312	C 8" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	30.54	
	For Up To 0.1, Add	23.89	
	For >0.1 To 0.25, Add	11.95	
	For >0.25 To 0.75, Add	5.97	
	For >2.0, Deduct	-2.39	
	For UV Black, Add	1.00	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.17	
26 05 29 00-0313	C 11" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	42.11	
	For Up To 0.1, Add	25.77	
	For >0.1 To 0.25, Add	12.89	
	For >0.25 To 0.75, Add	6.44	
	For >2.0, Deduct	-2.58	
	For UV Black, Add	2.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.73	
26 05 29 00-0314	C 14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	47.47	
	For Up To 0.1, Add	27.37	
	For >0.1 To 0.25, Add	13.69	
	For >0.25 To 0.75, Add	6.84	
	For >2.0, Deduct	-2.74	
	For UV Black, Add	3.02	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.21	
26 05 29 00-0315	C 8" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	45.45	
	For Up To 0.1, Add	23.89	
	For >0.1 To 0.25, Add	11.95	
	For >0.25 To 0.75, Add	5.97	
	For >2.0, Deduct	-2.39	
	For UV Black, Add	3.23	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 05 29 00-0316	C	11"	Length, 120 LB Tensile Strength, Nylon Cable Ties.....	49.64	
			<i>For Up To 0.1, Add</i>	25.77	
			<i>For >0.1 To 0.25, Add</i>	12.89	
			<i>For >0.25 To 0.75, Add</i>	6.44	
			<i>For >2.0, Deduct</i>	-2.58	
			<i>For UV Black, Add</i>	3.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.73	
26 05 29 00-0317	C	15"	Length, 120 LB Tensile Strength, Nylon Cable Ties.....	58.77	
			<i>For Up To 0.1, Add</i>	27.37	
			<i>For >0.1 To 0.25, Add</i>	13.69	
			<i>For >0.25 To 0.75, Add</i>	6.84	
			<i>For >2.0, Deduct</i>	-2.74	
			<i>For UV Black, Add</i>	4.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.21	
26 05 29 00-0318	C	17"	Length, 120 LB Tensile Strength, Nylon Cable Ties.....	80.64	
			<i>For Up To 0.1, Add</i>	29.20	
			<i>For >0.1 To 0.25, Add</i>	14.60	
			<i>For >0.25 To 0.75, Add</i>	7.30	
			<i>For >2.0, Deduct</i>	-2.92	
			<i>For UV Black, Add</i>	7.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.76	
26 05 29 00-0319	C	17-3/4"	Length, 175 LB Tensile Strength, Nylon Cable Ties.....	78.45	
			<i>For Up To 0.1, Add</i>	29.20	
			<i>For >0.1 To 0.25, Add</i>	14.60	
			<i>For >0.25 To 0.75, Add</i>	7.30	
			<i>For >2.0, Deduct</i>	-2.92	
			<i>For UV Black, Add</i>	7.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.76	
26 05 29 00-0320	C	21-11/16"	Length, 175 LB Tensile Strength, Nylon Cable Ties.....	93.84	
			<i>For Up To 0.1, Add</i>	30.56	
			<i>For >0.1 To 0.25, Add</i>	15.28	
			<i>For >0.25 To 0.75, Add</i>	7.64	
			<i>For >2.0, Deduct</i>	-3.06	
			<i>For UV Black, Add</i>	9.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.17	
26 05 29 00-0321	C	30"	Length, 175 LB Tensile Strength, Nylon Cable Ties.....	107.48	
			<i>For Up To 0.1, Add</i>	32.05	
			<i>For >0.1 To 0.25, Add</i>	16.03	
			<i>For >0.25 To 0.75, Add</i>	8.01	
			<i>For >2.0, Deduct</i>	-3.21	
			<i>For UV Black, Add</i>	11.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.62	
26 05 29 00-0322	C	46"	Length, 175 LB Tensile Strength, Nylon Cable Ties.....	144.18	
			<i>For Up To 0.1, Add</i>	34.58	
			<i>For >0.1 To 0.25, Add</i>	17.29	
			<i>For >0.25 To 0.75, Add</i>	8.65	
			<i>For >2.0, Deduct</i>	-3.46	
			<i>For UV Black, Add</i>	16.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.37	
26 05 29 00-0323	C	3/4" x 3/4"	Self Adhesive Tie Mounts.....	34.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.86	
26 05 29 00-0324	C	1.1" x 1.1"	Tie Mounts With Screw.....	68.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.71	
26 05 29 00-0325	EA	6" Length x 1/2" Width,	Velcro Grip Cable Tie.....	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.16	
26 05 29 00-0326	EA	8" Length x 1/2" Width,	Velcro Grip Cable Tie.....	1.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.13	
26 05 29 00-0327	EA	12" Length x 1/2" Width,	Velcro Grip Cable Tie.....	1.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.13	
26 05 29 00-0328	EA	15" Length x 3/4" Width,	Velcro Grip Cable Tie.....	2.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.13	
26 05 29 00-0329	EA	180" Length x 3/4" Width,	Velcro Grip Cable Tie Roll.....	62.68	
			Note: Cut to length.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.99	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit (26 05 29)
 Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.

26 05 29 00-0331 Toggle Bolts (26 05 29 00-0330)
 Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0332	EA	1/8" Diameter,	3" Length, Zinc Plated Steel, Toggle Bolt.....	8.19	
			<i>For >50 To 100, Deduct</i>	-0.78	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.89	
26 05 29 00-0333	EA	1/8" Diameter,	4" Length, Zinc Plated Steel, Toggle Bolt.....	8.41	
			<i>For >50 To 100, Deduct</i>	-0.80	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.80	
			<i>For >500, Deduct</i>	-3.99	
26 05 29 00-0334	EA	3/16" Diameter,	3" Length, Zinc Plated Steel, Toggle Bolt.....	8.88	
			<i>For >50 To 100, Deduct</i>	-0.83	
			<i>For >100 To 250, Deduct</i>	-1.65	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500, Deduct</i>	-4.11	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0335	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.11	
		<i>For >50 To 100, Deduct</i>	-0.85	
		<i>For >100 To 250, Deduct</i>	-1.69	
		<i>For >250 To 500, Deduct</i>	-2.95	
		<i>For >500, Deduct</i>	-4.21	
26 05 29 00-0336	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.32	
		<i>For >50 To 100, Deduct</i>	-0.87	
		<i>For >100 To 250, Deduct</i>	-1.73	
		<i>For >250 To 500, Deduct</i>	-3.02	
		<i>For >500, Deduct</i>	-4.31	
26 05 29 00-0337	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	10.60	
		<i>For >50 To 100, Deduct</i>	-0.91	
		<i>For >100 To 250, Deduct</i>	-1.82	
		<i>For >250 To 500, Deduct</i>	-3.17	
		<i>For >500, Deduct</i>	-4.51	
26 05 29 00-0338	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.04	
		<i>For >50 To 100, Deduct</i>	-0.94	
		<i>For >100 To 250, Deduct</i>	-1.88	
		<i>For >250 To 500, Deduct</i>	-3.25	
		<i>For >500, Deduct</i>	-4.63	
26 05 29 00-0339		Machine Screws <small>(26 05 29 00-0330)</small>		
		Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0340	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.41	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.47	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500, Deduct</i>	-1.17	
26 05 29 00-0341	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.45	
		<i>For >50 To 100, Deduct</i>	-0.24	
		<i>For >100 To 250, Deduct</i>	-0.47	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500, Deduct</i>	-1.17	
26 05 29 00-0342	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.08	
		<i>For >50 To 100, Deduct</i>	-0.30	
		<i>For >100 To 250, Deduct</i>	-0.59	
		<i>For >250 To 500, Deduct</i>	-1.03	
		<i>For >500, Deduct</i>	-1.48	
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.23	
		<i>For >50 To 100, Deduct</i>	-0.30	
		<i>For >100 To 250, Deduct</i>	-0.60	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500, Deduct</i>	-1.49	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.99	
		<i>For >50 To 100, Deduct</i>	-0.36	
		<i>For >100 To 250, Deduct</i>	-0.72	
		<i>For >250 To 500, Deduct</i>	-1.26	
		<i>For >500, Deduct</i>	-1.80	
26 05 29 00-0345		Hex Lag Bolts With Lag Shield Expansion Anchors <small>(26 05 29 00-0330)</small>		
		Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	4.00	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500, Deduct</i>	-1.57	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	3.94	
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500, Deduct</i>	-1.56	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	5.63	
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.38	
		<i>For >500, Deduct</i>	-1.96	
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	7.21	
		<i>For >50 To 100, Deduct</i>	-0.48	
		<i>For >100 To 250, Deduct</i>	-0.97	
		<i>For >250 To 500, Deduct</i>	-1.66	
		<i>For >500, Deduct</i>	-2.35	
26 05 29 00-0350		Hanger Lag Bolts With Hex Nuts <small>(26 05 29 00-0330)</small>		
		Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	2.97	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100 To 250, Deduct</i>	-0.50	
		<i>For >250 To 500, Deduct</i>	-0.86	
		<i>For >500, Deduct</i>	-1.23	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.02	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100 To 250, Deduct</i>	-0.50	
		<i>For >250 To 500, Deduct</i>	-0.86	
		<i>For >500, Deduct</i>	-1.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0353	EA	3/8"	Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.60	
			<i>For >50 To 100, Deduct</i>	-0.29	
			<i>For >100 To 250, Deduct</i>	-0.57	
			<i>For >250 To 500, Deduct</i>	-0.99	
			<i>For >500, Deduct</i>	-1.40	

26 05 29 00-0354 Hollow Wall Screw Anchors (26 05 29 00-0330)

26 05 29 00-0355	EA	6-32	Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.75	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.52	
			<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0356	EA	6-32	Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.81	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.52	
			<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0357	EA	6-32	Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.90	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.53	
			<i>For >500, Deduct</i>	-0.75	
26 05 29 00-0358	EA	10-24	Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.41	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.63	
			<i>For >500, Deduct</i>	-0.89	
26 05 29 00-0359	EA	10-24	Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.53	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.64	
			<i>For >500, Deduct</i>	-0.90	
26 05 29 00-0360	EA	10-24	Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.57	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.64	
			<i>For >500, Deduct</i>	-0.91	
26 05 29 00-0361	EA	1/4-20	Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.59	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.64	
			<i>For >500, Deduct</i>	-0.91	
26 05 29 00-0362	EA	1/4-20	Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.77	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.38	
			<i>For >250 To 500, Deduct</i>	-0.65	
			<i>For >500, Deduct</i>	-0.93	
26 05 29 00-0363	EA	1/4-20	Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.84	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.39	
			<i>For >250 To 500, Deduct</i>	-0.66	
			<i>For >500, Deduct</i>	-0.93	

26 05 29 00-0364 Lead Screw Anchors (26 05 29 00-0330)

Note: Includes screw.					
26 05 29 00-0365	EA	#6-8	Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw.....	4.05	
			<i>For >50 To 100, Deduct</i>	-0.37	
			<i>For >100 To 250, Deduct</i>	-0.74	
			<i>For >250 To 500, Deduct</i>	-1.29	
			<i>For >500, Deduct</i>	-1.84	
26 05 29 00-0366	EA	#10-14	Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	4.82	
			<i>For >50 To 100, Deduct</i>	-0.43	
			<i>For >100 To 250, Deduct</i>	-0.86	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-2.14	
26 05 29 00-0367	EA	#16-18	Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	6.54	
			<i>For >50 To 100, Deduct</i>	-0.56	
			<i>For >100 To 250, Deduct</i>	-1.12	
			<i>For >250 To 500, Deduct</i>	-1.94	
			<i>For >500, Deduct</i>	-2.76	

26 05 29 00-0368 Acoustical T-Bar Clips (26 05 29 00-0330)

Note: For conduit installation above suspended ceilings up to 15' height.					
26 05 29 00-0369	EA	1/2"	Conduit, Push-In Acoustical T-Bar Clip.....	5.59	
			<i>For >50 To 100, Deduct</i>	-0.48	
			<i>For >100 To 250, Deduct</i>	-0.95	
			<i>For >250 To 500, Deduct</i>	-1.65	
			<i>For >500, Deduct</i>	-2.35	
26 05 29 00-0370	EA	3/4"	Conduit, Push-In Acoustical T-Bar Clip.....	5.86	
			<i>For >50 To 100, Deduct</i>	-0.50	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.47	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0371	EA		1" Conduit, Push-In Acoustical T-Bar Clip.....	6.32	
			<i>For >50 To 100, Deduct</i>	-0.53	
			<i>For >100 To 250, Deduct</i>	-1.06	
			<i>For >250 To 500, Deduct</i>	-1.84	
			<i>For >500, Deduct</i>	-2.62	
26 05 29 00-0372			Threaded Rod, Accessories And Attachments (26 05 29)		
26 05 29 00-0373			Threaded Rod And Rod Accessories (26 05 29 00-0372)		
26 05 29 00-0374			Carbon Steel Threaded Rod (26 05 29 00-0373)		
			Note: Includes plain finish.		
26 05 29 00-0375	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.21	0.66
			<i>For Galvanized, Add</i>	0.76	
			<i>For Zinc Coated, Add</i>	0.54	
26 05 29 00-0376	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.41	0.70
			<i>For Galvanized, Add</i>	1.21	
			<i>For Zinc Coated, Add</i>	0.86	
26 05 29 00-0377	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.14	0.72
			<i>For Galvanized, Add</i>	1.88	
			<i>For Zinc Coated, Add</i>	1.34	
26 05 29 00-0378	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.00	0.74
			<i>For Galvanized, Add</i>	3.40	
			<i>For Zinc Coated, Add</i>	2.43	
26 05 29 00-0379	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.90	0.77
			<i>For Galvanized, Add</i>	3.74	
			<i>For Zinc Coated, Add</i>	2.67	
26 05 29 00-0380	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.90	0.87
			<i>For Galvanized, Add</i>	5.26	
			<i>For Zinc Coated, Add</i>	3.74	
26 05 29 00-0381	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.52	0.97
			<i>For Galvanized, Add</i>	6.63	
			<i>For Zinc Coated, Add</i>	4.72	
26 05 29 00-0382			Threaded Rod Couplings (26 05 29 00-0373)		
26 05 29 00-0383	EA		3/8" Diameter, Threaded Rod Coupling Nut.....	8.51	
26 05 29 00-0384	EA		1/2" Diameter, Threaded Rod Coupling Nut.....	9.66	
26 05 29 00-0385	EA		5/8" Diameter, Threaded Rod Coupling Nut.....	12.10	
26 05 29 00-0386	EA		3/4" Diameter, Threaded Rod Coupling Nut.....	14.79	
26 05 29 00-0387	EA		7/8" Diameter, Threaded Rod Coupling Nut.....	21.77	
26 05 29 00-0388	EA		1" Diameter, Threaded Rod Coupling Nut.....	25.82	
26 05 29 00-0389	EA		1-1/8" Diameter, Threaded Rod Coupling Nut	49.66	
26 05 29 00-0390			Flat Washers (26 05 29 00-0373)		
26 05 29 00-0391	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.73	0.26
			<i>For Galvanized, Add</i>	0.03	
26 05 29 00-0392	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	0.26
			<i>For Galvanized, Add</i>	0.07	
26 05 29 00-0393	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.24	0.26
			<i>For Galvanized, Add</i>	0.14	
26 05 29 00-0394	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.52	0.52
			<i>For Galvanized, Add</i>	0.20	
26 05 29 00-0395	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.71	0.52
			<i>For Galvanized, Add</i>	0.24	
26 05 29 00-0396	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.03	0.52
			<i>For Galvanized, Add</i>	0.29	
26 05 29 00-0397	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.28	0.52
			<i>For Galvanized, Add</i>	0.33	
26 05 29 00-0398			Malleable Iron Eye Sockets (26 05 29 00-0373)		
			Note: Type 16.		
26 05 29 00-0399	EA		3/8" Rod Size, Malleable Iron Eye Socket.....	7.32	
26 05 29 00-0400	EA		1/2" Rod Size, Malleable Iron Eye Socket.....	8.62	
26 05 29 00-0401	EA		5/8" Rod Size, Malleable Iron Eye Socket.....	14.06	
26 05 29 00-0402	EA		3/4" Rod Size, Malleable Iron Eye Socket.....	19.53	
26 05 29 00-0403	EA		7/8" Rod Size, Malleable Iron Eye Socket.....	20.91	
26 05 29 00-0404			Hex Nuts (26 05 29 00-0373)		
26 05 29 00-0405	EA		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.26
			<i>For Galvanized, Add</i>	0.03	
26 05 29 00-0406	EA		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.90	0.26
			<i>For Galvanized, Add</i>	0.06	
26 05 29 00-0407	EA		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.24	0.26
			<i>For Galvanized, Add</i>	0.14	
26 05 29 00-0408	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.47	0.52
			<i>For Galvanized, Add</i>	0.19	
26 05 29 00-0409	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.17	0.52
			<i>For Galvanized, Add</i>	0.35	
26 05 29 00-0410	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.76	0.52
			<i>For Galvanized, Add</i>	0.47	
26 05 29 00-0411	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.55	0.52
			<i>For Galvanized, Add</i>	0.90	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0412	Forged Steel Turnbuckles <small>(26 05 29 00-0373)</small> Note: Type 13.		
26 05 29 00-0413	EA 3/8" Thread Diameter, Forged Steel Turnbuckle Body	18.75	
26 05 29 00-0414	EA 1/2" Thread Diameter, Forged Steel Turnbuckle Body	22.62	
26 05 29 00-0415	EA 5/8" Thread Diameter, Forged Steel Turnbuckle Body	29.26	
26 05 29 00-0416	EA 3/4" Thread Diameter, Forged Steel Turnbuckle Body	35.70	
26 05 29 00-0417	EA 7/8" Thread Diameter, Forged Steel Turnbuckle Body	79.82	
26 05 29 00-0418	EA 1" Thread Diameter, Forged Steel Turnbuckle Body	56.99	
26 05 29 00-0419	EA 1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	107.99	
26 05 29 00-0420	Attachments <small>(26 05 29 00-0372)</small>		
26 05 29 00-0421	Welded Beam Attachments <small>(26 05 29 00-0420)</small> Note: Type 22.		
26 05 29 00-0422	EA 3/8" Rod Size, Welded Beam Attachment	35.13	10.50
26 05 29 00-0423	EA 1/2" Rod Size, Welded Beam Attachment	37.34	11.02
26 05 29 00-0424	EA 5/8" Rod Size, Welded Beam Attachment	39.67	11.65
26 05 29 00-0425	EA 3/4" Rod Size, Welded Beam Attachment	48.37	12.39
26 05 29 00-0426	EA 7/8" Rod Size, Welded Beam Attachment	56.54	13.12
26 05 29 00-0427	EA 1" Rod Size, Welded Beam Attachment	76.23	15.02
26 05 29 00-0428	EA 1-1/8" Rod Size, Welded Beam Attachment	103.09	15.75
26 05 29 00-0429	C-Clamp Style Beam Clamps <small>(26 05 29 00-0420)</small> Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA 3/8" Rod Size, C-Clamp Style Beam Clamp	14.87	7.88
26 05 29 00-0431	EA 1/2" Rod Size, C-Clamp Style Beam Clamp	17.00	8.41
26 05 29 00-0432	EA 5/8" Rod Size, C-Clamp Style Beam Clamp	18.91	9.01
26 05 29 00-0433	EA 3/4" Rod Size, C-Clamp Style Beam Clamp	22.92	9.70
26 05 29 00-0434	EA 7/8" Rod Size, C-Clamp Style Beam Clamp	30.63	10.51
26 05 29 00-0435	Bottom Mount I-Beam Clamps <small>(26 05 29 00-0420)</small> Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	32.70	10.51
26 05 29 00-0437	EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	45.12	11.47
26 05 29 00-0438	EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	61.68	12.62
26 05 29 00-0439	EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	73.04	14.01
26 05 29 00-0440	EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	163.45	15.77
26 05 29 00-0441	Steel U-Bolts <small>(26 05 29 00-0420)</small> Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA 1/2" Pipe Size, Zinc Plated Steel, U-Bolt	12.03	6.31
26 05 29 00-0443	EA 3/4" Pipe Size, Zinc Plated Steel, U-Bolt	12.90	6.64
26 05 29 00-0444	EA 1" Pipe Size, Zinc Plated Steel, U-Bolt	13.79	7.01
26 05 29 00-0445	EA 1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	15.27	7.42
26 05 29 00-0446	EA 1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	15.93	7.88
26 05 29 00-0447	EA 2" Pipe Size, Zinc Plated Steel, U-Bolt	17.03	8.41
26 05 29 00-0448	EA 2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	22.25	9.01
26 05 29 00-0449	EA 3" Pipe Size, Zinc Plated Steel, U-Bolt	24.35	9.70
26 05 29 00-0450	EA 4" Pipe Size, Zinc Plated Steel, U-Bolt	28.53	10.51
26 05 29 00-0451	Stainless Steel Threaded Rod <small>(26 05 29 00-0372)</small>		
26 05 29 00-0452	LF 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.78	0.52
	For 316 Stainless Steel, Add	0.70	
26 05 29 00-0453	LF 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.10	0.58
	For 316 Stainless Steel, Add	1.19	
26 05 29 00-0454	LF 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.25	0.66
	For 316 Stainless Steel, Add	1.60	
26 05 29 00-0455	LF 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	7.21	0.68
	For 316 Stainless Steel, Add	2.37	
26 05 29 00-0456	LF 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.61	0.70
	For 316 Stainless Steel, Add	2.92	
26 05 29 00-0457	LF 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	12.79	0.71
	For 316 Stainless Steel, Add	4.60	
26 05 29 00-0458	LF 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	17.82	0.72
	For 316 Stainless Steel, Add	6.63	
26 05 29 00-0459	LF 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	24.42	0.74
	For 316 Stainless Steel, Add	9.29	
26 05 29 00-0460	LF 1" Diameter, 304/18-8 Stainless Steel Threaded Rod	31.37	0.87
	For 316 Stainless Steel, Add	11.99	
26 05 29 00-0461	LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	66.11	1.05
	For 316 Stainless Steel, Add	25.89	
26 05 29 00-0462	Polyvinyl Chloride (PVC) Coated Supports <small>(26 05 29)</small> Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463	Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0462)</small>		
26 05 29 00-0464	Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0463)</small>		
26 05 29 00-0465	EA 1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	49.00	21.00

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0466	EA		3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	53.31	22.89
26 05 29 00-0467	EA		1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	57.31	25.19
26 05 29 00-0468	EA		1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	67.48	28.03
26 05 29 00-0469	EA		1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	77.47	31.50
26 05 29 00-0470	EA		2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	90.95	34.64
26 05 29 00-0471	EA		2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	99.41	37.80
26 05 29 00-0472	EA		3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	109.10	40.94
26 05 29 00-0473	EA		3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	115.69	44.10
26 05 29 00-0474	EA		4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	124.82	47.24
26 05 29 00-0475			Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)		
26 05 29 00-0476	EA		1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	51.71	21.00
26 05 29 00-0477	EA		3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	55.15	22.89
26 05 29 00-0478	EA		1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	62.80	25.19
26 05 29 00-0479	EA		1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.43	28.03
26 05 29 00-0480	EA		1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	78.23	31.50
26 05 29 00-0481	EA		2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	89.66	34.64
26 05 29 00-0482	EA		2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	101.86	37.80
26 05 29 00-0483	EA		3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	112.34	40.94
26 05 29 00-0484	EA		3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	119.77	44.10
26 05 29 00-0485	EA		4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	125.36	47.24
26 05 29 00-0486			Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)		
26 05 29 00-0487	EA		1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	49.38	20.79
26 05 29 00-0488	EA		3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	53.30	22.68
26 05 29 00-0489	EA		1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	60.06	25.19
26 05 29 00-0490	EA		1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.42	27.72
26 05 29 00-0491	EA		1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	87.82	31.50
26 05 29 00-0492	EA		2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	96.35	34.64
26 05 29 00-0493			Polyvinyl Chloride (PVC) Coated Conduit Straps (26 05 29 00-0462)		
26 05 29 00-0494			One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)		
26 05 29 00-0495	EA		1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	4.90	0.63
26 05 29 00-0496	EA		3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	5.29	0.63
26 05 29 00-0497	EA		1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.61	0.63
26 05 29 00-0498	EA		1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.17	0.63
26 05 29 00-0499	EA		1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	11.95	0.63
26 05 29 00-0500	EA		2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.77	0.63
26 05 29 00-0501	EA		2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	23.55	0.63
26 05 29 00-0502	EA		3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.42	0.63
26 05 29 00-0503	EA		3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	55.32	0.63
26 05 29 00-0504	EA		4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	58.77	0.63
26 05 29 00-0505			Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)		
26 05 29 00-0506	EA		1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.67	1.26
26 05 29 00-0507	EA		3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.71	1.26
26 05 29 00-0508	EA		1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.95	1.26
26 05 29 00-0509	EA		1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.33	1.26
26 05 29 00-0510	EA		1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.65	1.26
26 05 29 00-0511	EA		2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.41	1.26
26 05 29 00-0512	EA		2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.11	1.26
26 05 29 00-0513	EA		3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.82	1.26
26 05 29 00-0514	EA		3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.91	1.26
26 05 29 00-0515	EA		4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.37	1.26
26 05 29 00-0516			Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0462)		
26 05 29 00-0517			Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0516)		
26 05 29 00-0518	EA		1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	8.84	1.26
26 05 29 00-0519	EA		3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	10.17	1.26
26 05 29 00-0520	EA		1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	12.60	1.26
26 05 29 00-0521	EA		1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	14.62	1.26
26 05 29 00-0522	EA		1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	19.33	1.26
26 05 29 00-0523	EA		2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	38.59	1.26
26 05 29 00-0524	EA		2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	46.42	1.26
26 05 29 00-0525	EA		3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	63.13	1.26
26 05 29 00-0526	EA		3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	109.96	1.26
26 05 29 00-0527	EA		4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	109.96	1.26
26 05 29 00-0528			Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories (26 05 29 00-0462)		
26 05 29 00-0529			Polyvinyl Chloride (PVC) Coated Threaded Rod (26 05 29 00-0528)		
26 05 29 00-0530	LF		3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	6.05	0.84
26 05 29 00-0531	LF		1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	7.41	0.94
26 05 29 00-0532			Attachments (26 05 29 00-0462)		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 29 00-0533	Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts <small>(26 05 29 00-0532)</small>		
26 05 29 00-0534	EA 1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	14.52	6.31
26 05 29 00-0535	EA 3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	15.07	6.62
26 05 29 00-0536	EA 1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	15.88	7.04
26 05 29 00-0537	EA 1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	16.89	7.46
26 05 29 00-0538	EA 1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	17.97	7.88
26 05 29 00-0539	EA 2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	19.93	8.41
26 05 29 00-0540	EA 2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	26.98	9.04
26 05 29 00-0541	EA 3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	28.44	9.67
26 05 29 00-0542	EA 4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	30.42	10.51
26 05 29 00-0543	EA 5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	46.65	11.99
26 05 29 00-0544	EA 6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	57.25	13.87

26 05 29 00-0545	Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps <small>(26 05 29 00-0532)</small>		
26 05 29 00-0546	EA 1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	49.79	20.79
26 05 29 00-0547	EA 5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	56.23	20.79
26 05 29 00-0548	EA 3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	58.88	20.79
26 05 29 00-0549	EA 1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	64.46	22.05
26 05 29 00-0550	EA 1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	75.12	25.19

26 05 29 00-0551	Polyvinyl Chloride (PVC) Coated Pipe Straps <small>(26 05 29 00-0532)</small>		
Note: Includes stainless steel nuts and bolts.			
26 05 29 00-0552	EA 1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	18.86	6.93
26 05 29 00-0553	EA 3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	19.93	7.56
26 05 29 00-0554	EA 1" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	21.69	8.18
26 05 29 00-0555	EA 1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	24.50	9.45
26 05 29 00-0556	EA 1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	28.00	10.71
26 05 29 00-0557	EA 2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	30.94	11.34
26 05 29 00-0558	EA 2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	34.22	12.60
26 05 29 00-0559	EA 3" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	40.32	13.85
26 05 29 00-0560	EA 3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	43.85	14.49
26 05 29 00-0561	EA 4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	46.26	15.75
26 05 29 00-0562	EA 5" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	49.70	17.64

26 05 29 00-0563	Polyvinyl Chloride (PVC) Coated Channel <small>(26 05 29 00-0462)</small>		
26 05 29 00-0564	LF A12, Polyvinyl Chloride (PVC) Coated Channel.....	18.17	3.15
26 05 29 00-0565	LF A12A, Polyvinyl Chloride (PVC) Coated Channel.....	31.78	4.41
26 05 29 00-0566	LF A12P, Polyvinyl Chloride (PVC) Coated Channel.....	19.33	3.15
26 05 29 00-0567	LF C14, Polyvinyl Chloride (PVC) Coated Channel.....	14.61	3.15
26 05 29 00-0568	LF C14P, Polyvinyl Chloride (PVC) Coated Channel.....	15.33	3.15

26 05 29 00-0569	Polymer Concrete Pads <small>(26 05 29)</small>		
Note: Excludes excavation and backfill.			

26 05 29 00-0570	Polymer Concrete, Box Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0571	EA 24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	846.01	100.22
26 05 29 00-0572	EA 25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	872.68	100.22
26 05 29 00-0573	EA 40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	1,117.81	100.22
26 05 29 00-0574	EA 40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	1,158.45	100.22
26 05 29 00-0575	EA 52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,079.98	100.22
26 05 29 00-0576	EA 44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	1,271.91	100.22
26 05 29 00-0577	EA 40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	1,419.08	100.22
26 05 29 00-0578	EA 52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	1,372.94	125.27
26 05 29 00-0579	EA 74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	2,060.58	125.27
26 05 29 00-0580	EA 93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	2,751.62	125.27

26 05 29 00-0581	Polymer Concrete, Telecommunications Equipment Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0582	EA 42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	411.73	54.96
26 05 29 00-0583	EA 48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	484.60	54.96
26 05 29 00-0584	EA 60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	628.05	75.17
26 05 29 00-0585	EA 54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	655.13	75.17
26 05 29 00-0586	EA 57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	930.83	75.17
26 05 29 00-0587	EA 72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	969.15	75.17
26 05 29 00-0588	EA 64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,040.55	75.17
26 05 29 00-0589	EA 72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,040.55	75.17
26 05 29 00-0590	EA 76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,937.55	75.17
26 05 29 00-0591	EA 96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	2,193.49	75.17

26 05 29 00-0592	Polymer Concrete, Electrical Equipment Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0593	EA 24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	257.39	54.96
26 05 29 00-0594	EA 24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	276.12	54.96
26 05 29 00-0595	EA 24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	293.19	54.96
26 05 29 00-0596	EA 24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	349.87	54.96
26 05 29 00-0597	EA 40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	324.57	54.96
26 05 29 00-0598	EA 42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	336.49	54.96
26 05 29 00-0599	EA 48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	367.39	54.96
26 05 29 00-0600	EA 48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	385.42	54.96
26 05 29 00-0601	EA 54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	445.62	54.96

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0602	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	544.79	54.96
26 05 29 00-0603	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	798.01	75.17
26 05 29 00-0604	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	834.25	75.17
26 05 29 00-0605	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	845.69	75.17
26 05 29 00-0606	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	921.88	75.17
26 05 29 00-0607	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,940.99	75.17
26 05 29 00-0608	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	2,282.34	75.17

26 05 33 Raceway And Boxes For Electrical Systems (26 05)**26 05 33 13 Conduit For Electrical Systems** (26 05 33)**26 05 33 13-0001****Conduit Assemblies** (26 05 33 13)

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

26 05 33 13-0002**Electrical Metallic Tubing (EMT) Conduit Assemblies** (26 05 33 13-0001)

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0561 for larger copper conductor, 26 05 33 13-0598 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	751.27	234.37
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	200.92	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	0.97	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	818.55	254.51
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	218.18	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	885.82	274.65
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	235.44	
		<i>For 4 #12 THWN Conductor Instead Of THHN, Add</i>	1.95	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	789.83	244.44
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	209.55	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	871.59	267.93
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	229.69	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	2.19	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	873.94	264.58
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	226.82	
		<i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	2.55	
26 05 33 13-0009	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	830.95	252.68
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	216.57	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	0.97	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	898.22	272.82
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	233.83	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	965.51	292.96
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	251.09	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,032.79	313.10
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	268.36	
		<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	2.44	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	869.50	262.75
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	225.20	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	951.27	286.25
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	245.34	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	2.19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0015	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,033.04 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 265.48 <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i> 2.92		309.74
26 05 33 13-0016	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,114.80 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 285.62 <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i> 3.65		333.24
26 05 33 13-0017	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor 1,065.41 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 268.36 <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i> 3.82		313.10
26 05 33 13-0018	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor 1,177.19 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 294.25 <i>For 4 #8 THWN Conductor Instead Of THHN, Add</i> 5.10		343.31
26 05 33 13-0019	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor 1,055.29 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 259.73 <i>For 2 #6 THWN Conductor Instead Of THHN, Add</i> 4.21		303.04
26 05 33 13-0020	CLF			3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor 1,202.90 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 291.37 <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i> 6.32		339.95
26 05 33 13-0021	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 938.37 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 233.14 <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i> 0.97		271.96
26 05 33 13-0022	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,005.65 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 250.40 <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i> 1.46		292.10
26 05 33 13-0023	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,072.93 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 267.66		312.23
26 05 33 13-0024	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,140.21 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 284.93 <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i> 2.44		332.37
26 05 33 13-0025	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 976.93 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 241.77 <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i> 1.46		282.03
26 05 33 13-0026	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,058.69 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 261.91 <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i> 2.19		305.52
26 05 33 13-0027	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,140.46 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 282.05 <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i> 2.92		329.02
26 05 33 13-0028	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor 1,222.24 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 302.19 <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i> 3.65		352.52
26 05 33 13-0029	CLF			1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor 1,172.83 Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> 284.93 <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i> 3.82		332.37

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 MINOR
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26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,310.33	359.23
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	307.94	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	6.32	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,457.95	396.14
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	339.59	
		<i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	8.43	
26 05 33 13-0032		Rigid Galvanized Steel (RGS) Conduit Assemblies <small>(26 05 33 13-0001)</small>		
		Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0561 for larger copper conductor, 26 05 33 13-0059 for larger RGS conduit.		
26 05 33 13-0033	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	962.90	266.78
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	228.65	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	0.97	
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,030.18	286.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	245.91	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,001.46	276.85
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	237.29	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,083.22	300.35
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	257.42	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	2.19	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,085.57	296.99
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	254.54	
		<i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	2.55	
26 05 33 13-0038	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,053.64	284.53
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	243.84	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	0.97	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,120.93	304.66
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	261.11	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,188.20	324.80
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	278.36	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,092.20	294.59
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	252.47	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,173.96	318.09
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	272.61	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	2.19	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,255.74	341.58
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	292.75	
		<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	2.92	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,288.11	344.94
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	295.63	
		<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	3.82	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,399.90	375.14
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	321.52	
		<i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	5.10	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,278.00	334.87
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	287.00	
		<i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	4.21	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,425.62	371.78
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	318.65	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	6.32	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0048	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor1,337.36	1,337.36	339.76
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	291.23	
				<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1.46	
26 05 33 13-0049	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor .....1,404.65	1,404.65	359.90
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	308.49	
26 05 33 13-0050	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor .....1,471.92	1,471.92	380.03
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	325.75	
				<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	2.44	
26 05 33 13-0051	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor .....1,390.41	1,390.41	353.19
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	302.73	
				<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	2.19	
26 05 33 13-0052	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor .....1,472.18	1,472.18	376.67
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	322.87	
				<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	2.92	
26 05 33 13-0053	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor .....1,553.95	1,553.95	400.17
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	343.01	
				<i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	3.65	
26 05 33 13-0054	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor .....1,504.54	1,504.54	380.03
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	325.75	
				<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	3.82	
26 05 33 13-0055	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor .....1,642.05	1,642.05	406.89
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	348.77	
				<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	6.32	
26 05 33 13-0056	CLF			1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor .....1,789.66	1,789.66	443.81
				Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
				<i>For Work In Restricted Working Space, Add</i>	380.41	
				<i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	8.43	
26 05 33 13-0057				Conduit <small>(26 05 33 13)</small>		
				Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0058				Conduit Installed Above Grade <small>(26 05 33 13-0057)</small>		
				See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.		
26 05 33 13-0059				Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit <small>(26 05 33 13-0058)</small>		
				Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0060				Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <small>(26 05 33 13-0059)</small>		
				Note: Includes field bending for conduit up to 1".		
26 05 33 13-0061	LF			1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....6.91	6.91	2.11
				<i>For Work In Restricted Working Space, Add</i>	1.58	
				<i>For Elevated Installation >10' To 15', Add</i>	0.53	
				<i>For Elevated Installation >15' To 20', Add</i>	1.05	
				<i>For Elevated Installation >20' To 25', Add</i>	1.32	
				<i>For Elevated Installation >25' To 30', Add</i>	1.84	
				<i>For Elevated Installation >30' To 35', Add</i>	2.11	
				<i>For Elevated Installation >35' To 40', Add</i>	2.64	
				<i>For Elevated Installation >40', Add</i>	2.90	
				<i>For >250 To 500, Deduct</i>	-0.08	
				<i>For >500 To 1,000, Deduct</i>	-0.39	
				<i>For >1,000, Deduct</i>	-0.56	
				<i>For Installation In Metal Stud Wall, Add</i>	0.53	
				<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.32	
				<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.79	
26 05 33 13-0062	LF			3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....7.77	7.77	2.30
				<i>For Work In Restricted Working Space, Add</i>	1.73	
				<i>For Elevated Installation >10' To 15', Add</i>	0.58	
				<i>For Elevated Installation >15' To 20', Add</i>	1.15	
				<i>For Elevated Installation >20' To 25', Add</i>	1.44	
				<i>For Elevated Installation >25' To 30', Add</i>	2.01	
				<i>For Elevated Installation >30' To 35', Add</i>	2.30	
				<i>For Elevated Installation >35' To 40', Add</i>	2.88	
				<i>For Elevated Installation >40', Add</i>	3.16	
				<i>For >250 To 500, Deduct</i>	-0.10	
				<i>For >500 To 1,000, Deduct</i>	-0.44	
				<i>For >1,000, Deduct</i>	-0.63	
				<i>For Installation In Metal Stud Wall, Add</i>	0.58	
				<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.44	
				<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.86	

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26 05 33 13-0063	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.84	2.69
		For Work In Restricted Working Space, Add	2.01	
		For Elevated Installation >10' To 15', Add	0.67	
		For Elevated Installation >15' To 20', Add	1.34	
		For Elevated Installation >20' To 25', Add	1.68	
		For Elevated Installation >25' To 30', Add	2.35	
		For Elevated Installation >30' To 35', Add	2.68	
		For Elevated Installation >35' To 40', Add	3.36	
		For Elevated Installation >40', Add	3.69	
		For >250 To 500, Deduct	-0.16	
		For >500 To 1,000, Deduct	-0.57	
		For >1,000, Deduct	-0.82	
		For Installation In Metal Stud Wall, Add	0.67	
		For Installation In Wood Stud Wall (Includes Drilling), Add	1.68	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.01	
26 05 33 13-0064	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	11.85	3.07
		For Work In Restricted Working Space, Add	2.30	
		For Elevated Installation >10' To 15', Add	0.77	
		For Elevated Installation >15' To 20', Add	1.54	
		For Elevated Installation >20' To 25', Add	1.92	
		For Elevated Installation >25' To 30', Add	2.69	
		For Elevated Installation >30' To 35', Add	3.07	
		For Elevated Installation >35' To 40', Add	3.84	
		For Elevated Installation >40', Add	4.22	
		For >250 To 500, Deduct	-0.21	
		For >500 To 1,000, Deduct	-0.70	
		For >1,000, Deduct	-0.99	
		For Installation In Metal Stud Wall, Add	0.77	
		For Installation In Wood Stud Wall (Includes Drilling), Add	1.92	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.15	
26 05 33 13-0065	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	13.74	3.46
		For Work In Restricted Working Space, Add	2.59	
		For Elevated Installation >10' To 15', Add	0.86	
		For Elevated Installation >15' To 20', Add	1.73	
		For Elevated Installation >20' To 25', Add	2.16	
		For Elevated Installation >25' To 30', Add	3.02	
		For Elevated Installation >30' To 35', Add	3.45	
		For Elevated Installation >35' To 40', Add	4.32	
		For Elevated Installation >40', Add	4.75	
		For >250 To 500, Deduct	-0.26	
		For >500 To 1,000, Deduct	-0.81	
		For >1,000, Deduct	-1.16	
		For Installation In Metal Stud Wall, Add	0.86	
		For Installation In Wood Stud Wall (Includes Drilling), Add	2.16	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.29	
26 05 33 13-0066	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	17.38	4.22
		For Work In Restricted Working Space, Add	3.17	
		For Elevated Installation >10' To 15', Add	1.06	
		For Elevated Installation >15' To 20', Add	2.11	
		For Elevated Installation >20' To 25', Add	2.64	
		For Elevated Installation >25' To 30', Add	3.69	
		For Elevated Installation >30' To 35', Add	4.22	
		For Elevated Installation >35' To 40', Add	5.28	
		For Elevated Installation >40', Add	5.80	
		For >250 To 500, Deduct	-0.34	
		For >500 To 1,000, Deduct	-1.04	
		For >1,000, Deduct	-1.47	
		For Installation In Metal Stud Wall, Add	1.06	
		For Installation In Wood Stud Wall (Includes Drilling), Add	2.64	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.58	
26 05 33 13-0067	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	25.71	5.75
		For Work In Restricted Working Space, Add	4.32	
		For Elevated Installation >10' To 15', Add	1.44	
		For Elevated Installation >15' To 20', Add	2.88	
		For Elevated Installation >20' To 25', Add	3.60	
		For Elevated Installation >25' To 30', Add	5.04	
		For Elevated Installation >30' To 35', Add	5.76	
		For Elevated Installation >35' To 40', Add	7.20	
		For Elevated Installation >40', Add	7.91	
		For >250 To 500, Deduct	-0.57	
		For >500 To 1,000, Deduct	-1.57	
		For >1,000, Deduct	-2.21	
		For Installation In Metal Stud Wall, Add	1.44	
		For Installation In Wood Stud Wall (Includes Drilling), Add	3.60	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.16	
26 05 33 13-0068	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	33.59	7.68
		For Work In Restricted Working Space, Add	5.75	
		For Elevated Installation >10' To 15', Add	1.92	
		For Elevated Installation >15' To 20', Add	3.84	
		For Elevated Installation >20' To 25', Add	4.80	
		For Elevated Installation >25' To 30', Add	6.71	
		For Elevated Installation >30' To 35', Add	7.67	
		For Elevated Installation >35' To 40', Add	9.59	
		For Elevated Installation >40', Add	10.55	
		For >250 To 500, Deduct	-0.72	
		For >500 To 1,000, Deduct	-2.04	
		For >1,000, Deduct	-2.88	
		For Installation In Metal Stud Wall, Add	1.92	
		For Installation In Wood Stud Wall (Includes Drilling), Add	4.80	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0069 LF 3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	41.56	9.59
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.80	
For Elevated Installation >20' To 25', Add	6.00	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.19	
For >250 To 500, Deduct	-0.88	
For >500 To 1,000, Deduct	-2.52	
For >1,000, Deduct	-3.56	
For Installation In Metal Stud Wall, Add	2.40	
For Installation In Wood Stud Wall (Includes Drilling), Add	6.00	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.60	
26 05 33 13-0070 LF 4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	49.22	11.50
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
For >250 To 500, Deduct	-1.02	
For >500 To 1,000, Deduct	-2.97	
For >1,000, Deduct	-4.20	
For Installation In Metal Stud Wall, Add	2.88	
For Installation In Wood Stud Wall (Includes Drilling), Add	7.19	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.32	
26 05 33 13-0071 LF 5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	77.90	14.58
For Work In Restricted Working Space, Add	10.93	
For Elevated Installation >10' To 15', Add	3.64	
For Elevated Installation >15' To 20', Add	7.29	
For Elevated Installation >20' To 25', Add	9.11	
For Elevated Installation >25' To 30', Add	12.75	
For Elevated Installation >30' To 35', Add	14.58	
For Elevated Installation >35' To 40', Add	18.22	
For Elevated Installation >40', Add	20.04	
For >250 To 500, Deduct	-2.07	
For >500 To 1,000, Deduct	-4.93	
For >1,000, Deduct	-6.88	
For Installation In Metal Stud Wall, Add	3.64	
For Installation In Wood Stud Wall (Includes Drilling), Add	9.11	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	5.47	
26 05 33 13-0072 LF 6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	104.31	18.41
For Work In Restricted Working Space, Add	13.81	
For Elevated Installation >10' To 15', Add	4.60	
For Elevated Installation >15' To 20', Add	9.21	
For Elevated Installation >20' To 25', Add	11.51	
For Elevated Installation >25' To 30', Add	16.11	
For Elevated Installation >30' To 35', Add	18.41	
For Elevated Installation >35' To 40', Add	23.02	
For Elevated Installation >40', Add	25.32	
For >250 To 500, Deduct	-2.91	
For >500 To 1,000, Deduct	-6.67	
For >1,000, Deduct	-9.28	
For Installation In Metal Stud Wall, Add	4.60	
For Installation In Wood Stud Wall (Includes Drilling), Add	11.51	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	6.90	
26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <small>(26 05 33 13-0059)</small>		
See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0074 EA 1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	27.06	9.49
For Work In Restricted Working Space, Add	7.14	
For Elevated Installation >10' To 15', Add	2.38	
For Elevated Installation >15' To 20', Add	4.76	
For Elevated Installation >20' To 25', Add	5.95	
For Elevated Installation >25' To 30', Add	8.33	
For Elevated Installation >30' To 35', Add	9.52	
For Elevated Installation >35' To 40', Add	11.91	
For Elevated Installation >40', Add	13.10	
26 05 33 13-0075 EA 3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	33.89	11.79
For Work In Restricted Working Space, Add	8.88	
For Elevated Installation >10' To 15', Add	2.96	
For Elevated Installation >15' To 20', Add	5.92	
For Elevated Installation >20' To 25', Add	7.40	
For Elevated Installation >25' To 30', Add	10.36	
For Elevated Installation >30' To 35', Add	11.84	
For Elevated Installation >35' To 40', Add	14.80	
For Elevated Installation >40', Add	16.28	
26 05 33 13-0076 EA 1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	42.70	14.48
For Work In Restricted Working Space, Add	10.83	
For Elevated Installation >10' To 15', Add	3.61	
For Elevated Installation >15' To 20', Add	7.22	
For Elevated Installation >20' To 25', Add	9.03	
For Elevated Installation >25' To 30', Add	12.64	
For Elevated Installation >30' To 35', Add	14.44	
For Elevated Installation >35' To 40', Add	18.05	
For Elevated Installation >40', Add	19.86	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0077	EA 1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	53.21	16.78
	<i>For Work In Restricted Working Space, Add</i>	12.58	
	<i>For Elevated Installation >10' To 15', Add</i>	4.19	
	<i>For Elevated Installation >15' To 20', Add</i>	8.38	
	<i>For Elevated Installation >20' To 25', Add</i>	10.48	
	<i>For Elevated Installation >25' To 30', Add</i>	14.67	
	<i>For Elevated Installation >30' To 35', Add</i>	16.77	
	<i>For Elevated Installation >35' To 40', Add</i>	20.96	
	<i>For Elevated Installation >40', Add</i>	23.06	
26 05 33 13-0078	EA 1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	61.59	19.28
	<i>For Work In Restricted Working Space, Add</i>	14.44	
	<i>For Elevated Installation >10' To 15', Add</i>	4.81	
	<i>For Elevated Installation >15' To 20', Add</i>	9.62	
	<i>For Elevated Installation >20' To 25', Add</i>	12.03	
	<i>For Elevated Installation >25' To 30', Add</i>	16.84	
	<i>For Elevated Installation >30' To 35', Add</i>	19.25	
	<i>For Elevated Installation >35' To 40', Add</i>	24.06	
	<i>For Elevated Installation >40', Add</i>	26.47	
26 05 33 13-0079	EA 2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	71.45	21.19
	<i>For Work In Restricted Working Space, Add</i>	15.88	
	<i>For Elevated Installation >10' To 15', Add</i>	5.29	
	<i>For Elevated Installation >15' To 20', Add</i>	10.59	
	<i>For Elevated Installation >20' To 25', Add</i>	13.23	
	<i>For Elevated Installation >25' To 30', Add</i>	18.53	
	<i>For Elevated Installation >30' To 35', Add</i>	21.17	
	<i>For Elevated Installation >35' To 40', Add</i>	26.47	
	<i>For Elevated Installation >40', Add</i>	29.11	
26 05 33 13-0080	EA 2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	99.15	26.46
	<i>For Work In Restricted Working Space, Add</i>	19.85	
	<i>For Elevated Installation >10' To 15', Add</i>	6.62	
	<i>For Elevated Installation >15' To 20', Add</i>	13.23	
	<i>For Elevated Installation >20' To 25', Add</i>	16.54	
	<i>For Elevated Installation >25' To 30', Add</i>	23.16	
	<i>For Elevated Installation >30' To 35', Add</i>	26.46	
	<i>For Elevated Installation >35' To 40', Add</i>	33.08	
	<i>For Elevated Installation >40', Add</i>	36.39	
26 05 33 13-0081	EA 3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	139.25	36.05
	<i>For Work In Restricted Working Space, Add</i>	27.04	
	<i>For Elevated Installation >10' To 15', Add</i>	9.01	
	<i>For Elevated Installation >15' To 20', Add</i>	18.03	
	<i>For Elevated Installation >20' To 25', Add</i>	22.53	
	<i>For Elevated Installation >25' To 30', Add</i>	31.55	
	<i>For Elevated Installation >30' To 35', Add</i>	36.05	
	<i>For Elevated Installation >35' To 40', Add</i>	45.07	
	<i>For Elevated Installation >40', Add</i>	49.57	
26 05 33 13-0082	EA 3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	178.47	40.66
	<i>For Work In Restricted Working Space, Add</i>	30.50	
	<i>For Elevated Installation >10' To 15', Add</i>	10.17	
	<i>For Elevated Installation >15' To 20', Add</i>	20.33	
	<i>For Elevated Installation >20' To 25', Add</i>	25.42	
	<i>For Elevated Installation >25' To 30', Add</i>	35.58	
	<i>For Elevated Installation >30' To 35', Add</i>	40.67	
	<i>For Elevated Installation >35' To 40', Add</i>	50.84	
	<i>For Elevated Installation >40', Add</i>	55.92	
26 05 33 13-0083	EA 4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	220.81	52.94
	<i>For Work In Restricted Working Space, Add</i>	39.69	
	<i>For Elevated Installation >10' To 15', Add</i>	13.23	
	<i>For Elevated Installation >15' To 20', Add</i>	26.46	
	<i>For Elevated Installation >20' To 25', Add</i>	33.08	
	<i>For Elevated Installation >25' To 30', Add</i>	46.31	
	<i>For Elevated Installation >30' To 35', Add</i>	52.92	
	<i>For Elevated Installation >35' To 40', Add</i>	66.16	
	<i>For Elevated Installation >40', Add</i>	72.77	
26 05 33 13-0084	EA 5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	361.00	86.31
	<i>For Work In Restricted Working Space, Add</i>	64.73	
	<i>For Elevated Installation >10' To 15', Add</i>	21.58	
	<i>For Elevated Installation >15' To 20', Add</i>	43.16	
	<i>For Elevated Installation >20' To 25', Add</i>	53.95	
	<i>For Elevated Installation >25' To 30', Add</i>	75.52	
	<i>For Elevated Installation >30' To 35', Add</i>	86.31	
	<i>For Elevated Installation >35' To 40', Add</i>	107.89	
	<i>For Elevated Installation >40', Add</i>	118.68	
26 05 33 13-0085	EA 6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	542.62	129.65
	<i>For Work In Restricted Working Space, Add</i>	97.23	
	<i>For Elevated Installation >10' To 15', Add</i>	32.41	
	<i>For Elevated Installation >15' To 20', Add</i>	64.82	
	<i>For Elevated Installation >20' To 25', Add</i>	81.03	
	<i>For Elevated Installation >25' To 30', Add</i>	113.44	
	<i>For Elevated Installation >30' To 35', Add</i>	129.64	
	<i>For Elevated Installation >35' To 40', Add</i>	162.06	
	<i>For Elevated Installation >40', Add</i>	178.26	

26 05 33 13-0086 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow (26 05 33 13-0059)
 See CSI section 26 05 33 13-2245 for conduit field bending.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0087	EA			1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 27.06		9.49
				<i>For Work In Restricted Working Space, Add</i>	7.14	
				<i>For Elevated Installation >10' To 15', Add</i>	2.38	
				<i>For Elevated Installation >15' To 20', Add</i>	4.76	
				<i>For Elevated Installation >20' To 25', Add</i>	5.95	
				<i>For Elevated Installation >25' To 30', Add</i>	8.33	
				<i>For Elevated Installation >30' To 35', Add</i>	9.52	
				<i>For Elevated Installation >35' To 40', Add</i>	11.91	
				<i>For Elevated Installation >40', Add</i>	13.10	
26 05 33 13-0088	EA			3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 33.89		11.79
				<i>For Work In Restricted Working Space, Add</i>	8.88	
				<i>For Elevated Installation >10' To 15', Add</i>	2.96	
				<i>For Elevated Installation >15' To 20', Add</i>	5.92	
				<i>For Elevated Installation >20' To 25', Add</i>	7.40	
				<i>For Elevated Installation >25' To 30', Add</i>	10.36	
				<i>For Elevated Installation >30' To 35', Add</i>	11.84	
				<i>For Elevated Installation >35' To 40', Add</i>	14.80	
				<i>For Elevated Installation >40', Add</i>	16.28	
26 05 33 13-0089	EA			1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 42.70		14.48
				<i>For Work In Restricted Working Space, Add</i>	10.83	
				<i>For Elevated Installation >10' To 15', Add</i>	3.61	
				<i>For Elevated Installation >15' To 20', Add</i>	7.22	
				<i>For Elevated Installation >20' To 25', Add</i>	9.03	
				<i>For Elevated Installation >25' To 30', Add</i>	12.64	
				<i>For Elevated Installation >30' To 35', Add</i>	14.44	
				<i>For Elevated Installation >35' To 40', Add</i>	18.05	
				<i>For Elevated Installation >40', Add</i>	19.86	
26 05 33 13-0090	EA			1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 53.21		16.78
				<i>For Work In Restricted Working Space, Add</i>	12.58	
				<i>For Elevated Installation >10' To 15', Add</i>	4.19	
				<i>For Elevated Installation >15' To 20', Add</i>	8.38	
				<i>For Elevated Installation >20' To 25', Add</i>	10.48	
				<i>For Elevated Installation >25' To 30', Add</i>	14.67	
				<i>For Elevated Installation >30' To 35', Add</i>	16.77	
				<i>For Elevated Installation >35' To 40', Add</i>	20.96	
				<i>For Elevated Installation >40', Add</i>	23.06	
26 05 33 13-0091	EA			1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 61.59		19.28
				<i>For Work In Restricted Working Space, Add</i>	14.44	
				<i>For Elevated Installation >10' To 15', Add</i>	4.81	
				<i>For Elevated Installation >15' To 20', Add</i>	9.62	
				<i>For Elevated Installation >20' To 25', Add</i>	12.03	
				<i>For Elevated Installation >25' To 30', Add</i>	16.84	
				<i>For Elevated Installation >30' To 35', Add</i>	19.25	
				<i>For Elevated Installation >35' To 40', Add</i>	24.06	
				<i>For Elevated Installation >40', Add</i>	26.47	
26 05 33 13-0092	EA			2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 71.45		21.19
				<i>For Work In Restricted Working Space, Add</i>	15.88	
				<i>For Elevated Installation >10' To 15', Add</i>	5.29	
				<i>For Elevated Installation >15' To 20', Add</i>	10.59	
				<i>For Elevated Installation >20' To 25', Add</i>	13.23	
				<i>For Elevated Installation >25' To 30', Add</i>	18.53	
				<i>For Elevated Installation >30' To 35', Add</i>	21.17	
				<i>For Elevated Installation >35' To 40', Add</i>	26.47	
				<i>For Elevated Installation >40', Add</i>	29.11	
26 05 33 13-0093	EA			2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 97.82		26.46
				<i>For Work In Restricted Working Space, Add</i>	19.85	
				<i>For Elevated Installation >10' To 15', Add</i>	6.62	
				<i>For Elevated Installation >15' To 20', Add</i>	13.23	
				<i>For Elevated Installation >20' To 25', Add</i>	16.54	
				<i>For Elevated Installation >25' To 30', Add</i>	23.16	
				<i>For Elevated Installation >30' To 35', Add</i>	26.46	
				<i>For Elevated Installation >35' To 40', Add</i>	33.08	
				<i>For Elevated Installation >40', Add</i>	36.39	
26 05 33 13-0094	EA			3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 134.04		36.05
				<i>For Work In Restricted Working Space, Add</i>	27.04	
				<i>For Elevated Installation >10' To 15', Add</i>	9.01	
				<i>For Elevated Installation >15' To 20', Add</i>	18.03	
				<i>For Elevated Installation >20' To 25', Add</i>	22.53	
				<i>For Elevated Installation >25' To 30', Add</i>	31.55	
				<i>For Elevated Installation >30' To 35', Add</i>	36.05	
				<i>For Elevated Installation >35' To 40', Add</i>	45.07	
				<i>For Elevated Installation >40', Add</i>	49.57	
26 05 33 13-0095	EA			3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 171.13		40.66
				<i>For Work In Restricted Working Space, Add</i>	30.50	
				<i>For Elevated Installation >10' To 15', Add</i>	10.17	
				<i>For Elevated Installation >15' To 20', Add</i>	20.33	
				<i>For Elevated Installation >20' To 25', Add</i>	25.42	
				<i>For Elevated Installation >25' To 30', Add</i>	35.58	
				<i>For Elevated Installation >30' To 35', Add</i>	40.67	
				<i>For Elevated Installation >35' To 40', Add</i>	50.84	
				<i>For Elevated Installation >40', Add</i>	55.92	
26 05 33 13-0096	EA			4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow 211.05		52.94
				<i>For Work In Restricted Working Space, Add</i>	39.69	
				<i>For Elevated Installation >10' To 15', Add</i>	13.23	
				<i>For Elevated Installation >15' To 20', Add</i>	26.46	
				<i>For Elevated Installation >20' To 25', Add</i>	33.08	
				<i>For Elevated Installation >25' To 30', Add</i>	46.31	
				<i>For Elevated Installation >30' To 35', Add</i>	52.92	
				<i>For Elevated Installation >35' To 40', Add</i>	66.16	
				<i>For Elevated Installation >40', Add</i>	72.77	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0097	EA 5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	361.00	86.31
	<i>For Work In Restricted Working Space, Add</i>	64.73	
	<i>For Elevated Installation >10' To 15', Add</i>	21.58	
	<i>For Elevated Installation >15' To 20', Add</i>	43.16	
	<i>For Elevated Installation >20' To 25', Add</i>	53.95	
	<i>For Elevated Installation >25' To 30', Add</i>	75.52	
	<i>For Elevated Installation >30' To 35', Add</i>	86.31	
	<i>For Elevated Installation >35' To 40', Add</i>	107.89	
	<i>For Elevated Installation >40', Add</i>	118.68	
26 05 33 13-0098	EA 6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	542.62	129.65
	<i>For Work In Restricted Working Space, Add</i>	97.23	
	<i>For Elevated Installation >10' To 15', Add</i>	32.41	
	<i>For Elevated Installation >15' To 20', Add</i>	64.82	
	<i>For Elevated Installation >20' To 25', Add</i>	81.03	
	<i>For Elevated Installation >25' To 30', Add</i>	113.44	
	<i>For Elevated Installation >30' To 35', Add</i>	129.64	
	<i>For Elevated Installation >35' To 40', Add</i>	162.06	
	<i>For Elevated Installation >40', Add</i>	178.26	
26 05 33 13-0099	Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
	See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0100	EA 1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	63.11	23.69
	<i>For Work In Restricted Working Space, Add</i>	14.21	
	<i>For Elevated Installation >10' To 15', Add</i>	4.74	
	<i>For Elevated Installation >15' To 20', Add</i>	9.48	
	<i>For Elevated Installation >20' To 25', Add</i>	11.85	
	<i>For Elevated Installation >25' To 30', Add</i>	16.58	
	<i>For Elevated Installation >30' To 35', Add</i>	18.95	
	<i>For Elevated Installation >35' To 40', Add</i>	23.69	
	<i>For Elevated Installation >40', Add</i>	26.06	
26 05 33 13-0101	EA 1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	72.80	27.43
	<i>For Work In Restricted Working Space, Add</i>	16.46	
	<i>For Elevated Installation >10' To 15', Add</i>	5.49	
	<i>For Elevated Installation >15' To 20', Add</i>	10.97	
	<i>For Elevated Installation >20' To 25', Add</i>	13.71	
	<i>For Elevated Installation >25' To 30', Add</i>	19.20	
	<i>For Elevated Installation >30' To 35', Add</i>	21.94	
	<i>For Elevated Installation >35' To 40', Add</i>	27.43	
	<i>For Elevated Installation >40', Add</i>	30.17	
26 05 33 13-0102	EA 1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	83.84	31.16
	<i>For Work In Restricted Working Space, Add</i>	18.70	
	<i>For Elevated Installation >10' To 15', Add</i>	6.23	
	<i>For Elevated Installation >15' To 20', Add</i>	12.47	
	<i>For Elevated Installation >20' To 25', Add</i>	15.59	
	<i>For Elevated Installation >25' To 30', Add</i>	21.82	
	<i>For Elevated Installation >30' To 35', Add</i>	24.94	
	<i>For Elevated Installation >35' To 40', Add</i>	31.17	
	<i>For Elevated Installation >40', Add</i>	34.29	
26 05 33 13-0103	EA 2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	93.91	34.28
	<i>For Work In Restricted Working Space, Add</i>	20.57	
	<i>For Elevated Installation >10' To 15', Add</i>	6.86	
	<i>For Elevated Installation >15' To 20', Add</i>	13.71	
	<i>For Elevated Installation >20' To 25', Add</i>	17.14	
	<i>For Elevated Installation >25' To 30', Add</i>	24.00	
	<i>For Elevated Installation >30' To 35', Add</i>	27.43	
	<i>For Elevated Installation >35' To 40', Add</i>	34.29	
	<i>For Elevated Installation >40', Add</i>	37.71	
26 05 33 13-0104	Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
	See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0105	EA 1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	67.19	23.69
	<i>For Work In Restricted Working Space, Add</i>	14.21	
	<i>For Elevated Installation >10' To 15', Add</i>	4.74	
	<i>For Elevated Installation >15' To 20', Add</i>	9.48	
	<i>For Elevated Installation >20' To 25', Add</i>	11.85	
	<i>For Elevated Installation >25' To 30', Add</i>	16.58	
	<i>For Elevated Installation >30' To 35', Add</i>	18.95	
	<i>For Elevated Installation >35' To 40', Add</i>	23.69	
	<i>For Elevated Installation >40', Add</i>	26.06	
26 05 33 13-0106	EA 1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	78.04	27.43
	<i>For Work In Restricted Working Space, Add</i>	16.46	
	<i>For Elevated Installation >10' To 15', Add</i>	5.49	
	<i>For Elevated Installation >15' To 20', Add</i>	10.97	
	<i>For Elevated Installation >20' To 25', Add</i>	13.71	
	<i>For Elevated Installation >25' To 30', Add</i>	19.20	
	<i>For Elevated Installation >30' To 35', Add</i>	21.94	
	<i>For Elevated Installation >35' To 40', Add</i>	27.43	
	<i>For Elevated Installation >40', Add</i>	30.17	
26 05 33 13-0107	EA 1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	86.23	31.16
	<i>For Work In Restricted Working Space, Add</i>	18.70	
	<i>For Elevated Installation >10' To 15', Add</i>	6.23	
	<i>For Elevated Installation >15' To 20', Add</i>	12.47	
	<i>For Elevated Installation >20' To 25', Add</i>	15.59	
	<i>For Elevated Installation >25' To 30', Add</i>	21.82	
	<i>For Elevated Installation >30' To 35', Add</i>	24.94	
	<i>For Elevated Installation >35' To 40', Add</i>	31.17	
	<i>For Elevated Installation >40', Add</i>	34.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0108 EA 2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	96.58	34.28
For Work In Restricted Working Space, Add	20.57	
For Elevated Installation >10' To 15', Add	6.86	
For Elevated Installation >15' To 20', Add	13.71	
For Elevated Installation >20' To 25', Add	17.14	
For Elevated Installation >25' To 30', Add	24.00	
For Elevated Installation >30' To 35', Add	27.43	
For Elevated Installation >35' To 40', Add	34.29	
For Elevated Installation >40', Add	37.71	
26 05 33 13-0109 EA 2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	126.65	43.01
For Work In Restricted Working Space, Add	25.80	
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
26 05 33 13-0110 EA 3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	170.94	58.59
For Work In Restricted Working Space, Add	35.16	
For Elevated Installation >10' To 15', Add	11.72	
For Elevated Installation >15' To 20', Add	23.44	
For Elevated Installation >20' To 25', Add	29.30	
For Elevated Installation >25' To 30', Add	41.02	
For Elevated Installation >30' To 35', Add	46.88	
For Elevated Installation >35' To 40', Add	58.60	
For Elevated Installation >40', Add	64.45	
26 05 33 13-0111 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0112 EA 1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	67.38	23.69
For Work In Restricted Working Space, Add	14.21	
For Elevated Installation >10' To 15', Add	4.74	
For Elevated Installation >15' To 20', Add	9.48	
For Elevated Installation >20' To 25', Add	11.85	
For Elevated Installation >25' To 30', Add	16.58	
For Elevated Installation >30' To 35', Add	18.95	
For Elevated Installation >35' To 40', Add	23.69	
For Elevated Installation >40', Add	26.06	
26 05 33 13-0113 EA 1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	77.53	27.43
For Work In Restricted Working Space, Add	16.46	
For Elevated Installation >10' To 15', Add	5.49	
For Elevated Installation >15' To 20', Add	10.97	
For Elevated Installation >20' To 25', Add	13.71	
For Elevated Installation >25' To 30', Add	19.20	
For Elevated Installation >30' To 35', Add	21.94	
For Elevated Installation >35' To 40', Add	27.43	
For Elevated Installation >40', Add	30.17	
26 05 33 13-0114 EA 1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	88.81	31.16
For Work In Restricted Working Space, Add	18.70	
For Elevated Installation >10' To 15', Add	6.23	
For Elevated Installation >15' To 20', Add	12.47	
For Elevated Installation >20' To 25', Add	15.59	
For Elevated Installation >25' To 30', Add	21.82	
For Elevated Installation >30' To 35', Add	24.94	
For Elevated Installation >35' To 40', Add	31.17	
For Elevated Installation >40', Add	34.29	
26 05 33 13-0115 EA 2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	102.35	34.28
For Work In Restricted Working Space, Add	20.57	
For Elevated Installation >10' To 15', Add	6.86	
For Elevated Installation >15' To 20', Add	13.71	
For Elevated Installation >20' To 25', Add	17.14	
For Elevated Installation >25' To 30', Add	24.00	
For Elevated Installation >30' To 35', Add	27.43	
For Elevated Installation >35' To 40', Add	34.29	
For Elevated Installation >40', Add	37.71	
26 05 33 13-0116 EA 2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	132.04	43.01
For Work In Restricted Working Space, Add	25.80	
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
26 05 33 13-0117 EA 3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	175.29	58.59
For Work In Restricted Working Space, Add	35.16	
For Elevated Installation >10' To 15', Add	11.72	
For Elevated Installation >15' To 20', Add	23.44	
For Elevated Installation >20' To 25', Add	29.30	
For Elevated Installation >25' To 30', Add	41.02	
For Elevated Installation >30' To 35', Add	46.88	
For Elevated Installation >35' To 40', Add	58.60	
For Elevated Installation >40', Add	64.45	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0118	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	214.27	66.07
		<i>For Work In Restricted Working Space, Add</i>	39.65	
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	
26 05 33 13-0119	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	263.80	86.01
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
26 05 33 13-0120		Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
		See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0121	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	73.88	23.69
		<i>For Work In Restricted Working Space, Add</i>	14.21	
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
26 05 33 13-0122	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	83.91	27.43
		<i>For Work In Restricted Working Space, Add</i>	16.46	
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
26 05 33 13-0123	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	93.59	31.16
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
26 05 33 13-0124	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	109.40	34.28
		<i>For Work In Restricted Working Space, Add</i>	20.57	
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
26 05 33 13-0125	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	141.65	43.01
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
26 05 33 13-0126	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	190.35	58.59
		<i>For Work In Restricted Working Space, Add</i>	35.16	
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
26 05 33 13-0127	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	228.91	66.07
		<i>For Work In Restricted Working Space, Add</i>	39.65	
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0128	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	275.47	86.01
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	

26 05 33 13-0129 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow (26 05 33 13-0059)
 See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0130	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	73.49	23.69
		<i>For Work In Restricted Working Space, Add</i>	14.21	
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
26 05 33 13-0131	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	88.65	27.43
		<i>For Work In Restricted Working Space, Add</i>	16.46	
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
26 05 33 13-0132	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	98.73	31.16
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
26 05 33 13-0133	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	116.11	34.28
		<i>For Work In Restricted Working Space, Add</i>	20.57	
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
26 05 33 13-0134	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	150.86	43.01
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
26 05 33 13-0135	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	202.24	58.59
		<i>For Work In Restricted Working Space, Add</i>	35.16	
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
26 05 33 13-0136	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	243.39	66.07
		<i>For Work In Restricted Working Space, Add</i>	39.65	
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	
26 05 33 13-0137	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	296.90	86.01
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0138	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	440.87	140.24
		<i>For Work In Restricted Working Space, Add</i>	84.15	
		<i>For Elevated Installation >10' To 15', Add</i>	28.05	
		<i>For Elevated Installation >15' To 20', Add</i>	56.10	
		<i>For Elevated Installation >20' To 25', Add</i>	70.13	
		<i>For Elevated Installation >25' To 30', Add</i>	98.18	
		<i>For Elevated Installation >30' To 35', Add</i>	112.20	
		<i>For Elevated Installation >35' To 40', Add</i>	140.25	
		<i>For Elevated Installation >40', Add</i>	154.28	

26 05 33 13-0139 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow (26 05 33 13-0059)
 See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0140	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	76.96	23.69
		<i>For Work In Restricted Working Space, Add</i>	14.21	
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
26 05 33 13-0141	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	90.99	27.43
		<i>For Work In Restricted Working Space, Add</i>	16.46	
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
26 05 33 13-0142	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	107.73	31.16
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
26 05 33 13-0143	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	121.35	34.28
		<i>For Work In Restricted Working Space, Add</i>	20.57	
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
26 05 33 13-0144	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	161.79	43.01
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
26 05 33 13-0145	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	212.41	58.59
		<i>For Work In Restricted Working Space, Add</i>	35.16	
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
26 05 33 13-0146	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	262.08	66.07
		<i>For Work In Restricted Working Space, Add</i>	39.65	
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	
26 05 33 13-0147	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	306.98	86.01
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0148	EA 5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	523.11	140.24
	For Work In Restricted Working Space, Add	84.15	
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
26 05 33 13-0149	EA 6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	687.91	210.69
	For Work In Restricted Working Space, Add	126.41	
	For Elevated Installation >10' To 15', Add	42.14	
	For Elevated Installation >15' To 20', Add	84.27	
	For Elevated Installation >20' To 25', Add	105.34	
	For Elevated Installation >25' To 30', Add	147.48	
	For Elevated Installation >30' To 35', Add	168.55	
	For Elevated Installation >35' To 40', Add	210.69	
	For Elevated Installation >40', Add	231.75	
26 05 33 13-0150	Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <small>(26 05 33 13-0059)</small>		
	See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0151	EA 1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	82.05	23.69
	For Work In Restricted Working Space, Add	14.21	
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
26 05 33 13-0152	EA 1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	97.20	27.43
	For Work In Restricted Working Space, Add	16.46	
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
26 05 33 13-0153	EA 1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	114.34	31.16
	For Work In Restricted Working Space, Add	18.70	
	For Elevated Installation >10' To 15', Add	6.23	
	For Elevated Installation >15' To 20', Add	12.47	
	For Elevated Installation >20' To 25', Add	15.59	
	For Elevated Installation >25' To 30', Add	21.82	
	For Elevated Installation >30' To 35', Add	24.94	
	For Elevated Installation >35' To 40', Add	31.17	
	For Elevated Installation >40', Add	34.29	
26 05 33 13-0154	EA 2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	128.26	34.28
	For Work In Restricted Working Space, Add	20.57	
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
26 05 33 13-0155	EA 2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	170.16	43.01
	For Work In Restricted Working Space, Add	25.81	
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.51	
	For Elevated Installation >25' To 30', Add	30.11	
	For Elevated Installation >30' To 35', Add	34.41	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
26 05 33 13-0156	EA 3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	227.32	58.59
	For Work In Restricted Working Space, Add	35.16	
	For Elevated Installation >10' To 15', Add	11.72	
	For Elevated Installation >15' To 20', Add	23.44	
	For Elevated Installation >20' To 25', Add	29.30	
	For Elevated Installation >25' To 30', Add	41.02	
	For Elevated Installation >30' To 35', Add	46.88	
	For Elevated Installation >35' To 40', Add	58.60	
	For Elevated Installation >40', Add	64.45	
26 05 33 13-0157	EA 3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	277.03	66.07
	For Work In Restricted Working Space, Add	39.65	
	For Elevated Installation >10' To 15', Add	13.22	
	For Elevated Installation >15' To 20', Add	26.43	
	For Elevated Installation >20' To 25', Add	33.04	
	For Elevated Installation >25' To 30', Add	46.25	
	For Elevated Installation >30' To 35', Add	52.86	
	For Elevated Installation >35' To 40', Add	66.08	
	For Elevated Installation >40', Add	72.68	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0158	EA 4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	349.99	86.01
	For Work In Restricted Working Space, Add	51.61	
	For Elevated Installation >10' To 15', Add	17.20	
	For Elevated Installation >15' To 20', Add	34.41	
	For Elevated Installation >20' To 25', Add	43.01	
	For Elevated Installation >25' To 30', Add	60.21	
	For Elevated Installation >30' To 35', Add	68.82	
	For Elevated Installation >35' To 40', Add	86.02	
	For Elevated Installation >40', Add	94.62	
26 05 33 13-0159	EA 5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	582.44	140.24
	For Work In Restricted Working Space, Add	84.15	
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
26 05 33 13-0160	EA 6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	739.29	210.69
	For Work In Restricted Working Space, Add	126.41	
	For Elevated Installation >10' To 15', Add	42.14	
	For Elevated Installation >15' To 20', Add	84.27	
	For Elevated Installation >20' To 25', Add	105.34	
	For Elevated Installation >25' To 30', Add	147.48	
	For Elevated Installation >30' To 35', Add	168.55	
	For Elevated Installation >35' To 40', Add	210.69	
	For Elevated Installation >40', Add	231.75	
26 05 33 13-0161	Rigid Galvanized Steel (RGS) 48" Large Radius Elbow (26 05 33 13-0059)		
	See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0162	EA 1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	86.28	23.69
	For Work In Restricted Working Space, Add	14.21	
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
26 05 33 13-0163	EA 1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	101.99	27.43
	For Work In Restricted Working Space, Add	16.46	
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
26 05 33 13-0164	EA 1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	118.51	31.16
	For Work In Restricted Working Space, Add	18.70	
	For Elevated Installation >10' To 15', Add	6.23	
	For Elevated Installation >15' To 20', Add	12.47	
	For Elevated Installation >20' To 25', Add	15.59	
	For Elevated Installation >25' To 30', Add	21.82	
	For Elevated Installation >30' To 35', Add	24.94	
	For Elevated Installation >35' To 40', Add	31.17	
	For Elevated Installation >40', Add	34.29	
26 05 33 13-0165	EA 2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	141.16	34.28
	For Work In Restricted Working Space, Add	20.57	
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
26 05 33 13-0166	EA 2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	185.58	43.01
	For Work In Restricted Working Space, Add	25.81	
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.51	
	For Elevated Installation >25' To 30', Add	30.11	
	For Elevated Installation >30' To 35', Add	34.41	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
26 05 33 13-0167	EA 3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	242.33	58.59
	For Work In Restricted Working Space, Add	35.16	
	For Elevated Installation >10' To 15', Add	11.72	
	For Elevated Installation >15' To 20', Add	23.44	
	For Elevated Installation >20' To 25', Add	29.30	
	For Elevated Installation >25' To 30', Add	41.02	
	For Elevated Installation >30' To 35', Add	46.88	
	For Elevated Installation >35' To 40', Add	58.60	
	For Elevated Installation >40', Add	64.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0168 EA 3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	295.82	66.07
For Work In Restricted Working Space, Add	39.65	
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
26 05 33 13-0169 EA 4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	372.81	86.01
For Work In Restricted Working Space, Add	51.61	
For Elevated Installation >10' To 15', Add	17.20	
For Elevated Installation >15' To 20', Add	34.41	
For Elevated Installation >20' To 25', Add	43.01	
For Elevated Installation >25' To 30', Add	60.21	
For Elevated Installation >30' To 35', Add	68.82	
For Elevated Installation >35' To 40', Add	86.02	
For Elevated Installation >40', Add	94.62	
26 05 33 13-0170 EA 5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	601.02	140.24
For Work In Restricted Working Space, Add	84.15	
For Elevated Installation >10' To 15', Add	28.05	
For Elevated Installation >15' To 20', Add	56.10	
For Elevated Installation >20' To 25', Add	70.13	
For Elevated Installation >25' To 30', Add	98.18	
For Elevated Installation >30' To 35', Add	112.20	
For Elevated Installation >35' To 40', Add	140.25	
For Elevated Installation >40', Add	154.28	
26 05 33 13-0171 EA 6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	749.68	210.69
For Work In Restricted Working Space, Add	126.41	
For Elevated Installation >10' To 15', Add	42.14	
For Elevated Installation >15' To 20', Add	84.27	
For Elevated Installation >20' To 25', Add	105.34	
For Elevated Installation >25' To 30', Add	147.48	
For Elevated Installation >30' To 35', Add	168.55	
For Elevated Installation >35' To 40', Add	210.69	
For Elevated Installation >40', Add	231.75	
26 05 33 13-0172 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing (26 05 33 13-0059)		
26 05 33 13-0173 EA 1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	12.45	6.11
For Work In Restricted Working Space, Add	3.67	
For Elevated Installation >10' To 15', Add	1.22	
For Elevated Installation >15' To 20', Add	2.44	
For Elevated Installation >20' To 25', Add	3.06	
For Elevated Installation >25' To 30', Add	4.28	
For Elevated Installation >30' To 35', Add	4.89	
For Elevated Installation >35' To 40', Add	6.11	
For Elevated Installation >40', Add	6.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.67	
26 05 33 13-0174 EA 3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.35	6.52
For Work In Restricted Working Space, Add	3.92	
For Elevated Installation >10' To 15', Add	1.31	
For Elevated Installation >15' To 20', Add	2.61	
For Elevated Installation >20' To 25', Add	3.26	
For Elevated Installation >25' To 30', Add	4.57	
For Elevated Installation >30' To 35', Add	5.22	
For Elevated Installation >35' To 40', Add	6.53	
For Elevated Installation >40', Add	7.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.92	
26 05 33 13-0175 EA 1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	15.13	7.33
For Work In Restricted Working Space, Add	4.40	
For Elevated Installation >10' To 15', Add	1.47	
For Elevated Installation >15' To 20', Add	2.93	
For Elevated Installation >20' To 25', Add	3.67	
For Elevated Installation >25' To 30', Add	5.13	
For Elevated Installation >30' To 35', Add	5.87	
For Elevated Installation >35' To 40', Add	7.34	
For Elevated Installation >40', Add	8.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.40	
26 05 33 13-0176 EA 1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.97	8.15
For Work In Restricted Working Space, Add	4.89	
For Elevated Installation >10' To 15', Add	1.63	
For Elevated Installation >15' To 20', Add	3.26	
For Elevated Installation >20' To 25', Add	4.08	
For Elevated Installation >25' To 30', Add	5.71	
For Elevated Installation >30' To 35', Add	6.52	
For Elevated Installation >35' To 40', Add	8.15	
For Elevated Installation >40', Add	8.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.89	
26 05 33 13-0177 EA 1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	21.29	10.19
For Work In Restricted Working Space, Add	6.11	
For Elevated Installation >10' To 15', Add	2.04	
For Elevated Installation >15' To 20', Add	4.08	
For Elevated Installation >20' To 25', Add	5.10	
For Elevated Installation >25' To 30', Add	7.13	
For Elevated Installation >30' To 35', Add	8.15	
For Elevated Installation >35' To 40', Add	10.19	
For Elevated Installation >40', Add	11.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.11	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0178	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	26.14	12.22
		<i>For Work In Restricted Working Space, Add</i>	7.34	
		<i>For Elevated Installation >10' To 15', Add</i>	2.45	
		<i>For Elevated Installation >15' To 20', Add</i>	4.89	
		<i>For Elevated Installation >20' To 25', Add</i>	6.11	
		<i>For Elevated Installation >25' To 30', Add</i>	8.56	
		<i>For Elevated Installation >30' To 35', Add</i>	9.78	
		<i>For Elevated Installation >35' To 40', Add</i>	12.23	
		<i>For Elevated Installation >40', Add</i>	13.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.34	
26 05 33 13-0179	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	32.26	14.27
		<i>For Work In Restricted Working Space, Add</i>	8.56	
		<i>For Elevated Installation >10' To 15', Add</i>	2.85	
		<i>For Elevated Installation >15' To 20', Add</i>	5.71	
		<i>For Elevated Installation >20' To 25', Add</i>	7.13	
		<i>For Elevated Installation >25' To 30', Add</i>	9.99	
		<i>For Elevated Installation >30' To 35', Add</i>	11.41	
		<i>For Elevated Installation >35' To 40', Add</i>	14.27	
		<i>For Elevated Installation >40', Add</i>	15.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.56	
26 05 33 13-0180	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	36.54	16.30
		<i>For Work In Restricted Working Space, Add</i>	9.78	
		<i>For Elevated Installation >10' To 15', Add</i>	3.26	
		<i>For Elevated Installation >15' To 20', Add</i>	6.52	
		<i>For Elevated Installation >20' To 25', Add</i>	8.15	
		<i>For Elevated Installation >25' To 30', Add</i>	11.41	
		<i>For Elevated Installation >30' To 35', Add</i>	13.04	
		<i>For Elevated Installation >35' To 40', Add</i>	16.31	
		<i>For Elevated Installation >40', Add</i>	17.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 05 33 13-0181	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	42.14	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.00	
		<i>For Elevated Installation >10' To 15', Add</i>	3.67	
		<i>For Elevated Installation >15' To 20', Add</i>	7.34	
		<i>For Elevated Installation >20' To 25', Add</i>	9.17	
		<i>For Elevated Installation >25' To 30', Add</i>	12.84	
		<i>For Elevated Installation >30' To 35', Add</i>	14.67	
		<i>For Elevated Installation >35' To 40', Add</i>	18.34	
		<i>For Elevated Installation >40', Add</i>	20.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.00	
26 05 33 13-0182	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	46.76	20.38
		<i>For Work In Restricted Working Space, Add</i>	12.23	
		<i>For Elevated Installation >10' To 15', Add</i>	4.08	
		<i>For Elevated Installation >15' To 20', Add</i>	8.15	
		<i>For Elevated Installation >20' To 25', Add</i>	10.19	
		<i>For Elevated Installation >25' To 30', Add</i>	14.26	
		<i>For Elevated Installation >30' To 35', Add</i>	16.30	
		<i>For Elevated Installation >35' To 40', Add</i>	20.38	
		<i>For Elevated Installation >40', Add</i>	22.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.23	
26 05 33 13-0183	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	55.08	22.42
		<i>For Work In Restricted Working Space, Add</i>	13.45	
		<i>For Elevated Installation >10' To 15', Add</i>	4.48	
		<i>For Elevated Installation >15' To 20', Add</i>	8.97	
		<i>For Elevated Installation >20' To 25', Add</i>	11.21	
		<i>For Elevated Installation >25' To 30', Add</i>	15.69	
		<i>For Elevated Installation >30' To 35', Add</i>	17.93	
		<i>For Elevated Installation >35' To 40', Add</i>	22.42	
		<i>For Elevated Installation >40', Add</i>	24.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.45	
26 05 33 13-0184	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	74.87	24.45
		<i>For Work In Restricted Working Space, Add</i>	14.67	
		<i>For Elevated Installation >10' To 15', Add</i>	4.89	
		<i>For Elevated Installation >15' To 20', Add</i>	9.78	
		<i>For Elevated Installation >20' To 25', Add</i>	12.23	
		<i>For Elevated Installation >25' To 30', Add</i>	17.12	
		<i>For Elevated Installation >30' To 35', Add</i>	19.56	
		<i>For Elevated Installation >35' To 40', Add</i>	24.46	
		<i>For Elevated Installation >40', Add</i>	26.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	

26 05 33 13-0185 Rigid Galvanized Steel (RGS) Steel Bushing (26 05 33 13-0059)

26 05 33 13-0186	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	14.96	7.19
		<i>For Work In Restricted Working Space, Add</i>	4.32	
		<i>For Elevated Installation >10' To 15', Add</i>	1.44	
		<i>For Elevated Installation >15' To 20', Add</i>	2.88	
		<i>For Elevated Installation >20' To 25', Add</i>	3.60	
		<i>For Elevated Installation >25' To 30', Add</i>	5.04	
		<i>For Elevated Installation >30' To 35', Add</i>	5.76	
		<i>For Elevated Installation >35' To 40', Add</i>	7.20	
		<i>For Elevated Installation >40', Add</i>	7.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0187 EA 3/4" Rigid Galvanized Steel (RGS) Steel Bushing	16.17	7.68
For Work In Restricted Working Space, Add	4.60	
For Elevated Installation >10' To 15', Add	1.53	
For Elevated Installation >15' To 20', Add	3.07	
For Elevated Installation >20' To 25', Add	3.84	
For Elevated Installation >25' To 30', Add	5.37	
For Elevated Installation >30' To 35', Add	6.14	
For Elevated Installation >35' To 40', Add	7.67	
For Elevated Installation >40', Add	8.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-0188 EA 1" Rigid Galvanized Steel (RGS) Steel Bushing	18.72	8.63
For Work In Restricted Working Space, Add	5.18	
For Elevated Installation >10' To 15', Add	1.73	
For Elevated Installation >15' To 20', Add	3.45	
For Elevated Installation >20' To 25', Add	4.32	
For Elevated Installation >25' To 30', Add	6.04	
For Elevated Installation >30' To 35', Add	6.91	
For Elevated Installation >35' To 40', Add	8.64	
For Elevated Installation >40', Add	9.50	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-0189 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	20.96	9.59
For Work In Restricted Working Space, Add	5.75	
For Elevated Installation >10' To 15', Add	1.92	
For Elevated Installation >15' To 20', Add	3.84	
For Elevated Installation >20' To 25', Add	4.80	
For Elevated Installation >25' To 30', Add	6.71	
For Elevated Installation >30' To 35', Add	7.67	
For Elevated Installation >35' To 40', Add	9.59	
For Elevated Installation >40', Add	10.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.75	
26 05 33 13-0190 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	26.62	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.80	
For Elevated Installation >20' To 25', Add	6.00	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0191 EA 2" Rigid Galvanized Steel (RGS) Steel Bushing	31.61	14.39
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.63	
26 05 33 13-0192 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	42.49	16.78
For Work In Restricted Working Space, Add	10.07	
For Elevated Installation >10' To 15', Add	3.36	
For Elevated Installation >15' To 20', Add	6.71	
For Elevated Installation >20' To 25', Add	8.39	
For Elevated Installation >25' To 30', Add	11.75	
For Elevated Installation >30' To 35', Add	13.43	
For Elevated Installation >35' To 40', Add	16.79	
For Elevated Installation >40', Add	18.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.07	
26 05 33 13-0193 EA 3" Rigid Galvanized Steel (RGS) Steel Bushing	50.07	19.18
For Work In Restricted Working Space, Add	11.51	
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.34	
For Elevated Installation >35' To 40', Add	19.18	
For Elevated Installation >40', Add	21.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.51	
26 05 33 13-0194 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	70.50	21.57
For Work In Restricted Working Space, Add	12.95	
For Elevated Installation >10' To 15', Add	4.32	
For Elevated Installation >15' To 20', Add	8.63	
For Elevated Installation >20' To 25', Add	10.79	
For Elevated Installation >25' To 30', Add	15.11	
For Elevated Installation >30' To 35', Add	17.26	
For Elevated Installation >35' To 40', Add	21.58	
For Elevated Installation >40', Add	23.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.95	
26 05 33 13-0195 EA 4" Rigid Galvanized Steel (RGS) Steel Bushing	92.30	23.98
For Work In Restricted Working Space, Add	14.39	
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.78	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0196	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	120.01	26.37
		<i>For Work In Restricted Working Space, Add</i>	15.83	
		<i>For Elevated Installation >10' To 15', Add</i>	5.28	
		<i>For Elevated Installation >15' To 20', Add</i>	10.55	
		<i>For Elevated Installation >20' To 25', Add</i>	13.19	
		<i>For Elevated Installation >25' To 30', Add</i>	18.46	
		<i>For Elevated Installation >30' To 35', Add</i>	21.10	
		<i>For Elevated Installation >35' To 40', Add</i>	26.38	
		<i>For Elevated Installation >40', Add</i>	29.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.83	
26 05 33 13-0197	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	171.07	28.77
		<i>For Work In Restricted Working Space, Add</i>	17.26	
		<i>For Elevated Installation >10' To 15', Add</i>	5.75	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.77	
		<i>For Elevated Installation >40', Add</i>	31.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.26	
26 05 33 13-0198		Rigid Galvanized Steel (RGS) Steel Insulated Bushing <small>(26 05 33 13-0059)</small>		
26 05 33 13-0199	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	15.63	7.19
		<i>For Work In Restricted Working Space, Add</i>	4.32	
		<i>For Elevated Installation >10' To 15', Add</i>	1.44	
		<i>For Elevated Installation >15' To 20', Add</i>	2.88	
		<i>For Elevated Installation >20' To 25', Add</i>	3.60	
		<i>For Elevated Installation >25' To 30', Add</i>	5.04	
		<i>For Elevated Installation >30' To 35', Add</i>	5.76	
		<i>For Elevated Installation >35' To 40', Add</i>	7.20	
		<i>For Elevated Installation >40', Add</i>	7.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	
26 05 33 13-0200	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	17.18	7.68
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Elevated Installation >10' To 15', Add</i>	1.53	
		<i>For Elevated Installation >15' To 20', Add</i>	3.07	
		<i>For Elevated Installation >20' To 25', Add</i>	3.84	
		<i>For Elevated Installation >25' To 30', Add</i>	5.37	
		<i>For Elevated Installation >30' To 35', Add</i>	6.14	
		<i>For Elevated Installation >35' To 40', Add</i>	7.67	
		<i>For Elevated Installation >40', Add</i>	8.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-0201	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	19.99	8.63
		<i>For Work In Restricted Working Space, Add</i>	5.18	
		<i>For Elevated Installation >10' To 15', Add</i>	1.73	
		<i>For Elevated Installation >15' To 20', Add</i>	3.45	
		<i>For Elevated Installation >20' To 25', Add</i>	4.32	
		<i>For Elevated Installation >25' To 30', Add</i>	6.04	
		<i>For Elevated Installation >30' To 35', Add</i>	6.91	
		<i>For Elevated Installation >35' To 40', Add</i>	8.64	
		<i>For Elevated Installation >40', Add</i>	9.50	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 05 33 13-0202	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	23.12	9.59
		<i>For Work In Restricted Working Space, Add</i>	5.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.92	
		<i>For Elevated Installation >15' To 20', Add</i>	3.84	
		<i>For Elevated Installation >20' To 25', Add</i>	4.80	
		<i>For Elevated Installation >25' To 30', Add</i>	6.71	
		<i>For Elevated Installation >30' To 35', Add</i>	7.67	
		<i>For Elevated Installation >35' To 40', Add</i>	9.59	
		<i>For Elevated Installation >40', Add</i>	10.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.75	
26 05 33 13-0203	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	28.87	11.98
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-0204	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	35.59	14.39
		<i>For Work In Restricted Working Space, Add</i>	8.63	
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.75	
		<i>For Elevated Installation >20' To 25', Add</i>	7.19	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0205 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	47.89	16.78
For Work In Restricted Working Space, Add	10.07	
For Elevated Installation >10' To 15', Add	3.36	
For Elevated Installation >15' To 20', Add	6.71	
For Elevated Installation >20' To 25', Add	8.39	
For Elevated Installation >25' To 30', Add	11.75	
For Elevated Installation >30' To 35', Add	13.43	
For Elevated Installation >35' To 40', Add	16.79	
For Elevated Installation >40', Add	18.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.07	
26 05 33 13-0206 EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	56.40	19.18
For Work In Restricted Working Space, Add	11.51	
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.34	
For Elevated Installation >35' To 40', Add	19.18	
For Elevated Installation >40', Add	21.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.51	
26 05 33 13-0207 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	71.68	21.57
For Work In Restricted Working Space, Add	12.95	
For Elevated Installation >10' To 15', Add	4.32	
For Elevated Installation >15' To 20', Add	8.63	
For Elevated Installation >20' To 25', Add	10.79	
For Elevated Installation >25' To 30', Add	15.11	
For Elevated Installation >30' To 35', Add	17.26	
For Elevated Installation >35' To 40', Add	21.58	
For Elevated Installation >40', Add	23.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.95	
26 05 33 13-0208 EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	97.57	23.98
For Work In Restricted Working Space, Add	14.39	
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.78	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	
26 05 33 13-0209 EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	125.76	26.37
For Work In Restricted Working Space, Add	15.83	
For Elevated Installation >10' To 15', Add	5.28	
For Elevated Installation >15' To 20', Add	10.55	
For Elevated Installation >20' To 25', Add	13.19	
For Elevated Installation >25' To 30', Add	18.46	
For Elevated Installation >30' To 35', Add	21.10	
For Elevated Installation >35' To 40', Add	26.38	
For Elevated Installation >40', Add	29.01	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.83	
26 05 33 13-0210 EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	173.09	28.77
For Work In Restricted Working Space, Add	17.26	
For Elevated Installation >10' To 15', Add	5.75	
For Elevated Installation >15' To 20', Add	11.51	
For Elevated Installation >20' To 25', Add	14.39	
For Elevated Installation >25' To 30', Add	20.14	
For Elevated Installation >30' To 35', Add	23.02	
For Elevated Installation >35' To 40', Add	28.77	
For Elevated Installation >40', Add	31.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.26	
26 05 33 13-0211 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing <small>(26 05 33 13-0059)</small>		
26 05 33 13-0212 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	22.28	8.63
For Work In Restricted Working Space, Add	5.18	
For Elevated Installation >10' To 15', Add	1.73	
For Elevated Installation >15' To 20', Add	3.45	
For Elevated Installation >20' To 25', Add	4.32	
For Elevated Installation >25' To 30', Add	6.04	
For Elevated Installation >30' To 35', Add	6.91	
For Elevated Installation >35' To 40', Add	8.64	
For Elevated Installation >40', Add	9.50	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-0213 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	24.90	9.59
For Work In Restricted Working Space, Add	5.75	
For Elevated Installation >10' To 15', Add	1.92	
For Elevated Installation >15' To 20', Add	3.84	
For Elevated Installation >20' To 25', Add	4.80	
For Elevated Installation >25' To 30', Add	6.71	
For Elevated Installation >30' To 35', Add	7.67	
For Elevated Installation >35' To 40', Add	9.59	
For Elevated Installation >40', Add	10.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.75	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0214	EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	28.22	10.55
	For Work In Restricted Working Space, Add	6.33	
	For Elevated Installation >10' To 15', Add	2.11	
	For Elevated Installation >15' To 20', Add	4.22	
	For Elevated Installation >20' To 25', Add	5.27	
	For Elevated Installation >25' To 30', Add	7.38	
	For Elevated Installation >30' To 35', Add	8.44	
	For Elevated Installation >35' To 40', Add	10.55	
	For Elevated Installation >40', Add	11.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0215	EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	33.21	11.98
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.80	
	For Elevated Installation >20' To 25', Add	6.00	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0216	EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	40.38	14.86
	For Work In Restricted Working Space, Add	8.92	
	For Elevated Installation >10' To 15', Add	2.97	
	For Elevated Installation >15' To 20', Add	5.95	
	For Elevated Installation >20' To 25', Add	7.43	
	For Elevated Installation >25' To 30', Add	10.41	
	For Elevated Installation >30' To 35', Add	11.89	
	For Elevated Installation >35' To 40', Add	14.87	
	For Elevated Installation >40', Add	16.35	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.92	
26 05 33 13-0217	EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	50.28	17.74
	For Work In Restricted Working Space, Add	10.64	
	For Elevated Installation >10' To 15', Add	3.55	
	For Elevated Installation >15' To 20', Add	7.10	
	For Elevated Installation >20' To 25', Add	8.87	
	For Elevated Installation >25' To 30', Add	12.42	
	For Elevated Installation >30' To 35', Add	14.19	
	For Elevated Installation >35' To 40', Add	17.74	
	For Elevated Installation >40', Add	19.51	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.64	
26 05 33 13-0218	EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	65.41	20.62
	For Work In Restricted Working Space, Add	12.37	
	For Elevated Installation >10' To 15', Add	4.12	
	For Elevated Installation >15' To 20', Add	8.25	
	For Elevated Installation >20' To 25', Add	10.31	
	For Elevated Installation >25' To 30', Add	14.43	
	For Elevated Installation >30' To 35', Add	16.49	
	For Elevated Installation >35' To 40', Add	20.62	
	For Elevated Installation >40', Add	22.68	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.37	
26 05 33 13-0219	EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	72.89	23.98
	For Work In Restricted Working Space, Add	14.39	
	For Elevated Installation >10' To 15', Add	4.80	
	For Elevated Installation >15' To 20', Add	9.59	
	For Elevated Installation >20' To 25', Add	11.99	
	For Elevated Installation >25' To 30', Add	16.78	
	For Elevated Installation >30' To 35', Add	19.18	
	For Elevated Installation >35' To 40', Add	23.98	
	For Elevated Installation >40', Add	26.37	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	
26 05 33 13-0220	EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	82.26	26.85
	For Work In Restricted Working Space, Add	16.11	
	For Elevated Installation >10' To 15', Add	5.37	
	For Elevated Installation >15' To 20', Add	10.74	
	For Elevated Installation >20' To 25', Add	13.43	
	For Elevated Installation >25' To 30', Add	18.80	
	For Elevated Installation >30' To 35', Add	21.48	
	For Elevated Installation >35' To 40', Add	26.85	
	For Elevated Installation >40', Add	29.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.11	
26 05 33 13-0221	EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	103.17	29.73
	For Work In Restricted Working Space, Add	17.84	
	For Elevated Installation >10' To 15', Add	5.95	
	For Elevated Installation >15' To 20', Add	11.89	
	For Elevated Installation >20' To 25', Add	14.86	
	For Elevated Installation >25' To 30', Add	20.81	
	For Elevated Installation >30' To 35', Add	23.78	
	For Elevated Installation >35' To 40', Add	29.73	
	For Elevated Installation >40', Add	32.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.84	
26 05 33 13-0222	EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	140.47	32.61
	For Work In Restricted Working Space, Add	19.56	
	For Elevated Installation >10' To 15', Add	6.52	
	For Elevated Installation >15' To 20', Add	13.04	
	For Elevated Installation >20' To 25', Add	16.30	
	For Elevated Installation >25' To 30', Add	22.82	
	For Elevated Installation >30' To 35', Add	26.08	
	For Elevated Installation >35' To 40', Add	32.61	
	For Elevated Installation >40', Add	35.87	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0223 EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	187.94	35.96
For Work In Restricted Working Space, Add	21.58	
For Elevated Installation >10' To 15', Add	7.19	
For Elevated Installation >15' To 20', Add	14.39	
For Elevated Installation >20' To 25', Add	17.98	
For Elevated Installation >25' To 30', Add	25.18	
For Elevated Installation >30' To 35', Add	28.77	
For Elevated Installation >35' To 40', Add	35.97	
For Elevated Installation >40', Add	39.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.58	
26 05 33 13-0224 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw (26 05 33 13-0059)		
26 05 33 13-0225 EA 1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	13.57	4.41
For Work In Restricted Working Space, Add	3.28	
For Elevated Installation >10' To 15', Add	1.09	
For Elevated Installation >15' To 20', Add	2.19	
For Elevated Installation >20' To 25', Add	2.74	
For Elevated Installation >25' To 30', Add	3.83	
For Elevated Installation >30' To 35', Add	4.38	
For Elevated Installation >35' To 40', Add	5.47	
For Elevated Installation >40', Add	6.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.28	
26 05 33 13-0226 EA 3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	16.32	5.08
For Work In Restricted Working Space, Add	3.80	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.53	
For Elevated Installation >20' To 25', Add	3.17	
For Elevated Installation >25' To 30', Add	4.43	
For Elevated Installation >30' To 35', Add	5.07	
For Elevated Installation >35' To 40', Add	6.34	
For Elevated Installation >40', Add	6.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.80	
26 05 33 13-0227 EA 1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	21.10	6.13
For Work In Restricted Working Space, Add	4.58	
For Elevated Installation >10' To 15', Add	1.53	
For Elevated Installation >15' To 20', Add	3.06	
For Elevated Installation >20' To 25', Add	3.82	
For Elevated Installation >25' To 30', Add	5.35	
For Elevated Installation >30' To 35', Add	6.11	
For Elevated Installation >35' To 40', Add	7.64	
For Elevated Installation >40', Add	8.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.58	
26 05 33 13-0228 EA 1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	30.42	7.58
For Work In Restricted Working Space, Add	5.70	
For Elevated Installation >10' To 15', Add	1.90	
For Elevated Installation >15' To 20', Add	3.80	
For Elevated Installation >20' To 25', Add	4.75	
For Elevated Installation >25' To 30', Add	6.65	
For Elevated Installation >30' To 35', Add	7.60	
For Elevated Installation >35' To 40', Add	9.50	
For Elevated Installation >40', Add	10.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.70	
26 05 33 13-0229 EA 1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	41.12	10.16
For Work In Restricted Working Space, Add	7.63	
For Elevated Installation >10' To 15', Add	2.54	
For Elevated Installation >15' To 20', Add	5.09	
For Elevated Installation >20' To 25', Add	6.36	
For Elevated Installation >25' To 30', Add	8.90	
For Elevated Installation >30' To 35', Add	10.18	
For Elevated Installation >35' To 40', Add	12.72	
For Elevated Installation >40', Add	13.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.63	
26 05 33 13-0230 EA 2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	68.85	15.25
For Work In Restricted Working Space, Add	11.43	
For Elevated Installation >10' To 15', Add	3.81	
For Elevated Installation >15' To 20', Add	7.62	
For Elevated Installation >20' To 25', Add	9.53	
For Elevated Installation >25' To 30', Add	13.34	
For Elevated Installation >30' To 35', Add	15.24	
For Elevated Installation >35' To 40', Add	19.05	
For Elevated Installation >40', Add	20.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.43	
26 05 33 13-0231 EA 2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	118.29	16.87
For Work In Restricted Working Space, Add	12.66	
For Elevated Installation >10' To 15', Add	4.22	
For Elevated Installation >15' To 20', Add	8.44	
For Elevated Installation >20' To 25', Add	10.55	
For Elevated Installation >25' To 30', Add	14.77	
For Elevated Installation >30' To 35', Add	16.88	
For Elevated Installation >35' To 40', Add	21.10	
For Elevated Installation >40', Add	23.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.66	

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 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0232	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	141.17	20.42
		<i>For Work In Restricted Working Space, Add</i>	15.33	
		<i>For Elevated Installation >10' To 15', Add</i>	5.11	
		<i>For Elevated Installation >15' To 20', Add</i>	10.22	
		<i>For Elevated Installation >20' To 25', Add</i>	12.78	
		<i>For Elevated Installation >25' To 30', Add</i>	17.89	
		<i>For Elevated Installation >30' To 35', Add</i>	20.44	
		<i>For Elevated Installation >35' To 40', Add</i>	25.55	
		<i>For Elevated Installation >40', Add</i>	28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0233	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	189.77	25.60
		<i>For Work In Restricted Working Space, Add</i>	19.19	
		<i>For Elevated Installation >10' To 15', Add</i>	6.40	
		<i>For Elevated Installation >15' To 20', Add</i>	12.80	
		<i>For Elevated Installation >20' To 25', Add</i>	16.00	
		<i>For Elevated Installation >25' To 30', Add</i>	22.39	
		<i>For Elevated Installation >30' To 35', Add</i>	25.59	
		<i>For Elevated Installation >35' To 40', Add</i>	31.99	
		<i>For Elevated Installation >40', Add</i>	35.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.19	
26 05 33 13-0234	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	222.70	30.68
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-0235	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	380.31	34.14
		<i>For Work In Restricted Working Space, Add</i>	25.58	
		<i>For Elevated Installation >10' To 15', Add</i>	8.53	
		<i>For Elevated Installation >15' To 20', Add</i>	17.05	
		<i>For Elevated Installation >20' To 25', Add</i>	21.31	
		<i>For Elevated Installation >25' To 30', Add</i>	29.84	
		<i>For Elevated Installation >30' To 35', Add</i>	34.10	
		<i>For Elevated Installation >35' To 40', Add</i>	42.63	
		<i>For Elevated Installation >40', Add</i>	46.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.58	
26 05 33 13-0236	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	453.05	38.36
		<i>For Work In Restricted Working Space, Add</i>	28.76	
		<i>For Elevated Installation >10' To 15', Add</i>	9.59	
		<i>For Elevated Installation >15' To 20', Add</i>	19.17	
		<i>For Elevated Installation >20' To 25', Add</i>	23.97	
		<i>For Elevated Installation >25' To 30', Add</i>	33.55	
		<i>For Elevated Installation >30' To 35', Add</i>	38.35	
		<i>For Elevated Installation >35' To 40', Add</i>	47.94	
		<i>For Elevated Installation >40', Add</i>	52.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.76	
26 05 33 13-0237		Rigid Galvanized Steel (RGS) Nipples (26 05 33 13-0059)		
26 05 33 13-0238	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	13.36	6.23
		<i>For Work In Restricted Working Space, Add</i>	3.74	
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.49	
		<i>For Elevated Installation >20' To 25', Add</i>	3.12	
		<i>For Elevated Installation >25' To 30', Add</i>	4.36	
		<i>For Elevated Installation >30' To 35', Add</i>	4.99	
		<i>For Elevated Installation >35' To 40', Add</i>	6.24	
		<i>For Elevated Installation >40', Add</i>	6.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33 13-0239	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.38	7.19
		<i>For Work In Restricted Working Space, Add</i>	4.31	
		<i>For Elevated Installation >10' To 15', Add</i>	1.44	
		<i>For Elevated Installation >15' To 20', Add</i>	2.88	
		<i>For Elevated Installation >20' To 25', Add</i>	3.60	
		<i>For Elevated Installation >25' To 30', Add</i>	5.03	
		<i>For Elevated Installation >30' To 35', Add</i>	5.75	
		<i>For Elevated Installation >35' To 40', Add</i>	7.19	
		<i>For Elevated Installation >40', Add</i>	7.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.31	
26 05 33 13-0240	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	19.61	9.11
		<i>For Work In Restricted Working Space, Add</i>	5.47	
		<i>For Elevated Installation >10' To 15', Add</i>	1.82	
		<i>For Elevated Installation >15' To 20', Add</i>	3.64	
		<i>For Elevated Installation >20' To 25', Add</i>	4.56	
		<i>For Elevated Installation >25' To 30', Add</i>	6.38	
		<i>For Elevated Installation >30' To 35', Add</i>	7.29	
		<i>For Elevated Installation >35' To 40', Add</i>	9.11	
		<i>For Elevated Installation >40', Add</i>	10.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0241 EA 1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.86	10.55
For Work In Restricted Working Space, Add	6.33	
For Elevated Installation >10' To 15', Add	2.11	
For Elevated Installation >15' To 20', Add	4.22	
For Elevated Installation >20' To 25', Add	5.27	
For Elevated Installation >25' To 30', Add	7.38	
For Elevated Installation >30' To 35', Add	8.44	
For Elevated Installation >35' To 40', Add	10.55	
For Elevated Installation >40', Add	11.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0242 EA 1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.07	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.79	
For Elevated Installation >20' To 25', Add	5.99	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0243 EA 1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	13.43	6.23
For Work In Restricted Working Space, Add	3.74	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.49	
For Elevated Installation >20' To 25', Add	3.12	
For Elevated Installation >25' To 30', Add	4.36	
For Elevated Installation >30' To 35', Add	4.99	
For Elevated Installation >35' To 40', Add	6.24	
For Elevated Installation >40', Add	6.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0244 EA 3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.49	7.19
For Work In Restricted Working Space, Add	4.31	
For Elevated Installation >10' To 15', Add	1.44	
For Elevated Installation >15' To 20', Add	2.88	
For Elevated Installation >20' To 25', Add	3.60	
For Elevated Installation >25' To 30', Add	5.03	
For Elevated Installation >30' To 35', Add	5.75	
For Elevated Installation >35' To 40', Add	7.19	
For Elevated Installation >40', Add	7.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-0245 EA 1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	19.74	9.11
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0246 EA 1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.03	10.55
For Work In Restricted Working Space, Add	6.33	
For Elevated Installation >10' To 15', Add	2.11	
For Elevated Installation >15' To 20', Add	4.22	
For Elevated Installation >20' To 25', Add	5.27	
For Elevated Installation >25' To 30', Add	7.38	
For Elevated Installation >30' To 35', Add	8.44	
For Elevated Installation >35' To 40', Add	10.55	
For Elevated Installation >40', Add	11.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0247 EA 1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.34	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.79	
For Elevated Installation >20' To 25', Add	5.99	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0248 EA 2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.71	13.43
For Work In Restricted Working Space, Add	8.06	
For Elevated Installation >10' To 15', Add	2.69	
For Elevated Installation >15' To 20', Add	5.37	
For Elevated Installation >20' To 25', Add	6.71	
For Elevated Installation >25' To 30', Add	9.40	
For Elevated Installation >30' To 35', Add	10.74	
For Elevated Installation >35' To 40', Add	13.43	
For Elevated Installation >40', Add	14.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.06	
26 05 33 13-0249 EA 1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	13.51	6.23
For Work In Restricted Working Space, Add	3.74	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.49	
For Elevated Installation >20' To 25', Add	3.12	
For Elevated Installation >25' To 30', Add	4.36	
For Elevated Installation >30' To 35', Add	4.99	
For Elevated Installation >35' To 40', Add	6.24	
For Elevated Installation >40', Add	6.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0250	EA 3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	15.59	7.19
	For Work In Restricted Working Space, Add	4.31	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.03	
	For Elevated Installation >30' To 35', Add	5.75	
	For Elevated Installation >35' To 40', Add	7.19	
	For Elevated Installation >40', Add	7.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-0251	EA 1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	19.91	9.11
	For Work In Restricted Working Space, Add	5.47	
	For Elevated Installation >10' To 15', Add	1.82	
	For Elevated Installation >15' To 20', Add	3.64	
	For Elevated Installation >20' To 25', Add	4.56	
	For Elevated Installation >25' To 30', Add	6.38	
	For Elevated Installation >30' To 35', Add	7.29	
	For Elevated Installation >35' To 40', Add	9.11	
	For Elevated Installation >40', Add	10.02	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0252	EA 1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	23.18	10.55
	For Work In Restricted Working Space, Add	6.33	
	For Elevated Installation >10' To 15', Add	2.11	
	For Elevated Installation >15' To 20', Add	4.22	
	For Elevated Installation >20' To 25', Add	5.27	
	For Elevated Installation >25' To 30', Add	7.38	
	For Elevated Installation >30' To 35', Add	8.44	
	For Elevated Installation >35' To 40', Add	10.55	
	For Elevated Installation >40', Add	11.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0253	EA 1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	26.52	11.98
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.79	
	For Elevated Installation >20' To 25', Add	5.99	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0254	EA 2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	30.15	13.43
	For Work In Restricted Working Space, Add	8.05	
	For Elevated Installation >10' To 15', Add	2.68	
	For Elevated Installation >15' To 20', Add	5.37	
	For Elevated Installation >20' To 25', Add	6.71	
	For Elevated Installation >25' To 30', Add	9.39	
	For Elevated Installation >30' To 35', Add	10.74	
	For Elevated Installation >35' To 40', Add	13.42	
	For Elevated Installation >40', Add	14.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0255	EA 2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	39.45	16.30
	For Work In Restricted Working Space, Add	9.78	
	For Elevated Installation >10' To 15', Add	3.26	
	For Elevated Installation >15' To 20', Add	6.52	
	For Elevated Installation >20' To 25', Add	8.15	
	For Elevated Installation >25' To 30', Add	11.41	
	For Elevated Installation >30' To 35', Add	13.04	
	For Elevated Installation >35' To 40', Add	16.31	
	For Elevated Installation >40', Add	17.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0256	EA 3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	53.48	22.54
	For Work In Restricted Working Space, Add	13.52	
	For Elevated Installation >10' To 15', Add	4.51	
	For Elevated Installation >15' To 20', Add	9.01	
	For Elevated Installation >20' To 25', Add	11.27	
	For Elevated Installation >25' To 30', Add	15.77	
	For Elevated Installation >30' To 35', Add	18.03	
	For Elevated Installation >35' To 40', Add	22.54	
	For Elevated Installation >40', Add	24.79	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0257	EA 1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	13.61	6.23
	For Work In Restricted Working Space, Add	3.74	
	For Elevated Installation >10' To 15', Add	1.25	
	For Elevated Installation >15' To 20', Add	2.49	
	For Elevated Installation >20' To 25', Add	3.12	
	For Elevated Installation >25' To 30', Add	4.36	
	For Elevated Installation >30' To 35', Add	4.99	
	For Elevated Installation >35' To 40', Add	6.24	
	For Elevated Installation >40', Add	6.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0258	EA 3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.64	7.19
	For Work In Restricted Working Space, Add	4.31	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.03	
	For Elevated Installation >30' To 35', Add	5.75	
	For Elevated Installation >35' To 40', Add	7.19	
	For Elevated Installation >40', Add	7.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0259 EA 1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	20.14	9.11
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0260 EA 1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.47	10.55
For Work In Restricted Working Space, Add	6.33	
For Elevated Installation >10' To 15', Add	2.11	
For Elevated Installation >15' To 20', Add	4.22	
For Elevated Installation >20' To 25', Add	5.27	
For Elevated Installation >25' To 30', Add	7.38	
For Elevated Installation >30' To 35', Add	8.44	
For Elevated Installation >35' To 40', Add	10.55	
For Elevated Installation >40', Add	11.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0261 EA 1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.90	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.79	
For Elevated Installation >20' To 25', Add	5.99	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0262 EA 2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple.....	30.61	13.43
For Work In Restricted Working Space, Add	8.05	
For Elevated Installation >10' To 15', Add	2.68	
For Elevated Installation >15' To 20', Add	5.37	
For Elevated Installation >20' To 25', Add	6.71	
For Elevated Installation >25' To 30', Add	9.39	
For Elevated Installation >30' To 35', Add	10.74	
For Elevated Installation >35' To 40', Add	13.42	
For Elevated Installation >40', Add	14.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0263 EA 2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	40.70	16.30
For Work In Restricted Working Space, Add	9.78	
For Elevated Installation >10' To 15', Add	3.26	
For Elevated Installation >15' To 20', Add	6.52	
For Elevated Installation >20' To 25', Add	8.15	
For Elevated Installation >25' To 30', Add	11.41	
For Elevated Installation >30' To 35', Add	13.04	
For Elevated Installation >35' To 40', Add	16.31	
For Elevated Installation >40', Add	17.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0264 EA 3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	54.56	22.54
For Work In Restricted Working Space, Add	13.52	
For Elevated Installation >10' To 15', Add	4.51	
For Elevated Installation >15' To 20', Add	9.01	
For Elevated Installation >20' To 25', Add	11.27	
For Elevated Installation >25' To 30', Add	15.77	
For Elevated Installation >30' To 35', Add	18.03	
For Elevated Installation >35' To 40', Add	22.54	
For Elevated Installation >40', Add	24.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0265 EA 1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	13.70	6.23
For Work In Restricted Working Space, Add	3.74	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.49	
For Elevated Installation >20' To 25', Add	3.12	
For Elevated Installation >25' To 30', Add	4.36	
For Elevated Installation >30' To 35', Add	4.99	
For Elevated Installation >35' To 40', Add	6.24	
For Elevated Installation >40', Add	6.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0266 EA 3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.81	7.19
For Work In Restricted Working Space, Add	4.31	
For Elevated Installation >10' To 15', Add	1.44	
For Elevated Installation >15' To 20', Add	2.88	
For Elevated Installation >20' To 25', Add	3.60	
For Elevated Installation >25' To 30', Add	5.03	
For Elevated Installation >30' To 35', Add	5.75	
For Elevated Installation >35' To 40', Add	7.19	
For Elevated Installation >40', Add	7.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-0267 EA 1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	20.28	9.11
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	

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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0268	EA 1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.61	10.55
	For Work In Restricted Working Space, Add	6.33	
	For Elevated Installation >10' To 15', Add	2.11	
	For Elevated Installation >15' To 20', Add	4.22	
	For Elevated Installation >20' To 25', Add	5.27	
	For Elevated Installation >25' To 30', Add	7.38	
	For Elevated Installation >30' To 35', Add	8.44	
	For Elevated Installation >35' To 40', Add	10.55	
	For Elevated Installation >40', Add	11.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0269	EA 1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.16	11.98
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.79	
	For Elevated Installation >20' To 25', Add	5.99	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0270	EA 2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.01	13.43
	For Work In Restricted Working Space, Add	8.05	
	For Elevated Installation >10' To 15', Add	2.68	
	For Elevated Installation >15' To 20', Add	5.37	
	For Elevated Installation >20' To 25', Add	6.71	
	For Elevated Installation >25' To 30', Add	9.39	
	For Elevated Installation >30' To 35', Add	10.74	
	For Elevated Installation >35' To 40', Add	13.42	
	For Elevated Installation >40', Add	14.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0271	EA 2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	41.08	16.30
	For Work In Restricted Working Space, Add	9.78	
	For Elevated Installation >10' To 15', Add	3.26	
	For Elevated Installation >15' To 20', Add	6.52	
	For Elevated Installation >20' To 25', Add	8.15	
	For Elevated Installation >25' To 30', Add	11.41	
	For Elevated Installation >30' To 35', Add	13.04	
	For Elevated Installation >35' To 40', Add	16.31	
	For Elevated Installation >40', Add	17.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0272	EA 3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	55.36	22.54
	For Work In Restricted Working Space, Add	13.52	
	For Elevated Installation >10' To 15', Add	4.51	
	For Elevated Installation >15' To 20', Add	9.01	
	For Elevated Installation >20' To 25', Add	11.27	
	For Elevated Installation >25' To 30', Add	15.77	
	For Elevated Installation >30' To 35', Add	18.03	
	For Elevated Installation >35' To 40', Add	22.54	
	For Elevated Installation >40', Add	24.79	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0273	EA 3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	63.34	25.41
	For Work In Restricted Working Space, Add	15.25	
	For Elevated Installation >10' To 15', Add	5.08	
	For Elevated Installation >15' To 20', Add	10.16	
	For Elevated Installation >20' To 25', Add	12.71	
	For Elevated Installation >25' To 30', Add	17.79	
	For Elevated Installation >30' To 35', Add	20.33	
	For Elevated Installation >35' To 40', Add	25.41	
	For Elevated Installation >40', Add	27.95	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0274	EA 4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	80.22	33.09
	For Work In Restricted Working Space, Add	19.85	
	For Elevated Installation >10' To 15', Add	6.62	
	For Elevated Installation >15' To 20', Add	13.23	
	For Elevated Installation >20' To 25', Add	16.54	
	For Elevated Installation >25' To 30', Add	23.16	
	For Elevated Installation >30' To 35', Add	26.46	
	For Elevated Installation >35' To 40', Add	33.08	
	For Elevated Installation >40', Add	36.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0275	EA 1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	13.85	6.23
	For Work In Restricted Working Space, Add	3.74	
	For Elevated Installation >10' To 15', Add	1.25	
	For Elevated Installation >15' To 20', Add	2.49	
	For Elevated Installation >20' To 25', Add	3.12	
	For Elevated Installation >25' To 30', Add	4.36	
	For Elevated Installation >30' To 35', Add	4.99	
	For Elevated Installation >35' To 40', Add	6.24	
	For Elevated Installation >40', Add	6.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0276	EA 3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.03	7.19
	For Work In Restricted Working Space, Add	4.31	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.03	
	For Elevated Installation >30' To 35', Add	5.75	
	For Elevated Installation >35' To 40', Add	7.19	
	For Elevated Installation >40', Add	7.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0277 EA 1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	20.55	9.11
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0278 EA 1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.01	10.55
For Work In Restricted Working Space, Add	6.33	
For Elevated Installation >10' To 15', Add	2.11	
For Elevated Installation >15' To 20', Add	4.22	
For Elevated Installation >20' To 25', Add	5.27	
For Elevated Installation >25' To 30', Add	7.38	
For Elevated Installation >30' To 35', Add	8.44	
For Elevated Installation >35' To 40', Add	10.55	
For Elevated Installation >40', Add	11.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0279 EA 1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.55	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.79	
For Elevated Installation >20' To 25', Add	5.99	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0280 EA 2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.70	13.43
For Work In Restricted Working Space, Add	8.05	
For Elevated Installation >10' To 15', Add	2.68	
For Elevated Installation >15' To 20', Add	5.37	
For Elevated Installation >20' To 25', Add	6.71	
For Elevated Installation >25' To 30', Add	9.39	
For Elevated Installation >30' To 35', Add	10.74	
For Elevated Installation >35' To 40', Add	13.42	
For Elevated Installation >40', Add	14.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0281 EA 2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	42.62	16.30
For Work In Restricted Working Space, Add	9.78	
For Elevated Installation >10' To 15', Add	3.26	
For Elevated Installation >15' To 20', Add	6.52	
For Elevated Installation >20' To 25', Add	8.15	
For Elevated Installation >25' To 30', Add	11.41	
For Elevated Installation >30' To 35', Add	13.04	
For Elevated Installation >35' To 40', Add	16.31	
For Elevated Installation >40', Add	17.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0282 EA 3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	57.03	22.54
For Work In Restricted Working Space, Add	13.52	
For Elevated Installation >10' To 15', Add	4.51	
For Elevated Installation >15' To 20', Add	9.01	
For Elevated Installation >20' To 25', Add	11.27	
For Elevated Installation >25' To 30', Add	15.77	
For Elevated Installation >30' To 35', Add	18.03	
For Elevated Installation >35' To 40', Add	22.54	
For Elevated Installation >40', Add	24.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0283 EA 3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	65.00	25.41
For Work In Restricted Working Space, Add	15.25	
For Elevated Installation >10' To 15', Add	5.08	
For Elevated Installation >15' To 20', Add	10.16	
For Elevated Installation >20' To 25', Add	12.71	
For Elevated Installation >25' To 30', Add	17.79	
For Elevated Installation >30' To 35', Add	20.33	
For Elevated Installation >35' To 40', Add	25.41	
For Elevated Installation >40', Add	27.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0284 EA 4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	82.64	33.09
For Work In Restricted Working Space, Add	19.85	
For Elevated Installation >10' To 15', Add	6.62	
For Elevated Installation >15' To 20', Add	13.23	
For Elevated Installation >20' To 25', Add	16.54	
For Elevated Installation >25' To 30', Add	23.16	
For Elevated Installation >30' To 35', Add	26.46	
For Elevated Installation >35' To 40', Add	33.08	
For Elevated Installation >40', Add	36.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0285 EA 5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	123.09	45.55
For Work In Restricted Working Space, Add	27.33	
For Elevated Installation >10' To 15', Add	9.11	
For Elevated Installation >15' To 20', Add	18.22	
For Elevated Installation >20' To 25', Add	22.77	
For Elevated Installation >25' To 30', Add	31.88	
For Elevated Installation >30' To 35', Add	36.44	
For Elevated Installation >35' To 40', Add	45.55	
For Elevated Installation >40', Add	50.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.33	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0286	EA 6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	156.76	58.40
	<i>For Work In Restricted Working Space, Add</i>	35.06	
	<i>For Elevated Installation >10' To 15', Add</i>	11.69	
	<i>For Elevated Installation >15' To 20', Add</i>	23.38	
	<i>For Elevated Installation >20' To 25', Add</i>	29.22	
	<i>For Elevated Installation >25' To 30', Add</i>	40.91	
	<i>For Elevated Installation >30' To 35', Add</i>	46.75	
	<i>For Elevated Installation >35' To 40', Add</i>	58.44	
	<i>For Elevated Installation >40', Add</i>	64.28	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.06	
26 05 33 13-0287	EA 1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	14.11	6.23
	<i>For Work In Restricted Working Space, Add</i>	3.74	
	<i>For Elevated Installation >10' To 15', Add</i>	1.25	
	<i>For Elevated Installation >15' To 20', Add</i>	2.49	
	<i>For Elevated Installation >20' To 25', Add</i>	3.12	
	<i>For Elevated Installation >25' To 30', Add</i>	4.36	
	<i>For Elevated Installation >30' To 35', Add</i>	4.99	
	<i>For Elevated Installation >35' To 40', Add</i>	6.24	
	<i>For Elevated Installation >40', Add</i>	6.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33 13-0288	EA 3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	16.30	7.19
	<i>For Work In Restricted Working Space, Add</i>	4.31	
	<i>For Elevated Installation >10' To 15', Add</i>	1.44	
	<i>For Elevated Installation >15' To 20', Add</i>	2.88	
	<i>For Elevated Installation >20' To 25', Add</i>	3.60	
	<i>For Elevated Installation >25' To 30', Add</i>	5.03	
	<i>For Elevated Installation >30' To 35', Add</i>	5.75	
	<i>For Elevated Installation >35' To 40', Add</i>	7.19	
	<i>For Elevated Installation >40', Add</i>	7.91	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.31	
26 05 33 13-0289	EA 1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	20.77	9.11
	<i>For Work In Restricted Working Space, Add</i>	5.47	
	<i>For Elevated Installation >10' To 15', Add</i>	1.82	
	<i>For Elevated Installation >15' To 20', Add</i>	3.64	
	<i>For Elevated Installation >20' To 25', Add</i>	4.56	
	<i>For Elevated Installation >25' To 30', Add</i>	6.38	
	<i>For Elevated Installation >30' To 35', Add</i>	7.29	
	<i>For Elevated Installation >35' To 40', Add</i>	9.11	
	<i>For Elevated Installation >40', Add</i>	10.02	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	
26 05 33 13-0290	EA 1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	24.37	10.55
	<i>For Work In Restricted Working Space, Add</i>	6.33	
	<i>For Elevated Installation >10' To 15', Add</i>	2.11	
	<i>For Elevated Installation >15' To 20', Add</i>	4.22	
	<i>For Elevated Installation >20' To 25', Add</i>	5.27	
	<i>For Elevated Installation >25' To 30', Add</i>	7.38	
	<i>For Elevated Installation >30' To 35', Add</i>	8.44	
	<i>For Elevated Installation >35' To 40', Add</i>	10.55	
	<i>For Elevated Installation >40', Add</i>	11.60	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.33	
26 05 33 13-0291	EA 1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	28.37	11.98
	<i>For Work In Restricted Working Space, Add</i>	7.19	
	<i>For Elevated Installation >10' To 15', Add</i>	2.40	
	<i>For Elevated Installation >15' To 20', Add</i>	4.79	
	<i>For Elevated Installation >20' To 25', Add</i>	5.99	
	<i>For Elevated Installation >25' To 30', Add</i>	8.39	
	<i>For Elevated Installation >30' To 35', Add</i>	9.59	
	<i>For Elevated Installation >35' To 40', Add</i>	11.99	
	<i>For Elevated Installation >40', Add</i>	13.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-0292	EA 2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	32.40	13.43
	<i>For Work In Restricted Working Space, Add</i>	8.05	
	<i>For Elevated Installation >10' To 15', Add</i>	2.68	
	<i>For Elevated Installation >15' To 20', Add</i>	5.37	
	<i>For Elevated Installation >20' To 25', Add</i>	6.71	
	<i>For Elevated Installation >25' To 30', Add</i>	9.39	
	<i>For Elevated Installation >30' To 35', Add</i>	10.74	
	<i>For Elevated Installation >35' To 40', Add</i>	13.42	
	<i>For Elevated Installation >40', Add</i>	14.76	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.05	
26 05 33 13-0293	EA 2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	43.97	16.30
	<i>For Work In Restricted Working Space, Add</i>	9.78	
	<i>For Elevated Installation >10' To 15', Add</i>	3.26	
	<i>For Elevated Installation >15' To 20', Add</i>	6.52	
	<i>For Elevated Installation >20' To 25', Add</i>	8.15	
	<i>For Elevated Installation >25' To 30', Add</i>	11.41	
	<i>For Elevated Installation >30' To 35', Add</i>	13.04	
	<i>For Elevated Installation >35' To 40', Add</i>	16.31	
	<i>For Elevated Installation >40', Add</i>	17.94	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 05 33 13-0294	EA 3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	58.73	22.54
	<i>For Work In Restricted Working Space, Add</i>	13.52	
	<i>For Elevated Installation >10' To 15', Add</i>	4.51	
	<i>For Elevated Installation >15' To 20', Add</i>	9.01	
	<i>For Elevated Installation >20' To 25', Add</i>	11.27	
	<i>For Elevated Installation >25' To 30', Add</i>	15.77	
	<i>For Elevated Installation >30' To 35', Add</i>	18.03	
	<i>For Elevated Installation >35' To 40', Add</i>	22.54	
	<i>For Elevated Installation >40', Add</i>	24.79	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0295 EA 3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	67.03	25.41
For Work In Restricted Working Space, Add	15.25	
For Elevated Installation >10' To 15', Add	5.08	
For Elevated Installation >15' To 20', Add	10.16	
For Elevated Installation >20' To 25', Add	12.71	
For Elevated Installation >25' To 30', Add	17.79	
For Elevated Installation >30' To 35', Add	20.33	
For Elevated Installation >35' To 40', Add	25.41	
For Elevated Installation >40', Add	27.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0296 EA 4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	84.57	33.09
For Work In Restricted Working Space, Add	19.85	
For Elevated Installation >10' To 15', Add	6.62	
For Elevated Installation >15' To 20', Add	13.23	
For Elevated Installation >20' To 25', Add	16.54	
For Elevated Installation >25' To 30', Add	23.16	
For Elevated Installation >30' To 35', Add	26.46	
For Elevated Installation >35' To 40', Add	33.08	
For Elevated Installation >40', Add	36.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0297 EA 5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	125.91	45.55
For Work In Restricted Working Space, Add	27.33	
For Elevated Installation >10' To 15', Add	9.11	
For Elevated Installation >15' To 20', Add	18.22	
For Elevated Installation >20' To 25', Add	22.77	
For Elevated Installation >25' To 30', Add	31.88	
For Elevated Installation >30' To 35', Add	36.44	
For Elevated Installation >35' To 40', Add	45.55	
For Elevated Installation >40', Add	50.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.33	
26 05 33 13-0298 EA 6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	160.88	58.40
For Work In Restricted Working Space, Add	35.06	
For Elevated Installation >10' To 15', Add	11.69	
For Elevated Installation >15' To 20', Add	23.38	
For Elevated Installation >20' To 25', Add	29.22	
For Elevated Installation >25' To 30', Add	40.91	
For Elevated Installation >30' To 35', Add	46.75	
For Elevated Installation >35' To 40', Add	58.44	
For Elevated Installation >40', Add	64.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.06	
26 05 33 13-0299 EA 1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.09	6.23
For Work In Restricted Working Space, Add	3.74	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.49	
For Elevated Installation >20' To 25', Add	3.12	
For Elevated Installation >25' To 30', Add	4.36	
For Elevated Installation >30' To 35', Add	4.99	
For Elevated Installation >35' To 40', Add	6.24	
For Elevated Installation >40', Add	6.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0300 EA 3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.55	7.19
For Work In Restricted Working Space, Add	4.31	
For Elevated Installation >10' To 15', Add	1.44	
For Elevated Installation >15' To 20', Add	2.88	
For Elevated Installation >20' To 25', Add	3.60	
For Elevated Installation >25' To 30', Add	5.03	
For Elevated Installation >30' To 35', Add	5.75	
For Elevated Installation >35' To 40', Add	7.19	
For Elevated Installation >40', Add	7.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-0301 EA 1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.24	9.11
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0302 EA 1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.47	10.55
For Work In Restricted Working Space, Add	6.33	
For Elevated Installation >10' To 15', Add	2.11	
For Elevated Installation >15' To 20', Add	4.22	
For Elevated Installation >20' To 25', Add	5.27	
For Elevated Installation >25' To 30', Add	7.38	
For Elevated Installation >30' To 35', Add	8.44	
For Elevated Installation >35' To 40', Add	10.55	
For Elevated Installation >40', Add	11.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0303 EA 1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	30.71	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.79	
For Elevated Installation >20' To 25', Add	5.99	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0304	EA 2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	34.86	13.43
	For Work In Restricted Working Space, Add	8.05	
	For Elevated Installation >10' To 15', Add	2.68	
	For Elevated Installation >15' To 20', Add	5.37	
	For Elevated Installation >20' To 25', Add	6.71	
	For Elevated Installation >25' To 30', Add	9.39	
	For Elevated Installation >30' To 35', Add	10.74	
	For Elevated Installation >35' To 40', Add	13.42	
	For Elevated Installation >40', Add	14.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0305	EA 2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	47.55	16.30
	For Work In Restricted Working Space, Add	9.78	
	For Elevated Installation >10' To 15', Add	3.26	
	For Elevated Installation >15' To 20', Add	6.52	
	For Elevated Installation >20' To 25', Add	8.15	
	For Elevated Installation >25' To 30', Add	11.41	
	For Elevated Installation >30' To 35', Add	13.04	
	For Elevated Installation >35' To 40', Add	16.31	
	For Elevated Installation >40', Add	17.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0306	EA 3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	62.84	22.54
	For Work In Restricted Working Space, Add	13.52	
	For Elevated Installation >10' To 15', Add	4.51	
	For Elevated Installation >15' To 20', Add	9.01	
	For Elevated Installation >20' To 25', Add	11.27	
	For Elevated Installation >25' To 30', Add	15.77	
	For Elevated Installation >30' To 35', Add	18.03	
	For Elevated Installation >35' To 40', Add	22.54	
	For Elevated Installation >40', Add	24.79	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0307	EA 3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	71.13	25.41
	For Work In Restricted Working Space, Add	15.25	
	For Elevated Installation >10' To 15', Add	5.08	
	For Elevated Installation >15' To 20', Add	10.16	
	For Elevated Installation >20' To 25', Add	12.71	
	For Elevated Installation >25' To 30', Add	17.79	
	For Elevated Installation >30' To 35', Add	20.33	
	For Elevated Installation >35' To 40', Add	25.41	
	For Elevated Installation >40', Add	27.95	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0308	EA 4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	89.10	33.09
	For Work In Restricted Working Space, Add	19.85	
	For Elevated Installation >10' To 15', Add	6.62	
	For Elevated Installation >15' To 20', Add	13.23	
	For Elevated Installation >20' To 25', Add	16.54	
	For Elevated Installation >25' To 30', Add	23.16	
	For Elevated Installation >30' To 35', Add	26.46	
	For Elevated Installation >35' To 40', Add	33.08	
	For Elevated Installation >40', Add	36.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0309	EA 5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	132.44	45.55
	For Work In Restricted Working Space, Add	27.33	
	For Elevated Installation >10' To 15', Add	9.11	
	For Elevated Installation >15' To 20', Add	18.22	
	For Elevated Installation >20' To 25', Add	22.77	
	For Elevated Installation >25' To 30', Add	31.88	
	For Elevated Installation >30' To 35', Add	36.44	
	For Elevated Installation >35' To 40', Add	45.55	
	For Elevated Installation >40', Add	50.10	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.33	
26 05 33 13-0310	EA 6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	168.23	58.40
	For Work In Restricted Working Space, Add	35.06	
	For Elevated Installation >10' To 15', Add	11.69	
	For Elevated Installation >15' To 20', Add	23.38	
	For Elevated Installation >20' To 25', Add	29.22	
	For Elevated Installation >25' To 30', Add	40.91	
	For Elevated Installation >30' To 35', Add	46.75	
	For Elevated Installation >35' To 40', Add	58.44	
	For Elevated Installation >40', Add	64.28	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.06	
26 05 33 13-0311	EA 1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	15.75	6.23
	For Work In Restricted Working Space, Add	3.74	
	For Elevated Installation >10' To 15', Add	1.25	
	For Elevated Installation >15' To 20', Add	2.49	
	For Elevated Installation >20' To 25', Add	3.12	
	For Elevated Installation >25' To 30', Add	4.36	
	For Elevated Installation >30' To 35', Add	4.99	
	For Elevated Installation >35' To 40', Add	6.24	
	For Elevated Installation >40', Add	6.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.74	
26 05 33 13-0312	EA 3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	18.19	7.19
	For Work In Restricted Working Space, Add	4.31	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.03	
	For Elevated Installation >30' To 35', Add	5.75	
	For Elevated Installation >35' To 40', Add	7.19	
	For Elevated Installation >40', Add	7.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0313	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.40	9.11
		For Work In Restricted Working Space, Add	5.47	
		For Elevated Installation >10' To 15', Add	1.82	
		For Elevated Installation >15' To 20', Add	3.64	
		For Elevated Installation >20' To 25', Add	4.56	
		For Elevated Installation >25' To 30', Add	6.38	
		For Elevated Installation >30' To 35', Add	7.29	
		For Elevated Installation >35' To 40', Add	9.11	
		For Elevated Installation >40', Add	10.02	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0314	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.86	10.55
		For Work In Restricted Working Space, Add	6.33	
		For Elevated Installation >10' To 15', Add	2.11	
		For Elevated Installation >15' To 20', Add	4.22	
		For Elevated Installation >20' To 25', Add	5.27	
		For Elevated Installation >25' To 30', Add	7.38	
		For Elevated Installation >30' To 35', Add	8.44	
		For Elevated Installation >35' To 40', Add	10.55	
		For Elevated Installation >40', Add	11.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-0315	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	32.07	11.98
		For Work In Restricted Working Space, Add	7.19	
		For Elevated Installation >10' To 15', Add	2.40	
		For Elevated Installation >15' To 20', Add	4.79	
		For Elevated Installation >20' To 25', Add	5.99	
		For Elevated Installation >25' To 30', Add	8.39	
		For Elevated Installation >30' To 35', Add	9.59	
		For Elevated Installation >35' To 40', Add	11.99	
		For Elevated Installation >40', Add	13.18	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0316	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	36.44	13.43
		For Work In Restricted Working Space, Add	8.05	
		For Elevated Installation >10' To 15', Add	2.68	
		For Elevated Installation >15' To 20', Add	5.37	
		For Elevated Installation >20' To 25', Add	6.71	
		For Elevated Installation >25' To 30', Add	9.39	
		For Elevated Installation >30' To 35', Add	10.74	
		For Elevated Installation >35' To 40', Add	13.42	
		For Elevated Installation >40', Add	14.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.05	
26 05 33 13-0317	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	49.96	16.30
		For Work In Restricted Working Space, Add	9.78	
		For Elevated Installation >10' To 15', Add	3.26	
		For Elevated Installation >15' To 20', Add	6.52	
		For Elevated Installation >20' To 25', Add	8.15	
		For Elevated Installation >25' To 30', Add	11.41	
		For Elevated Installation >30' To 35', Add	13.04	
		For Elevated Installation >35' To 40', Add	16.31	
		For Elevated Installation >40', Add	17.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.78	
26 05 33 13-0318	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	66.07	22.54
		For Work In Restricted Working Space, Add	13.52	
		For Elevated Installation >10' To 15', Add	4.51	
		For Elevated Installation >15' To 20', Add	9.01	
		For Elevated Installation >20' To 25', Add	11.27	
		For Elevated Installation >25' To 30', Add	15.77	
		For Elevated Installation >30' To 35', Add	18.03	
		For Elevated Installation >35' To 40', Add	22.54	
		For Elevated Installation >40', Add	24.79	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.52	
26 05 33 13-0319	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	75.39	25.41
		For Work In Restricted Working Space, Add	15.25	
		For Elevated Installation >10' To 15', Add	5.08	
		For Elevated Installation >15' To 20', Add	10.16	
		For Elevated Installation >20' To 25', Add	12.71	
		For Elevated Installation >25' To 30', Add	17.79	
		For Elevated Installation >30' To 35', Add	20.33	
		For Elevated Installation >35' To 40', Add	25.41	
		For Elevated Installation >40', Add	27.95	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0320	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	94.50	33.09
		For Work In Restricted Working Space, Add	19.85	
		For Elevated Installation >10' To 15', Add	6.62	
		For Elevated Installation >15' To 20', Add	13.23	
		For Elevated Installation >20' To 25', Add	16.54	
		For Elevated Installation >25' To 30', Add	23.16	
		For Elevated Installation >30' To 35', Add	26.46	
		For Elevated Installation >35' To 40', Add	33.08	
		For Elevated Installation >40', Add	36.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0321	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	139.57	45.55
		For Work In Restricted Working Space, Add	27.33	
		For Elevated Installation >10' To 15', Add	9.11	
		For Elevated Installation >15' To 20', Add	18.22	
		For Elevated Installation >20' To 25', Add	22.77	
		For Elevated Installation >25' To 30', Add	31.88	
		For Elevated Installation >30' To 35', Add	36.44	
		For Elevated Installation >35' To 40', Add	45.55	
		For Elevated Installation >40', Add	50.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.33	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0322	EA 6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	181.05	58.40
	<i>For Work In Restricted Working Space, Add</i>	35.06	
	<i>For Elevated Installation >10' To 15', Add</i>	11.69	
	<i>For Elevated Installation >15' To 20', Add</i>	23.38	
	<i>For Elevated Installation >20' To 25', Add</i>	29.22	
	<i>For Elevated Installation >25' To 30', Add</i>	40.91	
	<i>For Elevated Installation >30' To 35', Add</i>	46.75	
	<i>For Elevated Installation >35' To 40', Add</i>	58.44	
	<i>For Elevated Installation >40', Add</i>	64.28	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.06	
26 05 33 13-0323	EA 1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	16.25	6.23
	<i>For Work In Restricted Working Space, Add</i>	3.74	
	<i>For Elevated Installation >10' To 15', Add</i>	1.25	
	<i>For Elevated Installation >15' To 20', Add</i>	2.49	
	<i>For Elevated Installation >20' To 25', Add</i>	3.12	
	<i>For Elevated Installation >25' To 30', Add</i>	4.36	
	<i>For Elevated Installation >30' To 35', Add</i>	4.99	
	<i>For Elevated Installation >35' To 40', Add</i>	6.24	
	<i>For Elevated Installation >40', Add</i>	6.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33 13-0324	EA 3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	18.66	7.19
	<i>For Work In Restricted Working Space, Add</i>	4.31	
	<i>For Elevated Installation >10' To 15', Add</i>	1.44	
	<i>For Elevated Installation >15' To 20', Add</i>	2.88	
	<i>For Elevated Installation >20' To 25', Add</i>	3.60	
	<i>For Elevated Installation >25' To 30', Add</i>	5.03	
	<i>For Elevated Installation >30' To 35', Add</i>	5.75	
	<i>For Elevated Installation >35' To 40', Add</i>	7.19	
	<i>For Elevated Installation >40', Add</i>	7.91	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.31	
26 05 33 13-0325	EA 1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	24.11	9.11
	<i>For Work In Restricted Working Space, Add</i>	5.47	
	<i>For Elevated Installation >10' To 15', Add</i>	1.82	
	<i>For Elevated Installation >15' To 20', Add</i>	3.64	
	<i>For Elevated Installation >20' To 25', Add</i>	4.56	
	<i>For Elevated Installation >25' To 30', Add</i>	6.38	
	<i>For Elevated Installation >30' To 35', Add</i>	7.29	
	<i>For Elevated Installation >35' To 40', Add</i>	9.11	
	<i>For Elevated Installation >40', Add</i>	10.02	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	
26 05 33 13-0326	EA 1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	28.97	10.55
	<i>For Work In Restricted Working Space, Add</i>	6.33	
	<i>For Elevated Installation >10' To 15', Add</i>	2.11	
	<i>For Elevated Installation >15' To 20', Add</i>	4.22	
	<i>For Elevated Installation >20' To 25', Add</i>	5.27	
	<i>For Elevated Installation >25' To 30', Add</i>	7.38	
	<i>For Elevated Installation >30' To 35', Add</i>	8.44	
	<i>For Elevated Installation >35' To 40', Add</i>	10.55	
	<i>For Elevated Installation >40', Add</i>	11.60	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.33	
26 05 33 13-0327	EA 1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	32.76	11.98
	<i>For Work In Restricted Working Space, Add</i>	7.19	
	<i>For Elevated Installation >10' To 15', Add</i>	2.40	
	<i>For Elevated Installation >15' To 20', Add</i>	4.79	
	<i>For Elevated Installation >20' To 25', Add</i>	5.99	
	<i>For Elevated Installation >25' To 30', Add</i>	8.39	
	<i>For Elevated Installation >30' To 35', Add</i>	9.59	
	<i>For Elevated Installation >35' To 40', Add</i>	11.99	
	<i>For Elevated Installation >40', Add</i>	13.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-0328	EA 2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	37.77	13.43
	<i>For Work In Restricted Working Space, Add</i>	8.05	
	<i>For Elevated Installation >10' To 15', Add</i>	2.68	
	<i>For Elevated Installation >15' To 20', Add</i>	5.37	
	<i>For Elevated Installation >20' To 25', Add</i>	6.71	
	<i>For Elevated Installation >25' To 30', Add</i>	9.39	
	<i>For Elevated Installation >30' To 35', Add</i>	10.74	
	<i>For Elevated Installation >35' To 40', Add</i>	13.42	
	<i>For Elevated Installation >40', Add</i>	14.76	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.05	
26 05 33 13-0329	EA 2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	52.79	16.30
	<i>For Work In Restricted Working Space, Add</i>	9.78	
	<i>For Elevated Installation >10' To 15', Add</i>	3.26	
	<i>For Elevated Installation >15' To 20', Add</i>	6.52	
	<i>For Elevated Installation >20' To 25', Add</i>	8.15	
	<i>For Elevated Installation >25' To 30', Add</i>	11.41	
	<i>For Elevated Installation >30' To 35', Add</i>	13.04	
	<i>For Elevated Installation >35' To 40', Add</i>	16.31	
	<i>For Elevated Installation >40', Add</i>	17.94	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 05 33 13-0330	EA 3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	70.57	22.54
	<i>For Work In Restricted Working Space, Add</i>	13.52	
	<i>For Elevated Installation >10' To 15', Add</i>	4.51	
	<i>For Elevated Installation >15' To 20', Add</i>	9.01	
	<i>For Elevated Installation >20' To 25', Add</i>	11.27	
	<i>For Elevated Installation >25' To 30', Add</i>	15.77	
	<i>For Elevated Installation >30' To 35', Add</i>	18.03	
	<i>For Elevated Installation >35' To 40', Add</i>	22.54	
	<i>For Elevated Installation >40', Add</i>	24.79	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0331 EA 3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	79.54	25.41
For Work In Restricted Working Space, Add	15.25	
For Elevated Installation >10' To 15', Add	5.08	
For Elevated Installation >15' To 20', Add	10.16	
For Elevated Installation >20' To 25', Add	12.71	
For Elevated Installation >25' To 30', Add	17.79	
For Elevated Installation >30' To 35', Add	20.33	
For Elevated Installation >35' To 40', Add	25.41	
For Elevated Installation >40', Add	27.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-0332 EA 4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	99.89	33.09
For Work In Restricted Working Space, Add	19.85	
For Elevated Installation >10' To 15', Add	6.62	
For Elevated Installation >15' To 20', Add	13.23	
For Elevated Installation >20' To 25', Add	16.54	
For Elevated Installation >25' To 30', Add	23.16	
For Elevated Installation >30' To 35', Add	26.46	
For Elevated Installation >35' To 40', Add	33.08	
For Elevated Installation >40', Add	36.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.85	
26 05 33 13-0333 EA 5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	149.82	45.55
For Work In Restricted Working Space, Add	27.33	
For Elevated Installation >10' To 15', Add	9.11	
For Elevated Installation >15' To 20', Add	18.22	
For Elevated Installation >20' To 25', Add	22.77	
For Elevated Installation >25' To 30', Add	31.88	
For Elevated Installation >30' To 35', Add	36.44	
For Elevated Installation >35' To 40', Add	45.55	
For Elevated Installation >40', Add	50.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.33	
26 05 33 13-0334 EA 6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	188.18	58.40
For Work In Restricted Working Space, Add	35.06	
For Elevated Installation >10' To 15', Add	11.69	
For Elevated Installation >15' To 20', Add	23.38	
For Elevated Installation >20' To 25', Add	29.22	
For Elevated Installation >25' To 30', Add	40.91	
For Elevated Installation >30' To 35', Add	46.75	
For Elevated Installation >35' To 40', Add	58.44	
For Elevated Installation >40', Add	64.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.06	
26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples <small>(26 05 33 13-0059)</small>		
26 05 33 13-0336 EA 1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	13.97	4.99
For Work In Restricted Working Space, Add	3.77	
For Elevated Installation >10' To 15', Add	1.26	
For Elevated Installation >15' To 20', Add	2.51	
For Elevated Installation >20' To 25', Add	3.14	
For Elevated Installation >25' To 30', Add	4.40	
For Elevated Installation >30' To 35', Add	5.03	
For Elevated Installation >35' To 40', Add	6.29	
For Elevated Installation >40', Add	6.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.77	
26 05 33 13-0337 EA 3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	16.46	5.75
For Work In Restricted Working Space, Add	4.29	
For Elevated Installation >10' To 15', Add	1.43	
For Elevated Installation >15' To 20', Add	2.86	
For Elevated Installation >20' To 25', Add	3.58	
For Elevated Installation >25' To 30', Add	5.01	
For Elevated Installation >30' To 35', Add	5.72	
For Elevated Installation >35' To 40', Add	7.16	
For Elevated Installation >40', Add	7.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.29	
26 05 33 13-0338 EA 1" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	20.75	7.28
For Work In Restricted Working Space, Add	5.49	
For Elevated Installation >10' To 15', Add	1.83	
For Elevated Installation >15' To 20', Add	3.66	
For Elevated Installation >20' To 25', Add	4.58	
For Elevated Installation >25' To 30', Add	6.41	
For Elevated Installation >30' To 35', Add	7.32	
For Elevated Installation >35' To 40', Add	9.15	
For Elevated Installation >40', Add	10.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.49	
26 05 33 13-0339 EA 1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	25.88	8.73
For Work In Restricted Working Space, Add	6.58	
For Elevated Installation >10' To 15', Add	2.19	
For Elevated Installation >15' To 20', Add	4.38	
For Elevated Installation >20' To 25', Add	5.48	
For Elevated Installation >25' To 30', Add	7.67	
For Elevated Installation >30' To 35', Add	8.77	
For Elevated Installation >35' To 40', Add	10.96	
For Elevated Installation >40', Add	12.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.58	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0340	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	28.33	9.59
		<i>For Work In Restricted Working Space, Add</i>	7.20	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.40	
		<i>For Elevated Installation >30' To 35', Add</i>	9.60	
		<i>For Elevated Installation >35' To 40', Add</i>	12.00	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.20	
26 05 33 13-0341	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	36.45	11.79
		<i>For Work In Restricted Working Space, Add</i>	8.87	
		<i>For Elevated Installation >10' To 15', Add</i>	2.96	
		<i>For Elevated Installation >15' To 20', Add</i>	5.91	
		<i>For Elevated Installation >20' To 25', Add</i>	7.39	
		<i>For Elevated Installation >25' To 30', Add</i>	10.34	
		<i>For Elevated Installation >30' To 35', Add</i>	11.82	
		<i>For Elevated Installation >35' To 40', Add</i>	14.78	
		<i>For Elevated Installation >40', Add</i>	16.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0342	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	59.44	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-0343	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	92.26	26.46
		<i>For Work In Restricted Working Space, Add</i>	19.85	
		<i>For Elevated Installation >10' To 15', Add</i>	6.62	
		<i>For Elevated Installation >15' To 20', Add</i>	13.23	
		<i>For Elevated Installation >20' To 25', Add</i>	16.54	
		<i>For Elevated Installation >25' To 30', Add</i>	23.16	
		<i>For Elevated Installation >30' To 35', Add</i>	26.46	
		<i>For Elevated Installation >35' To 40', Add</i>	33.08	
		<i>For Elevated Installation >40', Add</i>	36.39	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.85	
26 05 33 13-0344	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	112.98	31.26
		<i>For Work In Restricted Working Space, Add</i>	23.32	
		<i>For Elevated Installation >10' To 15', Add</i>	7.77	
		<i>For Elevated Installation >15' To 20', Add</i>	15.55	
		<i>For Elevated Installation >20' To 25', Add</i>	19.43	
		<i>For Elevated Installation >25' To 30', Add</i>	27.21	
		<i>For Elevated Installation >30' To 35', Add</i>	31.09	
		<i>For Elevated Installation >35' To 40', Add</i>	38.87	
		<i>For Elevated Installation >40', Add</i>	42.75	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.32	
26 05 33 13-0345	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	134.49	36.05
		<i>For Work In Restricted Working Space, Add</i>	27.05	
		<i>For Elevated Installation >10' To 15', Add</i>	9.02	
		<i>For Elevated Installation >15' To 20', Add</i>	18.03	
		<i>For Elevated Installation >20' To 25', Add</i>	22.54	
		<i>For Elevated Installation >25' To 30', Add</i>	31.55	
		<i>For Elevated Installation >30' To 35', Add</i>	36.06	
		<i>For Elevated Installation >35' To 40', Add</i>	45.08	
		<i>For Elevated Installation >40', Add</i>	49.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.05	
26 05 33 13-0346		Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (26 05 33 13-0059)		
		Note: Erickson fittings.		
26 05 33 13-0347	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	39.97	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.52	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.68	
		<i>For Elevated Installation >20' To 25', Add</i>	9.60	
		<i>For Elevated Installation >25' To 30', Add</i>	13.44	
		<i>For Elevated Installation >30' To 35', Add</i>	15.36	
		<i>For Elevated Installation >35' To 40', Add</i>	19.21	
		<i>For Elevated Installation >40', Add</i>	21.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.52	
26 05 33 13-0348	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	44.87	17.16
		<i>For Work In Restricted Working Space, Add</i>	12.86	
		<i>For Elevated Installation >10' To 15', Add</i>	4.29	
		<i>For Elevated Installation >15' To 20', Add</i>	8.57	
		<i>For Elevated Installation >20' To 25', Add</i>	10.72	
		<i>For Elevated Installation >25' To 30', Add</i>	15.00	
		<i>For Elevated Installation >30' To 35', Add</i>	17.14	
		<i>For Elevated Installation >35' To 40', Add</i>	21.43	
		<i>For Elevated Installation >40', Add</i>	23.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0349 EA 1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	51.45	19.08
For Work In Restricted Working Space, Add	14.33	
For Elevated Installation >10' To 15', Add	4.78	
For Elevated Installation >15' To 20', Add	9.55	
For Elevated Installation >20' To 25', Add	11.94	
For Elevated Installation >25' To 30', Add	16.71	
For Elevated Installation >30' To 35', Add	19.10	
For Elevated Installation >35' To 40', Add	23.88	
For Elevated Installation >40', Add	26.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.33	
26 05 33 13-0350 EA 1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	60.14	20.90
For Work In Restricted Working Space, Add	15.68	
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.45	
For Elevated Installation >20' To 25', Add	13.06	
For Elevated Installation >25' To 30', Add	18.29	
For Elevated Installation >30' To 35', Add	20.90	
For Elevated Installation >35' To 40', Add	26.13	
For Elevated Installation >40', Add	28.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 05 33 13-0351 EA 1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	66.62	22.83
For Work In Restricted Working Space, Add	17.15	
For Elevated Installation >10' To 15', Add	5.72	
For Elevated Installation >15' To 20', Add	11.43	
For Elevated Installation >20' To 25', Add	14.29	
For Elevated Installation >25' To 30', Add	20.01	
For Elevated Installation >30' To 35', Add	22.86	
For Elevated Installation >35' To 40', Add	28.58	
For Elevated Installation >40', Add	31.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.15	
26 05 33 13-0352 EA 2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	80.86	24.74
For Work In Restricted Working Space, Add	18.57	
For Elevated Installation >10' To 15', Add	6.19	
For Elevated Installation >15' To 20', Add	12.38	
For Elevated Installation >20' To 25', Add	15.48	
For Elevated Installation >25' To 30', Add	21.67	
For Elevated Installation >30' To 35', Add	24.76	
For Elevated Installation >35' To 40', Add	30.96	
For Elevated Installation >40', Add	34.05	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.57	
26 05 33 13-0353 EA 2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	120.61	30.68
For Work In Restricted Working Space, Add	23.02	
For Elevated Installation >10' To 15', Add	7.67	
For Elevated Installation >15' To 20', Add	15.34	
For Elevated Installation >20' To 25', Add	19.18	
For Elevated Installation >25' To 30', Add	26.85	
For Elevated Installation >30' To 35', Add	30.69	
For Elevated Installation >35' To 40', Add	38.36	
For Elevated Installation >40', Add	42.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-0354 EA 3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	162.51	38.36
For Work In Restricted Working Space, Add	28.77	
For Elevated Installation >10' To 15', Add	9.59	
For Elevated Installation >15' To 20', Add	19.18	
For Elevated Installation >20' To 25', Add	23.97	
For Elevated Installation >25' To 30', Add	33.56	
For Elevated Installation >30' To 35', Add	38.36	
For Elevated Installation >35' To 40', Add	47.95	
For Elevated Installation >40', Add	52.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.77	
26 05 33 13-0355 EA 3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	226.08	46.03
For Work In Restricted Working Space, Add	34.53	
For Elevated Installation >10' To 15', Add	11.51	
For Elevated Installation >15' To 20', Add	23.02	
For Elevated Installation >20' To 25', Add	28.78	
For Elevated Installation >25' To 30', Add	40.29	
For Elevated Installation >30' To 35', Add	46.04	
For Elevated Installation >35' To 40', Add	57.56	
For Elevated Installation >40', Add	63.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.53	
26 05 33 13-0356 EA 4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	255.14	49.86
For Work In Restricted Working Space, Add	37.40	
For Elevated Installation >10' To 15', Add	12.47	
For Elevated Installation >15' To 20', Add	24.93	
For Elevated Installation >20' To 25', Add	31.16	
For Elevated Installation >25' To 30', Add	43.63	
For Elevated Installation >30' To 35', Add	49.86	
For Elevated Installation >35' To 40', Add	62.33	
For Elevated Installation >40', Add	68.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.40	
26 05 33 13-0357 EA 5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	421.24	61.37
For Work In Restricted Working Space, Add	46.03	
For Elevated Installation >10' To 15', Add	15.34	
For Elevated Installation >15' To 20', Add	30.68	
For Elevated Installation >20' To 25', Add	38.36	
For Elevated Installation >25' To 30', Add	53.70	
For Elevated Installation >30' To 35', Add	61.37	
For Elevated Installation >35' To 40', Add	76.71	
For Elevated Installation >40', Add	84.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.03	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0358	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	534.37	70.96
		<i>For Work In Restricted Working Space, Add</i>	53.22	
		<i>For Elevated Installation >10' To 15', Add</i>	17.74	
		<i>For Elevated Installation >15' To 20', Add</i>	35.48	
		<i>For Elevated Installation >20' To 25', Add</i>	44.35	
		<i>For Elevated Installation >25' To 30', Add</i>	62.09	
		<i>For Elevated Installation >30' To 35', Add</i>	70.96	
		<i>For Elevated Installation >35' To 40', Add</i>	88.70	
		<i>For Elevated Installation >40', Add</i>	97.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.22	

26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors

(26 05 33 13-0059)

26 05 33 13-0360	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	22.94	7.68
		<i>For Work In Restricted Working Space, Add</i>	5.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.92	
		<i>For Elevated Installation >15' To 20', Add</i>	3.84	
		<i>For Elevated Installation >20' To 25', Add</i>	4.80	
		<i>For Elevated Installation >25' To 30', Add</i>	6.71	
		<i>For Elevated Installation >30' To 35', Add</i>	7.67	
		<i>For Elevated Installation >35' To 40', Add</i>	9.59	
		<i>For Elevated Installation >40', Add</i>	10.55	
26 05 33 13-0361	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	25.55	8.44
		<i>For Work In Restricted Working Space, Add</i>	6.33	
		<i>For Elevated Installation >10' To 15', Add</i>	2.11	
		<i>For Elevated Installation >15' To 20', Add</i>	4.22	
		<i>For Elevated Installation >20' To 25', Add</i>	5.28	
		<i>For Elevated Installation >25' To 30', Add</i>	7.39	
		<i>For Elevated Installation >30' To 35', Add</i>	8.44	
		<i>For Elevated Installation >35' To 40', Add</i>	10.55	
		<i>For Elevated Installation >40', Add</i>	11.61	
26 05 33 13-0362	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	29.28	9.59
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
26 05 33 13-0363	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	32.89	10.36
		<i>For Work In Restricted Working Space, Add</i>	7.77	
		<i>For Elevated Installation >10' To 15', Add</i>	2.59	
		<i>For Elevated Installation >15' To 20', Add</i>	5.18	
		<i>For Elevated Installation >20' To 25', Add</i>	6.47	
		<i>For Elevated Installation >25' To 30', Add</i>	9.06	
		<i>For Elevated Installation >30' To 35', Add</i>	10.36	
		<i>For Elevated Installation >35' To 40', Add</i>	12.95	
		<i>For Elevated Installation >40', Add</i>	14.24	
26 05 33 13-0364	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	38.53	11.50
		<i>For Work In Restricted Working Space, Add</i>	8.63	
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.75	
		<i>For Elevated Installation >20' To 25', Add</i>	7.19	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.82	
26 05 33 13-0365	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	46.06	12.66
		<i>For Work In Restricted Working Space, Add</i>	9.49	
		<i>For Elevated Installation >10' To 15', Add</i>	3.16	
		<i>For Elevated Installation >15' To 20', Add</i>	6.33	
		<i>For Elevated Installation >20' To 25', Add</i>	7.91	
		<i>For Elevated Installation >25' To 30', Add</i>	11.07	
		<i>For Elevated Installation >30' To 35', Add</i>	12.66	
		<i>For Elevated Installation >35' To 40', Add</i>	15.82	
		<i>For Elevated Installation >40', Add</i>	17.40	
26 05 33 13-0366	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	61.48	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.51	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.67	
		<i>For Elevated Installation >20' To 25', Add</i>	9.59	
		<i>For Elevated Installation >25' To 30', Add</i>	13.43	
		<i>For Elevated Installation >30' To 35', Add</i>	15.34	
		<i>For Elevated Installation >35' To 40', Add</i>	19.18	
		<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0367	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	76.16	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0368 EA 3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	91.48	23.02
For Work In Restricted Working Space, Add	17.26	
For Elevated Installation >10' To 15', Add	5.75	
For Elevated Installation >15' To 20', Add	11.51	
For Elevated Installation >20' To 25', Add	14.39	
For Elevated Installation >25' To 30', Add	20.14	
For Elevated Installation >30' To 35', Add	23.02	
For Elevated Installation >35' To 40', Add	28.77	
For Elevated Installation >40', Add	31.65	
26 05 33 13-0369 EA 4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	102.64	24.93
For Work In Restricted Working Space, Add	18.70	
For Elevated Installation >10' To 15', Add	6.23	
For Elevated Installation >15' To 20', Add	12.47	
For Elevated Installation >20' To 25', Add	15.59	
For Elevated Installation >25' To 30', Add	21.82	
For Elevated Installation >30' To 35', Add	24.94	
For Elevated Installation >35' To 40', Add	31.17	
For Elevated Installation >40', Add	34.29	
26 05 33 13-0370 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs (26 05 33 13-0059)		
26 05 33 13-0371 EA 1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	20.03	8.63
For Work In Restricted Working Space, Add	5.18	
For Elevated Installation >10' To 15', Add	1.73	
For Elevated Installation >15' To 20', Add	3.45	
For Elevated Installation >20' To 25', Add	4.32	
For Elevated Installation >25' To 30', Add	6.04	
For Elevated Installation >30' To 35', Add	6.91	
For Elevated Installation >35' To 40', Add	8.64	
For Elevated Installation >40', Add	9.50	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-0372 EA 3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	22.29	9.59
For Work In Restricted Working Space, Add	5.75	
For Elevated Installation >10' To 15', Add	1.92	
For Elevated Installation >15' To 20', Add	3.84	
For Elevated Installation >20' To 25', Add	4.80	
For Elevated Installation >25' To 30', Add	6.71	
For Elevated Installation >30' To 35', Add	7.67	
For Elevated Installation >35' To 40', Add	9.59	
For Elevated Installation >40', Add	10.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.75	
26 05 33 13-0373 EA 1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	27.63	11.98
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.80	
For Elevated Installation >20' To 25', Add	6.00	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0374 EA 1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	33.73	14.39
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.63	
26 05 33 13-0375 EA 1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	43.81	19.18
For Work In Restricted Working Space, Add	11.51	
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.34	
For Elevated Installation >35' To 40', Add	19.18	
For Elevated Installation >40', Add	21.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.51	
26 05 33 13-0376 EA 2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	50.44	21.57
For Work In Restricted Working Space, Add	12.95	
For Elevated Installation >10' To 15', Add	4.32	
For Elevated Installation >15' To 20', Add	8.63	
For Elevated Installation >20' To 25', Add	10.79	
For Elevated Installation >25' To 30', Add	15.11	
For Elevated Installation >30' To 35', Add	17.26	
For Elevated Installation >35' To 40', Add	21.58	
For Elevated Installation >40', Add	23.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.95	
26 05 33 13-0377 EA 2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	60.32	23.98
For Work In Restricted Working Space, Add	14.39	
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.78	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0378	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	79.79	30.21
		<i>For Work In Restricted Working Space, Add</i>	18.12	
		<i>For Elevated Installation >10' To 15', Add</i>	6.04	
		<i>For Elevated Installation >15' To 20', Add</i>	12.08	
		<i>For Elevated Installation >20' To 25', Add</i>	15.10	
		<i>For Elevated Installation >25' To 30', Add</i>	21.14	
		<i>For Elevated Installation >30' To 35', Add</i>	24.16	
		<i>For Elevated Installation >35' To 40', Add</i>	30.21	
		<i>For Elevated Installation >40', Add</i>	33.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.12	
26 05 33 13-0379	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	95.14	36.44
		<i>For Work In Restricted Working Space, Add</i>	21.86	
		<i>For Elevated Installation >10' To 15', Add</i>	7.29	
		<i>For Elevated Installation >15' To 20', Add</i>	14.58	
		<i>For Elevated Installation >20' To 25', Add</i>	18.22	
		<i>For Elevated Installation >25' To 30', Add</i>	25.51	
		<i>For Elevated Installation >30' To 35', Add</i>	29.15	
		<i>For Elevated Installation >35' To 40', Add</i>	36.44	
		<i>For Elevated Installation >40', Add</i>	40.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.86	
26 05 33 13-0380	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	115.65	43.16
		<i>For Work In Restricted Working Space, Add</i>	25.89	
		<i>For Elevated Installation >10' To 15', Add</i>	8.63	
		<i>For Elevated Installation >15' To 20', Add</i>	17.26	
		<i>For Elevated Installation >20' To 25', Add</i>	21.58	
		<i>For Elevated Installation >25' To 30', Add</i>	30.21	
		<i>For Elevated Installation >30' To 35', Add</i>	34.52	
		<i>For Elevated Installation >35' To 40', Add</i>	43.16	
		<i>For Elevated Installation >40', Add</i>	47.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.89	
26 05 33 13-0381		Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement <small>(26 05 33 13-0059)</small>		
		Note: Type AX		
26 05 33 13-0382	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	98.40	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.51	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.67	
		<i>For Elevated Installation >20' To 25', Add</i>	9.59	
		<i>For Elevated Installation >25' To 30', Add</i>	13.43	
		<i>For Elevated Installation >30' To 35', Add</i>	15.35	
		<i>For Elevated Installation >35' To 40', Add</i>	19.19	
		<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0383	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	111.67	17.27
		<i>For Work In Restricted Working Space, Add</i>	12.95	
		<i>For Elevated Installation >10' To 15', Add</i>	4.32	
		<i>For Elevated Installation >15' To 20', Add</i>	8.63	
		<i>For Elevated Installation >20' To 25', Add</i>	10.79	
		<i>For Elevated Installation >25' To 30', Add</i>	15.10	
		<i>For Elevated Installation >30' To 35', Add</i>	17.26	
		<i>For Elevated Installation >35' To 40', Add</i>	21.58	
		<i>For Elevated Installation >40', Add</i>	23.73	
26 05 33 13-0384	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	132.26	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.79	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.38	
26 05 33 13-0385	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	161.94	21.09
		<i>For Work In Restricted Working Space, Add</i>	15.83	
		<i>For Elevated Installation >10' To 15', Add</i>	5.28	
		<i>For Elevated Installation >15' To 20', Add</i>	10.55	
		<i>For Elevated Installation >20' To 25', Add</i>	13.19	
		<i>For Elevated Installation >25' To 30', Add</i>	18.46	
		<i>For Elevated Installation >30' To 35', Add</i>	21.10	
		<i>For Elevated Installation >35' To 40', Add</i>	26.38	
		<i>For Elevated Installation >40', Add</i>	29.01	
26 05 33 13-0386	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	203.47	23.02
		<i>For Work In Restricted Working Space, Add</i>	17.26	
		<i>For Elevated Installation >10' To 15', Add</i>	5.75	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.77	
		<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0387	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	281.22	24.93
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.58	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.93	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0388	EA		2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	430.56	30.68
			<i>For Work In Restricted Working Space, Add</i>	23.02	
			<i>For Elevated Installation >10' To 15', Add</i>	7.67	
			<i>For Elevated Installation >15' To 20', Add</i>	15.34	
			<i>For Elevated Installation >20' To 25', Add</i>	19.18	
			<i>For Elevated Installation >25' To 30', Add</i>	26.85	
			<i>For Elevated Installation >30' To 35', Add</i>	30.69	
			<i>For Elevated Installation >35' To 40', Add</i>	38.36	
			<i>For Elevated Installation >40', Add</i>	42.20	
26 05 33 13-0389	EA		3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	551.63	38.36
			<i>For Work In Restricted Working Space, Add</i>	28.77	
			<i>For Elevated Installation >10' To 15', Add</i>	9.59	
			<i>For Elevated Installation >15' To 20', Add</i>	19.18	
			<i>For Elevated Installation >20' To 25', Add</i>	23.97	
			<i>For Elevated Installation >25' To 30', Add</i>	33.56	
			<i>For Elevated Installation >30' To 35', Add</i>	38.36	
			<i>For Elevated Installation >35' To 40', Add</i>	47.95	
			<i>For Elevated Installation >40', Add</i>	52.74	
26 05 33 13-0390	EA		3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	805.22	46.03
			<i>For Work In Restricted Working Space, Add</i>	34.52	
			<i>For Elevated Installation >10' To 15', Add</i>	11.51	
			<i>For Elevated Installation >15' To 20', Add</i>	23.02	
			<i>For Elevated Installation >20' To 25', Add</i>	28.77	
			<i>For Elevated Installation >25' To 30', Add</i>	40.28	
			<i>For Elevated Installation >30' To 35', Add</i>	46.03	
			<i>For Elevated Installation >35' To 40', Add</i>	57.54	
			<i>For Elevated Installation >40', Add</i>	63.29	
26 05 33 13-0391	EA		4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	858.36	49.86
			<i>For Work In Restricted Working Space, Add</i>	37.40	
			<i>For Elevated Installation >10' To 15', Add</i>	12.47	
			<i>For Elevated Installation >15' To 20', Add</i>	24.93	
			<i>For Elevated Installation >20' To 25', Add</i>	31.16	
			<i>For Elevated Installation >25' To 30', Add</i>	43.63	
			<i>For Elevated Installation >30' To 35', Add</i>	49.86	
			<i>For Elevated Installation >35' To 40', Add</i>	62.33	
			<i>For Elevated Installation >40', Add</i>	68.56	
26 05 33 13-0392	EA		5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,314.64	61.37
			<i>For Work In Restricted Working Space, Add</i>	46.03	
			<i>For Elevated Installation >10' To 15', Add</i>	15.34	
			<i>For Elevated Installation >15' To 20', Add</i>	30.69	
			<i>For Elevated Installation >20' To 25', Add</i>	38.36	
			<i>For Elevated Installation >25' To 30', Add</i>	53.70	
			<i>For Elevated Installation >30' To 35', Add</i>	61.37	
			<i>For Elevated Installation >35' To 40', Add</i>	76.72	
			<i>For Elevated Installation >40', Add</i>	84.39	
26 05 33 13-0393	EA		6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,614.89	68.09
			<i>For Work In Restricted Working Space, Add</i>	51.10	
			<i>For Elevated Installation >10' To 15', Add</i>	17.03	
			<i>For Elevated Installation >15' To 20', Add</i>	34.06	
			<i>For Elevated Installation >20' To 25', Add</i>	42.58	
			<i>For Elevated Installation >25' To 30', Add</i>	59.61	
			<i>For Elevated Installation >30' To 35', Add</i>	68.13	
			<i>For Elevated Installation >35' To 40', Add</i>	85.16	
			<i>For Elevated Installation >40', Add</i>	93.68	

26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement (26 05 33 13-0059)

Note: Type AX-8

26 05 33 13-0395	EA		1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	108.43	15.34
			<i>For Work In Restricted Working Space, Add</i>	11.51	
			<i>For Elevated Installation >10' To 15', Add</i>	3.84	
			<i>For Elevated Installation >15' To 20', Add</i>	7.67	
			<i>For Elevated Installation >20' To 25', Add</i>	9.59	
			<i>For Elevated Installation >25' To 30', Add</i>	13.43	
			<i>For Elevated Installation >30' To 35', Add</i>	15.35	
			<i>For Elevated Installation >35' To 40', Add</i>	19.19	
			<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0396	EA		3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	120.57	17.27
			<i>For Work In Restricted Working Space, Add</i>	12.95	
			<i>For Elevated Installation >10' To 15', Add</i>	4.32	
			<i>For Elevated Installation >15' To 20', Add</i>	8.63	
			<i>For Elevated Installation >20' To 25', Add</i>	10.79	
			<i>For Elevated Installation >25' To 30', Add</i>	15.10	
			<i>For Elevated Installation >30' To 35', Add</i>	17.26	
			<i>For Elevated Installation >35' To 40', Add</i>	21.58	
			<i>For Elevated Installation >40', Add</i>	23.73	
26 05 33 13-0397	EA		1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	146.21	19.18
			<i>For Work In Restricted Working Space, Add</i>	14.39	
			<i>For Elevated Installation >10' To 15', Add</i>	4.80	
			<i>For Elevated Installation >15' To 20', Add</i>	9.59	
			<i>For Elevated Installation >20' To 25', Add</i>	11.99	
			<i>For Elevated Installation >25' To 30', Add</i>	16.79	
			<i>For Elevated Installation >30' To 35', Add</i>	19.18	
			<i>For Elevated Installation >35' To 40', Add</i>	23.98	
			<i>For Elevated Installation >40', Add</i>	26.38	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0398	EA		1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	183.91	21.09
			<i>For Work In Restricted Working Space, Add</i>	15.83	
			<i>For Elevated Installation >10' To 15', Add</i>	5.28	
			<i>For Elevated Installation >15' To 20', Add</i>	10.55	
			<i>For Elevated Installation >20' To 25', Add</i>	13.19	
			<i>For Elevated Installation >25' To 30', Add</i>	18.46	
			<i>For Elevated Installation >30' To 35', Add</i>	21.10	
			<i>For Elevated Installation >35' To 40', Add</i>	26.38	
			<i>For Elevated Installation >40', Add</i>	29.01	
26 05 33 13-0399	EA		1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	247.13	23.02
			<i>For Work In Restricted Working Space, Add</i>	17.26	
			<i>For Elevated Installation >10' To 15', Add</i>	5.75	
			<i>For Elevated Installation >15' To 20', Add</i>	11.51	
			<i>For Elevated Installation >20' To 25', Add</i>	14.39	
			<i>For Elevated Installation >25' To 30', Add</i>	20.14	
			<i>For Elevated Installation >30' To 35', Add</i>	23.02	
			<i>For Elevated Installation >35' To 40', Add</i>	28.77	
			<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0400	EA		2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	302.08	24.93
			<i>For Work In Restricted Working Space, Add</i>	18.70	
			<i>For Elevated Installation >10' To 15', Add</i>	6.23	
			<i>For Elevated Installation >15' To 20', Add</i>	12.47	
			<i>For Elevated Installation >20' To 25', Add</i>	15.58	
			<i>For Elevated Installation >25' To 30', Add</i>	21.82	
			<i>For Elevated Installation >30' To 35', Add</i>	24.93	
			<i>For Elevated Installation >35' To 40', Add</i>	31.17	
			<i>For Elevated Installation >40', Add</i>	34.28	
26 05 33 13-0401	EA		2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	565.81	30.68
			<i>For Work In Restricted Working Space, Add</i>	23.02	
			<i>For Elevated Installation >10' To 15', Add</i>	7.67	
			<i>For Elevated Installation >15' To 20', Add</i>	15.34	
			<i>For Elevated Installation >20' To 25', Add</i>	19.18	
			<i>For Elevated Installation >25' To 30', Add</i>	26.85	
			<i>For Elevated Installation >30' To 35', Add</i>	30.69	
			<i>For Elevated Installation >35' To 40', Add</i>	38.36	
			<i>For Elevated Installation >40', Add</i>	42.20	
26 05 33 13-0402	EA		3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	643.98	38.36
			<i>For Work In Restricted Working Space, Add</i>	28.77	
			<i>For Elevated Installation >10' To 15', Add</i>	9.59	
			<i>For Elevated Installation >15' To 20', Add</i>	19.18	
			<i>For Elevated Installation >20' To 25', Add</i>	23.97	
			<i>For Elevated Installation >25' To 30', Add</i>	33.56	
			<i>For Elevated Installation >30' To 35', Add</i>	38.36	
			<i>For Elevated Installation >35' To 40', Add</i>	47.95	
			<i>For Elevated Installation >40', Add</i>	52.74	
26 05 33 13-0403	EA		3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	987.72	46.03
			<i>For Work In Restricted Working Space, Add</i>	34.52	
			<i>For Elevated Installation >10' To 15', Add</i>	11.51	
			<i>For Elevated Installation >15' To 20', Add</i>	23.02	
			<i>For Elevated Installation >20' To 25', Add</i>	28.77	
			<i>For Elevated Installation >25' To 30', Add</i>	40.28	
			<i>For Elevated Installation >30' To 35', Add</i>	46.03	
			<i>For Elevated Installation >35' To 40', Add</i>	57.54	
			<i>For Elevated Installation >40', Add</i>	63.29	
26 05 33 13-0404	EA		4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,069.30	49.86
			<i>For Work In Restricted Working Space, Add</i>	37.40	
			<i>For Elevated Installation >10' To 15', Add</i>	12.47	
			<i>For Elevated Installation >15' To 20', Add</i>	24.93	
			<i>For Elevated Installation >20' To 25', Add</i>	31.16	
			<i>For Elevated Installation >25' To 30', Add</i>	43.63	
			<i>For Elevated Installation >30' To 35', Add</i>	49.86	
			<i>For Elevated Installation >35' To 40', Add</i>	62.33	
			<i>For Elevated Installation >40', Add</i>	68.56	
26 05 33 13-0405	EA		5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,492.45	61.37
			<i>For Work In Restricted Working Space, Add</i>	46.03	
			<i>For Elevated Installation >10' To 15', Add</i>	15.34	
			<i>For Elevated Installation >15' To 20', Add</i>	30.69	
			<i>For Elevated Installation >20' To 25', Add</i>	38.36	
			<i>For Elevated Installation >25' To 30', Add</i>	53.70	
			<i>For Elevated Installation >30' To 35', Add</i>	61.37	
			<i>For Elevated Installation >35' To 40', Add</i>	76.72	
			<i>For Elevated Installation >40', Add</i>	84.39	
26 05 33 13-0406	EA		6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,843.66	68.09
			<i>For Work In Restricted Working Space, Add</i>	51.10	
			<i>For Elevated Installation >10' To 15', Add</i>	17.03	
			<i>For Elevated Installation >15' To 20', Add</i>	34.06	
			<i>For Elevated Installation >20' To 25', Add</i>	42.58	
			<i>For Elevated Installation >25' To 30', Add</i>	59.61	
			<i>For Elevated Installation >30' To 35', Add</i>	68.13	
			<i>For Elevated Installation >35' To 40', Add</i>	85.16	
			<i>For Elevated Installation >40', Add</i>	93.68	

26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement (26 05 33 13-0059)

Note: Type EX

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0408 EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	123.12	15.34
For Work In Restricted Working Space, Add	11.51	
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.35	
For Elevated Installation >35' To 40', Add	19.19	
For Elevated Installation >40', Add	21.10	
26 05 33 13-0409 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	155.19	17.27
For Work In Restricted Working Space, Add	12.95	
For Elevated Installation >10' To 15', Add	4.32	
For Elevated Installation >15' To 20', Add	8.63	
For Elevated Installation >20' To 25', Add	10.79	
For Elevated Installation >25' To 30', Add	15.10	
For Elevated Installation >30' To 35', Add	17.26	
For Elevated Installation >35' To 40', Add	21.58	
For Elevated Installation >40', Add	23.73	
26 05 33 13-0410 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	192.99	19.18
For Work In Restricted Working Space, Add	14.39	
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.79	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.38	
26 05 33 13-0411 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	234.57	21.09
For Work In Restricted Working Space, Add	15.83	
For Elevated Installation >10' To 15', Add	5.28	
For Elevated Installation >15' To 20', Add	10.55	
For Elevated Installation >20' To 25', Add	13.19	
For Elevated Installation >25' To 30', Add	18.46	
For Elevated Installation >30' To 35', Add	21.10	
For Elevated Installation >35' To 40', Add	26.38	
For Elevated Installation >40', Add	29.01	
26 05 33 13-0412 EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	315.71	23.02
For Work In Restricted Working Space, Add	17.26	
For Elevated Installation >10' To 15', Add	5.75	
For Elevated Installation >15' To 20', Add	11.51	
For Elevated Installation >20' To 25', Add	14.39	
For Elevated Installation >25' To 30', Add	20.14	
For Elevated Installation >30' To 35', Add	23.02	
For Elevated Installation >35' To 40', Add	28.77	
For Elevated Installation >40', Add	31.65	
26 05 33 13-0413 EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	434.62	24.93
For Work In Restricted Working Space, Add	18.70	
For Elevated Installation >10' To 15', Add	6.23	
For Elevated Installation >15' To 20', Add	12.47	
For Elevated Installation >20' To 25', Add	15.58	
For Elevated Installation >25' To 30', Add	21.82	
For Elevated Installation >30' To 35', Add	24.93	
For Elevated Installation >35' To 40', Add	31.17	
For Elevated Installation >40', Add	34.28	
26 05 33 13-0414 EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	674.93	30.68
For Work In Restricted Working Space, Add	23.02	
For Elevated Installation >10' To 15', Add	7.67	
For Elevated Installation >15' To 20', Add	15.34	
For Elevated Installation >20' To 25', Add	19.18	
For Elevated Installation >25' To 30', Add	26.85	
For Elevated Installation >30' To 35', Add	30.69	
For Elevated Installation >35' To 40', Add	38.36	
For Elevated Installation >40', Add	42.20	
26 05 33 13-0415 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	909.66	38.36
For Work In Restricted Working Space, Add	28.77	
For Elevated Installation >10' To 15', Add	9.59	
For Elevated Installation >15' To 20', Add	19.18	
For Elevated Installation >20' To 25', Add	23.97	
For Elevated Installation >25' To 30', Add	33.56	
For Elevated Installation >30' To 35', Add	38.36	
For Elevated Installation >35' To 40', Add	47.95	
For Elevated Installation >40', Add	52.74	
26 05 33 13-0416 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,365.60	46.03
For Work In Restricted Working Space, Add	34.52	
For Elevated Installation >10' To 15', Add	11.51	
For Elevated Installation >15' To 20', Add	23.02	
For Elevated Installation >20' To 25', Add	28.77	
For Elevated Installation >25' To 30', Add	40.28	
For Elevated Installation >30' To 35', Add	46.03	
For Elevated Installation >35' To 40', Add	57.54	
For Elevated Installation >40', Add	63.29	
26 05 33 13-0417 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,413.50	49.86
For Work In Restricted Working Space, Add	37.40	
For Elevated Installation >10' To 15', Add	12.47	
For Elevated Installation >15' To 20', Add	24.93	
For Elevated Installation >20' To 25', Add	31.16	
For Elevated Installation >25' To 30', Add	43.63	
For Elevated Installation >30' To 35', Add	49.86	
For Elevated Installation >35' To 40', Add	62.33	
For Elevated Installation >40', Add	68.56	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0418	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,126.92	61.37
		<i>For Work In Restricted Working Space, Add</i>	46.03	
		<i>For Elevated Installation >10' To 15', Add</i>	15.34	
		<i>For Elevated Installation >15' To 20', Add</i>	30.69	
		<i>For Elevated Installation >20' To 25', Add</i>	38.36	
		<i>For Elevated Installation >25' To 30', Add</i>	53.70	
		<i>For Elevated Installation >30' To 35', Add</i>	61.37	
		<i>For Elevated Installation >35' To 40', Add</i>	76.72	
		<i>For Elevated Installation >40', Add</i>	84.39	
26 05 33 13-0419	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,636.54	68.09
		<i>For Work In Restricted Working Space, Add</i>	51.10	
		<i>For Elevated Installation >10' To 15', Add</i>	17.03	
		<i>For Elevated Installation >15' To 20', Add</i>	34.06	
		<i>For Elevated Installation >20' To 25', Add</i>	42.58	
		<i>For Elevated Installation >25' To 30', Add</i>	59.61	
		<i>For Elevated Installation >30' To 35', Add</i>	68.13	
		<i>For Elevated Installation >35' To 40', Add</i>	85.16	
		<i>For Elevated Installation >40', Add</i>	93.68	

26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings

(26 05 33 13-0059)

Note: Type DX

26 05 33 13-0421	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	213.69	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.51	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.67	
		<i>For Elevated Installation >20' To 25', Add</i>	9.59	
		<i>For Elevated Installation >25' To 30', Add</i>	13.43	
		<i>For Elevated Installation >30' To 35', Add</i>	15.35	
		<i>For Elevated Installation >35' To 40', Add</i>	19.19	
		<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0422	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	254.51	17.27
		<i>For Work In Restricted Working Space, Add</i>	12.95	
		<i>For Elevated Installation >10' To 15', Add</i>	4.32	
		<i>For Elevated Installation >15' To 20', Add</i>	8.63	
		<i>For Elevated Installation >20' To 25', Add</i>	10.79	
		<i>For Elevated Installation >25' To 30', Add</i>	15.10	
		<i>For Elevated Installation >30' To 35', Add</i>	17.26	
		<i>For Elevated Installation >35' To 40', Add</i>	21.58	
		<i>For Elevated Installation >40', Add</i>	23.73	
26 05 33 13-0423	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	307.61	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.79	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.38	
26 05 33 13-0424	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	361.57	21.09
		<i>For Work In Restricted Working Space, Add</i>	15.83	
		<i>For Elevated Installation >10' To 15', Add</i>	5.28	
		<i>For Elevated Installation >15' To 20', Add</i>	10.55	
		<i>For Elevated Installation >20' To 25', Add</i>	13.19	
		<i>For Elevated Installation >25' To 30', Add</i>	18.46	
		<i>For Elevated Installation >30' To 35', Add</i>	21.10	
		<i>For Elevated Installation >35' To 40', Add</i>	26.38	
		<i>For Elevated Installation >40', Add</i>	29.01	
26 05 33 13-0425	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	399.82	23.02
		<i>For Work In Restricted Working Space, Add</i>	17.26	
		<i>For Elevated Installation >10' To 15', Add</i>	5.75	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.77	
		<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0426	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	494.02	24.93
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.58	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.93	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.28	
26 05 33 13-0427	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	652.87	30.68
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0428 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	827.94	38.36
For Work In Restricted Working Space, Add	28.77	
For Elevated Installation >10' To 15', Add	9.59	
For Elevated Installation >15' To 20', Add	19.18	
For Elevated Installation >20' To 25', Add	23.97	
For Elevated Installation >25' To 30', Add	33.56	
For Elevated Installation >30' To 35', Add	38.36	
For Elevated Installation >35' To 40', Add	47.95	
For Elevated Installation >40', Add	52.74	
26 05 33 13-0429 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	931.70	46.03
For Work In Restricted Working Space, Add	34.52	
For Elevated Installation >10' To 15', Add	11.51	
For Elevated Installation >15' To 20', Add	23.02	
For Elevated Installation >20' To 25', Add	28.77	
For Elevated Installation >25' To 30', Add	40.28	
For Elevated Installation >30' To 35', Add	46.03	
For Elevated Installation >35' To 40', Add	57.54	
For Elevated Installation >40', Add	63.29	
26 05 33 13-0430 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,129.58	49.86
For Work In Restricted Working Space, Add	37.40	
For Elevated Installation >10' To 15', Add	12.47	
For Elevated Installation >15' To 20', Add	24.93	
For Elevated Installation >20' To 25', Add	31.16	
For Elevated Installation >25' To 30', Add	43.63	
For Elevated Installation >30' To 35', Add	49.86	
For Elevated Installation >35' To 40', Add	62.33	
For Elevated Installation >40', Add	68.56	
26 05 33 13-0431 EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,931.14	61.37
For Work In Restricted Working Space, Add	46.03	
For Elevated Installation >10' To 15', Add	15.34	
For Elevated Installation >15' To 20', Add	30.69	
For Elevated Installation >20' To 25', Add	38.36	
For Elevated Installation >25' To 30', Add	53.70	
For Elevated Installation >30' To 35', Add	61.37	
For Elevated Installation >35' To 40', Add	76.72	
For Elevated Installation >40', Add	84.39	
26 05 33 13-0432 EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	3,069.51	68.09
For Work In Restricted Working Space, Add	51.10	
For Elevated Installation >10' To 15', Add	17.03	
For Elevated Installation >15' To 20', Add	34.06	
For Elevated Installation >20' To 25', Add	42.58	
For Elevated Installation >25' To 30', Add	59.61	
For Elevated Installation >30' To 35', Add	68.13	
For Elevated Installation >35' To 40', Add	85.16	
For Elevated Installation >40', Add	93.68	
 26 05 33 13-0433 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers (26 05 33 13-0059)		
26 05 33 13-0434 EA 1/2" To 3/4" Conduit, 14" Bonding Jumper	55.33	7.68
For Work In Restricted Working Space, Add	5.75	
For Elevated Installation >10' To 15', Add	1.92	
For Elevated Installation >15' To 20', Add	3.84	
For Elevated Installation >20' To 25', Add	4.80	
For Elevated Installation >25' To 30', Add	6.71	
For Elevated Installation >30' To 35', Add	7.67	
For Elevated Installation >35' To 40', Add	9.59	
For Elevated Installation >40', Add	10.55	
26 05 33 13-0435 EA 1" To 1-1/4" Conduit, 14" Bonding Jumper	63.78	9.59
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.80	
For Elevated Installation >20' To 25', Add	6.00	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.19	
26 05 33 13-0436 EA 1-1/2" To 2" Conduit, 14" Bonding Jumper	78.61	11.50
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
26 05 33 13-0437 EA 2-1/2" To 3" Conduit, 14" Bonding Jumper	110.38	15.34
For Work In Restricted Working Space, Add	11.51	
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.34	
For Elevated Installation >35' To 40', Add	19.18	
For Elevated Installation >40', Add	21.10	

26 **Electrical**

26 05 **Common Work Results For Electrical**

26 05 33 **Raceway And Boxes For Electrical Systems**



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
26 05 33 13-0438	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	167.24	23.02
		<i>For Work In Restricted Working Space, Add</i>	17.27	
		<i>For Elevated Installation >10' To 15', Add</i>	5.76	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.78	
		<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0439	EA	5" To 6" Conduit, 14" Bonding Jumper.....	285.12	30.68
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	
26 05 33 13-0440	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper.....	61.52	7.68
		<i>For Work In Restricted Working Space, Add</i>	5.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.92	
		<i>For Elevated Installation >15' To 20', Add</i>	3.84	
		<i>For Elevated Installation >20' To 25', Add</i>	4.80	
		<i>For Elevated Installation >25' To 30', Add</i>	6.71	
		<i>For Elevated Installation >30' To 35', Add</i>	7.67	
		<i>For Elevated Installation >35' To 40', Add</i>	9.59	
		<i>For Elevated Installation >40', Add</i>	10.55	
26 05 33 13-0441	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	71.60	9.59
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
26 05 33 13-0442	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	85.77	11.50
		<i>For Work In Restricted Working Space, Add</i>	8.63	
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.75	
		<i>For Elevated Installation >20' To 25', Add</i>	7.19	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.82	
26 05 33 13-0443	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	119.90	15.34
		<i>For Work In Restricted Working Space, Add</i>	11.51	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.67	
		<i>For Elevated Installation >20' To 25', Add</i>	9.59	
		<i>For Elevated Installation >25' To 30', Add</i>	13.43	
		<i>For Elevated Installation >30' To 35', Add</i>	15.34	
		<i>For Elevated Installation >35' To 40', Add</i>	19.18	
		<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0444	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	179.85	23.02
		<i>For Work In Restricted Working Space, Add</i>	17.27	
		<i>For Elevated Installation >10' To 15', Add</i>	5.76	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.78	
		<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0445	EA	5" To 6" Conduit, 24" Bonding Jumper.....	325.81	30.68
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	
26 05 33 13-0446		Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0059)</small>		
26 05 33 13-0447	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	74.07	23.98
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST
26 05 33 13-0448	EA 3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	88.21	28.77
	For Work In Restricted Working Space, Add	17.26	
	For Elevated Installation >10' To 15', Add	5.75	
	For Elevated Installation >15' To 20', Add	11.51	
	For Elevated Installation >20' To 25', Add	14.39	
	For Elevated Installation >25' To 30', Add	20.14	
	For Elevated Installation >30' To 35', Add	23.02	
	For Elevated Installation >35' To 40', Add	28.77	
	For Elevated Installation >40', Add	31.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.26	
26 05 33 13-0449	EA 1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	106.55	33.57
	For Work In Restricted Working Space, Add	20.14	
	For Elevated Installation >10' To 15', Add	6.71	
	For Elevated Installation >15' To 20', Add	13.43	
	For Elevated Installation >20' To 25', Add	16.78	
	For Elevated Installation >25' To 30', Add	23.50	
	For Elevated Installation >30' To 35', Add	26.85	
	For Elevated Installation >35' To 40', Add	33.57	
	For Elevated Installation >40', Add	36.92	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.14	
26 05 33 13-0450	EA 1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	124.59	38.36
	For Work In Restricted Working Space, Add	23.02	
	For Elevated Installation >10' To 15', Add	7.67	
	For Elevated Installation >15' To 20', Add	15.34	
	For Elevated Installation >20' To 25', Add	19.18	
	For Elevated Installation >25' To 30', Add	26.85	
	For Elevated Installation >30' To 35', Add	30.69	
	For Elevated Installation >35' To 40', Add	38.36	
	For Elevated Installation >40', Add	42.20	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-0451	EA 1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	158.38	43.16
	For Work In Restricted Working Space, Add	25.89	
	For Elevated Installation >10' To 15', Add	8.63	
	For Elevated Installation >15' To 20', Add	17.26	
	For Elevated Installation >20' To 25', Add	21.58	
	For Elevated Installation >25' To 30', Add	30.21	
	For Elevated Installation >30' To 35', Add	34.52	
	For Elevated Installation >35' To 40', Add	43.16	
	For Elevated Installation >40', Add	47.47	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.89	
26 05 33 13-0452	EA 2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	189.27	47.95
	For Work In Restricted Working Space, Add	28.77	
	For Elevated Installation >10' To 15', Add	9.59	
	For Elevated Installation >15' To 20', Add	19.18	
	For Elevated Installation >20' To 25', Add	23.97	
	For Elevated Installation >25' To 30', Add	33.56	
	For Elevated Installation >30' To 35', Add	38.36	
	For Elevated Installation >35' To 40', Add	47.95	
	For Elevated Installation >40', Add	52.74	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.77	
26 05 33 13-0453	EA 2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	260.15	57.54
	For Work In Restricted Working Space, Add	34.52	
	For Elevated Installation >10' To 15', Add	11.51	
	For Elevated Installation >15' To 20', Add	23.01	
	For Elevated Installation >20' To 25', Add	28.77	
	For Elevated Installation >25' To 30', Add	40.27	
	For Elevated Installation >30' To 35', Add	46.03	
	For Elevated Installation >35' To 40', Add	57.54	
	For Elevated Installation >40', Add	63.29	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.52	
26 05 33 13-0454	EA 3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	311.47	67.13
	For Work In Restricted Working Space, Add	40.28	
	For Elevated Installation >10' To 15', Add	13.43	
	For Elevated Installation >15' To 20', Add	26.85	
	For Elevated Installation >20' To 25', Add	33.56	
	For Elevated Installation >25' To 30', Add	46.99	
	For Elevated Installation >30' To 35', Add	53.70	
	For Elevated Installation >35' To 40', Add	67.13	
	For Elevated Installation >40', Add	73.84	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.28	
26 05 33 13-0455	EA 3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	664.54	76.72
	For Work In Restricted Working Space, Add	46.03	
	For Elevated Installation >10' To 15', Add	15.34	
	For Elevated Installation >15' To 20', Add	30.69	
	For Elevated Installation >20' To 25', Add	38.36	
	For Elevated Installation >25' To 30', Add	53.70	
	For Elevated Installation >30' To 35', Add	61.37	
	For Elevated Installation >35' To 40', Add	76.72	
	For Elevated Installation >40', Add	84.39	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.03	
26 05 33 13-0456	EA 4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	764.15	86.31
	For Work In Restricted Working Space, Add	51.78	
	For Elevated Installation >10' To 15', Add	17.26	
	For Elevated Installation >15' To 20', Add	34.52	
	For Elevated Installation >20' To 25', Add	43.15	
	For Elevated Installation >25' To 30', Add	60.41	
	For Elevated Installation >30' To 35', Add	69.04	
	For Elevated Installation >35' To 40', Add	86.31	
	For Elevated Installation >40', Add	94.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.78	

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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0457	Rigid Galvanized Steel (RGS) Threaded Couplings (26 05 33 13-0059)		
26 05 33 13-0458	EA 1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	12.32	5.75
	For Work In Restricted Working Space, Add	3.45	
	For Elevated Installation >10' To 15', Add	1.15	
	For Elevated Installation >15' To 20', Add	2.30	
	For Elevated Installation >20' To 25', Add	2.88	
	For Elevated Installation >25' To 30', Add	4.03	
	For Elevated Installation >30' To 35', Add	4.60	
	For Elevated Installation >35' To 40', Add	5.75	
	For Elevated Installation >40', Add	6.33	
26 05 33 13-0459	EA 3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	17.33	8.15
	For Work In Restricted Working Space, Add	4.89	
	For Elevated Installation >10' To 15', Add	1.63	
	For Elevated Installation >15' To 20', Add	3.26	
	For Elevated Installation >20' To 25', Add	4.08	
	For Elevated Installation >25' To 30', Add	5.71	
	For Elevated Installation >30' To 35', Add	6.52	
	For Elevated Installation >35' To 40', Add	8.15	
	For Elevated Installation >40', Add	8.97	
26 05 33 13-0460	EA 1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	22.66	10.55
	For Work In Restricted Working Space, Add	6.33	
	For Elevated Installation >10' To 15', Add	2.11	
	For Elevated Installation >15' To 20', Add	4.22	
	For Elevated Installation >20' To 25', Add	5.27	
	For Elevated Installation >25' To 30', Add	7.38	
	For Elevated Installation >30' To 35', Add	8.44	
	For Elevated Installation >35' To 40', Add	10.55	
	For Elevated Installation >40', Add	11.60	
26 05 33 13-0461	EA 1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	25.96	11.98
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.80	
	For Elevated Installation >20' To 25', Add	6.00	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.19	
26 05 33 13-0462	EA 1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	31.24	14.39
	For Work In Restricted Working Space, Add	8.63	
	For Elevated Installation >10' To 15', Add	2.88	
	For Elevated Installation >15' To 20', Add	5.75	
	For Elevated Installation >20' To 25', Add	7.19	
	For Elevated Installation >25' To 30', Add	10.07	
	For Elevated Installation >30' To 35', Add	11.51	
	For Elevated Installation >35' To 40', Add	14.39	
	For Elevated Installation >40', Add	15.82	
26 05 33 13-0463	EA 2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	36.30	16.30
	For Work In Restricted Working Space, Add	9.78	
	For Elevated Installation >10' To 15', Add	3.26	
	For Elevated Installation >15' To 20', Add	6.52	
	For Elevated Installation >20' To 25', Add	8.15	
	For Elevated Installation >25' To 30', Add	11.41	
	For Elevated Installation >30' To 35', Add	13.04	
	For Elevated Installation >35' To 40', Add	16.31	
	For Elevated Installation >40', Add	17.94	
26 05 33 13-0464	EA 2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	44.72	18.22
	For Work In Restricted Working Space, Add	10.93	
	For Elevated Installation >10' To 15', Add	3.64	
	For Elevated Installation >15' To 20', Add	7.29	
	For Elevated Installation >20' To 25', Add	9.11	
	For Elevated Installation >25' To 30', Add	12.75	
	For Elevated Installation >30' To 35', Add	14.58	
	For Elevated Installation >35' To 40', Add	18.22	
	For Elevated Installation >40', Add	20.04	
26 05 33 13-0465	EA 3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	51.99	20.62
	For Work In Restricted Working Space, Add	12.37	
	For Elevated Installation >10' To 15', Add	4.12	
	For Elevated Installation >15' To 20', Add	8.25	
	For Elevated Installation >20' To 25', Add	10.31	
	For Elevated Installation >25' To 30', Add	14.43	
	For Elevated Installation >30' To 35', Add	16.49	
	For Elevated Installation >35' To 40', Add	20.62	
	For Elevated Installation >40', Add	22.68	
26 05 33 13-0466	EA 3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	59.61	22.54
	For Work In Restricted Working Space, Add	13.52	
	For Elevated Installation >10' To 15', Add	4.51	
	For Elevated Installation >15' To 20', Add	9.01	
	For Elevated Installation >20' To 25', Add	11.27	
	For Elevated Installation >25' To 30', Add	15.77	
	For Elevated Installation >30' To 35', Add	18.03	
	For Elevated Installation >35' To 40', Add	22.54	
	For Elevated Installation >40', Add	24.79	
26 05 33 13-0467	EA 4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	63.10	23.98
	For Work In Restricted Working Space, Add	14.39	
	For Elevated Installation >10' To 15', Add	4.80	
	For Elevated Installation >15' To 20', Add	9.59	
	For Elevated Installation >20' To 25', Add	11.99	
	For Elevated Installation >25' To 30', Add	16.78	
	For Elevated Installation >30' To 35', Add	19.18	
	For Elevated Installation >35' To 40', Add	23.98	
	For Elevated Installation >40', Add	26.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 05 33 13-0468 Rigid Galvanized Steel (RGS) Sealing Locknut (26 05 33 13-0059)					
26 05 33 13-0469	EA		1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	2.63	0.96
26 05 33 13-0470	EA		3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	3.72	1.44
26 05 33 13-0471	EA		1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	6.18	2.39
26 05 33 13-0472	EA		1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	8.86	3.36
26 05 33 13-0473	EA		1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	10.52	3.84
26 05 33 13-0474	EA		2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	12.25	4.32
26 05 33 13-0475 Rigid Galvanized Steel (RGS) Fire Stop Fittings (26 05 33 13-0059)					
26 05 33 13-0476	EA		1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	133.14	11.64
			<i>For Work In Restricted Working Space, Add</i>	8.73	
			<i>For Elevated Installation >10' To 15', Add</i>	2.91	
			<i>For Elevated Installation >15' To 20', Add</i>	5.82	
			<i>For Elevated Installation >20' To 25', Add</i>	7.27	
			<i>For Elevated Installation >25' To 30', Add</i>	10.18	
			<i>For Elevated Installation >30' To 35', Add</i>	11.64	
			<i>For Elevated Installation >35' To 40', Add</i>	14.55	
			<i>For Elevated Installation >40', Add</i>	16.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 05 33 13-0477	EA		3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	135.95	12.76
			<i>For Work In Restricted Working Space, Add</i>	9.57	
			<i>For Elevated Installation >10' To 15', Add</i>	3.19	
			<i>For Elevated Installation >15' To 20', Add</i>	6.38	
			<i>For Elevated Installation >20' To 25', Add</i>	7.98	
			<i>For Elevated Installation >25' To 30', Add</i>	11.17	
			<i>For Elevated Installation >30' To 35', Add</i>	12.76	
			<i>For Elevated Installation >35' To 40', Add</i>	15.95	
			<i>For Elevated Installation >40', Add</i>	17.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.57	
26 05 33 13-0478	EA		1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	162.28	14.00
			<i>For Work In Restricted Working Space, Add</i>	10.48	
			<i>For Elevated Installation >10' To 15', Add</i>	3.49	
			<i>For Elevated Installation >15' To 20', Add</i>	6.99	
			<i>For Elevated Installation >20' To 25', Add</i>	8.74	
			<i>For Elevated Installation >25' To 30', Add</i>	12.23	
			<i>For Elevated Installation >30' To 35', Add</i>	13.98	
			<i>For Elevated Installation >35' To 40', Add</i>	17.47	
			<i>For Elevated Installation >40', Add</i>	19.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.48	
26 05 33 13-0479	EA		1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	178.16	15.34
			<i>For Work In Restricted Working Space, Add</i>	11.52	
			<i>For Elevated Installation >10' To 15', Add</i>	3.84	
			<i>For Elevated Installation >15' To 20', Add</i>	7.68	
			<i>For Elevated Installation >20' To 25', Add</i>	9.60	
			<i>For Elevated Installation >25' To 30', Add</i>	13.44	
			<i>For Elevated Installation >30' To 35', Add</i>	15.36	
			<i>For Elevated Installation >35' To 40', Add</i>	19.20	
			<i>For Elevated Installation >40', Add</i>	21.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.52	
26 05 33 13-0480	EA		1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	203.11	17.27
			<i>For Work In Restricted Working Space, Add</i>	12.95	
			<i>For Elevated Installation >10' To 15', Add</i>	4.32	
			<i>For Elevated Installation >15' To 20', Add</i>	8.63	
			<i>For Elevated Installation >20' To 25', Add</i>	10.79	
			<i>For Elevated Installation >25' To 30', Add</i>	15.11	
			<i>For Elevated Installation >30' To 35', Add</i>	17.26	
			<i>For Elevated Installation >35' To 40', Add</i>	21.58	
			<i>For Elevated Installation >40', Add</i>	23.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.95	
26 05 33 13-0481	EA		2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	296.45	19.18
			<i>For Work In Restricted Working Space, Add</i>	14.39	
			<i>For Elevated Installation >10' To 15', Add</i>	4.80	
			<i>For Elevated Installation >15' To 20', Add</i>	9.60	
			<i>For Elevated Installation >20' To 25', Add</i>	12.00	
			<i>For Elevated Installation >25' To 30', Add</i>	16.79	
			<i>For Elevated Installation >30' To 35', Add</i>	19.19	
			<i>For Elevated Installation >35' To 40', Add</i>	23.99	
			<i>For Elevated Installation >40', Add</i>	26.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-0482	EA		2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	343.50	25.60
			<i>For Work In Restricted Working Space, Add</i>	19.19	
			<i>For Elevated Installation >10' To 15', Add</i>	6.40	
			<i>For Elevated Installation >15' To 20', Add</i>	12.79	
			<i>For Elevated Installation >20' To 25', Add</i>	15.99	
			<i>For Elevated Installation >25' To 30', Add</i>	22.39	
			<i>For Elevated Installation >30' To 35', Add</i>	25.59	
			<i>For Elevated Installation >35' To 40', Add</i>	31.99	
			<i>For Elevated Installation >40', Add</i>	35.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.19	

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MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
26 05 33 13-0483	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	380.88	28.10
		<i>For Work In Restricted Working Space, Add</i>	21.09	
		<i>For Elevated Installation >10' To 15', Add</i>	7.03	
		<i>For Elevated Installation >15' To 20', Add</i>	14.06	
		<i>For Elevated Installation >20' To 25', Add</i>	17.57	
		<i>For Elevated Installation >25' To 30', Add</i>	24.60	
		<i>For Elevated Installation >30' To 35', Add</i>	28.12	
		<i>For Elevated Installation >35' To 40', Add</i>	35.15	
		<i>For Elevated Installation >40', Add</i>	38.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.09	
26 05 33 13-0484	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	441.67	30.68
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.35	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.86	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.37	
		<i>For Elevated Installation >40', Add</i>	42.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-0485	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	497.84	34.52
		<i>For Work In Restricted Working Space, Add</i>	25.89	
		<i>For Elevated Installation >10' To 15', Add</i>	8.63	
		<i>For Elevated Installation >15' To 20', Add</i>	17.26	
		<i>For Elevated Installation >20' To 25', Add</i>	21.58	
		<i>For Elevated Installation >25' To 30', Add</i>	30.21	
		<i>For Elevated Installation >30' To 35', Add</i>	34.52	
		<i>For Elevated Installation >35' To 40', Add</i>	43.16	
		<i>For Elevated Installation >40', Add</i>	47.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.89	
26 05 33 13-0486	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	662.72	38.36
		<i>For Work In Restricted Working Space, Add</i>	28.77	
		<i>For Elevated Installation >10' To 15', Add</i>	9.59	
		<i>For Elevated Installation >15' To 20', Add</i>	19.18	
		<i>For Elevated Installation >20' To 25', Add</i>	23.97	
		<i>For Elevated Installation >25' To 30', Add</i>	33.56	
		<i>For Elevated Installation >30' To 35', Add</i>	38.36	
		<i>For Elevated Installation >35' To 40', Add</i>	47.95	
		<i>For Elevated Installation >40', Add</i>	52.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.77	
26 05 33 13-0487	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	820.81	42.58
		<i>For Work In Restricted Working Space, Add</i>	31.94	
		<i>For Elevated Installation >10' To 15', Add</i>	10.65	
		<i>For Elevated Installation >15' To 20', Add</i>	21.29	
		<i>For Elevated Installation >20' To 25', Add</i>	26.61	
		<i>For Elevated Installation >25' To 30', Add</i>	37.26	
		<i>For Elevated Installation >30' To 35', Add</i>	42.58	
		<i>For Elevated Installation >35' To 40', Add</i>	53.23	
		<i>For Elevated Installation >40', Add</i>	58.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.94	
26 05 33 13-0488		Rigid Galvanized Steel (RGS) Reducing Bushings (26 05 33 13-0059)		
26 05 33 13-0489	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	15.42	7.44
		<i>For Work In Restricted Working Space, Add</i>	4.46	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.97	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.20	
		<i>For Elevated Installation >30' To 35', Add</i>	5.94	
		<i>For Elevated Installation >35' To 40', Add</i>	7.43	
		<i>For Elevated Installation >40', Add</i>	8.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-0490	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	16.85	7.92
		<i>For Work In Restricted Working Space, Add</i>	4.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.58	
		<i>For Elevated Installation >15' To 20', Add</i>	3.16	
		<i>For Elevated Installation >20' To 25', Add</i>	3.96	
		<i>For Elevated Installation >25' To 30', Add</i>	5.54	
		<i>For Elevated Installation >30' To 35', Add</i>	6.33	
		<i>For Elevated Installation >35' To 40', Add</i>	7.91	
		<i>For Elevated Installation >40', Add</i>	8.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.75	
26 05 33 13-0491	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	17.33	8.15
		<i>For Work In Restricted Working Space, Add</i>	4.89	
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.08	
		<i>For Elevated Installation >25' To 30', Add</i>	5.71	
		<i>For Elevated Installation >30' To 35', Add</i>	6.52	
		<i>For Elevated Installation >35' To 40', Add</i>	8.15	
		<i>For Elevated Installation >40', Add</i>	8.97	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0492	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.45	8.39
		For Work In Restricted Working Space, Add	5.03	
		For Elevated Installation >10' To 15', Add	1.68	
		For Elevated Installation >15' To 20', Add	3.36	
		For Elevated Installation >20' To 25', Add	4.20	
		For Elevated Installation >25' To 30', Add	5.87	
		For Elevated Installation >30' To 35', Add	6.71	
		For Elevated Installation >35' To 40', Add	8.39	
		For Elevated Installation >40', Add	9.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.03	
26 05 33 13-0493	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.94	8.63
		For Work In Restricted Working Space, Add	5.18	
		For Elevated Installation >10' To 15', Add	1.73	
		For Elevated Installation >15' To 20', Add	3.45	
		For Elevated Installation >20' To 25', Add	4.32	
		For Elevated Installation >25' To 30', Add	6.04	
		For Elevated Installation >30' To 35', Add	6.91	
		For Elevated Installation >35' To 40', Add	8.64	
		For Elevated Installation >40', Add	9.50	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-0494	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	20.89	9.11
		For Work In Restricted Working Space, Add	5.47	
		For Elevated Installation >10' To 15', Add	1.82	
		For Elevated Installation >15' To 20', Add	3.64	
		For Elevated Installation >20' To 25', Add	4.56	
		For Elevated Installation >25' To 30', Add	6.38	
		For Elevated Installation >30' To 35', Add	7.29	
		For Elevated Installation >35' To 40', Add	9.11	
		For Elevated Installation >40', Add	10.02	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-0495	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	22.41	9.59
		For Work In Restricted Working Space, Add	5.75	
		For Elevated Installation >10' To 15', Add	1.92	
		For Elevated Installation >15' To 20', Add	3.84	
		For Elevated Installation >20' To 25', Add	4.80	
		For Elevated Installation >25' To 30', Add	6.71	
		For Elevated Installation >30' To 35', Add	7.67	
		For Elevated Installation >35' To 40', Add	9.59	
		For Elevated Installation >40', Add	10.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.75	
26 05 33 13-0496	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.89	9.83
		For Work In Restricted Working Space, Add	5.90	
		For Elevated Installation >10' To 15', Add	1.97	
		For Elevated Installation >15' To 20', Add	3.93	
		For Elevated Installation >20' To 25', Add	4.92	
		For Elevated Installation >25' To 30', Add	6.88	
		For Elevated Installation >30' To 35', Add	7.86	
		For Elevated Installation >35' To 40', Add	9.83	
		For Elevated Installation >40', Add	10.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-0497	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	23.85	10.31
		For Work In Restricted Working Space, Add	6.19	
		For Elevated Installation >10' To 15', Add	2.06	
		For Elevated Installation >15' To 20', Add	4.12	
		For Elevated Installation >20' To 25', Add	5.16	
		For Elevated Installation >25' To 30', Add	7.22	
		For Elevated Installation >30' To 35', Add	8.25	
		For Elevated Installation >35' To 40', Add	10.31	
		For Elevated Installation >40', Add	11.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	
26 05 33 13-0498	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	24.80	10.79
		For Work In Restricted Working Space, Add	6.47	
		For Elevated Installation >10' To 15', Add	2.16	
		For Elevated Installation >15' To 20', Add	4.31	
		For Elevated Installation >20' To 25', Add	5.39	
		For Elevated Installation >25' To 30', Add	7.55	
		For Elevated Installation >30' To 35', Add	8.63	
		For Elevated Installation >35' To 40', Add	10.79	
		For Elevated Installation >40', Add	11.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.47	
26 05 33 13-0499	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	28.67	10.79
		For Work In Restricted Working Space, Add	6.47	
		For Elevated Installation >10' To 15', Add	2.16	
		For Elevated Installation >15' To 20', Add	4.31	
		For Elevated Installation >20' To 25', Add	5.39	
		For Elevated Installation >25' To 30', Add	7.55	
		For Elevated Installation >30' To 35', Add	8.63	
		For Elevated Installation >35' To 40', Add	10.79	
		For Elevated Installation >40', Add	11.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.47	
26 05 33 13-0500	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.15	11.03
		For Work In Restricted Working Space, Add	6.62	
		For Elevated Installation >10' To 15', Add	2.21	
		For Elevated Installation >15' To 20', Add	4.41	
		For Elevated Installation >20' To 25', Add	5.51	
		For Elevated Installation >25' To 30', Add	7.72	
		For Elevated Installation >30' To 35', Add	8.82	
		For Elevated Installation >35' To 40', Add	11.03	
		For Elevated Installation >40', Add	12.13	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.62	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0501	EA 2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	30.12	11.50
	For Work In Restricted Working Space, Add	6.91	
	For Elevated Installation >10' To 15', Add	2.30	
	For Elevated Installation >15' To 20', Add	4.60	
	For Elevated Installation >20' To 25', Add	5.76	
	For Elevated Installation >25' To 30', Add	8.06	
	For Elevated Installation >30' To 35', Add	9.21	
	For Elevated Installation >35' To 40', Add	11.51	
	For Elevated Installation >40', Add	12.66	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.91	
26 05 33 13-0502	EA 2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	31.08	11.98
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.80	
	For Elevated Installation >20' To 25', Add	6.00	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0503	EA 2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	33.47	13.19
	For Work In Restricted Working Space, Add	7.91	
	For Elevated Installation >10' To 15', Add	2.64	
	For Elevated Installation >15' To 20', Add	5.27	
	For Elevated Installation >20' To 25', Add	6.59	
	For Elevated Installation >25' To 30', Add	9.23	
	For Elevated Installation >30' To 35', Add	10.55	
	For Elevated Installation >35' To 40', Add	13.19	
	For Elevated Installation >40', Add	14.50	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.91	
26 05 33 13-0504	EA 2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	41.67	15.58
	For Work In Restricted Working Space, Add	9.35	
	For Elevated Installation >10' To 15', Add	3.12	
	For Elevated Installation >15' To 20', Add	6.23	
	For Elevated Installation >20' To 25', Add	7.79	
	For Elevated Installation >25' To 30', Add	10.91	
	For Elevated Installation >30' To 35', Add	12.46	
	For Elevated Installation >35' To 40', Add	15.58	
	For Elevated Installation >40', Add	17.14	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	

26 05 33 13-0505 Rigid Galvanized Steel (RGS) Locknuts (26 05 33 13-0059)

26 05 33 13-0506	EA 1/2" Rigid Galvanized Steel (RGS) Locknuts	1.96	0.96
	For Work In Restricted Working Space, Add	0.57	
	For Elevated Installation >10' To 15', Add	0.19	
	For Elevated Installation >15' To 20', Add	0.38	
	For Elevated Installation >20' To 25', Add	0.48	
	For Elevated Installation >25' To 30', Add	0.67	
	For Elevated Installation >30' To 35', Add	0.76	
	For Elevated Installation >35' To 40', Add	0.96	
	For Elevated Installation >40', Add	1.05	
26 05 33 13-0507	EA 3/4" Rigid Galvanized Steel (RGS) Locknuts	2.95	1.44
	For Work In Restricted Working Space, Add	0.86	
	For Elevated Installation >10' To 15', Add	0.29	
	For Elevated Installation >15' To 20', Add	0.58	
	For Elevated Installation >20' To 25', Add	0.72	
	For Elevated Installation >25' To 30', Add	1.01	
	For Elevated Installation >30' To 35', Add	1.15	
	For Elevated Installation >35' To 40', Add	1.44	
	For Elevated Installation >40', Add	1.58	
26 05 33 13-0508	EA 1" Rigid Galvanized Steel (RGS) Locknuts	4.92	2.39
	For Work In Restricted Working Space, Add	1.44	
	For Elevated Installation >10' To 15', Add	0.48	
	For Elevated Installation >15' To 20', Add	0.96	
	For Elevated Installation >20' To 25', Add	1.20	
	For Elevated Installation >25' To 30', Add	1.68	
	For Elevated Installation >30' To 35', Add	1.92	
	For Elevated Installation >35' To 40', Add	2.40	
	For Elevated Installation >40', Add	2.64	
26 05 33 13-0509	EA 1-1/4" Rigid Galvanized Steel (RGS) Locknuts	6.91	3.36
	For Work In Restricted Working Space, Add	2.01	
	For Elevated Installation >10' To 15', Add	0.67	
	For Elevated Installation >15' To 20', Add	1.34	
	For Elevated Installation >20' To 25', Add	1.68	
	For Elevated Installation >25' To 30', Add	2.35	
	For Elevated Installation >30' To 35', Add	2.68	
	For Elevated Installation >35' To 40', Add	3.36	
	For Elevated Installation >40', Add	3.69	
26 05 33 13-0510	EA 1-1/2" Rigid Galvanized Steel (RGS) Locknuts	7.94	3.84
	For Work In Restricted Working Space, Add	2.30	
	For Elevated Installation >10' To 15', Add	0.77	
	For Elevated Installation >15' To 20', Add	1.54	
	For Elevated Installation >20' To 25', Add	1.92	
	For Elevated Installation >25' To 30', Add	2.69	
	For Elevated Installation >30' To 35', Add	3.07	
	For Elevated Installation >35' To 40', Add	3.84	
	For Elevated Installation >40', Add	4.22	

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0511	EA	2" Rigid Galvanized Steel (RGS) Locknuts.....	8.95	4.32
		For Work In Restricted Working Space, Add	2.59	
		For Elevated Installation >10' To 15', Add	0.86	
		For Elevated Installation >15' To 20', Add	1.73	
		For Elevated Installation >20' To 25', Add	2.16	
		For Elevated Installation >25' To 30', Add	3.02	
		For Elevated Installation >30' To 35', Add	3.45	
		For Elevated Installation >35' To 40', Add	4.32	
		For Elevated Installation >40', Add	4.75	
26 05 33 13-0512	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	12.34	5.75
		For Work In Restricted Working Space, Add	3.45	
		For Elevated Installation >10' To 15', Add	1.15	
		For Elevated Installation >15' To 20', Add	2.30	
		For Elevated Installation >20' To 25', Add	2.88	
		For Elevated Installation >25' To 30', Add	4.03	
		For Elevated Installation >30' To 35', Add	4.60	
		For Elevated Installation >35' To 40', Add	5.75	
		For Elevated Installation >40', Add	6.33	
26 05 33 13-0513	EA	3" Rigid Galvanized Steel (RGS) Locknuts.....	15.32	7.19
		For Work In Restricted Working Space, Add	4.32	
		For Elevated Installation >10' To 15', Add	1.44	
		For Elevated Installation >15' To 20', Add	2.88	
		For Elevated Installation >20' To 25', Add	3.60	
		For Elevated Installation >25' To 30', Add	5.04	
		For Elevated Installation >30' To 35', Add	5.76	
		For Elevated Installation >35' To 40', Add	7.20	
		For Elevated Installation >40', Add	7.91	
26 05 33 13-0514	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	17.84	8.15
		For Work In Restricted Working Space, Add	4.89	
		For Elevated Installation >10' To 15', Add	1.63	
		For Elevated Installation >15' To 20', Add	3.26	
		For Elevated Installation >20' To 25', Add	4.08	
		For Elevated Installation >25' To 30', Add	5.71	
		For Elevated Installation >30' To 35', Add	6.52	
		For Elevated Installation >35' To 40', Add	8.15	
		For Elevated Installation >40', Add	8.97	
26 05 33 13-0515	EA	4" Rigid Galvanized Steel (RGS) Locknuts.....	20.00	9.11
		For Work In Restricted Working Space, Add	5.47	
		For Elevated Installation >10' To 15', Add	1.82	
		For Elevated Installation >15' To 20', Add	3.64	
		For Elevated Installation >20' To 25', Add	4.56	
		For Elevated Installation >25' To 30', Add	6.38	
		For Elevated Installation >30' To 35', Add	7.29	
		For Elevated Installation >35' To 40', Add	9.11	
		For Elevated Installation >40', Add	10.02	
26 05 33 13-0516 Rigid Galvanized Steel (RGS) Grounding Locknuts <small>(26 05 33 13-0059)</small>				
26 05 33 13-0517	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	2.68	0.96
		For Work In Restricted Working Space, Add	0.57	
		For Elevated Installation >10' To 15', Add	0.19	
		For Elevated Installation >15' To 20', Add	0.38	
		For Elevated Installation >20' To 25', Add	0.48	
		For Elevated Installation >25' To 30', Add	0.67	
		For Elevated Installation >30' To 35', Add	0.76	
		For Elevated Installation >35' To 40', Add	0.96	
		For Elevated Installation >40', Add	1.05	
26 05 33 13-0518	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	3.80	1.44
		For Work In Restricted Working Space, Add	0.86	
		For Elevated Installation >10' To 15', Add	0.29	
		For Elevated Installation >15' To 20', Add	0.58	
		For Elevated Installation >20' To 25', Add	0.72	
		For Elevated Installation >25' To 30', Add	1.01	
		For Elevated Installation >30' To 35', Add	1.15	
		For Elevated Installation >35' To 40', Add	1.44	
		For Elevated Installation >40', Add	1.58	
26 05 33 13-0519	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	6.12	2.39
		For Work In Restricted Working Space, Add	1.44	
		For Elevated Installation >10' To 15', Add	0.48	
		For Elevated Installation >15' To 20', Add	0.96	
		For Elevated Installation >20' To 25', Add	1.20	
		For Elevated Installation >25' To 30', Add	1.68	
		For Elevated Installation >30' To 35', Add	1.92	
		For Elevated Installation >35' To 40', Add	2.40	
		For Elevated Installation >40', Add	2.64	
26 05 33 13-0520	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	8.55	3.36
		For Work In Restricted Working Space, Add	2.01	
		For Elevated Installation >10' To 15', Add	0.67	
		For Elevated Installation >15' To 20', Add	1.34	
		For Elevated Installation >20' To 25', Add	1.68	
		For Elevated Installation >25' To 30', Add	2.35	
		For Elevated Installation >30' To 35', Add	2.68	
		For Elevated Installation >35' To 40', Add	3.36	
		For Elevated Installation >40', Add	3.69	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0521	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	9.69	3.84
		<i>For Work In Restricted Working Space, Add</i>	2.30	
		<i>For Elevated Installation >10' To 15', Add</i>	0.77	
		<i>For Elevated Installation >15' To 20', Add</i>	1.54	
		<i>For Elevated Installation >20' To 25', Add</i>	1.92	
		<i>For Elevated Installation >25' To 30', Add</i>	2.69	
		<i>For Elevated Installation >30' To 35', Add</i>	3.07	
		<i>For Elevated Installation >35' To 40', Add</i>	3.84	
		<i>For Elevated Installation >40', Add</i>	4.22	
26 05 33 13-0522	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.25	4.32
		<i>For Work In Restricted Working Space, Add</i>	2.59	
		<i>For Elevated Installation >10' To 15', Add</i>	0.86	
		<i>For Elevated Installation >15' To 20', Add</i>	1.73	
		<i>For Elevated Installation >20' To 25', Add</i>	2.16	
		<i>For Elevated Installation >25' To 30', Add</i>	3.02	
		<i>For Elevated Installation >30' To 35', Add</i>	3.45	
		<i>For Elevated Installation >35' To 40', Add</i>	4.32	
		<i>For Elevated Installation >40', Add</i>	4.75	
26 05 33 13-0523	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	16.38	5.75
		<i>For Work In Restricted Working Space, Add</i>	3.45	
		<i>For Elevated Installation >10' To 15', Add</i>	1.15	
		<i>For Elevated Installation >15' To 20', Add</i>	2.30	
		<i>For Elevated Installation >20' To 25', Add</i>	2.88	
		<i>For Elevated Installation >25' To 30', Add</i>	4.03	
		<i>For Elevated Installation >30' To 35', Add</i>	4.60	
		<i>For Elevated Installation >35' To 40', Add</i>	5.75	
		<i>For Elevated Installation >40', Add</i>	6.33	
26 05 33 13-0524	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	20.58	7.19
		<i>For Work In Restricted Working Space, Add</i>	4.32	
		<i>For Elevated Installation >10' To 15', Add</i>	1.44	
		<i>For Elevated Installation >15' To 20', Add</i>	2.88	
		<i>For Elevated Installation >20' To 25', Add</i>	3.60	
		<i>For Elevated Installation >25' To 30', Add</i>	5.04	
		<i>For Elevated Installation >30' To 35', Add</i>	5.76	
		<i>For Elevated Installation >35' To 40', Add</i>	7.20	
		<i>For Elevated Installation >40', Add</i>	7.91	
26 05 33 13-0525	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	26.35	8.15
		<i>For Work In Restricted Working Space, Add</i>	4.89	
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.08	
		<i>For Elevated Installation >25' To 30', Add</i>	5.71	
		<i>For Elevated Installation >30' To 35', Add</i>	6.52	
		<i>For Elevated Installation >35' To 40', Add</i>	8.15	
		<i>For Elevated Installation >40', Add</i>	8.97	
26 05 33 13-0526	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	31.18	9.11
		<i>For Work In Restricted Working Space, Add</i>	5.47	
		<i>For Elevated Installation >10' To 15', Add</i>	1.82	
		<i>For Elevated Installation >15' To 20', Add</i>	3.64	
		<i>For Elevated Installation >20' To 25', Add</i>	4.56	
		<i>For Elevated Installation >25' To 30', Add</i>	6.38	
		<i>For Elevated Installation >30' To 35', Add</i>	7.29	
		<i>For Elevated Installation >35' To 40', Add</i>	9.11	
		<i>For Elevated Installation >40', Add</i>	10.02	
26 05 33 13-0527		Rigid Galvanized Steel (RGS) Insulated Ground Bushing <small>(26 05 33 13-0059)</small>		
26 05 33 13-0528	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	7.67	2.88
		<i>For Work In Restricted Working Space, Add</i>	1.73	
		<i>For Elevated Installation >10' To 15', Add</i>	0.58	
		<i>For Elevated Installation >15' To 20', Add</i>	1.15	
		<i>For Elevated Installation >20' To 25', Add</i>	1.44	
		<i>For Elevated Installation >25' To 30', Add</i>	2.01	
		<i>For Elevated Installation >30' To 35', Add</i>	2.30	
		<i>For Elevated Installation >35' To 40', Add</i>	2.88	
		<i>For Elevated Installation >40', Add</i>	3.16	
26 05 33 13-0529	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.77	3.84
		<i>For Work In Restricted Working Space, Add</i>	2.30	
		<i>For Elevated Installation >10' To 15', Add</i>	0.77	
		<i>For Elevated Installation >15' To 20', Add</i>	1.54	
		<i>For Elevated Installation >20' To 25', Add</i>	1.92	
		<i>For Elevated Installation >25' To 30', Add</i>	2.69	
		<i>For Elevated Installation >30' To 35', Add</i>	3.07	
		<i>For Elevated Installation >35' To 40', Add</i>	3.84	
		<i>For Elevated Installation >40', Add</i>	4.22	
26 05 33 13-0530	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	12.40	4.80
		<i>For Work In Restricted Working Space, Add</i>	2.88	
		<i>For Elevated Installation >10' To 15', Add</i>	0.96	
		<i>For Elevated Installation >15' To 20', Add</i>	1.92	
		<i>For Elevated Installation >20' To 25', Add</i>	2.40	
		<i>For Elevated Installation >25' To 30', Add</i>	3.36	
		<i>For Elevated Installation >30' To 35', Add</i>	3.84	
		<i>For Elevated Installation >35' To 40', Add</i>	4.80	
		<i>For Elevated Installation >40', Add</i>	5.27	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0531	EA 1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	18.48	7.68
	For Work In Restricted Working Space, Add	4.60	
	For Elevated Installation >10' To 15', Add	1.53	
	For Elevated Installation >15' To 20', Add	3.07	
	For Elevated Installation >20' To 25', Add	3.84	
	For Elevated Installation >25' To 30', Add	5.37	
	For Elevated Installation >30' To 35', Add	6.14	
	For Elevated Installation >35' To 40', Add	7.67	
	For Elevated Installation >40', Add	8.44	
26 05 33 13-0532	EA 1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	20.82	8.63
	For Work In Restricted Working Space, Add	5.18	
	For Elevated Installation >10' To 15', Add	1.73	
	For Elevated Installation >15' To 20', Add	3.45	
	For Elevated Installation >20' To 25', Add	4.32	
	For Elevated Installation >25' To 30', Add	6.04	
	For Elevated Installation >30' To 35', Add	6.91	
	For Elevated Installation >35' To 40', Add	8.64	
	For Elevated Installation >40', Add	9.50	
26 05 33 13-0533	EA 2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	23.53	9.59
	For Work In Restricted Working Space, Add	5.75	
	For Elevated Installation >10' To 15', Add	1.92	
	For Elevated Installation >15' To 20', Add	3.84	
	For Elevated Installation >20' To 25', Add	4.80	
	For Elevated Installation >25' To 30', Add	6.71	
	For Elevated Installation >30' To 35', Add	7.67	
	For Elevated Installation >35' To 40', Add	9.59	
	For Elevated Installation >40', Add	10.55	
26 05 33 13-0534	EA 2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	31.44	11.50
	For Work In Restricted Working Space, Add	6.91	
	For Elevated Installation >10' To 15', Add	2.30	
	For Elevated Installation >15' To 20', Add	4.60	
	For Elevated Installation >20' To 25', Add	5.76	
	For Elevated Installation >25' To 30', Add	8.06	
	For Elevated Installation >30' To 35', Add	9.21	
	For Elevated Installation >35' To 40', Add	11.51	
	For Elevated Installation >40', Add	12.66	
26 05 33 13-0535	EA 3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	38.41	14.39
	For Work In Restricted Working Space, Add	8.63	
	For Elevated Installation >10' To 15', Add	2.88	
	For Elevated Installation >15' To 20', Add	5.75	
	For Elevated Installation >20' To 25', Add	7.19	
	For Elevated Installation >25' To 30', Add	10.07	
	For Elevated Installation >30' To 35', Add	11.51	
	For Elevated Installation >35' To 40', Add	14.39	
	For Elevated Installation >40', Add	15.82	
26 05 33 13-0536	EA 3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	48.32	19.18
	For Work In Restricted Working Space, Add	11.51	
	For Elevated Installation >10' To 15', Add	3.84	
	For Elevated Installation >15' To 20', Add	7.67	
	For Elevated Installation >20' To 25', Add	9.59	
	For Elevated Installation >25' To 30', Add	13.43	
	For Elevated Installation >30' To 35', Add	15.34	
	For Elevated Installation >35' To 40', Add	19.18	
	For Elevated Installation >40', Add	21.10	
26 05 33 13-0537	EA 4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	59.21	23.98
	For Work In Restricted Working Space, Add	14.39	
	For Elevated Installation >10' To 15', Add	4.80	
	For Elevated Installation >15' To 20', Add	9.59	
	For Elevated Installation >20' To 25', Add	11.99	
	For Elevated Installation >25' To 30', Add	16.78	
	For Elevated Installation >30' To 35', Add	19.18	
	For Elevated Installation >35' To 40', Add	23.98	
	For Elevated Installation >40', Add	26.37	
26 05 33 13-0538	Rigid Galvanized Steel (RGS) Threadless Compression Connectors <small>(26 05 33 13-0050)</small>		
26 05 33 13-0539	EA 1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	19.85	8.63
	For Work In Restricted Working Space, Add	5.18	
	For Elevated Installation >10' To 15', Add	1.73	
	For Elevated Installation >15' To 20', Add	3.45	
	For Elevated Installation >20' To 25', Add	4.32	
	For Elevated Installation >25' To 30', Add	6.04	
	For Elevated Installation >30' To 35', Add	6.91	
	For Elevated Installation >35' To 40', Add	8.64	
	For Elevated Installation >40', Add	9.50	
26 05 33 13-0540	EA 3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	23.34	9.59
	For Work In Restricted Working Space, Add	5.75	
	For Elevated Installation >10' To 15', Add	1.92	
	For Elevated Installation >15' To 20', Add	3.84	
	For Elevated Installation >20' To 25', Add	4.80	
	For Elevated Installation >25' To 30', Add	6.71	
	For Elevated Installation >30' To 35', Add	7.67	
	For Elevated Installation >35' To 40', Add	9.59	
	For Elevated Installation >40', Add	10.55	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0541	EA 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	30.48	11.98
	<i>For Work In Restricted Working Space, Add</i>	7.19	
	<i>For Elevated Installation >10' To 15', Add</i>	2.40	
	<i>For Elevated Installation >15' To 20', Add</i>	4.80	
	<i>For Elevated Installation >20' To 25', Add</i>	6.00	
	<i>For Elevated Installation >25' To 30', Add</i>	8.39	
	<i>For Elevated Installation >30' To 35', Add</i>	9.59	
	<i>For Elevated Installation >35' To 40', Add</i>	11.99	
	<i>For Elevated Installation >40', Add</i>	13.19	
26 05 33 13-0542	EA 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	41.00	14.39
	<i>For Work In Restricted Working Space, Add</i>	8.63	
	<i>For Elevated Installation >10' To 15', Add</i>	2.88	
	<i>For Elevated Installation >15' To 20', Add</i>	5.75	
	<i>For Elevated Installation >20' To 25', Add</i>	7.19	
	<i>For Elevated Installation >25' To 30', Add</i>	10.07	
	<i>For Elevated Installation >30' To 35', Add</i>	11.51	
	<i>For Elevated Installation >35' To 40', Add</i>	14.39	
	<i>For Elevated Installation >40', Add</i>	15.82	
26 05 33 13-0543	EA 1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	55.29	19.18
	<i>For Work In Restricted Working Space, Add</i>	11.51	
	<i>For Elevated Installation >10' To 15', Add</i>	3.84	
	<i>For Elevated Installation >15' To 20', Add</i>	7.67	
	<i>For Elevated Installation >20' To 25', Add</i>	9.59	
	<i>For Elevated Installation >25' To 30', Add</i>	13.43	
	<i>For Elevated Installation >30' To 35', Add</i>	15.34	
	<i>For Elevated Installation >35' To 40', Add</i>	19.18	
	<i>For Elevated Installation >40', Add</i>	21.10	
26 05 33 13-0544	EA 2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	80.44	23.98
	<i>For Work In Restricted Working Space, Add</i>	14.39	
	<i>For Elevated Installation >10' To 15', Add</i>	4.80	
	<i>For Elevated Installation >15' To 20', Add</i>	9.59	
	<i>For Elevated Installation >20' To 25', Add</i>	11.99	
	<i>For Elevated Installation >25' To 30', Add</i>	16.78	
	<i>For Elevated Installation >30' To 35', Add</i>	19.18	
	<i>For Elevated Installation >35' To 40', Add</i>	23.98	
	<i>For Elevated Installation >40', Add</i>	26.37	
26 05 33 13-0545	EA 2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	132.49	28.77
	<i>For Work In Restricted Working Space, Add</i>	17.26	
	<i>For Elevated Installation >10' To 15', Add</i>	5.75	
	<i>For Elevated Installation >15' To 20', Add</i>	11.51	
	<i>For Elevated Installation >20' To 25', Add</i>	14.39	
	<i>For Elevated Installation >25' To 30', Add</i>	20.14	
	<i>For Elevated Installation >30' To 35', Add</i>	23.02	
	<i>For Elevated Installation >35' To 40', Add</i>	28.77	
	<i>For Elevated Installation >40', Add</i>	31.65	
26 05 33 13-0546	EA 3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	166.50	33.57
	<i>For Work In Restricted Working Space, Add</i>	20.14	
	<i>For Elevated Installation >10' To 15', Add</i>	6.71	
	<i>For Elevated Installation >15' To 20', Add</i>	13.43	
	<i>For Elevated Installation >20' To 25', Add</i>	16.78	
	<i>For Elevated Installation >25' To 30', Add</i>	23.50	
	<i>For Elevated Installation >30' To 35', Add</i>	26.85	
	<i>For Elevated Installation >35' To 40', Add</i>	33.57	
	<i>For Elevated Installation >40', Add</i>	36.92	
26 05 33 13-0547	EA 3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	211.38	40.75
	<i>For Work In Restricted Working Space, Add</i>	24.46	
	<i>For Elevated Installation >10' To 15', Add</i>	8.15	
	<i>For Elevated Installation >15' To 20', Add</i>	16.30	
	<i>For Elevated Installation >20' To 25', Add</i>	20.38	
	<i>For Elevated Installation >25' To 30', Add</i>	28.53	
	<i>For Elevated Installation >30' To 35', Add</i>	32.61	
	<i>For Elevated Installation >35' To 40', Add</i>	40.76	
	<i>For Elevated Installation >40', Add</i>	44.84	
26 05 33 13-0548	EA 4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	254.87	47.95
	<i>For Work In Restricted Working Space, Add</i>	28.77	
	<i>For Elevated Installation >10' To 15', Add</i>	9.59	
	<i>For Elevated Installation >15' To 20', Add</i>	19.18	
	<i>For Elevated Installation >20' To 25', Add</i>	23.97	
	<i>For Elevated Installation >25' To 30', Add</i>	33.56	
	<i>For Elevated Installation >30' To 35', Add</i>	38.36	
	<i>For Elevated Installation >35' To 40', Add</i>	47.95	
	<i>For Elevated Installation >40', Add</i>	52.74	
26 05 33 13-0549	Rigid Galvanized Steel (RGS) Compression Coupling (26 05 33 13-0059)		
26 05 33 13-0550	EA 1/2" Rigid Galvanized Steel (RGS) Compression Coupling	28.15	11.98
	<i>For Work In Restricted Working Space, Add</i>	7.19	
	<i>For Elevated Installation >10' To 15', Add</i>	2.40	
	<i>For Elevated Installation >15' To 20', Add</i>	4.80	
	<i>For Elevated Installation >20' To 25', Add</i>	6.00	
	<i>For Elevated Installation >25' To 30', Add</i>	8.39	
	<i>For Elevated Installation >30' To 35', Add</i>	9.59	
	<i>For Elevated Installation >35' To 40', Add</i>	11.99	
	<i>For Elevated Installation >40', Add</i>	13.19	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

26 05 33 13-0551	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	35.45	14.39
		For Work In Restricted Working Space, Add	8.63	
		For Elevated Installation >10' To 15', Add	2.88	
		For Elevated Installation >15' To 20', Add	5.75	
		For Elevated Installation >20' To 25', Add	7.19	
		For Elevated Installation >25' To 30', Add	10.07	
		For Elevated Installation >30' To 35', Add	11.51	
		For Elevated Installation >35' To 40', Add	14.39	
26 05 33 13-0552	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	50.02	19.18
		For Work In Restricted Working Space, Add	11.51	
		For Elevated Installation >10' To 15', Add	3.84	
		For Elevated Installation >15' To 20', Add	7.67	
		For Elevated Installation >20' To 25', Add	9.59	
		For Elevated Installation >25' To 30', Add	13.43	
		For Elevated Installation >30' To 35', Add	15.34	
		For Elevated Installation >35' To 40', Add	19.18	
26 05 33 13-0553	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	65.21	23.98
		For Work In Restricted Working Space, Add	14.39	
		For Elevated Installation >10' To 15', Add	4.80	
		For Elevated Installation >15' To 20', Add	9.59	
		For Elevated Installation >20' To 25', Add	11.99	
		For Elevated Installation >25' To 30', Add	16.78	
		For Elevated Installation >30' To 35', Add	19.18	
		For Elevated Installation >35' To 40', Add	23.98	
26 05 33 13-0554	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	80.01	28.77
		For Work In Restricted Working Space, Add	17.26	
		For Elevated Installation >10' To 15', Add	5.75	
		For Elevated Installation >15' To 20', Add	11.51	
		For Elevated Installation >20' To 25', Add	14.39	
		For Elevated Installation >25' To 30', Add	20.14	
		For Elevated Installation >30' To 35', Add	23.02	
		For Elevated Installation >35' To 40', Add	28.77	
26 05 33 13-0555	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	116.27	33.57
		For Work In Restricted Working Space, Add	20.14	
		For Elevated Installation >10' To 15', Add	6.71	
		For Elevated Installation >15' To 20', Add	13.43	
		For Elevated Installation >20' To 25', Add	16.78	
		For Elevated Installation >25' To 30', Add	23.50	
		For Elevated Installation >30' To 35', Add	26.85	
		For Elevated Installation >35' To 40', Add	33.57	
26 05 33 13-0556	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	180.23	38.36
		For Work In Restricted Working Space, Add	23.02	
		For Elevated Installation >10' To 15', Add	7.67	
		For Elevated Installation >15' To 20', Add	15.34	
		For Elevated Installation >20' To 25', Add	19.18	
		For Elevated Installation >25' To 30', Add	26.85	
		For Elevated Installation >30' To 35', Add	30.69	
		For Elevated Installation >35' To 40', Add	38.36	
26 05 33 13-0557	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	203.29	33.09
		For Work In Restricted Working Space, Add	19.85	
		For Elevated Installation >10' To 15', Add	6.62	
		For Elevated Installation >15' To 20', Add	13.23	
		For Elevated Installation >20' To 25', Add	16.54	
		For Elevated Installation >25' To 30', Add	23.16	
		For Elevated Installation >30' To 35', Add	26.46	
		For Elevated Installation >35' To 40', Add	33.08	
26 05 33 13-0558	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	281.21	50.34
		For Work In Restricted Working Space, Add	30.21	
		For Elevated Installation >10' To 15', Add	10.07	
		For Elevated Installation >15' To 20', Add	20.14	
		For Elevated Installation >20' To 25', Add	25.17	
		For Elevated Installation >25' To 30', Add	35.24	
		For Elevated Installation >30' To 35', Add	40.28	
		For Elevated Installation >35' To 40', Add	50.35	
26 05 33 13-0559	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	346.06	57.54
		For Work In Restricted Working Space, Add	34.52	
		For Elevated Installation >10' To 15', Add	11.51	
		For Elevated Installation >15' To 20', Add	23.01	
		For Elevated Installation >20' To 25', Add	28.77	
		For Elevated Installation >25' To 30', Add	40.27	
		For Elevated Installation >30' To 35', Add	46.03	
		For Elevated Installation >35' To 40', Add	57.54	
	For Elevated Installation >40', Add	63.29		

26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal (26 05 33 13-0059)

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0561	EA 1/2" Zinc Plated Steel Snap-in Knock Out Seal For Work In Restricted Working Space, Add	4.96	2.39
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	0.48	
	For Elevated Installation >20' To 25', Add	0.96	
	For Elevated Installation >25' To 30', Add	1.20	
	For Elevated Installation >30' To 35', Add	1.68	
	For Elevated Installation >35' To 40', Add	1.92	
	For Elevated Installation >40', Add	2.40	
		2.64	
26 05 33 13-0562	EA 3/4" Zinc Plated Steel Snap-in Knock Out Seal	5.96	2.88
	For Work In Restricted Working Space, Add	1.73	
	For Elevated Installation >10' To 15', Add	0.58	
	For Elevated Installation >15' To 20', Add	1.15	
	For Elevated Installation >20' To 25', Add	1.44	
	For Elevated Installation >25' To 30', Add	2.01	
	For Elevated Installation >30' To 35', Add	2.30	
	For Elevated Installation >35' To 40', Add	2.88	
	For Elevated Installation >40', Add	3.16	
26 05 33 13-0563	EA 1" Zinc Plated Steel Snap-in Knock Out Seal	7.05	3.36
	For Work In Restricted Working Space, Add	2.01	
	For Elevated Installation >10' To 15', Add	0.67	
	For Elevated Installation >15' To 20', Add	1.34	
	For Elevated Installation >20' To 25', Add	1.68	
	For Elevated Installation >25' To 30', Add	2.35	
	For Elevated Installation >30' To 35', Add	2.68	
	For Elevated Installation >35' To 40', Add	3.36	
	For Elevated Installation >40', Add	3.69	
26 05 33 13-0564	EA 1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	9.08	4.32
	For Work In Restricted Working Space, Add	2.59	
	For Elevated Installation >10' To 15', Add	0.86	
	For Elevated Installation >15' To 20', Add	1.73	
	For Elevated Installation >20' To 25', Add	2.16	
	For Elevated Installation >25' To 30', Add	3.02	
	For Elevated Installation >30' To 35', Add	3.45	
	For Elevated Installation >35' To 40', Add	4.32	
	For Elevated Installation >40', Add	4.75	
26 05 33 13-0565	EA 1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	10.21	4.80
	For Work In Restricted Working Space, Add	2.88	
	For Elevated Installation >10' To 15', Add	0.96	
	For Elevated Installation >15' To 20', Add	1.92	
	For Elevated Installation >20' To 25', Add	2.40	
	For Elevated Installation >25' To 30', Add	3.36	
	For Elevated Installation >30' To 35', Add	3.84	
	For Elevated Installation >35' To 40', Add	4.80	
	For Elevated Installation >40', Add	5.27	
26 05 33 13-0566	EA 2" Zinc Plated Steel Snap-in Knock Out Seal	12.37	5.75
	For Work In Restricted Working Space, Add	3.45	
	For Elevated Installation >10' To 15', Add	1.15	
	For Elevated Installation >15' To 20', Add	2.30	
	For Elevated Installation >20' To 25', Add	2.88	
	For Elevated Installation >25' To 30', Add	4.03	
	For Elevated Installation >30' To 35', Add	4.60	
	For Elevated Installation >35' To 40', Add	5.75	
	For Elevated Installation >40', Add	6.33	
26 05 33 13-0567	Zinc Plated Steel 3-Piece Knock Out Seal <small>(26 05 33 13-0059)</small>		
26 05 33 13-0568	EA 1/2" Zinc Plated Steel 3-Piece Knock Out Seal	5.78	2.39
	For Work In Restricted Working Space, Add	1.44	
	For Elevated Installation >10' To 15', Add	0.48	
	For Elevated Installation >15' To 20', Add	0.96	
	For Elevated Installation >20' To 25', Add	1.20	
	For Elevated Installation >25' To 30', Add	1.68	
	For Elevated Installation >30' To 35', Add	1.92	
	For Elevated Installation >35' To 40', Add	2.40	
	For Elevated Installation >40', Add	2.64	
26 05 33 13-0569	EA 3/4" Zinc Plated Steel 3-Piece Knock Out Seal	6.88	2.88
	For Work In Restricted Working Space, Add	1.73	
	For Elevated Installation >10' To 15', Add	0.58	
	For Elevated Installation >15' To 20', Add	1.15	
	For Elevated Installation >20' To 25', Add	1.44	
	For Elevated Installation >25' To 30', Add	2.01	
	For Elevated Installation >30' To 35', Add	2.30	
	For Elevated Installation >35' To 40', Add	2.88	
	For Elevated Installation >40', Add	3.16	
26 05 33 13-0570	EA 1" Zinc Plated Steel 3-Piece Knock Out Seal	8.28	3.36
	For Work In Restricted Working Space, Add	2.01	
	For Elevated Installation >10' To 15', Add	0.67	
	For Elevated Installation >15' To 20', Add	1.34	
	For Elevated Installation >20' To 25', Add	1.68	
	For Elevated Installation >25' To 30', Add	2.35	
	For Elevated Installation >30' To 35', Add	2.68	
	For Elevated Installation >35' To 40', Add	3.36	
	For Elevated Installation >40', Add	3.69	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0571	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	10.65	4.32
		For Work In Restricted Working Space, Add	2.59	
		For Elevated Installation >10' To 15', Add	0.86	
		For Elevated Installation >15' To 20', Add	1.73	
		For Elevated Installation >20' To 25', Add	2.16	
		For Elevated Installation >25' To 30', Add	3.02	
		For Elevated Installation >30' To 35', Add	3.45	
		For Elevated Installation >35' To 40', Add	4.32	
		For Elevated Installation >40', Add	4.75	
26 05 33 13-0572	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	12.81	4.80
		For Work In Restricted Working Space, Add	2.88	
		For Elevated Installation >10' To 15', Add	0.96	
		For Elevated Installation >15' To 20', Add	1.92	
		For Elevated Installation >20' To 25', Add	2.40	
		For Elevated Installation >25' To 30', Add	3.36	
		For Elevated Installation >30' To 35', Add	3.84	
		For Elevated Installation >35' To 40', Add	4.80	
		For Elevated Installation >40', Add	5.27	
26 05 33 13-0573	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	15.46	5.75
		For Work In Restricted Working Space, Add	3.45	
		For Elevated Installation >10' To 15', Add	1.15	
		For Elevated Installation >15' To 20', Add	2.30	
		For Elevated Installation >20' To 25', Add	2.88	
		For Elevated Installation >25' To 30', Add	4.03	
		For Elevated Installation >30' To 35', Add	4.60	
		For Elevated Installation >35' To 40', Add	5.75	
		For Elevated Installation >40', Add	6.33	
26 05 33 13-0574	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	19.05	7.19
		For Work In Restricted Working Space, Add	4.32	
		For Elevated Installation >10' To 15', Add	1.44	
		For Elevated Installation >15' To 20', Add	2.88	
		For Elevated Installation >20' To 25', Add	3.60	
		For Elevated Installation >25' To 30', Add	5.04	
		For Elevated Installation >30' To 35', Add	5.76	
		For Elevated Installation >35' To 40', Add	7.20	
		For Elevated Installation >40', Add	7.91	
26 05 33 13-0575	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	22.12	8.15
		For Work In Restricted Working Space, Add	4.89	
		For Elevated Installation >10' To 15', Add	1.63	
		For Elevated Installation >15' To 20', Add	3.26	
		For Elevated Installation >20' To 25', Add	4.08	
		For Elevated Installation >25' To 30', Add	5.71	
		For Elevated Installation >30' To 35', Add	6.52	
		For Elevated Installation >35' To 40', Add	8.15	
		For Elevated Installation >40', Add	8.97	
26 05 33 13-0576	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	26.42	9.11
		For Work In Restricted Working Space, Add	5.47	
		For Elevated Installation >10' To 15', Add	1.82	
		For Elevated Installation >15' To 20', Add	3.64	
		For Elevated Installation >20' To 25', Add	4.56	
		For Elevated Installation >25' To 30', Add	6.38	
		For Elevated Installation >30' To 35', Add	7.29	
		For Elevated Installation >35' To 40', Add	9.11	
		For Elevated Installation >40', Add	10.02	
26 05 33 13-0577	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	30.66	10.07
		For Work In Restricted Working Space, Add	6.04	
		For Elevated Installation >10' To 15', Add	2.01	
		For Elevated Installation >15' To 20', Add	4.03	
		For Elevated Installation >20' To 25', Add	5.04	
		For Elevated Installation >25' To 30', Add	7.05	
		For Elevated Installation >30' To 35', Add	8.06	
		For Elevated Installation >35' To 40', Add	10.07	
		For Elevated Installation >40', Add	11.08	
26 05 33 13-0578		Rigid Galvanized Steel (RGS) Chase Nipples <small>(26 05 33 13-0059)</small>		
26 05 33 13-0579	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	11.75	5.75
		For Work In Restricted Working Space, Add	3.45	
		For Elevated Installation >10' To 15', Add	1.15	
		For Elevated Installation >15' To 20', Add	2.30	
		For Elevated Installation >20' To 25', Add	2.88	
		For Elevated Installation >25' To 30', Add	4.03	
		For Elevated Installation >30' To 35', Add	4.60	
		For Elevated Installation >35' To 40', Add	5.75	
		For Elevated Installation >40', Add	6.33	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.45	
26 05 33 13-0580	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	13.85	6.71
		For Work In Restricted Working Space, Add	4.03	
		For Elevated Installation >10' To 15', Add	1.34	
		For Elevated Installation >15' To 20', Add	2.69	
		For Elevated Installation >20' To 25', Add	3.36	
		For Elevated Installation >25' To 30', Add	4.70	
		For Elevated Installation >30' To 35', Add	5.37	
		For Elevated Installation >35' To 40', Add	6.72	
		For Elevated Installation >40', Add	7.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.03	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0581	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple.....	17.21	8.15
		<i>For Work In Restricted Working Space, Add</i>	4.89	
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.08	
		<i>For Elevated Installation >25' To 30', Add</i>	5.71	
		<i>For Elevated Installation >30' To 35', Add</i>	6.52	
		<i>For Elevated Installation >35' To 40', Add</i>	8.15	
		<i>For Elevated Installation >40', Add</i>	8.97	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 33 13-0582	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	20.76	9.59
		<i>For Work In Restricted Working Space, Add</i>	5.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.92	
		<i>For Elevated Installation >15' To 20', Add</i>	3.84	
		<i>For Elevated Installation >20' To 25', Add</i>	4.80	
		<i>For Elevated Installation >25' To 30', Add</i>	6.71	
		<i>For Elevated Installation >30' To 35', Add</i>	7.67	
		<i>For Elevated Installation >35' To 40', Add</i>	9.59	
		<i>For Elevated Installation >40', Add</i>	10.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.75	
26 05 33 13-0583	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	26.02	11.98
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-0584	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple.....	32.07	14.39
		<i>For Work In Restricted Working Space, Add</i>	8.63	
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.75	
		<i>For Elevated Installation >20' To 25', Add</i>	7.19	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.63	
26 05 33 13-0585	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	39.85	16.78
		<i>For Work In Restricted Working Space, Add</i>	10.07	
		<i>For Elevated Installation >10' To 15', Add</i>	3.36	
		<i>For Elevated Installation >15' To 20', Add</i>	6.71	
		<i>For Elevated Installation >20' To 25', Add</i>	8.39	
		<i>For Elevated Installation >25' To 30', Add</i>	11.75	
		<i>For Elevated Installation >30' To 35', Add</i>	13.43	
		<i>For Elevated Installation >35' To 40', Add</i>	16.79	
		<i>For Elevated Installation >40', Add</i>	18.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.07	
26 05 33 13-0586	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple.....	44.80	19.18
		<i>For Work In Restricted Working Space, Add</i>	11.51	
		<i>For Elevated Installation >10' To 15', Add</i>	3.84	
		<i>For Elevated Installation >15' To 20', Add</i>	7.67	
		<i>For Elevated Installation >20' To 25', Add</i>	9.59	
		<i>For Elevated Installation >25' To 30', Add</i>	13.43	
		<i>For Elevated Installation >30' To 35', Add</i>	15.34	
		<i>For Elevated Installation >35' To 40', Add</i>	19.18	
		<i>For Elevated Installation >40', Add</i>	21.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.51	
26 05 33 13-0587	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	54.55	21.57
		<i>For Work In Restricted Working Space, Add</i>	12.95	
		<i>For Elevated Installation >10' To 15', Add</i>	4.32	
		<i>For Elevated Installation >15' To 20', Add</i>	8.63	
		<i>For Elevated Installation >20' To 25', Add</i>	10.79	
		<i>For Elevated Installation >25' To 30', Add</i>	15.11	
		<i>For Elevated Installation >30' To 35', Add</i>	17.26	
		<i>For Elevated Installation >35' To 40', Add</i>	21.58	
		<i>For Elevated Installation >40', Add</i>	23.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.95	
26 05 33 13-0588	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple.....	71.82	23.98
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	

26 05 33 13-0589 Rigid Galvanized Steel (RGS) Pulling Elbow (26 05 33 13-0059)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0590 EA 1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	21.60	8.63
For Work In Restricted Working Space, Add	5.18	
For Elevated Installation >10' To 15', Add	1.73	
For Elevated Installation >15' To 20', Add	3.45	
For Elevated Installation >20' To 25', Add	4.32	
For Elevated Installation >25' To 30', Add	6.04	
For Elevated Installation >30' To 35', Add	6.91	
For Elevated Installation >35' To 40', Add	8.64	
For Elevated Installation >40', Add	9.50	
26 05 33 13-0591 EA 3/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	25.11	10.07
For Work In Restricted Working Space, Add	6.04	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.03	
For Elevated Installation >20' To 25', Add	5.04	
For Elevated Installation >25' To 30', Add	7.05	
For Elevated Installation >30' To 35', Add	8.06	
For Elevated Installation >35' To 40', Add	10.07	
For Elevated Installation >40', Add	11.08	
26 05 33 13-0592 EA 1" Rigid Galvanized Steel (RGS) Pulling Elbow.....	31.27	11.50
For Work In Restricted Working Space, Add	6.91	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.60	
For Elevated Installation >20' To 25', Add	5.76	
For Elevated Installation >25' To 30', Add	8.06	
For Elevated Installation >30' To 35', Add	9.21	
For Elevated Installation >35' To 40', Add	11.51	
For Elevated Installation >40', Add	12.66	
26 05 33 13-0593 EA 1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	39.88	14.39
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
26 05 33 13-0594 EA 1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	52.16	17.27
For Work In Restricted Working Space, Add	10.36	
For Elevated Installation >10' To 15', Add	3.45	
For Elevated Installation >15' To 20', Add	6.90	
For Elevated Installation >20' To 25', Add	8.63	
For Elevated Installation >25' To 30', Add	12.08	
For Elevated Installation >30' To 35', Add	13.81	
For Elevated Installation >35' To 40', Add	17.26	
For Elevated Installation >40', Add	18.99	
26 05 33 13-0595 EA 2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	68.19	20.14
For Work In Restricted Working Space, Add	12.08	
For Elevated Installation >10' To 15', Add	4.03	
For Elevated Installation >15' To 20', Add	8.05	
For Elevated Installation >20' To 25', Add	10.07	
For Elevated Installation >25' To 30', Add	14.09	
For Elevated Installation >30' To 35', Add	16.11	
For Elevated Installation >35' To 40', Add	20.14	
For Elevated Installation >40', Add	22.15	
26 05 33 13-0596 EA 2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	92.12	23.02
For Work In Restricted Working Space, Add	13.81	
For Elevated Installation >10' To 15', Add	4.60	
For Elevated Installation >15' To 20', Add	9.21	
For Elevated Installation >20' To 25', Add	11.51	
For Elevated Installation >25' To 30', Add	16.11	
For Elevated Installation >30' To 35', Add	18.41	
For Elevated Installation >35' To 40', Add	23.02	
For Elevated Installation >40', Add	25.32	
26 05 33 13-0597 EA 3" Rigid Galvanized Steel (RGS) Pulling Elbow.....	155.18	28.77
For Work In Restricted Working Space, Add	17.26	
For Elevated Installation >10' To 15', Add	5.75	
For Elevated Installation >15' To 20', Add	11.51	
For Elevated Installation >20' To 25', Add	14.39	
For Elevated Installation >25' To 30', Add	20.14	
For Elevated Installation >30' To 35', Add	23.02	
For Elevated Installation >35' To 40', Add	28.77	
For Elevated Installation >40', Add	31.65	

- 26 05 33 13-0598 **Electrical Metallic Tubing (EMT) Thinwall Conduit** (26 05 33 13-0058)
 Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.
- 26 05 33 13-0599 **Electrical Metallic Tubing (EMT) Thinwall Conduit** (26 05 33 13-0058)
 Note: Includes field bending conduit up to and including 1".

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0600	LF	1/2" Electrical Metallic Tubing (EMT) Conduit.....	4.78	1.72
			For Work In Restricted Working Space, Add	1.30	
			For Elevated Installation >10' To 15', Add	0.43	
			For Elevated Installation >15' To 20', Add	0.86	
			For Elevated Installation >20' To 25', Add	1.08	
			For Elevated Installation >25' To 30', Add	1.51	
			For Elevated Installation >30' To 35', Add	1.73	
			For Elevated Installation >35' To 40', Add	2.16	
			For Elevated Installation >40', Add	2.38	
			For >250 To 500, Deduct	-0.02	
			For >500 To 1,000, Deduct	-0.25	
			For >1,000, Deduct	-0.37	
			For Installation In Metal Stud Wall, Add	0.43	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.08	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.65	
			For Factory Applied Color Coating, Add	0.14	
26 05 33	13-0601	LF	3/4" Electrical Metallic Tubing (EMT) Conduit.....	5.52	1.91
			For Work In Restricted Working Space, Add	1.44	
			For Elevated Installation >10' To 15', Add	0.48	
			For Elevated Installation >15' To 20', Add	0.96	
			For Elevated Installation >20' To 25', Add	1.20	
			For Elevated Installation >25' To 30', Add	1.68	
			For Elevated Installation >30' To 35', Add	1.92	
			For Elevated Installation >35' To 40', Add	2.40	
			For Elevated Installation >40', Add	2.64	
			For >250 To 500, Deduct	-0.04	
			For >500 To 1,000, Deduct	-0.29	
			For >1,000, Deduct	-0.43	
			For Installation In Metal Stud Wall, Add	0.48	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.20	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.72	
			For Factory Applied Color Coating, Add	0.22	
26 05 33	13-0602	LF	1" Electrical Metallic Tubing (EMT) Conduit.....	6.48	2.11
			For Work In Restricted Working Space, Add	1.58	
			For Elevated Installation >10' To 15', Add	0.53	
			For Elevated Installation >15' To 20', Add	1.05	
			For Elevated Installation >20' To 25', Add	1.32	
			For Elevated Installation >25' To 30', Add	1.84	
			For Elevated Installation >30' To 35', Add	2.11	
			For Elevated Installation >35' To 40', Add	2.64	
			For Elevated Installation >40', Add	2.90	
			For >250 To 500, Deduct	-0.06	
			For >500 To 1,000, Deduct	-0.35	
			For >1,000, Deduct	-0.52	
			For Installation In Metal Stud Wall, Add	0.53	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.32	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.79	
			For Factory Applied Color Coating, Add	0.36	
26 05 33	13-0603	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit.....	7.84	2.37
			For Work In Restricted Working Space, Add	1.78	
			For Elevated Installation >10' To 15', Add	0.59	
			For Elevated Installation >15' To 20', Add	1.19	
			For Elevated Installation >20' To 25', Add	1.49	
			For Elevated Installation >25' To 30', Add	2.08	
			For Elevated Installation >30' To 35', Add	2.38	
			For Elevated Installation >35' To 40', Add	2.97	
			For Elevated Installation >40', Add	3.27	
			For >250 To 500, Deduct	-0.10	
			For >500 To 1,000, Deduct	-0.44	
			For >1,000, Deduct	-0.64	
			For Installation In Metal Stud Wall, Add	0.59	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.49	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.89	
			For Factory Applied Color Coating, Add	0.57	
26 05 33	13-0604	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit.....	9.08	2.69
			For Work In Restricted Working Space, Add	2.01	
			For Elevated Installation >10' To 15', Add	0.67	
			For Elevated Installation >15' To 20', Add	1.34	
			For Elevated Installation >20' To 25', Add	1.68	
			For Elevated Installation >25' To 30', Add	2.35	
			For Elevated Installation >30' To 35', Add	2.68	
			For Elevated Installation >35' To 40', Add	3.36	
			For Elevated Installation >40', Add	3.69	
			For >250 To 500, Deduct	-0.12	
			For >500 To 1,000, Deduct	-0.51	
			For >1,000, Deduct	-0.74	
			For Installation In Metal Stud Wall, Add	0.67	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.68	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.01	
			For Factory Applied Color Coating, Add	0.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0605 LF 2" Electrical Metallic Tubing (EMT) Conduit.....	10.49	3.07
For Work In Restricted Working Space, Add	2.30	
For Elevated Installation >10' To 15', Add	0.77	
For Elevated Installation >15' To 20', Add	1.54	
For Elevated Installation >20' To 25', Add	1.92	
For Elevated Installation >25' To 30', Add	2.69	
For Elevated Installation >30' To 35', Add	3.07	
For Elevated Installation >35' To 40', Add	3.84	
For Elevated Installation >40', Add	4.22	
For >250 To 500, Deduct	-0.14	
For >500 To 1,000, Deduct	-0.59	
For >1,000, Deduct	-0.86	
For Installation In Metal Stud Wall, Add	0.77	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.92	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.15	
For Factory Applied Color Coating, Add	0.84	
26 05 33 13-0606 LF 2-1/2" Electrical Metallic Tubing (EMT) Conduit	13.27	3.65
For Work In Restricted Working Space, Add	2.73	
For Elevated Installation >10' To 15', Add	0.91	
For Elevated Installation >15' To 20', Add	1.82	
For Elevated Installation >20' To 25', Add	2.28	
For Elevated Installation >25' To 30', Add	3.19	
For Elevated Installation >30' To 35', Add	3.64	
For Elevated Installation >35' To 40', Add	4.56	
For Elevated Installation >40', Add	5.01	
For >250 To 500, Deduct	-0.21	
For >500 To 1,000, Deduct	-0.77	
For >1,000, Deduct	-1.10	
For Installation In Metal Stud Wall, Add	0.91	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.28	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.37	
For Factory Applied Color Coating, Add	1.25	
26 05 33 13-0607 LF 3" Electrical Metallic Tubing (EMT) Conduit.....	15.76	4.22
For Work In Restricted Working Space, Add	3.17	
For Elevated Installation >10' To 15', Add	1.06	
For Elevated Installation >15' To 20', Add	2.11	
For Elevated Installation >20' To 25', Add	2.64	
For Elevated Installation >25' To 30', Add	3.69	
For Elevated Installation >30' To 35', Add	4.22	
For Elevated Installation >35' To 40', Add	5.28	
For Elevated Installation >40', Add	5.80	
For >250 To 500, Deduct	-0.26	
For >500 To 1,000, Deduct	-0.92	
For >1,000, Deduct	-1.31	
For Installation In Metal Stud Wall, Add	1.06	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.64	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.58	
For Factory Applied Color Coating, Add	1.56	
26 05 33 13-0608 LF 3-1/2" Electrical Metallic Tubing (EMT) Conduit	19.43	4.99
For Work In Restricted Working Space, Add	3.74	
For Elevated Installation >10' To 15', Add	1.25	
For Elevated Installation >15' To 20', Add	2.49	
For Elevated Installation >20' To 25', Add	3.12	
For Elevated Installation >25' To 30', Add	4.36	
For Elevated Installation >30' To 35', Add	4.99	
For Elevated Installation >35' To 40', Add	6.24	
For Elevated Installation >40', Add	6.86	
For >250 To 500, Deduct	-0.35	
For >500 To 1,000, Deduct	-1.15	
For >1,000, Deduct	-1.63	
For Installation In Metal Stud Wall, Add	1.25	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.12	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.87	
For Factory Applied Color Coating, Add	2.09	
26 05 33 13-0609 LF 4" Electrical Metallic Tubing (EMT) Conduit.....	25.21	7.23
For Work In Restricted Working Space, Add	5.42	
For Elevated Installation >10' To 15', Add	1.81	
For Elevated Installation >15' To 20', Add	3.62	
For Elevated Installation >20' To 25', Add	4.52	
For Elevated Installation >25' To 30', Add	6.33	
For Elevated Installation >30' To 35', Add	7.23	
For Elevated Installation >35' To 40', Add	9.04	
For Elevated Installation >40', Add	9.94	
For >250 To 500, Deduct	-0.36	
For >500 To 1,000, Deduct	-1.44	
For >1,000, Deduct	-2.07	
For Installation In Metal Stud Wall, Add	1.81	
For Installation In Wood Stud Wall (Includes Drilling), Add	4.52	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.71	
For Factory Applied Color Coating, Add	2.14	

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows (26 05 33 13-0598)
 See CSI section 26 05 33 13-2245 for conduit field bending.

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0611	EA 1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	11.92	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Elevated Installation >10' To 15', Add	1.06	
	For Elevated Installation >15' To 20', Add	2.11	
	For Elevated Installation >20' To 25', Add	2.64	
	For Elevated Installation >25' To 30', Add	3.69	
	For Elevated Installation >30' To 35', Add	4.22	
	For Elevated Installation >35' To 40', Add	5.28	
	For Elevated Installation >40', Add	5.80	
26 05 33 13-0612	EA 3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	12.72	4.60
	For Work In Restricted Working Space, Add	3.45	
	For Elevated Installation >10' To 15', Add	1.15	
	For Elevated Installation >15' To 20', Add	2.30	
	For Elevated Installation >20' To 25', Add	2.88	
	For Elevated Installation >25' To 30', Add	4.03	
	For Elevated Installation >30' To 35', Add	4.60	
	For Elevated Installation >35' To 40', Add	5.75	
	For Elevated Installation >40', Add	6.33	
26 05 33 13-0613	EA 1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	15.35	5.37
	For Work In Restricted Working Space, Add	4.03	
	For Elevated Installation >10' To 15', Add	1.34	
	For Elevated Installation >15' To 20', Add	2.69	
	For Elevated Installation >20' To 25', Add	3.36	
	For Elevated Installation >25' To 30', Add	4.70	
	For Elevated Installation >30' To 35', Add	5.37	
	For Elevated Installation >35' To 40', Add	6.72	
	For Elevated Installation >40', Add	7.39	
26 05 33 13-0614	EA 1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	16.78	5.75
	For Work In Restricted Working Space, Add	4.32	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.04	
	For Elevated Installation >30' To 35', Add	5.76	
	For Elevated Installation >35' To 40', Add	7.20	
	For Elevated Installation >40', Add	7.91	
26 05 33 13-0615	EA 1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	19.95	6.90
	For Work In Restricted Working Space, Add	5.18	
	For Elevated Installation >10' To 15', Add	1.73	
	For Elevated Installation >15' To 20', Add	3.45	
	For Elevated Installation >20' To 25', Add	4.32	
	For Elevated Installation >25' To 30', Add	6.04	
	For Elevated Installation >30' To 35', Add	6.91	
	For Elevated Installation >35' To 40', Add	8.64	
	For Elevated Installation >40', Add	9.50	
26 05 33 13-0616	EA 2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	26.01	8.82
	For Work In Restricted Working Space, Add	6.62	
	For Elevated Installation >10' To 15', Add	2.21	
	For Elevated Installation >15' To 20', Add	4.41	
	For Elevated Installation >20' To 25', Add	5.51	
	For Elevated Installation >25' To 30', Add	7.72	
	For Elevated Installation >30' To 35', Add	8.82	
	For Elevated Installation >35' To 40', Add	11.03	
	For Elevated Installation >40', Add	12.13	
26 05 33 13-0617	EA 2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	33.69	9.97
	For Work In Restricted Working Space, Add	7.48	
	For Elevated Installation >10' To 15', Add	2.49	
	For Elevated Installation >15' To 20', Add	4.99	
	For Elevated Installation >20' To 25', Add	6.23	
	For Elevated Installation >25' To 30', Add	8.73	
	For Elevated Installation >30' To 35', Add	9.97	
	For Elevated Installation >35' To 40', Add	12.47	
	For Elevated Installation >40', Add	13.71	
26 05 33 13-0618	EA 3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	41.96	11.12
	For Work In Restricted Working Space, Add	8.35	
	For Elevated Installation >10' To 15', Add	2.78	
	For Elevated Installation >15' To 20', Add	5.56	
	For Elevated Installation >20' To 25', Add	6.96	
	For Elevated Installation >25' To 30', Add	9.74	
	For Elevated Installation >30' To 35', Add	11.13	
	For Elevated Installation >35' To 40', Add	13.91	
	For Elevated Installation >40', Add	15.30	
26 05 33 13-0619	EA 3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	47.41	12.27
	For Work In Restricted Working Space, Add	9.20	
	For Elevated Installation >10' To 15', Add	3.07	
	For Elevated Installation >15' To 20', Add	6.14	
	For Elevated Installation >20' To 25', Add	7.67	
	For Elevated Installation >25' To 30', Add	10.74	
	For Elevated Installation >30' To 35', Add	12.27	
	For Elevated Installation >35' To 40', Add	15.34	
	For Elevated Installation >40', Add	16.87	
26 05 33 13-0620	EA 4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	101.83	31.64
	For Work In Restricted Working Space, Add	23.73	
	For Elevated Installation >10' To 15', Add	7.91	
	For Elevated Installation >15' To 20', Add	15.82	
	For Elevated Installation >20' To 25', Add	19.78	
	For Elevated Installation >25' To 30', Add	27.69	
	For Elevated Installation >30' To 35', Add	31.64	
	For Elevated Installation >35' To 40', Add	39.55	
	For Elevated Installation >40', Add	43.51	

MINOR	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

26 05 33 13-0621	Electrical Metallic Tubing (EMT) 45 Degree Elbows <small>(26 05 33 13-0598)</small> See CSI section 26 05 33 13-2245 for conduit field bending.		
26 05 33 13-0622	EA 1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	11.78	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Elevated Installation >10' To 15', Add	1.06	
	For Elevated Installation >15' To 20', Add	2.11	
	For Elevated Installation >20' To 25', Add	2.64	
	For Elevated Installation >25' To 30', Add	3.69	
	For Elevated Installation >30' To 35', Add	4.22	
	For Elevated Installation >35' To 40', Add	5.28	
	For Elevated Installation >40', Add	5.80	
26 05 33 13-0623	EA 3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	12.81	4.60
	For Work In Restricted Working Space, Add	3.45	
	For Elevated Installation >10' To 15', Add	1.15	
	For Elevated Installation >15' To 20', Add	2.30	
	For Elevated Installation >20' To 25', Add	2.88	
	For Elevated Installation >25' To 30', Add	4.03	
	For Elevated Installation >30' To 35', Add	4.60	
	For Elevated Installation >35' To 40', Add	5.75	
	For Elevated Installation >40', Add	6.33	
26 05 33 13-0624	EA 1" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	15.54	5.37
	For Work In Restricted Working Space, Add	4.03	
	For Elevated Installation >10' To 15', Add	1.34	
	For Elevated Installation >15' To 20', Add	2.69	
	For Elevated Installation >20' To 25', Add	3.36	
	For Elevated Installation >25' To 30', Add	4.70	
	For Elevated Installation >30' To 35', Add	5.37	
	For Elevated Installation >35' To 40', Add	6.72	
	For Elevated Installation >40', Add	7.39	
26 05 33 13-0625	EA 1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	17.14	5.75
	For Work In Restricted Working Space, Add	4.32	
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.04	
	For Elevated Installation >30' To 35', Add	5.76	
	For Elevated Installation >35' To 40', Add	7.20	
	For Elevated Installation >40', Add	7.91	
26 05 33 13-0626	EA 1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	20.41	6.90
	For Work In Restricted Working Space, Add	5.18	
	For Elevated Installation >10' To 15', Add	1.73	
	For Elevated Installation >15' To 20', Add	3.45	
	For Elevated Installation >20' To 25', Add	4.32	
	For Elevated Installation >25' To 30', Add	6.04	
	For Elevated Installation >30' To 35', Add	6.91	
	For Elevated Installation >35' To 40', Add	8.64	
	For Elevated Installation >40', Add	9.50	
26 05 33 13-0627	EA 2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	25.86	8.82
	For Work In Restricted Working Space, Add	6.62	
	For Elevated Installation >10' To 15', Add	2.21	
	For Elevated Installation >15' To 20', Add	4.41	
	For Elevated Installation >20' To 25', Add	5.51	
	For Elevated Installation >25' To 30', Add	7.72	
	For Elevated Installation >30' To 35', Add	8.82	
	For Elevated Installation >35' To 40', Add	11.03	
	For Elevated Installation >40', Add	12.13	
26 05 33 13-0628	EA 2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	35.03	9.97
	For Work In Restricted Working Space, Add	7.48	
	For Elevated Installation >10' To 15', Add	2.49	
	For Elevated Installation >15' To 20', Add	4.99	
	For Elevated Installation >20' To 25', Add	6.23	
	For Elevated Installation >25' To 30', Add	8.73	
	For Elevated Installation >30' To 35', Add	9.97	
	For Elevated Installation >35' To 40', Add	12.47	
	For Elevated Installation >40', Add	13.71	
26 05 33 13-0629	EA 3" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	43.02	11.12
	For Work In Restricted Working Space, Add	8.35	
	For Elevated Installation >10' To 15', Add	2.78	
	For Elevated Installation >15' To 20', Add	5.56	
	For Elevated Installation >20' To 25', Add	6.96	
	For Elevated Installation >25' To 30', Add	9.74	
	For Elevated Installation >30' To 35', Add	11.13	
	For Elevated Installation >35' To 40', Add	13.91	
	For Elevated Installation >40', Add	15.30	
26 05 33 13-0630	EA 3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	50.30	12.27
	For Work In Restricted Working Space, Add	9.20	
	For Elevated Installation >10' To 15', Add	3.07	
	For Elevated Installation >15' To 20', Add	6.14	
	For Elevated Installation >20' To 25', Add	7.67	
	For Elevated Installation >25' To 30', Add	10.74	
	For Elevated Installation >30' To 35', Add	12.27	
	For Elevated Installation >35' To 40', Add	15.34	
	For Elevated Installation >40', Add	16.87	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0631	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	99.81	31.64
		<i>For Work In Restricted Working Space, Add</i>	23.73	
		<i>For Elevated Installation >10' To 15', Add</i>	7.91	
		<i>For Elevated Installation >15' To 20', Add</i>	15.82	
		<i>For Elevated Installation >20' To 25', Add</i>	19.78	
		<i>For Elevated Installation >25' To 30', Add</i>	27.69	
		<i>For Elevated Installation >30' To 35', Add</i>	31.64	
		<i>For Elevated Installation >35' To 40', Add</i>	39.55	
		<i>For Elevated Installation >40', Add</i>	43.51	
26 05 33 13-0632		Electrical Metallic Tubing (EMT) Set Screw Couplings <small>(26 05 33 13-0598)</small>		
26 05 33 13-0633	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	4.96	2.30
		<i>For Work In Restricted Working Space, Add</i>	1.44	
		<i>For Elevated Installation >10' To 15', Add</i>	0.48	
		<i>For Elevated Installation >15' To 20', Add</i>	0.96	
		<i>For Elevated Installation >20' To 25', Add</i>	1.20	
		<i>For Elevated Installation >25' To 30', Add</i>	1.68	
		<i>For Elevated Installation >30' To 35', Add</i>	1.92	
		<i>For Elevated Installation >35' To 40', Add</i>	2.40	
		<i>For Elevated Installation >40', Add</i>	2.64	
26 05 33 13-0634	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	5.98	2.30
		<i>For Work In Restricted Working Space, Add</i>	1.73	
		<i>For Elevated Installation >10' To 15', Add</i>	0.58	
		<i>For Elevated Installation >15' To 20', Add</i>	1.15	
		<i>For Elevated Installation >20' To 25', Add</i>	1.44	
		<i>For Elevated Installation >25' To 30', Add</i>	2.01	
		<i>For Elevated Installation >30' To 35', Add</i>	2.30	
		<i>For Elevated Installation >35' To 40', Add</i>	2.88	
		<i>For Elevated Installation >40', Add</i>	3.16	
26 05 33 13-0635	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	7.06	2.69
		<i>For Work In Restricted Working Space, Add</i>	2.01	
		<i>For Elevated Installation >10' To 15', Add</i>	0.67	
		<i>For Elevated Installation >15' To 20', Add</i>	1.34	
		<i>For Elevated Installation >20' To 25', Add</i>	1.68	
		<i>For Elevated Installation >25' To 30', Add</i>	2.35	
		<i>For Elevated Installation >30' To 35', Add</i>	2.68	
		<i>For Elevated Installation >35' To 40', Add</i>	3.36	
		<i>For Elevated Installation >40', Add</i>	3.69	
26 05 33 13-0636	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	9.40	3.46
		<i>For Work In Restricted Working Space, Add</i>	2.59	
		<i>For Elevated Installation >10' To 15', Add</i>	0.86	
		<i>For Elevated Installation >15' To 20', Add</i>	1.73	
		<i>For Elevated Installation >20' To 25', Add</i>	2.16	
		<i>For Elevated Installation >25' To 30', Add</i>	3.02	
		<i>For Elevated Installation >30' To 35', Add</i>	3.45	
		<i>For Elevated Installation >35' To 40', Add</i>	4.32	
		<i>For Elevated Installation >40', Add</i>	4.75	
26 05 33 13-0637	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	11.57	4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17	
		<i>For Elevated Installation >10' To 15', Add</i>	1.06	
		<i>For Elevated Installation >15' To 20', Add</i>	2.11	
		<i>For Elevated Installation >20' To 25', Add</i>	2.64	
		<i>For Elevated Installation >25' To 30', Add</i>	3.69	
		<i>For Elevated Installation >30' To 35', Add</i>	4.22	
		<i>For Elevated Installation >35' To 40', Add</i>	5.28	
		<i>For Elevated Installation >40', Add</i>	5.80	
26 05 33 13-0638	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	15.74	5.75
		<i>For Work In Restricted Working Space, Add</i>	4.31	
		<i>For Elevated Installation >10' To 15', Add</i>	1.44	
		<i>For Elevated Installation >15' To 20', Add</i>	2.88	
		<i>For Elevated Installation >20' To 25', Add</i>	3.60	
		<i>For Elevated Installation >25' To 30', Add</i>	5.03	
		<i>For Elevated Installation >30' To 35', Add</i>	5.75	
		<i>For Elevated Installation >35' To 40', Add</i>	7.19	
		<i>For Elevated Installation >40', Add</i>	7.91	
26 05 33 13-0639	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	21.56	7.68
		<i>For Work In Restricted Working Space, Add</i>	5.75	
		<i>For Elevated Installation >10' To 15', Add</i>	1.92	
		<i>For Elevated Installation >15' To 20', Add</i>	3.84	
		<i>For Elevated Installation >20' To 25', Add</i>	4.80	
		<i>For Elevated Installation >25' To 30', Add</i>	6.71	
		<i>For Elevated Installation >30' To 35', Add</i>	7.67	
		<i>For Elevated Installation >35' To 40', Add</i>	9.59	
		<i>For Elevated Installation >40', Add</i>	10.55	
26 05 33 13-0640	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	27.68	8.82
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0641 EA 3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	31.70	9.59
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.75	
For Elevated Installation >20' To 25', Add	7.19	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.82	
26 05 33 13-0642 EA 4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	90.09	26.22
For Work In Restricted Working Space, Add	25.46	
For Elevated Installation >10' To 15', Add	8.49	
For Elevated Installation >15' To 20', Add	16.97	
For Elevated Installation >20' To 25', Add	21.22	
For Elevated Installation >25' To 30', Add	29.70	
For Elevated Installation >30' To 35', Add	33.95	
For Elevated Installation >35' To 40', Add	42.44	
For Elevated Installation >40', Add	46.68	
26 05 33 13-0643 Electrical Metallic Tubing (EMT) Compression Couplings (26 05 33 13-0598)		
26 05 33 13-0644 EA 1/2 Electrical Metallic Tubing (EMT) Compression Coupling.....	6.14	2.30
For Work In Restricted Working Space, Add	1.73	
For Elevated Installation >10' To 15', Add	0.58	
For Elevated Installation >15' To 20', Add	1.15	
For Elevated Installation >20' To 25', Add	1.44	
For Elevated Installation >25' To 30', Add	2.01	
For Elevated Installation >30' To 35', Add	2.30	
For Elevated Installation >35' To 40', Add	2.88	
For Elevated Installation >40', Add	3.16	
26 05 33 13-0645 EA 3/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	7.14	2.69
For Work In Restricted Working Space, Add	2.01	
For Elevated Installation >10' To 15', Add	0.67	
For Elevated Installation >15' To 20', Add	1.34	
For Elevated Installation >20' To 25', Add	1.68	
For Elevated Installation >25' To 30', Add	2.35	
For Elevated Installation >30' To 35', Add	2.68	
For Elevated Installation >35' To 40', Add	3.36	
For Elevated Installation >40', Add	3.69	
26 05 33 13-0646 EA 1" Electrical Metallic Tubing (EMT) Compression Coupling.....	10.19	3.84
For Work In Restricted Working Space, Add	2.88	
For Elevated Installation >10' To 15', Add	0.96	
For Elevated Installation >15' To 20', Add	1.92	
For Elevated Installation >20' To 25', Add	2.40	
For Elevated Installation >25' To 30', Add	3.36	
For Elevated Installation >30' To 35', Add	3.84	
For Elevated Installation >35' To 40', Add	4.80	
For Elevated Installation >40', Add	5.27	
26 05 33 13-0647 EA 1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	12.75	4.60
For Work In Restricted Working Space, Add	3.45	
For Elevated Installation >10' To 15', Add	1.15	
For Elevated Installation >15' To 20', Add	2.30	
For Elevated Installation >20' To 25', Add	2.88	
For Elevated Installation >25' To 30', Add	4.03	
For Elevated Installation >30' To 35', Add	4.60	
For Elevated Installation >35' To 40', Add	5.75	
For Elevated Installation >40', Add	6.33	
26 05 33 13-0648 EA 1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	15.19	5.37
For Work In Restricted Working Space, Add	4.03	
For Elevated Installation >10' To 15', Add	1.34	
For Elevated Installation >15' To 20', Add	2.69	
For Elevated Installation >20' To 25', Add	3.36	
For Elevated Installation >25' To 30', Add	4.70	
For Elevated Installation >30' To 35', Add	5.37	
For Elevated Installation >35' To 40', Add	6.72	
For Elevated Installation >40', Add	7.39	
26 05 33 13-0649 EA 2" Electrical Metallic Tubing (EMT) Compression Coupling.....	20.04	6.90
For Work In Restricted Working Space, Add	5.18	
For Elevated Installation >10' To 15', Add	1.73	
For Elevated Installation >15' To 20', Add	3.45	
For Elevated Installation >20' To 25', Add	4.32	
For Elevated Installation >25' To 30', Add	6.04	
For Elevated Installation >30' To 35', Add	6.91	
For Elevated Installation >35' To 40', Add	8.64	
For Elevated Installation >40', Add	9.50	
26 05 33 13-0650 EA 2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	30.25	9.21
For Work In Restricted Working Space, Add	6.91	
For Elevated Installation >10' To 15', Add	2.30	
For Elevated Installation >15' To 20', Add	4.60	
For Elevated Installation >20' To 25', Add	5.76	
For Elevated Installation >25' To 30', Add	8.06	
For Elevated Installation >30' To 35', Add	9.21	
For Elevated Installation >35' To 40', Add	11.51	
For Elevated Installation >40', Add	12.66	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0651	EA		3" Electrical Metallic Tubing (EMT) Compression Coupling.....	35.06	10.74
			<i>For Work In Restricted Working Space, Add</i>	8.06	
			<i>For Elevated Installation >10' To 15', Add</i>	2.69	
			<i>For Elevated Installation >15' To 20', Add</i>	5.37	
			<i>For Elevated Installation >20' To 25', Add</i>	6.71	
			<i>For Elevated Installation >25' To 30', Add</i>	9.40	
			<i>For Elevated Installation >30' To 35', Add</i>	10.74	
			<i>For Elevated Installation >35' To 40', Add</i>	13.43	
			<i>For Elevated Installation >40', Add</i>	14.77	
26 05 33 13-0652	EA		3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	43.85	13.43
			<i>For Work In Restricted Working Space, Add</i>	10.07	
			<i>For Elevated Installation >10' To 15', Add</i>	3.36	
			<i>For Elevated Installation >15' To 20', Add</i>	6.71	
			<i>For Elevated Installation >20' To 25', Add</i>	8.39	
			<i>For Elevated Installation >25' To 30', Add</i>	11.75	
			<i>For Elevated Installation >30' To 35', Add</i>	13.43	
			<i>For Elevated Installation >35' To 40', Add</i>	16.79	
			<i>For Elevated Installation >40', Add</i>	18.46	
26 05 33 13-0653	EA		4" Electrical Metallic Tubing (EMT) Compression Coupling.....	56.26	17.27
			<i>For Work In Restricted Working Space, Add</i>	12.95	
			<i>For Elevated Installation >10' To 15', Add</i>	4.32	
			<i>For Elevated Installation >15' To 20', Add</i>	8.63	
			<i>For Elevated Installation >20' To 25', Add</i>	10.79	
			<i>For Elevated Installation >25' To 30', Add</i>	15.11	
			<i>For Elevated Installation >30' To 35', Add</i>	17.26	
			<i>For Elevated Installation >35' To 40', Add</i>	21.58	
			<i>For Elevated Installation >40', Add</i>	23.74	
26 05 33 13-0654			Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw <small>(26 05 33 13-0598)</small>		
26 05 33 13-0655	EA		1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	4.93	1.91
			<i>For Work In Restricted Working Space, Add</i>	1.44	
			<i>For Elevated Installation >10' To 15', Add</i>	0.48	
			<i>For Elevated Installation >15' To 20', Add</i>	0.96	
			<i>For Elevated Installation >20' To 25', Add</i>	1.20	
			<i>For Elevated Installation >25' To 30', Add</i>	1.68	
			<i>For Elevated Installation >30' To 35', Add</i>	1.92	
			<i>For Elevated Installation >35' To 40', Add</i>	2.40	
			<i>For Elevated Installation >40', Add</i>	2.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.44	
26 05 33 13-0656	EA		3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	5.95	2.30
			<i>For Work In Restricted Working Space, Add</i>	1.73	
			<i>For Elevated Installation >10' To 15', Add</i>	0.58	
			<i>For Elevated Installation >15' To 20', Add</i>	1.15	
			<i>For Elevated Installation >20' To 25', Add</i>	1.44	
			<i>For Elevated Installation >25' To 30', Add</i>	2.01	
			<i>For Elevated Installation >30' To 35', Add</i>	2.30	
			<i>For Elevated Installation >35' To 40', Add</i>	2.88	
			<i>For Elevated Installation >40', Add</i>	3.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.73	
26 05 33 13-0657	EA		1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	7.06	2.69
			<i>For Work In Restricted Working Space, Add</i>	2.01	
			<i>For Elevated Installation >10' To 15', Add</i>	0.67	
			<i>For Elevated Installation >15' To 20', Add</i>	1.34	
			<i>For Elevated Installation >20' To 25', Add</i>	1.68	
			<i>For Elevated Installation >25' To 30', Add</i>	2.35	
			<i>For Elevated Installation >30' To 35', Add</i>	2.68	
			<i>For Elevated Installation >35' To 40', Add</i>	3.36	
			<i>For Elevated Installation >40', Add</i>	3.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.01	
26 05 33 13-0658	EA		1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	10.24	3.84
			<i>For Work In Restricted Working Space, Add</i>	2.88	
			<i>For Elevated Installation >10' To 15', Add</i>	0.96	
			<i>For Elevated Installation >15' To 20', Add</i>	1.92	
			<i>For Elevated Installation >20' To 25', Add</i>	2.40	
			<i>For Elevated Installation >25' To 30', Add</i>	3.36	
			<i>For Elevated Installation >30' To 35', Add</i>	3.84	
			<i>For Elevated Installation >35' To 40', Add</i>	4.80	
			<i>For Elevated Installation >40', Add</i>	5.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 33 13-0659	EA		1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	12.45	4.60
			<i>For Work In Restricted Working Space, Add</i>	3.45	
			<i>For Elevated Installation >10' To 15', Add</i>	1.15	
			<i>For Elevated Installation >15' To 20', Add</i>	2.30	
			<i>For Elevated Installation >20' To 25', Add</i>	2.88	
			<i>For Elevated Installation >25' To 30', Add</i>	4.03	
			<i>For Elevated Installation >30' To 35', Add</i>	4.60	
			<i>For Elevated Installation >35' To 40', Add</i>	5.75	
			<i>For Elevated Installation >40', Add</i>	6.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-0660	EA		2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	15.79	5.75
			<i>For Work In Restricted Working Space, Add</i>	4.32	
			<i>For Elevated Installation >10' To 15', Add</i>	1.44	
			<i>For Elevated Installation >15' To 20', Add</i>	2.88	
			<i>For Elevated Installation >20' To 25', Add</i>	3.60	
			<i>For Elevated Installation >25' To 30', Add</i>	5.04	
			<i>For Elevated Installation >30' To 35', Add</i>	5.76	
			<i>For Elevated Installation >35' To 40', Add</i>	7.20	
			<i>For Elevated Installation >40', Add</i>	7.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0661	EA 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	23.08	7.68
	For Work In Restricted Working Space, Add	5.75	
	For Elevated Installation >10' To 15', Add	1.92	
	For Elevated Installation >15' To 20', Add	3.84	
	For Elevated Installation >20' To 25', Add	4.80	
	For Elevated Installation >25' To 30', Add	6.71	
	For Elevated Installation >30' To 35', Add	7.67	
	For Elevated Installation >35' To 40', Add	9.59	
	For Elevated Installation >40', Add	10.55	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.75	
26 05 33 13-0662	EA 3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	28.75	9.59
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.80	
	For Elevated Installation >20' To 25', Add	6.00	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-0663	EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	34.13	11.50
	For Work In Restricted Working Space, Add	8.63	
	For Elevated Installation >10' To 15', Add	2.88	
	For Elevated Installation >15' To 20', Add	5.75	
	For Elevated Installation >20' To 25', Add	7.19	
	For Elevated Installation >25' To 30', Add	10.07	
	For Elevated Installation >30' To 35', Add	11.51	
	For Elevated Installation >35' To 40', Add	14.39	
	For Elevated Installation >40', Add	15.82	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.63	
26 05 33 13-0664	EA 4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	39.78	13.43
	For Work In Restricted Working Space, Add	10.07	
	For Elevated Installation >10' To 15', Add	3.36	
	For Elevated Installation >15' To 20', Add	6.71	
	For Elevated Installation >20' To 25', Add	8.39	
	For Elevated Installation >25' To 30', Add	11.75	
	For Elevated Installation >30' To 35', Add	13.43	
	For Elevated Installation >35' To 40', Add	16.79	
	For Elevated Installation >40', Add	18.46	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.07	

26 05 33 13-0665 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw (26 05 33 13-0598)

26 05 33 13-0666	EA 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	6.63	2.59
	For Work In Restricted Working Space, Add	1.93	
	For Elevated Installation >10' To 15', Add	0.64	
	For Elevated Installation >15' To 20', Add	1.28	
	For Elevated Installation >20' To 25', Add	1.61	
	For Elevated Installation >25' To 30', Add	2.25	
	For Elevated Installation >30' To 35', Add	2.57	
	For Elevated Installation >35' To 40', Add	3.21	
	For Elevated Installation >40', Add	3.53	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.93	
26 05 33 13-0667	EA 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.33	2.79
	For Work In Restricted Working Space, Add	2.10	
	For Elevated Installation >10' To 15', Add	0.70	
	For Elevated Installation >15' To 20', Add	1.40	
	For Elevated Installation >20' To 25', Add	1.75	
	For Elevated Installation >25' To 30', Add	2.45	
	For Elevated Installation >30' To 35', Add	2.80	
	For Elevated Installation >35' To 40', Add	3.50	
	For Elevated Installation >40', Add	3.85	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.10	
26 05 33 13-0668	EA 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	9.13	3.46
	For Work In Restricted Working Space, Add	2.56	
	For Elevated Installation >10' To 15', Add	0.85	
	For Elevated Installation >15' To 20', Add	1.71	
	For Elevated Installation >20' To 25', Add	2.14	
	For Elevated Installation >25' To 30', Add	2.99	
	For Elevated Installation >30' To 35', Add	3.42	
	For Elevated Installation >35' To 40', Add	4.27	
	For Elevated Installation >40', Add	4.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.56	
26 05 33 13-0669	EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	11.92	4.41
	For Work In Restricted Working Space, Add	3.28	
	For Elevated Installation >10' To 15', Add	1.09	
	For Elevated Installation >15' To 20', Add	2.19	
	For Elevated Installation >20' To 25', Add	2.73	
	For Elevated Installation >25' To 30', Add	3.83	
	For Elevated Installation >30' To 35', Add	4.37	
	For Elevated Installation >35' To 40', Add	5.47	
	For Elevated Installation >40', Add	6.01	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.28	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0670	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	14.07	5.08
		<i>For Work In Restricted Working Space, Add</i>	3.83	
		<i>For Elevated Installation >10' To 15', Add</i>	1.28	
		<i>For Elevated Installation >15' To 20', Add</i>	2.55	
		<i>For Elevated Installation >20' To 25', Add</i>	3.19	
		<i>For Elevated Installation >25' To 30', Add</i>	4.47	
		<i>For Elevated Installation >30' To 35', Add</i>	5.10	
		<i>For Elevated Installation >35' To 40', Add</i>	6.38	
		<i>For Elevated Installation >40', Add</i>	7.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.83	
26 05 33 13-0671	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	17.15	6.13
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Elevated Installation >10' To 15', Add</i>	1.53	
		<i>For Elevated Installation >15' To 20', Add</i>	3.07	
		<i>For Elevated Installation >20' To 25', Add</i>	3.84	
		<i>For Elevated Installation >25' To 30', Add</i>	5.37	
		<i>For Elevated Installation >30' To 35', Add</i>	6.14	
		<i>For Elevated Installation >35' To 40', Add</i>	7.67	
		<i>For Elevated Installation >40', Add</i>	8.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-0672	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	27.20	8.54
		<i>For Work In Restricted Working Space, Add</i>	6.39	
		<i>For Elevated Installation >10' To 15', Add</i>	2.13	
		<i>For Elevated Installation >15' To 20', Add</i>	4.26	
		<i>For Elevated Installation >20' To 25', Add</i>	5.32	
		<i>For Elevated Installation >25' To 30', Add</i>	7.45	
		<i>For Elevated Installation >30' To 35', Add</i>	8.52	
		<i>For Elevated Installation >35' To 40', Add</i>	10.65	
		<i>For Elevated Installation >40', Add</i>	11.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.39	
26 05 33 13-0673	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	35.46	11.31
		<i>For Work In Restricted Working Space, Add</i>	8.52	
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.94	
		<i>For Elevated Installation >30' To 35', Add</i>	11.36	
		<i>For Elevated Installation >35' To 40', Add</i>	14.20	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.52	
26 05 33 13-0674	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	45.37	14.58
		<i>For Work In Restricted Working Space, Add</i>	10.96	
		<i>For Elevated Installation >10' To 15', Add</i>	3.65	
		<i>For Elevated Installation >15' To 20', Add</i>	7.31	
		<i>For Elevated Installation >20' To 25', Add</i>	9.13	
		<i>For Elevated Installation >25' To 30', Add</i>	12.79	
		<i>For Elevated Installation >30' To 35', Add</i>	14.61	
		<i>For Elevated Installation >35' To 40', Add</i>	18.27	
		<i>For Elevated Installation >40', Add</i>	20.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	
26 05 33 13-0675	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	57.68	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-0676		Electrical Metallic Tubing (EMT) Straight Box Compression Connectors <small>(26 05 33 13-0598)</small>		
26 05 33 13-0677	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	5.95	2.30
		<i>For Work In Restricted Working Space, Add</i>	1.73	
		<i>For Elevated Installation >10' To 15', Add</i>	0.58	
		<i>For Elevated Installation >15' To 20', Add</i>	1.15	
		<i>For Elevated Installation >20' To 25', Add</i>	1.44	
		<i>For Elevated Installation >25' To 30', Add</i>	2.01	
		<i>For Elevated Installation >30' To 35', Add</i>	2.30	
		<i>For Elevated Installation >35' To 40', Add</i>	2.88	
		<i>For Elevated Installation >40', Add</i>	3.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.73	
26 05 33 13-0678	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.02	2.69
		<i>For Work In Restricted Working Space, Add</i>	2.01	
		<i>For Elevated Installation >10' To 15', Add</i>	0.67	
		<i>For Elevated Installation >15' To 20', Add</i>	1.34	
		<i>For Elevated Installation >20' To 25', Add</i>	1.68	
		<i>For Elevated Installation >25' To 30', Add</i>	2.35	
		<i>For Elevated Installation >30' To 35', Add</i>	2.68	
		<i>For Elevated Installation >35' To 40', Add</i>	3.36	
		<i>For Elevated Installation >40', Add</i>	3.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0679 EA 1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	10.03	3.84
<i>For Work In Restricted Working Space, Add</i>	2.88	
<i>For Elevated Installation >10' To 15', Add</i>	0.96	
<i>For Elevated Installation >15' To 20', Add</i>	1.92	
<i>For Elevated Installation >20' To 25', Add</i>	2.40	
<i>For Elevated Installation >25' To 30', Add</i>	3.36	
<i>For Elevated Installation >30' To 35', Add</i>	3.84	
<i>For Elevated Installation >35' To 40', Add</i>	4.80	
<i>For Elevated Installation >40', Add</i>	5.27	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 33 13-0680 EA 1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	12.32	4.60
<i>For Work In Restricted Working Space, Add</i>	3.45	
<i>For Elevated Installation >10' To 15', Add</i>	1.15	
<i>For Elevated Installation >15' To 20', Add</i>	2.30	
<i>For Elevated Installation >20' To 25', Add</i>	2.88	
<i>For Elevated Installation >25' To 30', Add</i>	4.03	
<i>For Elevated Installation >30' To 35', Add</i>	4.60	
<i>For Elevated Installation >35' To 40', Add</i>	5.75	
<i>For Elevated Installation >40', Add</i>	6.33	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-0681 EA 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	14.59	5.37
<i>For Work In Restricted Working Space, Add</i>	4.03	
<i>For Elevated Installation >10' To 15', Add</i>	1.34	
<i>For Elevated Installation >15' To 20', Add</i>	2.69	
<i>For Elevated Installation >20' To 25', Add</i>	3.36	
<i>For Elevated Installation >25' To 30', Add</i>	4.70	
<i>For Elevated Installation >30' To 35', Add</i>	5.37	
<i>For Elevated Installation >35' To 40', Add</i>	6.72	
<i>For Elevated Installation >40', Add</i>	7.39	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.03	
26 05 33 13-0682 EA 2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	18.95	6.90
<i>For Work In Restricted Working Space, Add</i>	5.18	
<i>For Elevated Installation >10' To 15', Add</i>	1.73	
<i>For Elevated Installation >15' To 20', Add</i>	3.45	
<i>For Elevated Installation >20' To 25', Add</i>	4.32	
<i>For Elevated Installation >25' To 30', Add</i>	6.04	
<i>For Elevated Installation >30' To 35', Add</i>	6.91	
<i>For Elevated Installation >35' To 40', Add</i>	8.64	
<i>For Elevated Installation >40', Add</i>	9.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 05 33 13-0683 EA 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	28.08	9.21
<i>For Work In Restricted Working Space, Add</i>	6.91	
<i>For Elevated Installation >10' To 15', Add</i>	2.30	
<i>For Elevated Installation >15' To 20', Add</i>	4.60	
<i>For Elevated Installation >20' To 25', Add</i>	5.76	
<i>For Elevated Installation >25' To 30', Add</i>	8.06	
<i>For Elevated Installation >30' To 35', Add</i>	9.21	
<i>For Elevated Installation >35' To 40', Add</i>	11.51	
<i>For Elevated Installation >40', Add</i>	12.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.91	
26 05 33 13-0684 EA 3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	35.38	11.50
<i>For Work In Restricted Working Space, Add</i>	8.63	
<i>For Elevated Installation >10' To 15', Add</i>	2.88	
<i>For Elevated Installation >15' To 20', Add</i>	5.75	
<i>For Elevated Installation >20' To 25', Add</i>	7.19	
<i>For Elevated Installation >25' To 30', Add</i>	10.07	
<i>For Elevated Installation >30' To 35', Add</i>	11.51	
<i>For Elevated Installation >35' To 40', Add</i>	14.39	
<i>For Elevated Installation >40', Add</i>	15.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.63	
26 05 33 13-0685 EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	43.76	13.43
<i>For Work In Restricted Working Space, Add</i>	10.07	
<i>For Elevated Installation >10' To 15', Add</i>	3.36	
<i>For Elevated Installation >15' To 20', Add</i>	6.71	
<i>For Elevated Installation >20' To 25', Add</i>	8.39	
<i>For Elevated Installation >25' To 30', Add</i>	11.75	
<i>For Elevated Installation >30' To 35', Add</i>	13.43	
<i>For Elevated Installation >35' To 40', Add</i>	16.79	
<i>For Elevated Installation >40', Add</i>	18.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.07	
26 05 33 13-0686 EA 4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	49.41	15.34
<i>For Work In Restricted Working Space, Add</i>	11.51	
<i>For Elevated Installation >10' To 15', Add</i>	3.84	
<i>For Elevated Installation >15' To 20', Add</i>	7.67	
<i>For Elevated Installation >20' To 25', Add</i>	9.59	
<i>For Elevated Installation >25' To 30', Add</i>	13.43	
<i>For Elevated Installation >30' To 35', Add</i>	15.34	
<i>For Elevated Installation >35' To 40', Add</i>	19.18	
<i>For Elevated Installation >40', Add</i>	21.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.51	

26 05 33 13-0687 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors (26 05 33 13-0598)

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0688	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	6.77	2.59
		<i>For Work In Restricted Working Space, Add</i>	1.93	
		<i>For Elevated Installation >10' To 15', Add</i>	0.64	
		<i>For Elevated Installation >15' To 20', Add</i>	1.28	
		<i>For Elevated Installation >20' To 25', Add</i>	1.61	
		<i>For Elevated Installation >25' To 30', Add</i>	2.25	
		<i>For Elevated Installation >30' To 35', Add</i>	2.57	
		<i>For Elevated Installation >35' To 40', Add</i>	3.21	
		<i>For Elevated Installation >40', Add</i>	3.53	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.93	
26 05 33 13-0689	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	7.48	2.79
		<i>For Work In Restricted Working Space, Add</i>	2.10	
		<i>For Elevated Installation >10' To 15', Add</i>	0.70	
		<i>For Elevated Installation >15' To 20', Add</i>	1.40	
		<i>For Elevated Installation >20' To 25', Add</i>	1.75	
		<i>For Elevated Installation >25' To 30', Add</i>	2.45	
		<i>For Elevated Installation >30' To 35', Add</i>	2.80	
		<i>For Elevated Installation >35' To 40', Add</i>	3.50	
		<i>For Elevated Installation >40', Add</i>	3.85	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.10	
26 05 33 13-0690	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	9.26	3.46
		<i>For Work In Restricted Working Space, Add</i>	2.56	
		<i>For Elevated Installation >10' To 15', Add</i>	0.85	
		<i>For Elevated Installation >15' To 20', Add</i>	1.71	
		<i>For Elevated Installation >20' To 25', Add</i>	2.14	
		<i>For Elevated Installation >25' To 30', Add</i>	2.99	
		<i>For Elevated Installation >30' To 35', Add</i>	3.42	
		<i>For Elevated Installation >35' To 40', Add</i>	4.27	
		<i>For Elevated Installation >40', Add</i>	4.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.56	
26 05 33 13-0691	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	12.27	4.41
		<i>For Work In Restricted Working Space, Add</i>	3.28	
		<i>For Elevated Installation >10' To 15', Add</i>	1.09	
		<i>For Elevated Installation >15' To 20', Add</i>	2.19	
		<i>For Elevated Installation >20' To 25', Add</i>	2.73	
		<i>For Elevated Installation >25' To 30', Add</i>	3.83	
		<i>For Elevated Installation >30' To 35', Add</i>	4.37	
		<i>For Elevated Installation >35' To 40', Add</i>	5.47	
		<i>For Elevated Installation >40', Add</i>	6.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.28	
26 05 33 13-0692	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	14.65	5.08
		<i>For Work In Restricted Working Space, Add</i>	3.83	
		<i>For Elevated Installation >10' To 15', Add</i>	1.28	
		<i>For Elevated Installation >15' To 20', Add</i>	2.55	
		<i>For Elevated Installation >20' To 25', Add</i>	3.19	
		<i>For Elevated Installation >25' To 30', Add</i>	4.47	
		<i>For Elevated Installation >30' To 35', Add</i>	5.10	
		<i>For Elevated Installation >35' To 40', Add</i>	6.38	
		<i>For Elevated Installation >40', Add</i>	7.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.83	
26 05 33 13-0693	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	17.98	6.13
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Elevated Installation >10' To 15', Add</i>	1.53	
		<i>For Elevated Installation >15' To 20', Add</i>	3.07	
		<i>For Elevated Installation >20' To 25', Add</i>	3.84	
		<i>For Elevated Installation >25' To 30', Add</i>	5.37	
		<i>For Elevated Installation >30' To 35', Add</i>	6.14	
		<i>For Elevated Installation >35' To 40', Add</i>	7.67	
		<i>For Elevated Installation >40', Add</i>	8.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-0694	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	30.25	8.54
		<i>For Work In Restricted Working Space, Add</i>	6.39	
		<i>For Elevated Installation >10' To 15', Add</i>	2.13	
		<i>For Elevated Installation >15' To 20', Add</i>	4.26	
		<i>For Elevated Installation >20' To 25', Add</i>	5.32	
		<i>For Elevated Installation >25' To 30', Add</i>	7.45	
		<i>For Elevated Installation >30' To 35', Add</i>	8.52	
		<i>For Elevated Installation >35' To 40', Add</i>	10.65	
		<i>For Elevated Installation >40', Add</i>	11.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.39	
26 05 33 13-0695	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	40.58	11.31
		<i>For Work In Restricted Working Space, Add</i>	8.52	
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.94	
		<i>For Elevated Installation >30' To 35', Add</i>	11.36	
		<i>For Elevated Installation >35' To 40', Add</i>	14.20	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.52	
26 05 33 13-0696	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	54.35	14.58
		<i>For Work In Restricted Working Space, Add</i>	10.96	
		<i>For Elevated Installation >10' To 15', Add</i>	3.65	
		<i>For Elevated Installation >15' To 20', Add</i>	7.31	
		<i>For Elevated Installation >20' To 25', Add</i>	9.13	
		<i>For Elevated Installation >25' To 30', Add</i>	12.79	
		<i>For Elevated Installation >30' To 35', Add</i>	14.61	
		<i>For Elevated Installation >35' To 40', Add</i>	18.27	
		<i>For Elevated Installation >40', Add</i>	20.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0697	EA 4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	68.79	19.18
	For Work In Restricted Working Space, Add	14.39	
	For Elevated Installation >10' To 15', Add	4.80	
	For Elevated Installation >15' To 20', Add	9.59	
	For Elevated Installation >20' To 25', Add	11.99	
	For Elevated Installation >25' To 30', Add	16.78	
	For Elevated Installation >30' To 35', Add	19.18	
	For Elevated Installation >35' To 40', Add	23.98	
	For Elevated Installation >40', Add	26.37	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	
26 05 33 13-0698	Electrical Metallic Tubing (EMT) Expansion Coupling (26 05 33 13-0598)		
	Note: Excludes jumper.		
26 05 33 13-0699	EA 1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	46.05	12.76
	For Work In Restricted Working Space, Add	9.57	
	For Elevated Installation >10' To 15', Add	3.19	
	For Elevated Installation >15' To 20', Add	6.38	
	For Elevated Installation >20' To 25', Add	7.98	
	For Elevated Installation >25' To 30', Add	11.17	
	For Elevated Installation >30' To 35', Add	12.76	
	For Elevated Installation >35' To 40', Add	15.96	
	For Elevated Installation >40', Add	17.55	
26 05 33 13-0700	EA 3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	55.55	15.44
	For Work In Restricted Working Space, Add	11.61	
	For Elevated Installation >10' To 15', Add	3.87	
	For Elevated Installation >15' To 20', Add	7.74	
	For Elevated Installation >20' To 25', Add	9.67	
	For Elevated Installation >25' To 30', Add	13.54	
	For Elevated Installation >30' To 35', Add	15.48	
	For Elevated Installation >35' To 40', Add	19.35	
	For Elevated Installation >40', Add	21.28	
26 05 33 13-0701	EA 1" Electrical Metallic Tubing (EMT) Expansion Coupling	68.49	19.37
	For Work In Restricted Working Space, Add	14.51	
	For Elevated Installation >10' To 15', Add	4.84	
	For Elevated Installation >15' To 20', Add	9.67	
	For Elevated Installation >20' To 25', Add	12.09	
	For Elevated Installation >25' To 30', Add	16.93	
	For Elevated Installation >30' To 35', Add	19.34	
	For Elevated Installation >35' To 40', Add	24.18	
	For Elevated Installation >40', Add	26.60	
26 05 33 13-0702	EA 1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	87.69	23.78
	For Work In Restricted Working Space, Add	17.85	
	For Elevated Installation >10' To 15', Add	5.95	
	For Elevated Installation >15' To 20', Add	11.90	
	For Elevated Installation >20' To 25', Add	14.87	
	For Elevated Installation >25' To 30', Add	20.82	
	For Elevated Installation >30' To 35', Add	23.80	
	For Elevated Installation >35' To 40', Add	29.75	
	For Elevated Installation >40', Add	32.72	
26 05 33 13-0703	EA 1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	107.77	27.91
	For Work In Restricted Working Space, Add	20.93	
	For Elevated Installation >10' To 15', Add	6.98	
	For Elevated Installation >15' To 20', Add	13.95	
	For Elevated Installation >20' To 25', Add	17.44	
	For Elevated Installation >25' To 30', Add	24.42	
	For Elevated Installation >30' To 35', Add	27.90	
	For Elevated Installation >35' To 40', Add	34.88	
	For Elevated Installation >40', Add	38.37	
26 05 33 13-0704	EA 2" Electrical Metallic Tubing (EMT) Expansion Coupling	134.37	33.95
	For Work In Restricted Working Space, Add	25.49	
	For Elevated Installation >10' To 15', Add	8.50	
	For Elevated Installation >15' To 20', Add	16.99	
	For Elevated Installation >20' To 25', Add	21.24	
	For Elevated Installation >25' To 30', Add	29.73	
	For Elevated Installation >30' To 35', Add	33.98	
	For Elevated Installation >35' To 40', Add	42.48	
	For Elevated Installation >40', Add	46.72	
26 05 33 13-0705	EA 2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	241.40	43.63
	For Work In Restricted Working Space, Add	32.73	
	For Elevated Installation >10' To 15', Add	10.91	
	For Elevated Installation >15' To 20', Add	21.82	
	For Elevated Installation >20' To 25', Add	27.28	
	For Elevated Installation >25' To 30', Add	38.19	
	For Elevated Installation >30' To 35', Add	43.64	
	For Elevated Installation >35' To 40', Add	54.56	
	For Elevated Installation >40', Add	60.01	
26 05 33 13-0706	EA 3" Electrical Metallic Tubing (EMT) Expansion Coupling	293.58	51.01
	For Work In Restricted Working Space, Add	38.27	
	For Elevated Installation >10' To 15', Add	12.76	
	For Elevated Installation >15' To 20', Add	25.52	
	For Elevated Installation >20' To 25', Add	31.90	
	For Elevated Installation >25' To 30', Add	44.65	
	For Elevated Installation >30' To 35', Add	51.03	
	For Elevated Installation >35' To 40', Add	63.79	
	For Elevated Installation >40', Add	70.17	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0707	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	355.55	55.62
		<i>For Work In Restricted Working Space, Add</i>	41.73	
		<i>For Elevated Installation >10' To 15', Add</i>	13.91	
		<i>For Elevated Installation >15' To 20', Add</i>	27.82	
		<i>For Elevated Installation >20' To 25', Add</i>	34.77	
		<i>For Elevated Installation >25' To 30', Add</i>	48.68	
		<i>For Elevated Installation >30' To 35', Add</i>	55.64	
		<i>For Elevated Installation >35' To 40', Add</i>	69.55	
		<i>For Elevated Installation >40', Add</i>	76.50	
26 05 33 13-0708	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	385.67	61.37
		<i>For Work In Restricted Working Space, Add</i>	46.04	
		<i>For Elevated Installation >10' To 15', Add</i>	15.35	
		<i>For Elevated Installation >15' To 20', Add</i>	30.70	
		<i>For Elevated Installation >20' To 25', Add</i>	38.37	
		<i>For Elevated Installation >25' To 30', Add</i>	53.72	
		<i>For Elevated Installation >30' To 35', Add</i>	61.39	
		<i>For Elevated Installation >35' To 40', Add</i>	76.74	
		<i>For Elevated Installation >40', Add</i>	84.41	

26 05 33 13-0709 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0598)

26 05 33 13-0710	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	9.37	3.46
		<i>For Work In Restricted Working Space, Add</i>	2.56	
		<i>For Elevated Installation >10' To 15', Add</i>	0.85	
		<i>For Elevated Installation >15' To 20', Add</i>	1.70	
		<i>For Elevated Installation >20' To 25', Add</i>	2.13	
		<i>For Elevated Installation >25' To 30', Add</i>	2.98	
		<i>For Elevated Installation >30' To 35', Add</i>	3.41	
		<i>For Elevated Installation >35' To 40', Add</i>	4.26	
		<i>For Elevated Installation >40', Add</i>	4.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.56	
26 05 33 13-0711	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	9.83	3.46
		<i>For Work In Restricted Working Space, Add</i>	2.56	
		<i>For Elevated Installation >10' To 15', Add</i>	0.85	
		<i>For Elevated Installation >15' To 20', Add</i>	1.70	
		<i>For Elevated Installation >20' To 25', Add</i>	2.13	
		<i>For Elevated Installation >25' To 30', Add</i>	2.98	
		<i>For Elevated Installation >30' To 35', Add</i>	3.41	
		<i>For Elevated Installation >35' To 40', Add</i>	4.26	
		<i>For Elevated Installation >40', Add</i>	4.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.56	
26 05 33 13-0712	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.97	3.74
		<i>For Work In Restricted Working Space, Add</i>	2.84	
		<i>For Elevated Installation >10' To 15', Add</i>	0.95	
		<i>For Elevated Installation >15' To 20', Add</i>	1.89	
		<i>For Elevated Installation >20' To 25', Add</i>	2.37	
		<i>For Elevated Installation >25' To 30', Add</i>	3.31	
		<i>For Elevated Installation >30' To 35', Add</i>	3.78	
		<i>For Elevated Installation >35' To 40', Add</i>	4.73	
		<i>For Elevated Installation >40', Add</i>	5.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.84	
26 05 33 13-0713	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.71	4.32
		<i>For Work In Restricted Working Space, Add</i>	3.23	
		<i>For Elevated Installation >10' To 15', Add</i>	1.08	
		<i>For Elevated Installation >15' To 20', Add</i>	2.15	
		<i>For Elevated Installation >20' To 25', Add</i>	2.69	
		<i>For Elevated Installation >25' To 30', Add</i>	3.77	
		<i>For Elevated Installation >30' To 35', Add</i>	4.31	
		<i>For Elevated Installation >35' To 40', Add</i>	5.39	
		<i>For Elevated Installation >40', Add</i>	5.92	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.23	
26 05 33 13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	17.42	5.18
		<i>For Work In Restricted Working Space, Add</i>	3.91	
		<i>For Elevated Installation >10' To 15', Add</i>	1.30	
		<i>For Elevated Installation >15' To 20', Add</i>	2.61	
		<i>For Elevated Installation >20' To 25', Add</i>	3.26	
		<i>For Elevated Installation >25' To 30', Add</i>	4.56	
		<i>For Elevated Installation >30' To 35', Add</i>	5.21	
		<i>For Elevated Installation >35' To 40', Add</i>	6.52	
		<i>For Elevated Installation >40', Add</i>	7.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.91	
26 05 33 13-0715	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	20.99	5.94
		<i>For Work In Restricted Working Space, Add</i>	4.46	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.21	
		<i>For Elevated Installation >30' To 35', Add</i>	5.95	
		<i>For Elevated Installation >35' To 40', Add</i>	7.44	
		<i>For Elevated Installation >40', Add</i>	8.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-0716	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	27.12	7.48
		<i>For Work In Restricted Working Space, Add</i>	5.58	
		<i>For Elevated Installation >10' To 15', Add</i>	1.86	
		<i>For Elevated Installation >15' To 20', Add</i>	3.72	
		<i>For Elevated Installation >20' To 25', Add</i>	4.65	
		<i>For Elevated Installation >25' To 30', Add</i>	6.51	
		<i>For Elevated Installation >30' To 35', Add</i>	7.44	
		<i>For Elevated Installation >35' To 40', Add</i>	9.30	
		<i>For Elevated Installation >40', Add</i>	10.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.58	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

26 05 33 13-0717	Electrical Metallic Tubing (EMT) Pulling Elbows <small>(26 05 33 13-0598)</small>		
26 05 33 13-0718	EA 1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	19.49	8.63
	For Work In Restricted Working Space, Add	5.18	
	For Elevated Installation >15' To 20', Add	3.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-0719	EA 3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	22.71	10.07
	For Work In Restricted Working Space, Add	6.04	
	For Elevated Installation >15' To 20', Add	4.03	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.04	
26 05 33 13-0720	EA 1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	27.61	11.50
	For Work In Restricted Working Space, Add	6.91	
	For Elevated Installation >15' To 20', Add	4.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.91	
26 05 33 13-0721	EA 1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	35.09	14.39
	For Work In Restricted Working Space, Add	8.63	
	For Elevated Installation >15' To 20', Add	5.75	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.63	
26 05 33 13-0722	Intermediate Metal Conduit (IMC) <small>(26 05 33 13-0058)</small>		
	Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0723	Intermediate Metal Conduit (IMC) Conduit <small>(26 05 33 13-0722)</small>		
	Note: Includes field bending conduit up to 1".		
26 05 33 13-0724	LF 1/2" Intermediate Metal Conduit (IMC) Conduit	6.07	1.91
	For Elevated Installation >10' To 15', Add	0.48	
	For Elevated Installation >15' To 20', Add	0.96	
	For Elevated Installation >20' To 25', Add	1.20	
	For Elevated Installation >25' To 30', Add	1.68	
	For Elevated Installation >30' To 35', Add	1.92	
	For Elevated Installation >35' To 40', Add	2.40	
	For Elevated Installation >40', Add	2.64	
	For Work In Restricted Working Space, Add	1.44	
	For >250 To 500, Deduct	-0.06	
	For >500 To 1,000, Deduct	-0.10	
	For >1,000, Deduct	-0.13	
	For Installation In Metal Stub Wall, Add	0.48	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.20	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.72	
26 05 33 13-0725	LF 3/4" Intermediate Metal Conduit (IMC) Conduit	6.78	2.11
	For Elevated Installation >10' To 15', Add	0.53	
	For Elevated Installation >15' To 20', Add	1.05	
	For Elevated Installation >20' To 25', Add	1.32	
	For Elevated Installation >25' To 30', Add	1.84	
	For Elevated Installation >30' To 35', Add	2.11	
	For Elevated Installation >35' To 40', Add	2.64	
	For Elevated Installation >40', Add	2.90	
	For Work In Restricted Working Space, Add	1.58	
	For >250 To 500, Deduct	-0.08	
	For >500 To 1,000, Deduct	-0.11	
	For >1,000, Deduct	-0.15	
	For Installation In Metal Stub Wall, Add	0.53	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.32	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.79	
26 05 33 13-0726	LF 1" Intermediate Metal Conduit (IMC) Conduit	8.08	2.30
	For Elevated Installation >10' To 15', Add	0.58	
	For Elevated Installation >15' To 20', Add	1.15	
	For Elevated Installation >20' To 25', Add	1.44	
	For Elevated Installation >25' To 30', Add	2.01	
	For Elevated Installation >30' To 35', Add	2.30	
	For Elevated Installation >35' To 40', Add	2.88	
	For Elevated Installation >40', Add	3.16	
	For Work In Restricted Working Space, Add	1.73	
	For >250 To 500, Deduct	-0.12	
	For >500 To 1,000, Deduct	-0.17	
	For >1,000, Deduct	-0.23	
	For Installation In Metal Stub Wall, Add	0.58	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.44	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.86	
26 05 33 13-0727	LF 1-1/4" Intermediate Metal Conduit (IMC) Conduit	9.66	4.60
	For Elevated Installation >10' To 15', Add	0.67	
	For Elevated Installation >15' To 20', Add	1.34	
	For Elevated Installation >20' To 25', Add	1.68	
	For Elevated Installation >25' To 30', Add	2.35	
	For Elevated Installation >30' To 35', Add	2.68	
	For Elevated Installation >35' To 40', Add	3.36	
	For Elevated Installation >40', Add	3.69	
	For Work In Restricted Working Space, Add	2.01	
	For >250 To 500, Deduct	-0.15	
	For >500 To 1,000, Deduct	-0.22	
	For >1,000, Deduct	-0.30	
	For Installation In Metal Stub Wall, Add	0.67	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.68	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.01	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0728	LF	1-1/2"	Intermediate Metal Conduit (IMC) Conduit 11.17	11.17	3.07
			For Elevated Installation >10' To 15', Add	0.77	
			For Elevated Installation >15' To 20', Add	1.54	
			For Elevated Installation >20' To 25', Add	1.92	
			For Elevated Installation >25' To 30', Add	2.69	
			For Elevated Installation >30' To 35', Add	3.07	
			For Elevated Installation >35' To 40', Add	3.84	
			For Elevated Installation >40', Add	4.22	
			For Work In Restricted Working Space, Add	2.30	
			For >250 To 500, Deduct	-0.17	
			For >500 To 1,000, Deduct	-0.26	
			For >1,000, Deduct	-0.35	
			For Installation In Metal Stud Wall, Add	0.77	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.92	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.15	
26 05 33 13-0729	LF	2"	Intermediate Metal Conduit (IMC) Conduit 13.36	13.36	3.46
			For Elevated Installation >10' To 15', Add	0.86	
			For Elevated Installation >15' To 20', Add	1.73	
			For Elevated Installation >20' To 25', Add	2.16	
			For Elevated Installation >25' To 30', Add	3.02	
			For Elevated Installation >30' To 35', Add	3.45	
			For Elevated Installation >35' To 40', Add	4.32	
			For Elevated Installation >40', Add	4.75	
			For Work In Restricted Working Space, Add	2.59	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.35	
			For >1,000, Deduct	-0.47	
			For Installation In Metal Stud Wall, Add	0.86	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.16	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.29	
26 05 33 13-0730	LF	2-1/2"	Intermediate Metal Conduit (IMC) Conduit 21.98	21.98	4.60
			For Elevated Installation >10' To 15', Add	1.15	
			For Elevated Installation >15' To 20', Add	2.30	
			For Elevated Installation >20' To 25', Add	2.88	
			For Elevated Installation >25' To 30', Add	4.03	
			For Elevated Installation >30' To 35', Add	4.60	
			For Elevated Installation >35' To 40', Add	5.75	
			For Elevated Installation >40', Add	6.33	
			For Work In Restricted Working Space, Add	3.45	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.79	
			For >1,000, Deduct	-1.05	
			For Installation In Metal Stud Wall, Add	1.15	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.88	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.73	
26 05 33 13-0731	LF	3"	Intermediate Metal Conduit (IMC) Conduit 27.29	27.29	5.75
			For Elevated Installation >10' To 15', Add	1.44	
			For Elevated Installation >15' To 20', Add	2.88	
			For Elevated Installation >20' To 25', Add	3.60	
			For Elevated Installation >25' To 30', Add	5.04	
			For Elevated Installation >30' To 35', Add	5.76	
			For Elevated Installation >35' To 40', Add	7.20	
			For Elevated Installation >40', Add	7.91	
			For Work In Restricted Working Space, Add	4.32	
			For >250 To 500, Deduct	-0.65	
			For >500 To 1,000, Deduct	-0.97	
			For >1,000, Deduct	-1.29	
			For Installation In Metal Stud Wall, Add	1.44	
			For Installation In Wood Stud Wall (Includes Drilling), Add	3.60	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.16	
26 05 33 13-0732	LF	3-1/2"	Intermediate Metal Conduit (IMC) Conduit 32.21	32.21	6.90
			For Elevated Installation >10' To 15', Add	1.73	
			For Elevated Installation >15' To 20', Add	3.45	
			For Elevated Installation >20' To 25', Add	4.32	
			For Elevated Installation >25' To 30', Add	6.04	
			For Elevated Installation >30' To 35', Add	6.91	
			For Elevated Installation >35' To 40', Add	8.64	
			For Elevated Installation >40', Add	9.50	
			For Work In Restricted Working Space, Add	5.18	
			For >250 To 500, Deduct	-0.75	
			For >500 To 1,000, Deduct	-1.12	
			For >1,000, Deduct	-1.49	
			For Installation In Metal Stud Wall, Add	1.73	
			For Installation In Wood Stud Wall (Includes Drilling), Add	4.32	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.59	
26 05 33 13-0733	LF	4"	Intermediate Metal Conduit (IMC) Conduit 37.73	37.73	8.06
			For Elevated Installation >10' To 15', Add	2.01	
			For Elevated Installation >15' To 20', Add	4.03	
			For Elevated Installation >20' To 25', Add	5.04	
			For Elevated Installation >25' To 30', Add	7.05	
			For Elevated Installation >30' To 35', Add	8.06	
			For Elevated Installation >35' To 40', Add	10.07	
			For Elevated Installation >40', Add	11.08	
			For Work In Restricted Working Space, Add	6.04	
			For >250 To 500, Deduct	-0.88	
			For >500 To 1,000, Deduct	-1.32	
			For >1,000, Deduct	-1.76	
			For Installation In Metal Stud Wall, Add	2.01	
			For Installation In Wood Stud Wall (Includes Drilling), Add	5.04	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.02	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0734	Intermediate Metal Conduit (IMC) 90 Degree Elbows <small>(26 05 33 13-0722)</small>		
	<i>See CSI section 26 05 33 13-2245 for conduit field bending.</i>		
26 05 33 13-0735	EA 1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	46.83	14.48
	<i>For Elevated Installation >10' To 15', Add</i>	3.61	
	<i>For Elevated Installation >15' To 20', Add</i>	7.22	
	<i>For Elevated Installation >20' To 25', Add</i>	9.03	
	<i>For Elevated Installation >25' To 30', Add</i>	12.64	
	<i>For Elevated Installation >30' To 35', Add</i>	14.44	
	<i>For Elevated Installation >35' To 40', Add</i>	18.05	
	<i>For Elevated Installation >40', Add</i>	19.86	
	<i>For Work In Restricted Working Space, Add</i>	10.83	
26 05 33 13-0736	EA 1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	56.97	16.78
	<i>For Elevated Installation >10' To 15', Add</i>	4.19	
	<i>For Elevated Installation >15' To 20', Add</i>	8.38	
	<i>For Elevated Installation >20' To 25', Add</i>	10.48	
	<i>For Elevated Installation >25' To 30', Add</i>	14.67	
	<i>For Elevated Installation >30' To 35', Add</i>	16.77	
	<i>For Elevated Installation >35' To 40', Add</i>	20.96	
	<i>For Elevated Installation >40', Add</i>	23.06	
	<i>For Work In Restricted Working Space, Add</i>	12.58	
26 05 33 13-0737	EA 1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	67.15	19.28
	<i>For Elevated Installation >10' To 15', Add</i>	4.81	
	<i>For Elevated Installation >15' To 20', Add</i>	9.62	
	<i>For Elevated Installation >20' To 25', Add</i>	12.03	
	<i>For Elevated Installation >25' To 30', Add</i>	16.84	
	<i>For Elevated Installation >30' To 35', Add</i>	19.25	
	<i>For Elevated Installation >35' To 40', Add</i>	24.06	
	<i>For Elevated Installation >40', Add</i>	26.47	
	<i>For Work In Restricted Working Space, Add</i>	14.44	
26 05 33 13-0738	EA 2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	80.32	21.19
	<i>For Elevated Installation >10' To 15', Add</i>	5.29	
	<i>For Elevated Installation >15' To 20', Add</i>	10.59	
	<i>For Elevated Installation >20' To 25', Add</i>	13.23	
	<i>For Elevated Installation >25' To 30', Add</i>	18.53	
	<i>For Elevated Installation >30' To 35', Add</i>	21.17	
	<i>For Elevated Installation >35' To 40', Add</i>	26.47	
	<i>For Elevated Installation >40', Add</i>	29.11	
	<i>For Work In Restricted Working Space, Add</i>	15.88	
26 05 33 13-0739	EA 2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	112.67	26.46
	<i>For Elevated Installation >10' To 15', Add</i>	6.62	
	<i>For Elevated Installation >15' To 20', Add</i>	13.23	
	<i>For Elevated Installation >20' To 25', Add</i>	16.54	
	<i>For Elevated Installation >25' To 30', Add</i>	23.16	
	<i>For Elevated Installation >30' To 35', Add</i>	26.46	
	<i>For Elevated Installation >35' To 40', Add</i>	33.08	
	<i>For Elevated Installation >40', Add</i>	36.39	
	<i>For Work In Restricted Working Space, Add</i>	19.85	
26 05 33 13-0740	EA 3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	161.33	36.05
	<i>For Elevated Installation >10' To 15', Add</i>	9.01	
	<i>For Elevated Installation >15' To 20', Add</i>	18.03	
	<i>For Elevated Installation >20' To 25', Add</i>	22.53	
	<i>For Elevated Installation >25' To 30', Add</i>	31.55	
	<i>For Elevated Installation >30' To 35', Add</i>	36.05	
	<i>For Elevated Installation >35' To 40', Add</i>	45.07	
	<i>For Elevated Installation >40', Add</i>	49.57	
	<i>For Work In Restricted Working Space, Add</i>	27.04	
26 05 33 13-0741	EA 3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	227.36	40.66
	<i>For Elevated Installation >10' To 15', Add</i>	10.17	
	<i>For Elevated Installation >15' To 20', Add</i>	20.33	
	<i>For Elevated Installation >20' To 25', Add</i>	25.42	
	<i>For Elevated Installation >25' To 30', Add</i>	35.58	
	<i>For Elevated Installation >30' To 35', Add</i>	40.67	
	<i>For Elevated Installation >35' To 40', Add</i>	50.84	
	<i>For Elevated Installation >40', Add</i>	55.92	
	<i>For Work In Restricted Working Space, Add</i>	30.50	
26 05 33 13-0742	EA 4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	278.11	52.94
	<i>For Elevated Installation >10' To 15', Add</i>	13.23	
	<i>For Elevated Installation >15' To 20', Add</i>	26.46	
	<i>For Elevated Installation >20' To 25', Add</i>	33.08	
	<i>For Elevated Installation >25' To 30', Add</i>	46.31	
	<i>For Elevated Installation >30' To 35', Add</i>	52.92	
	<i>For Elevated Installation >35' To 40', Add</i>	66.16	
	<i>For Elevated Installation >40', Add</i>	72.77	
	<i>For Work In Restricted Working Space, Add</i>	39.69	
26 05 33 13-0743	Intermediate Metal Conduit (IMC) Bushing Sets With Locknut <small>(26 05 33 13-0722)</small>		
26 05 33 13-0744	EA 1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	12.93	4.99
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33 13-0745	EA 3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	15.18	0.57
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.31	
26 05 33 13-0746	EA 1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	19.55	7.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	
26 05 33 13-0747	EA 1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	23.82	8.82
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.62	
26 05 33 13-0748	EA 1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	26.49	9.59
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-0749	EA 2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	33.89	11.89
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.92	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0750	EA 2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.92 14.39	19.18
26 05 33 13-0751	EA 3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.74 19.56	26.08
26 05 33 13-0752	EA 3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	98.52 23.30	31.07
26 05 33 13-0753	EA 4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.92 27.04	36.05
26 05 33 13-0754 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings <small>(26 05 33 13-0722)</small>			
Note: 3-Piece coupling.			
26 05 33 13-0755	EA 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.02 3.84 7.68 9.60 13.44 15.36 19.21 21.13 11.52 11.52	15.34
26 05 33 13-0756	EA 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.51 4.29 8.57 10.72 15.00 17.14 21.43 23.57 12.86 12.86	17.16
26 05 33 13-0757	EA 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.71 4.78 9.55 11.94 16.71 19.10 23.88 26.26 14.33 14.33	19.08
26 05 33 13-0758	EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.73 5.23 10.45 13.06 18.29 20.90 26.13 28.74 15.68 15.68	20.90
26 05 33 13-0759	EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.85 5.72 11.43 14.29 20.01 22.86 28.58 31.44 17.15 17.15	22.83
26 05 33 13-0760	EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.28 6.19 12.38 15.48 21.67 24.76 30.96 34.05 18.57 18.57	24.74
26 05 33 13-0761	EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.22 7.67 15.34 19.18 26.85 30.69 38.36 42.20 23.02 23.02	30.68

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0762	EA 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....		230.85	38.36
	For Elevated Installation >10' To 15', Add		9.59	
	For Elevated Installation >15' To 20', Add		19.18	
	For Elevated Installation >20' To 25', Add		23.97	
	For Elevated Installation >25' To 30', Add		33.56	
	For Elevated Installation >30' To 35', Add		38.36	
	For Elevated Installation >35' To 40', Add		47.95	
	For Elevated Installation >40', Add		52.74	
	For Work In Restricted Working Space, Add		28.77	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		28.77	
26 05 33 13-0763	EA 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting		331.94	46.03
	For Elevated Installation >10' To 15', Add		11.51	
	For Elevated Installation >15' To 20', Add		23.02	
	For Elevated Installation >20' To 25', Add		28.78	
	For Elevated Installation >25' To 30', Add		40.29	
	For Elevated Installation >30' To 35', Add		46.04	
	For Elevated Installation >35' To 40', Add		57.56	
	For Elevated Installation >40', Add		63.31	
	For Work In Restricted Working Space, Add		34.53	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		34.53	
26 05 33 13-0764	EA 4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....		381.30	49.86
	For Elevated Installation >10' To 15', Add		12.47	
	For Elevated Installation >15' To 20', Add		24.93	
	For Elevated Installation >20' To 25', Add		31.16	
	For Elevated Installation >25' To 30', Add		43.63	
	For Elevated Installation >30' To 35', Add		49.86	
	For Elevated Installation >35' To 40', Add		62.33	
	For Elevated Installation >40', Add		68.56	
	For Work In Restricted Working Space, Add		37.40	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		37.40	
26 05 33 13-0765 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0722)</small>				
26 05 33 13-0766	EA 1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		23.11	7.68
	For Elevated Installation >10' To 15', Add		1.92	
	For Elevated Installation >15' To 20', Add		3.84	
	For Elevated Installation >20' To 25', Add		4.80	
	For Elevated Installation >25' To 30', Add		6.71	
	For Elevated Installation >30' To 35', Add		7.67	
	For Elevated Installation >35' To 40', Add		9.59	
	For Elevated Installation >40', Add		10.55	
	For Work In Restricted Working Space, Add		5.75	
26 05 33 13-0767	EA 3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		25.75	8.44
	For Elevated Installation >10' To 15', Add		2.11	
	For Elevated Installation >15' To 20', Add		4.22	
	For Elevated Installation >20' To 25', Add		5.28	
	For Elevated Installation >25' To 30', Add		7.39	
	For Elevated Installation >30' To 35', Add		8.44	
	For Elevated Installation >35' To 40', Add		10.55	
	For Elevated Installation >40', Add		11.61	
	For Work In Restricted Working Space, Add		6.33	
26 05 33 13-0768	EA 1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		29.51	9.59
	For Elevated Installation >10' To 15', Add		2.40	
	For Elevated Installation >15' To 20', Add		4.80	
	For Elevated Installation >20' To 25', Add		6.00	
	For Elevated Installation >25' To 30', Add		8.39	
	For Elevated Installation >30' To 35', Add		9.59	
	For Elevated Installation >35' To 40', Add		11.99	
	For Elevated Installation >40', Add		13.19	
	For Work In Restricted Working Space, Add		7.19	
26 05 33 13-0769	EA 1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		33.19	10.36
	For Elevated Installation >10' To 15', Add		2.59	
	For Elevated Installation >15' To 20', Add		5.18	
	For Elevated Installation >20' To 25', Add		6.47	
	For Elevated Installation >25' To 30', Add		9.06	
	For Elevated Installation >30' To 35', Add		10.36	
	For Elevated Installation >35' To 40', Add		12.95	
	For Elevated Installation >40', Add		14.24	
	For Work In Restricted Working Space, Add		7.77	
26 05 33 13-0770	EA 1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		38.95	11.50
	For Elevated Installation >10' To 15', Add		2.88	
	For Elevated Installation >15' To 20', Add		5.75	
	For Elevated Installation >20' To 25', Add		7.19	
	For Elevated Installation >25' To 30', Add		10.07	
	For Elevated Installation >30' To 35', Add		11.51	
	For Elevated Installation >35' To 40', Add		14.39	
	For Elevated Installation >40', Add		15.82	
	For Work In Restricted Working Space, Add		8.63	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-0771	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		46.69	12.66
		For Elevated Installation >10' To 15', Add		3.16	
		For Elevated Installation >15' To 20', Add		6.33	
		For Elevated Installation >20' To 25', Add		7.91	
		For Elevated Installation >25' To 30', Add		11.07	
		For Elevated Installation >30' To 35', Add		12.66	
		For Elevated Installation >35' To 40', Add		15.82	
		For Elevated Installation >40', Add		17.40	
		For Work In Restricted Working Space, Add		9.49	
26 05 33 13-0772	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		62.48	15.34
		For Elevated Installation >10' To 15', Add		3.84	
		For Elevated Installation >15' To 20', Add		7.67	
		For Elevated Installation >20' To 25', Add		9.59	
		For Elevated Installation >25' To 30', Add		13.43	
		For Elevated Installation >30' To 35', Add		15.34	
		For Elevated Installation >35' To 40', Add		19.18	
		For Elevated Installation >40', Add		21.10	
		For Work In Restricted Working Space, Add		11.51	
26 05 33 13-0773	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		77.38	19.18
		For Elevated Installation >10' To 15', Add		4.80	
		For Elevated Installation >15' To 20', Add		9.59	
		For Elevated Installation >20' To 25', Add		11.99	
		For Elevated Installation >25' To 30', Add		16.78	
		For Elevated Installation >30' To 35', Add		19.18	
		For Elevated Installation >35' To 40', Add		23.98	
		For Elevated Installation >40', Add		26.37	
		For Work In Restricted Working Space, Add		14.39	
26 05 33 13-0774	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		92.94	23.02
		For Elevated Installation >10' To 15', Add		5.75	
		For Elevated Installation >15' To 20', Add		11.51	
		For Elevated Installation >20' To 25', Add		14.39	
		For Elevated Installation >25' To 30', Add		20.14	
		For Elevated Installation >30' To 35', Add		23.02	
		For Elevated Installation >35' To 40', Add		28.77	
		For Elevated Installation >40', Add		31.65	
		For Work In Restricted Working Space, Add		17.26	
26 05 33 13-0775	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....		104.38	24.93
		For Elevated Installation >10' To 15', Add		6.23	
		For Elevated Installation >15' To 20', Add		12.47	
		For Elevated Installation >20' To 25', Add		15.59	
		For Elevated Installation >25' To 30', Add		21.82	
		For Elevated Installation >30' To 35', Add		24.94	
		For Elevated Installation >35' To 40', Add		31.17	
		For Elevated Installation >40', Add		34.29	
		For Work In Restricted Working Space, Add		18.70	
26 05 33 13-0776		Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs <small>(26 05 33 13-0772)</small>			
26 05 33 13-0777	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....		20.82	7.68
		For Elevated Installation >10' To 15', Add		1.92	
		For Elevated Installation >15' To 20', Add		3.84	
		For Elevated Installation >20' To 25', Add		4.80	
		For Elevated Installation >25' To 30', Add		6.71	
		For Elevated Installation >30' To 35', Add		7.67	
		For Elevated Installation >35' To 40', Add		9.59	
		For Elevated Installation >40', Add		10.55	
		For Work In Restricted Working Space, Add		5.75	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		5.75	
26 05 33 13-0778	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....		26.43	9.59
		For Elevated Installation >10' To 15', Add		2.40	
		For Elevated Installation >15' To 20', Add		4.79	
		For Elevated Installation >20' To 25', Add		5.99	
		For Elevated Installation >25' To 30', Add		8.39	
		For Elevated Installation >30' To 35', Add		9.59	
		For Elevated Installation >35' To 40', Add		11.99	
		For Elevated Installation >40', Add		13.18	
		For Work In Restricted Working Space, Add		7.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		7.19	
26 05 33 13-0779	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....		32.40	11.50
		For Elevated Installation >10' To 15', Add		2.88	
		For Elevated Installation >15' To 20', Add		5.75	
		For Elevated Installation >20' To 25', Add		7.19	
		For Elevated Installation >25' To 30', Add		10.07	
		For Elevated Installation >30' To 35', Add		11.51	
		For Elevated Installation >35' To 40', Add		14.39	
		For Elevated Installation >40', Add		15.82	
		For Work In Restricted Working Space, Add		8.63	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		8.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0780 EA 1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	38.70	13.43
<i>For Elevated Installation >10' To 15', Add</i>	3.36	
<i>For Elevated Installation >15' To 20', Add</i>	6.71	
<i>For Elevated Installation >20' To 25', Add</i>	8.39	
<i>For Elevated Installation >25' To 30', Add</i>	11.75	
<i>For Elevated Installation >30' To 35', Add</i>	13.43	
<i>For Elevated Installation >35' To 40', Add</i>	16.79	
<i>For Elevated Installation >40', Add</i>	18.46	
<i>For Work In Restricted Working Space, Add</i>	10.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.07	
26 05 33 13-0781 EA 1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	44.98	15.34
<i>For Elevated Installation >10' To 15', Add</i>	3.84	
<i>For Elevated Installation >15' To 20', Add</i>	7.67	
<i>For Elevated Installation >20' To 25', Add</i>	9.59	
<i>For Elevated Installation >25' To 30', Add</i>	13.43	
<i>For Elevated Installation >30' To 35', Add</i>	15.34	
<i>For Elevated Installation >35' To 40', Add</i>	19.18	
<i>For Elevated Installation >40', Add</i>	21.10	
<i>For Work In Restricted Working Space, Add</i>	11.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.51	
26 05 33 13-0782 EA 2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	52.71	17.27
<i>For Elevated Installation >10' To 15', Add</i>	4.32	
<i>For Elevated Installation >15' To 20', Add</i>	8.63	
<i>For Elevated Installation >20' To 25', Add</i>	10.79	
<i>For Elevated Installation >25' To 30', Add</i>	15.10	
<i>For Elevated Installation >30' To 35', Add</i>	17.26	
<i>For Elevated Installation >35' To 40', Add</i>	21.58	
<i>For Elevated Installation >40', Add</i>	23.73	
<i>For Work In Restricted Working Space, Add</i>	12.95	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.95	
26 05 33 13-0783 EA 2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	63.97	19.18
<i>For Elevated Installation >10' To 15', Add</i>	4.80	
<i>For Elevated Installation >15' To 20', Add</i>	9.59	
<i>For Elevated Installation >20' To 25', Add</i>	11.99	
<i>For Elevated Installation >25' To 30', Add</i>	16.78	
<i>For Elevated Installation >30' To 35', Add</i>	19.18	
<i>For Elevated Installation >35' To 40', Add</i>	23.98	
<i>For Elevated Installation >40', Add</i>	26.37	
<i>For Work In Restricted Working Space, Add</i>	14.39	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-0784 EA 3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	74.31	21.09
<i>For Elevated Installation >10' To 15', Add</i>	5.27	
<i>For Elevated Installation >15' To 20', Add</i>	10.55	
<i>For Elevated Installation >20' To 25', Add</i>	13.19	
<i>For Elevated Installation >25' To 30', Add</i>	18.46	
<i>For Elevated Installation >30' To 35', Add</i>	21.10	
<i>For Elevated Installation >35' To 40', Add</i>	26.37	
<i>For Elevated Installation >40', Add</i>	29.01	
<i>For Work In Restricted Working Space, Add</i>	15.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.82	
26 05 33 13-0785 EA 3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	90.31	24.93
<i>For Elevated Installation >10' To 15', Add</i>	6.23	
<i>For Elevated Installation >15' To 20', Add</i>	12.47	
<i>For Elevated Installation >20' To 25', Add</i>	15.59	
<i>For Elevated Installation >25' To 30', Add</i>	21.82	
<i>For Elevated Installation >30' To 35', Add</i>	24.94	
<i>For Elevated Installation >35' To 40', Add</i>	31.17	
<i>For Elevated Installation >40', Add</i>	34.29	
<i>For Work In Restricted Working Space, Add</i>	18.70	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70	
26 05 33 13-0786 EA 4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	102.41	26.85
<i>For Elevated Installation >10' To 15', Add</i>	6.71	
<i>For Elevated Installation >15' To 20', Add</i>	13.42	
<i>For Elevated Installation >20' To 25', Add</i>	16.78	
<i>For Elevated Installation >25' To 30', Add</i>	23.49	
<i>For Elevated Installation >30' To 35', Add</i>	26.85	
<i>For Elevated Installation >35' To 40', Add</i>	33.56	
<i>For Elevated Installation >40', Add</i>	36.92	
<i>For Work In Restricted Working Space, Add</i>	20.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.14	
26 05 33 13-0787 Intermediate Metal Conduit (IMC) Expansion Fittings (26 05 33 13-0722)		
26 05 33 13-0788 EA 1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	109.17	15.34
<i>For Elevated Installation >10' To 15', Add</i>	3.84	
<i>For Elevated Installation >15' To 20', Add</i>	7.67	
<i>For Elevated Installation >20' To 25', Add</i>	9.59	
<i>For Elevated Installation >25' To 30', Add</i>	13.43	
<i>For Elevated Installation >30' To 35', Add</i>	15.35	
<i>For Elevated Installation >35' To 40', Add</i>	19.19	
<i>For Elevated Installation >40', Add</i>	21.10	
<i>For Work In Restricted Working Space, Add</i>	11.51	
26 05 33 13-0789 EA 3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	121.03	17.27
<i>For Elevated Installation >10' To 15', Add</i>	4.32	
<i>For Elevated Installation >15' To 20', Add</i>	8.63	
<i>For Elevated Installation >20' To 25', Add</i>	10.79	
<i>For Elevated Installation >25' To 30', Add</i>	15.10	
<i>For Elevated Installation >30' To 35', Add</i>	17.26	
<i>For Elevated Installation >35' To 40', Add</i>	21.58	
<i>For Elevated Installation >40', Add</i>	23.73	
<i>For Work In Restricted Working Space, Add</i>	12.95	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0790	EA		1" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	134.51 4.80 9.59 11.99 16.79 19.18 23.98 26.38 14.39	19.18
26 05 33 13-0791	EA		1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	160.72 5.28 10.55 13.19 18.46 21.10 26.38 29.01 15.83	21.09
26 05 33 13-0792	EA		1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	194.49 5.75 11.51 14.39 20.14 23.02 28.77 31.65 17.26	23.02
26 05 33 13-0793	EA		2" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	251.19 6.23 12.47 15.58 21.82 24.93 31.17 34.28 18.70	24.93
26 05 33 13-0794	EA		2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	373.37 7.67 15.34 19.18 26.85 30.69 38.36 42.20 23.02	30.68
26 05 33 13-0795	EA		3" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	450.11 9.59 19.18 23.97 33.56 38.36 47.95 52.74 28.77	38.36
26 05 33 13-0796	EA		3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	621.13 11.51 23.02 28.77 40.28 46.03 57.54 63.29 34.52	46.03
26 05 33 13-0797	EA		4" Intermediate Metal Conduit (IMC) Expansion Fitting <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	715.48 12.47 24.93 31.16 43.63 49.86 62.33 68.56 37.40	49.86
26 05 33 13-0798			Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal (26 05 33 13-0722)		
26 05 33 13-0799	EA		1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.19 4.80 9.59 11.99 16.78 19.18 23.98 26.37 14.39 14.39	23.98

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0800	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	89.54	28.77
		<i>For Elevated Installation >10' To 15', Add</i>	5.75	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.77	
		<i>For Elevated Installation >40', Add</i>	31.65	
		<i>For Work In Restricted Working Space, Add</i>	17.26	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.26	
26 05 33 13-0801	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	108.25	33.57
		<i>For Elevated Installation >10' To 15', Add</i>	6.71	
		<i>For Elevated Installation >15' To 20', Add</i>	13.43	
		<i>For Elevated Installation >20' To 25', Add</i>	16.78	
		<i>For Elevated Installation >25' To 30', Add</i>	23.50	
		<i>For Elevated Installation >30' To 35', Add</i>	26.85	
		<i>For Elevated Installation >35' To 40', Add</i>	33.57	
		<i>For Elevated Installation >40', Add</i>	36.92	
		<i>For Work In Restricted Working Space, Add</i>	20.14	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.14	
26 05 33 13-0802	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	126.66	38.36
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-0803	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	161.49	43.16
		<i>For Elevated Installation >10' To 15', Add</i>	8.63	
		<i>For Elevated Installation >15' To 20', Add</i>	17.26	
		<i>For Elevated Installation >20' To 25', Add</i>	21.58	
		<i>For Elevated Installation >25' To 30', Add</i>	30.21	
		<i>For Elevated Installation >30' To 35', Add</i>	34.52	
		<i>For Elevated Installation >35' To 40', Add</i>	43.16	
		<i>For Elevated Installation >40', Add</i>	47.47	
		<i>For Work In Restricted Working Space, Add</i>	25.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.89	
26 05 33 13-0804	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	193.30	47.95
		<i>For Elevated Installation >10' To 15', Add</i>	9.59	
		<i>For Elevated Installation >15' To 20', Add</i>	19.18	
		<i>For Elevated Installation >20' To 25', Add</i>	23.97	
		<i>For Elevated Installation >25' To 30', Add</i>	33.56	
		<i>For Elevated Installation >30' To 35', Add</i>	38.36	
		<i>For Elevated Installation >35' To 40', Add</i>	47.95	
		<i>For Elevated Installation >40', Add</i>	52.74	
		<i>For Work In Restricted Working Space, Add</i>	28.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.77	
26 05 33 13-0805	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	266.41	57.54
		<i>For Elevated Installation >10' To 15', Add</i>	11.51	
		<i>For Elevated Installation >15' To 20', Add</i>	23.01	
		<i>For Elevated Installation >20' To 25', Add</i>	28.77	
		<i>For Elevated Installation >25' To 30', Add</i>	40.27	
		<i>For Elevated Installation >30' To 35', Add</i>	46.03	
		<i>For Elevated Installation >35' To 40', Add</i>	57.54	
		<i>For Elevated Installation >40', Add</i>	63.29	
		<i>For Work In Restricted Working Space, Add</i>	34.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.52	
26 05 33 13-0806	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	319.12	67.13
		<i>For Elevated Installation >10' To 15', Add</i>	13.43	
		<i>For Elevated Installation >15' To 20', Add</i>	26.85	
		<i>For Elevated Installation >20' To 25', Add</i>	33.56	
		<i>For Elevated Installation >25' To 30', Add</i>	46.99	
		<i>For Elevated Installation >30' To 35', Add</i>	53.70	
		<i>For Elevated Installation >35' To 40', Add</i>	67.13	
		<i>For Elevated Installation >40', Add</i>	73.84	
		<i>For Work In Restricted Working Space, Add</i>	40.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.28	
26 05 33 13-0807	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	686.61	76.72
		<i>For Elevated Installation >10' To 15', Add</i>	15.34	
		<i>For Elevated Installation >15' To 20', Add</i>	30.69	
		<i>For Elevated Installation >20' To 25', Add</i>	38.36	
		<i>For Elevated Installation >25' To 30', Add</i>	53.70	
		<i>For Elevated Installation >30' To 35', Add</i>	61.37	
		<i>For Elevated Installation >35' To 40', Add</i>	76.72	
		<i>For Elevated Installation >40', Add</i>	84.39	
		<i>For Work In Restricted Working Space, Add</i>	46.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.03	
26 05 33 13-0808	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	789.69	86.31
		<i>For Elevated Installation >10' To 15', Add</i>	17.26	
		<i>For Elevated Installation >15' To 20', Add</i>	34.52	
		<i>For Elevated Installation >20' To 25', Add</i>	43.15	
		<i>For Elevated Installation >25' To 30', Add</i>	60.41	
		<i>For Elevated Installation >30' To 35', Add</i>	69.04	
		<i>For Elevated Installation >35' To 40', Add</i>	86.31	
		<i>For Elevated Installation >40', Add</i>	94.94	
		<i>For Work In Restricted Working Space, Add</i>	51.78	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0809	EA		Intermediate Metal Conduit (IMC) Threaded Couplings <small>(26 05 33 13-0722)</small>		
26 05 33 13-0810	EA		1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	12.43	4.60
			<i>For Elevated Installation >10' To 15', Add</i>	1.15	
			<i>For Elevated Installation >15' To 20', Add</i>	2.30	
			<i>For Elevated Installation >20' To 25', Add</i>	2.88	
			<i>For Elevated Installation >25' To 30', Add</i>	4.03	
			<i>For Elevated Installation >30' To 35', Add</i>	4.60	
			<i>For Elevated Installation >35' To 40', Add</i>	5.75	
			<i>For Elevated Installation >40', Add</i>	6.33	
			<i>For Work In Restricted Working Space, Add</i>	3.45	
26 05 33 13-0811	EA		3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	17.44	6.52
			<i>For Elevated Installation >10' To 15', Add</i>	1.63	
			<i>For Elevated Installation >15' To 20', Add</i>	3.26	
			<i>For Elevated Installation >20' To 25', Add</i>	4.08	
			<i>For Elevated Installation >25' To 30', Add</i>	5.71	
			<i>For Elevated Installation >30' To 35', Add</i>	6.52	
			<i>For Elevated Installation >35' To 40', Add</i>	8.16	
			<i>For Elevated Installation >40', Add</i>	8.97	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
26 05 33 13-0812	EA		1" Intermediate Metal Conduit (IMC) Threaded Coupling	22.76	8.44
			<i>For Elevated Installation >10' To 15', Add</i>	2.11	
			<i>For Elevated Installation >15' To 20', Add</i>	4.22	
			<i>For Elevated Installation >20' To 25', Add</i>	5.27	
			<i>For Elevated Installation >25' To 30', Add</i>	7.38	
			<i>For Elevated Installation >30' To 35', Add</i>	8.43	
			<i>For Elevated Installation >35' To 40', Add</i>	10.54	
			<i>For Elevated Installation >40', Add</i>	11.59	
			<i>For Work In Restricted Working Space, Add</i>	6.32	
26 05 33 13-0813	EA		1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	26.08	9.59
			<i>For Elevated Installation >10' To 15', Add</i>	2.40	
			<i>For Elevated Installation >15' To 20', Add</i>	4.80	
			<i>For Elevated Installation >20' To 25', Add</i>	6.00	
			<i>For Elevated Installation >25' To 30', Add</i>	8.39	
			<i>For Elevated Installation >30' To 35', Add</i>	9.59	
			<i>For Elevated Installation >35' To 40', Add</i>	11.99	
			<i>For Elevated Installation >40', Add</i>	13.19	
			<i>For Work In Restricted Working Space, Add</i>	7.19	
26 05 33 13-0814	EA		1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	31.41	11.50
			<i>For Elevated Installation >10' To 15', Add</i>	2.88	
			<i>For Elevated Installation >15' To 20', Add</i>	5.75	
			<i>For Elevated Installation >20' To 25', Add</i>	7.19	
			<i>For Elevated Installation >25' To 30', Add</i>	10.07	
			<i>For Elevated Installation >30' To 35', Add</i>	11.50	
			<i>For Elevated Installation >35' To 40', Add</i>	14.38	
			<i>For Elevated Installation >40', Add</i>	15.82	
			<i>For Work In Restricted Working Space, Add</i>	8.63	
26 05 33 13-0815	EA		2" Intermediate Metal Conduit (IMC) Threaded Coupling	36.12	13.05
			<i>For Elevated Installation >10' To 15', Add</i>	3.26	
			<i>For Elevated Installation >15' To 20', Add</i>	6.52	
			<i>For Elevated Installation >20' To 25', Add</i>	8.16	
			<i>For Elevated Installation >25' To 30', Add</i>	11.42	
			<i>For Elevated Installation >30' To 35', Add</i>	13.05	
			<i>For Elevated Installation >35' To 40', Add</i>	16.31	
			<i>For Elevated Installation >40', Add</i>	17.94	
			<i>For Work In Restricted Working Space, Add</i>	9.79	
26 05 33 13-0816	EA		2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	44.17	14.58
			<i>For Elevated Installation >10' To 15', Add</i>	3.64	
			<i>For Elevated Installation >15' To 20', Add</i>	7.29	
			<i>For Elevated Installation >20' To 25', Add</i>	9.11	
			<i>For Elevated Installation >25' To 30', Add</i>	12.75	
			<i>For Elevated Installation >30' To 35', Add</i>	14.57	
			<i>For Elevated Installation >35' To 40', Add</i>	18.22	
			<i>For Elevated Installation >40', Add</i>	20.04	
			<i>For Work In Restricted Working Space, Add</i>	10.93	
26 05 33 13-0817	EA		3" Intermediate Metal Conduit (IMC) Threaded Coupling	51.82	16.49
			<i>For Elevated Installation >10' To 15', Add</i>	4.12	
			<i>For Elevated Installation >15' To 20', Add</i>	8.25	
			<i>For Elevated Installation >20' To 25', Add</i>	10.31	
			<i>For Elevated Installation >25' To 30', Add</i>	14.43	
			<i>For Elevated Installation >30' To 35', Add</i>	16.50	
			<i>For Elevated Installation >35' To 40', Add</i>	20.62	
			<i>For Elevated Installation >40', Add</i>	22.68	
			<i>For Work In Restricted Working Space, Add</i>	12.37	
26 05 33 13-0818	EA		3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	59.22	18.03
			<i>For Elevated Installation >10' To 15', Add</i>	4.51	
			<i>For Elevated Installation >15' To 20', Add</i>	9.02	
			<i>For Elevated Installation >20' To 25', Add</i>	11.27	
			<i>For Elevated Installation >25' To 30', Add</i>	15.78	
			<i>For Elevated Installation >30' To 35', Add</i>	18.03	
			<i>For Elevated Installation >35' To 40', Add</i>	22.54	
			<i>For Elevated Installation >40', Add</i>	24.79	
			<i>For Work In Restricted Working Space, Add</i>	13.52	
26 05 33 13-0819	EA		4" Intermediate Metal Conduit (IMC) Threaded Coupling	62.19	19.18
			<i>For Elevated Installation >10' To 15', Add</i>	4.79	
			<i>For Elevated Installation >15' To 20', Add</i>	9.59	
			<i>For Elevated Installation >20' To 25', Add</i>	11.99	
			<i>For Elevated Installation >25' To 30', Add</i>	16.78	
			<i>For Elevated Installation >30' To 35', Add</i>	19.18	
			<i>For Elevated Installation >35' To 40', Add</i>	23.97	
			<i>For Elevated Installation >40', Add</i>	26.37	
			<i>For Work In Restricted Working Space, Add</i>	14.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0820 Intermediate Metal Conduit (IMC) Reducer Bushings <small>(26 05 33 13-0722)</small>					
26 05 33 13-0821	EA		1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	5.83	1.91
			For Elevated Installation >10' To 15', Add	0.48	
			For Elevated Installation >15' To 20', Add	0.96	
			For Elevated Installation >20' To 25', Add	1.20	
			For Elevated Installation >25' To 30', Add	1.68	
			For Elevated Installation >30' To 35', Add	1.92	
			For Elevated Installation >35' To 40', Add	2.40	
			For Elevated Installation >40', Add	2.63	
			For Work In Restricted Working Space, Add	1.44	
26 05 33 13-0822	EA		3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	6.44	1.91
			For Elevated Installation >10' To 15', Add	0.48	
			For Elevated Installation >15' To 20', Add	0.96	
			For Elevated Installation >20' To 25', Add	1.20	
			For Elevated Installation >25' To 30', Add	1.68	
			For Elevated Installation >30' To 35', Add	1.92	
			For Elevated Installation >35' To 40', Add	2.40	
			For Elevated Installation >40', Add	2.64	
			For Work In Restricted Working Space, Add	1.44	
26 05 33 13-0823 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0058)</small>					
Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.					
26 05 33 13-0824 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0823)</small>					
Note: Includes field bending for conduit up to 1".					
26 05 33 13-0825	LF		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	12.30	2.69
			For Elevated Installation >10' To 15', Add	0.67	
			For Elevated Installation >15' To 20', Add	1.34	
			For Elevated Installation >20' To 25', Add	1.68	
			For Elevated Installation >25' To 30', Add	2.35	
			For Elevated Installation >30' To 35', Add	2.68	
			For Elevated Installation >35' To 40', Add	3.36	
			For Elevated Installation >40', Add	3.69	
			For Work In Restricted Working Space, Add	2.01	
			For >250 To 500, Deduct	-0.45	
			For >500 To 1,000, Deduct	-0.75	
			For >1,000, Deduct	-1.06	
26 05 33 13-0826	LF		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	14.16	3.07
			For Elevated Installation >10' To 15', Add	0.77	
			For Elevated Installation >15' To 20', Add	1.54	
			For Elevated Installation >20' To 25', Add	1.92	
			For Elevated Installation >25' To 30', Add	2.69	
			For Elevated Installation >30' To 35', Add	3.07	
			For Elevated Installation >35' To 40', Add	3.84	
			For Elevated Installation >40', Add	4.22	
			For Work In Restricted Working Space, Add	2.30	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.22	
26 05 33 13-0827	LF		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	17.98	3.84
			For Elevated Installation >10' To 15', Add	0.96	
			For Elevated Installation >15' To 20', Add	1.92	
			For Elevated Installation >20' To 25', Add	2.40	
			For Elevated Installation >25' To 30', Add	3.36	
			For Elevated Installation >30' To 35', Add	3.84	
			For Elevated Installation >35' To 40', Add	4.80	
			For Elevated Installation >40', Add	5.27	
			For Work In Restricted Working Space, Add	2.88	
			For >250 To 500, Deduct	-0.66	
			For >500 To 1,000, Deduct	-1.11	
			For >1,000, Deduct	-1.56	
26 05 33 13-0828	LF		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	22.14	4.60
			For Elevated Installation >10' To 15', Add	1.15	
			For Elevated Installation >15' To 20', Add	2.30	
			For Elevated Installation >20' To 25', Add	2.88	
			For Elevated Installation >25' To 30', Add	4.03	
			For Elevated Installation >30' To 35', Add	4.60	
			For Elevated Installation >35' To 40', Add	5.75	
			For Elevated Installation >40', Add	6.33	
			For Work In Restricted Working Space, Add	3.45	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.37	
			For >1,000, Deduct	-1.93	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0829	LF 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	27.32	5.75
	For Elevated Installation >10' To 15', Add	1.44	
	For Elevated Installation >15' To 20', Add	2.88	
	For Elevated Installation >20' To 25', Add	3.60	
	For Elevated Installation >25' To 30', Add	5.04	
	For Elevated Installation >30' To 35', Add	5.76	
	For Elevated Installation >35' To 40', Add	7.20	
	For Elevated Installation >40', Add	7.91	
	For Work In Restricted Working Space, Add	4.32	
	For >250 To 500, Deduct	-1.01	
	For >500 To 1,000, Deduct	-1.69	
	For >1,000, Deduct	-2.37	
26 05 33 13-0830	LF 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	34.13	6.90
	For Elevated Installation >10' To 15', Add	1.73	
	For Elevated Installation >15' To 20', Add	3.45	
	For Elevated Installation >20' To 25', Add	4.32	
	For Elevated Installation >25' To 30', Add	6.04	
	For Elevated Installation >30' To 35', Add	6.91	
	For Elevated Installation >35' To 40', Add	8.64	
	For Elevated Installation >40', Add	9.50	
	For Work In Restricted Working Space, Add	5.18	
	For >250 To 500, Deduct	-1.27	
	For >500 To 1,000, Deduct	-2.13	
	For >1,000, Deduct	-2.98	
26 05 33 13-0831	LF 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	45.70	8.06
	For Elevated Installation >10' To 15', Add	2.01	
	For Elevated Installation >15' To 20', Add	4.03	
	For Elevated Installation >20' To 25', Add	5.04	
	For Elevated Installation >25' To 30', Add	7.05	
	For Elevated Installation >30' To 35', Add	8.06	
	For Elevated Installation >35' To 40', Add	10.07	
	For Elevated Installation >40', Add	11.08	
	For Work In Restricted Working Space, Add	6.04	
	For >250 To 500, Deduct	-1.78	
	For >500 To 1,000, Deduct	-2.92	
	For >1,000, Deduct	-4.07	
26 05 33 13-0832	LF 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	57.16	9.97
	For Elevated Installation >10' To 15', Add	2.49	
	For Elevated Installation >15' To 20', Add	4.99	
	For Elevated Installation >20' To 25', Add	6.23	
	For Elevated Installation >25' To 30', Add	8.73	
	For Elevated Installation >30' To 35', Add	9.97	
	For Elevated Installation >35' To 40', Add	12.47	
	For Elevated Installation >40', Add	13.71	
	For Work In Restricted Working Space, Add	7.48	
	For >250 To 500, Deduct	-2.23	
	For >500 To 1,000, Deduct	-3.66	
	For >1,000, Deduct	-5.09	
26 05 33 13-0833	LF 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	70.10	12.27
	For Elevated Installation >10' To 15', Add	3.07	
	For Elevated Installation >15' To 20', Add	6.14	
	For Elevated Installation >20' To 25', Add	7.67	
	For Elevated Installation >25' To 30', Add	10.74	
	For Elevated Installation >30' To 35', Add	12.27	
	For Elevated Installation >35' To 40', Add	15.34	
	For Elevated Installation >40', Add	16.87	
	For Work In Restricted Working Space, Add	9.20	
	For >250 To 500, Deduct	-2.74	
	For >500 To 1,000, Deduct	-4.49	
	For >1,000, Deduct	-6.24	
26 05 33 13-0834	LF 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	82.92	14.58
	For Elevated Installation >10' To 15', Add	3.64	
	For Elevated Installation >15' To 20', Add	7.29	
	For Elevated Installation >20' To 25', Add	9.11	
	For Elevated Installation >25' To 30', Add	12.75	
	For Elevated Installation >30' To 35', Add	14.58	
	For Elevated Installation >35' To 40', Add	18.22	
	For Elevated Installation >40', Add	20.04	
	For Work In Restricted Working Space, Add	10.93	
	For >250 To 500, Deduct	-3.24	
	For >500 To 1,000, Deduct	-5.31	
	For >1,000, Deduct	-7.38	
26 05 33 13-0835	LF 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	125.52	17.27
	For Elevated Installation >10' To 15', Add	4.32	
	For Elevated Installation >15' To 20', Add	8.63	
	For Elevated Installation >20' To 25', Add	10.79	
	For Elevated Installation >25' To 30', Add	15.11	
	For Elevated Installation >30' To 35', Add	17.26	
	For Elevated Installation >35' To 40', Add	21.58	
	For Elevated Installation >40', Add	23.74	
	For Work In Restricted Working Space, Add	12.95	
	For >250 To 500, Deduct	-5.20	
	For >500 To 1,000, Deduct	-8.34	
	For >1,000, Deduct	-11.47	

MINOR	DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
26 05 33 13-0836	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	170.41	23.02
		<i>For Elevated Installation >10' To 15', Add</i>	5.75	
		<i>For Elevated Installation >15' To 20', Add</i>	11.51	
		<i>For Elevated Installation >20' To 25', Add</i>	14.39	
		<i>For Elevated Installation >25' To 30', Add</i>	20.14	
		<i>For Elevated Installation >30' To 35', Add</i>	23.02	
		<i>For Elevated Installation >35' To 40', Add</i>	28.77	
		<i>For Elevated Installation >40', Add</i>	31.65	
		<i>For Work In Restricted Working Space, Add</i>	17.26	
		<i>For >250 To 500, Deduct</i>	-7.08	
		<i>For >500 To 1,000, Deduct</i>	-11.34	
		<i>For >1,000, Deduct</i>	-15.60	
26 05 33 13-0837		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings <small>(26 05 33 13-0823)</small>		
26 05 33 13-0838	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	17.41	5.75
		<i>For Elevated Installation >10' To 15', Add</i>	1.15	
		<i>For Elevated Installation >15' To 20', Add</i>	2.30	
		<i>For Elevated Installation >20' To 25', Add</i>	2.88	
		<i>For Elevated Installation >25' To 30', Add</i>	4.03	
		<i>For Elevated Installation >30' To 35', Add</i>	4.60	
		<i>For Elevated Installation >35' To 40', Add</i>	5.75	
		<i>For Elevated Installation >40', Add</i>	6.33	
		<i>For Work In Restricted Working Space, Add</i>	3.45	
26 05 33 13-0839	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	22.49	8.15
		<i>For Elevated Installation >10' To 15', Add</i>	1.63	
		<i>For Elevated Installation >15' To 20', Add</i>	3.26	
		<i>For Elevated Installation >20' To 25', Add</i>	4.08	
		<i>For Elevated Installation >25' To 30', Add</i>	5.71	
		<i>For Elevated Installation >30' To 35', Add</i>	6.52	
		<i>For Elevated Installation >35' To 40', Add</i>	8.15	
		<i>For Elevated Installation >40', Add</i>	8.97	
		<i>For Work In Restricted Working Space, Add</i>	4.89	
26 05 33 13-0840	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	29.12	10.55
		<i>For Elevated Installation >10' To 15', Add</i>	2.11	
		<i>For Elevated Installation >15' To 20', Add</i>	4.22	
		<i>For Elevated Installation >20' To 25', Add</i>	5.27	
		<i>For Elevated Installation >25' To 30', Add</i>	7.38	
		<i>For Elevated Installation >30' To 35', Add</i>	8.44	
		<i>For Elevated Installation >35' To 40', Add</i>	10.55	
		<i>For Elevated Installation >40', Add</i>	11.60	
		<i>For Work In Restricted Working Space, Add</i>	6.33	
26 05 33 13-0841	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	33.35	11.98
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Work In Restricted Working Space, Add</i>	7.19	
26 05 33 13-0842	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	39.91	14.39
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.75	
		<i>For Elevated Installation >20' To 25', Add</i>	7.19	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.82	
		<i>For Work In Restricted Working Space, Add</i>	8.63	
26 05 33 13-0843	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	48.92	16.30
		<i>For Elevated Installation >10' To 15', Add</i>	3.26	
		<i>For Elevated Installation >15' To 20', Add</i>	6.52	
		<i>For Elevated Installation >20' To 25', Add</i>	8.15	
		<i>For Elevated Installation >25' To 30', Add</i>	11.41	
		<i>For Elevated Installation >30' To 35', Add</i>	13.04	
		<i>For Elevated Installation >35' To 40', Add</i>	16.31	
		<i>For Elevated Installation >40', Add</i>	17.94	
		<i>For Work In Restricted Working Space, Add</i>	9.78	
26 05 33 13-0844	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	76.80	16.30
		<i>For Elevated Installation >10' To 15', Add</i>	3.64	
		<i>For Elevated Installation >15' To 20', Add</i>	7.29	
		<i>For Elevated Installation >20' To 25', Add</i>	9.11	
		<i>For Elevated Installation >25' To 30', Add</i>	12.75	
		<i>For Elevated Installation >30' To 35', Add</i>	14.58	
		<i>For Elevated Installation >35' To 40', Add</i>	18.22	
		<i>For Elevated Installation >40', Add</i>	20.04	
		<i>For Work In Restricted Working Space, Add</i>	10.93	
26 05 33 13-0845	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	90.24	22.54
		<i>For Elevated Installation >10' To 15', Add</i>	4.12	
		<i>For Elevated Installation >15' To 20', Add</i>	8.25	
		<i>For Elevated Installation >20' To 25', Add</i>	10.31	
		<i>For Elevated Installation >25' To 30', Add</i>	14.43	
		<i>For Elevated Installation >30' To 35', Add</i>	16.49	
		<i>For Elevated Installation >35' To 40', Add</i>	20.62	
		<i>For Elevated Installation >40', Add</i>	22.68	
		<i>For Work In Restricted Working Space, Add</i>	12.37	

26	Electrical
26 05	Common Work Results For Electrical
26 05 33	Raceway And Boxes For Electrical Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT	COST	UNIT	COST
26 05 33 13-0846	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....		107.95		22.54
	For Elevated Installation >10' To 15', Add		4.51		
	For Elevated Installation >15' To 20', Add		9.01		
	For Elevated Installation >20' To 25', Add		11.27		
	For Elevated Installation >25' To 30', Add		15.77		
	For Elevated Installation >30' To 35', Add		18.03		
	For Elevated Installation >35' To 40', Add		22.54		
	For Elevated Installation >40', Add		24.79		
	For Work In Restricted Working Space, Add		13.52		
26 05 33 13-0847	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....		121.47		23.98
	For Elevated Installation >10' To 15', Add		4.80		
	For Elevated Installation >15' To 20', Add		9.59		
	For Elevated Installation >20' To 25', Add		11.99		
	For Elevated Installation >25' To 30', Add		16.78		
	For Elevated Installation >30' To 35', Add		19.18		
	For Elevated Installation >35' To 40', Add		23.98		
	For Elevated Installation >40', Add		26.37		
	For Work In Restricted Working Space, Add		14.39		
26 05 33 13-0848	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....		297.10		28.77
	For Elevated Installation >10' To 15', Add		5.75		
	For Elevated Installation >15' To 20', Add		11.51		
	For Elevated Installation >20' To 25', Add		14.39		
	For Elevated Installation >25' To 30', Add		20.14		
	For Elevated Installation >30' To 35', Add		23.02		
	For Elevated Installation >35' To 40', Add		28.77		
	For Elevated Installation >40', Add		31.65		
	For Work In Restricted Working Space, Add		17.26		
26 05 33 13-0849	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....		334.74		33.57
	For Elevated Installation >10' To 15', Add		6.71		
	For Elevated Installation >15' To 20', Add		13.43		
	For Elevated Installation >20' To 25', Add		16.78		
	For Elevated Installation >25' To 30', Add		23.50		
	For Elevated Installation >30' To 35', Add		26.85		
	For Elevated Installation >35' To 40', Add		33.57		
	For Elevated Installation >40', Add		36.92		
	For Work In Restricted Working Space, Add		20.14		
26 05 33 13-0850	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows <small>(26 05 33 13-0823)</small> Note: 90, 45, or 30 degree.				
26 05 33 13-0851	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....		51.86		15.58
	For Elevated Installation >10' To 15', Add		3.12		
	For Elevated Installation >15' To 20', Add		6.23		
	For Elevated Installation >20' To 25', Add		7.79		
	For Elevated Installation >25' To 30', Add		10.91		
	For Elevated Installation >30' To 35', Add		12.46		
	For Elevated Installation >35' To 40', Add		15.58		
	For Elevated Installation >40', Add		17.14		
	For Work In Restricted Working Space, Add		9.35		
26 05 33 13-0852	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....		60.14		19.32
	For Elevated Installation >10' To 15', Add		3.87		
	For Elevated Installation >15' To 20', Add		7.73		
	For Elevated Installation >20' To 25', Add		9.66		
	For Elevated Installation >25' To 30', Add		13.53		
	For Elevated Installation >30' To 35', Add		15.46		
	For Elevated Installation >35' To 40', Add		19.33		
	For Elevated Installation >40', Add		21.26		
	For Work In Restricted Working Space, Add		11.60		
26 05 33 13-0853	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....		72.03		23.69
	For Elevated Installation >10' To 15', Add		4.74		
	For Elevated Installation >15' To 20', Add		9.48		
	For Elevated Installation >20' To 25', Add		11.85		
	For Elevated Installation >25' To 30', Add		16.58		
	For Elevated Installation >30' To 35', Add		18.95		
	For Elevated Installation >35' To 40', Add		23.69		
	For Elevated Installation >40', Add		26.06		
	For Work In Restricted Working Space, Add		14.21		
26 05 33 13-0854	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....		85.14		27.43
	For Elevated Installation >10' To 15', Add		5.49		
	For Elevated Installation >15' To 20', Add		10.97		
	For Elevated Installation >20' To 25', Add		13.71		
	For Elevated Installation >25' To 30', Add		19.20		
	For Elevated Installation >30' To 35', Add		21.94		
	For Elevated Installation >35' To 40', Add		27.43		
	For Elevated Installation >40', Add		30.17		
	For Work In Restricted Working Space, Add		16.46		
26 05 33 13-0855	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....		99.57		31.16
	For Elevated Installation >10' To 15', Add		6.23		
	For Elevated Installation >15' To 20', Add		12.47		
	For Elevated Installation >20' To 25', Add		15.59		
	For Elevated Installation >25' To 30', Add		21.82		
	For Elevated Installation >30' To 35', Add		24.94		
	For Elevated Installation >35' To 40', Add		31.17		
	For Elevated Installation >40', Add		34.29		
	For Work In Restricted Working Space, Add		18.70		

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0856	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	120.52	34.28
		For Elevated Installation >10' To 15', Add	6.86	
		For Elevated Installation >15' To 20', Add	13.71	
		For Elevated Installation >20' To 25', Add	17.14	
		For Elevated Installation >25' To 30', Add	24.00	
		For Elevated Installation >30' To 35', Add	27.43	
		For Elevated Installation >35' To 40', Add	34.29	
		For Elevated Installation >40', Add	37.71	
		For Work In Restricted Working Space, Add	20.57	
26 05 33 13-0857	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	183.89	43.01
		For Elevated Installation >10' To 15', Add	8.60	
		For Elevated Installation >15' To 20', Add	17.20	
		For Elevated Installation >20' To 25', Add	21.50	
		For Elevated Installation >25' To 30', Add	30.10	
		For Elevated Installation >30' To 35', Add	34.40	
		For Elevated Installation >35' To 40', Add	43.01	
		For Elevated Installation >40', Add	47.31	
		For Work In Restricted Working Space, Add	25.80	
26 05 33 13-0858	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	273.60	58.59
		For Elevated Installation >10' To 15', Add	11.72	
		For Elevated Installation >15' To 20', Add	23.44	
		For Elevated Installation >20' To 25', Add	29.30	
		For Elevated Installation >25' To 30', Add	41.02	
		For Elevated Installation >30' To 35', Add	46.88	
		For Elevated Installation >35' To 40', Add	58.60	
		For Elevated Installation >40', Add	64.45	
		For Work In Restricted Working Space, Add	35.16	
26 05 33 13-0859	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	337.38	66.07
		For Elevated Installation >10' To 15', Add	13.22	
		For Elevated Installation >15' To 20', Add	26.43	
		For Elevated Installation >20' To 25', Add	33.04	
		For Elevated Installation >25' To 30', Add	46.25	
		For Elevated Installation >30' To 35', Add	52.86	
		For Elevated Installation >35' To 40', Add	66.08	
		For Elevated Installation >40', Add	72.68	
		For Work In Restricted Working Space, Add	39.65	
26 05 33 13-0860	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	388.99	86.01
		For Elevated Installation >10' To 15', Add	17.20	
		For Elevated Installation >15' To 20', Add	34.41	
		For Elevated Installation >20' To 25', Add	43.01	
		For Elevated Installation >25' To 30', Add	60.21	
		For Elevated Installation >30' To 35', Add	68.82	
		For Elevated Installation >35' To 40', Add	86.02	
		For Elevated Installation >40', Add	94.62	
		For Work In Restricted Working Space, Add	51.61	
26 05 33 13-0861	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	803.31	140.24
		For Elevated Installation >10' To 15', Add	28.05	
		For Elevated Installation >15' To 20', Add	56.10	
		For Elevated Installation >20' To 25', Add	70.13	
		For Elevated Installation >25' To 30', Add	98.18	
		For Elevated Installation >30' To 35', Add	112.20	
		For Elevated Installation >35' To 40', Add	140.25	
		For Elevated Installation >40', Add	154.28	
		For Work In Restricted Working Space, Add	84.15	
26 05 33 13-0862	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	1,261.73	210.69
		For Elevated Installation >10' To 15', Add	42.14	
		For Elevated Installation >15' To 20', Add	84.27	
		For Elevated Installation >20' To 25', Add	105.34	
		For Elevated Installation >25' To 30', Add	147.48	
		For Elevated Installation >30' To 35', Add	168.55	
		For Elevated Installation >35' To 40', Add	210.69	
		For Elevated Installation >40', Add	231.75	
		For Work In Restricted Working Space, Add	126.41	
26 05 33 13-0863		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows <small>(26 05 33 13-0823)</small>		
26 05 33 13-0864	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	120.83	23.69
		For Elevated Installation >10' To 15', Add	4.74	
		For Elevated Installation >15' To 20', Add	9.48	
		For Elevated Installation >20' To 25', Add	11.85	
		For Elevated Installation >25' To 30', Add	16.58	
		For Elevated Installation >30' To 35', Add	18.95	
		For Elevated Installation >35' To 40', Add	23.69	
		For Elevated Installation >40', Add	26.06	
		For Work In Restricted Working Space, Add	14.21	
26 05 33 13-0865	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	136.09	27.43
		For Elevated Installation >10' To 15', Add	5.49	
		For Elevated Installation >15' To 20', Add	10.97	
		For Elevated Installation >20' To 25', Add	13.71	
		For Elevated Installation >25' To 30', Add	19.20	
		For Elevated Installation >30' To 35', Add	21.94	
		For Elevated Installation >35' To 40', Add	27.43	
		For Elevated Installation >40', Add	30.17	
		For Work In Restricted Working Space, Add	16.46	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST

DEMOLITION UNIT COST

26 05 33 13-0866	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	155.34	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-0867	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	184.88	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-0868	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	256.74	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	

26 05 33 13-0869 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows (26 05 33 13-0823)

26 05 33 13-0870	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	134.02	23.69
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
		<i>For Work In Restricted Working Space, Add</i>	14.21	
26 05 33 13-0871	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	157.90	27.43
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
		<i>For Work In Restricted Working Space, Add</i>	16.46	
26 05 33 13-0872	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	170.98	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-0873	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	218.98	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-0874	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	289.61	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	
26 05 33 13-0875	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	371.10	58.59
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
		<i>For Work In Restricted Working Space, Add</i>	35.16	

26 05 33 13-0876 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows (26 05 33 13-0823)

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0877	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	149.80	23.69	
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
	<i>For Work In Restricted Working Space, Add</i>	14.21		
26 05 33 13-0878	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	169.25	27.43	
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
	<i>For Work In Restricted Working Space, Add</i>	16.46		
26 05 33 13-0879	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	191.04	31.16	
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
	<i>For Work In Restricted Working Space, Add</i>	18.70		
26 05 33 13-0880	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	230.29	34.28	
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
	<i>For Work In Restricted Working Space, Add</i>	20.57		
26 05 33 13-0881	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	327.39	43.01	
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
	<i>For Work In Restricted Working Space, Add</i>	25.80		
26 05 33 13-0882	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	415.45	58.59	
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
	<i>For Work In Restricted Working Space, Add</i>	35.16		
26 05 33 13-0883	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	523.13	66.07	
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	
	<i>For Work In Restricted Working Space, Add</i>	39.65		
26 05 33 13-0884	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	591.35	86.01	
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
	<i>For Work In Restricted Working Space, Add</i>	51.61		

26 05 33 13-0885 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows (26 05 33 13-0823)

26 05 33 13-0886	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	177.06	23.69	
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
	<i>For Work In Restricted Working Space, Add</i>	14.21		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 05 33	13-0887	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	195.91	27.43
			<i>For Elevated Installation >10' To 15', Add</i>	5.49	
			<i>For Elevated Installation >15' To 20', Add</i>	10.97	
			<i>For Elevated Installation >20' To 25', Add</i>	13.71	
			<i>For Elevated Installation >25' To 30', Add</i>	19.20	
			<i>For Elevated Installation >30' To 35', Add</i>	21.94	
			<i>For Elevated Installation >35' To 40', Add</i>	27.43	
			<i>For Elevated Installation >40', Add</i>	30.17	
			<i>For Work In Restricted Working Space, Add</i>	16.46	
26 05 33	13-0888	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	221.31	31.16
			<i>For Elevated Installation >10' To 15', Add</i>	6.23	
			<i>For Elevated Installation >15' To 20', Add</i>	12.47	
			<i>For Elevated Installation >20' To 25', Add</i>	15.59	
			<i>For Elevated Installation >25' To 30', Add</i>	21.82	
			<i>For Elevated Installation >30' To 35', Add</i>	24.94	
			<i>For Elevated Installation >35' To 40', Add</i>	31.17	
			<i>For Elevated Installation >40', Add</i>	34.29	
			<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33	13-0889	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	273.87	34.28
			<i>For Elevated Installation >10' To 15', Add</i>	6.86	
			<i>For Elevated Installation >15' To 20', Add</i>	13.71	
			<i>For Elevated Installation >20' To 25', Add</i>	17.14	
			<i>For Elevated Installation >25' To 30', Add</i>	24.00	
			<i>For Elevated Installation >30' To 35', Add</i>	27.43	
			<i>For Elevated Installation >35' To 40', Add</i>	34.29	
			<i>For Elevated Installation >40', Add</i>	37.71	
			<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33	13-0890	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	395.00	43.01
			<i>For Elevated Installation >10' To 15', Add</i>	8.60	
			<i>For Elevated Installation >15' To 20', Add</i>	17.20	
			<i>For Elevated Installation >20' To 25', Add</i>	21.50	
			<i>For Elevated Installation >25' To 30', Add</i>	30.10	
			<i>For Elevated Installation >30' To 35', Add</i>	34.40	
			<i>For Elevated Installation >35' To 40', Add</i>	43.01	
			<i>For Elevated Installation >40', Add</i>	47.31	
			<i>For Work In Restricted Working Space, Add</i>	25.80	
26 05 33	13-0891	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	490.59	58.59
			<i>For Elevated Installation >10' To 15', Add</i>	11.72	
			<i>For Elevated Installation >15' To 20', Add</i>	23.44	
			<i>For Elevated Installation >20' To 25', Add</i>	29.30	
			<i>For Elevated Installation >25' To 30', Add</i>	41.02	
			<i>For Elevated Installation >30' To 35', Add</i>	46.88	
			<i>For Elevated Installation >35' To 40', Add</i>	58.60	
			<i>For Elevated Installation >40', Add</i>	64.45	
			<i>For Work In Restricted Working Space, Add</i>	35.16	
26 05 33	13-0892	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	569.01	66.07
			<i>For Elevated Installation >10' To 15', Add</i>	13.22	
			<i>For Elevated Installation >15' To 20', Add</i>	26.43	
			<i>For Elevated Installation >20' To 25', Add</i>	33.04	
			<i>For Elevated Installation >25' To 30', Add</i>	46.25	
			<i>For Elevated Installation >30' To 35', Add</i>	52.86	
			<i>For Elevated Installation >35' To 40', Add</i>	66.08	
			<i>For Elevated Installation >40', Add</i>	72.68	
			<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33	13-0893	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	675.58	86.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.20	
			<i>For Elevated Installation >15' To 20', Add</i>	34.41	
			<i>For Elevated Installation >20' To 25', Add</i>	43.01	
			<i>For Elevated Installation >25' To 30', Add</i>	60.21	
			<i>For Elevated Installation >30' To 35', Add</i>	68.82	
			<i>For Elevated Installation >35' To 40', Add</i>	86.02	
			<i>For Elevated Installation >40', Add</i>	94.62	
			<i>For Work In Restricted Working Space, Add</i>	51.61	
26 05 33	13-0894		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows (26 05 33 13-0823)		
26 05 33	13-0895	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	198.27	23.69
			<i>For Elevated Installation >10' To 15', Add</i>	4.74	
			<i>For Elevated Installation >15' To 20', Add</i>	9.48	
			<i>For Elevated Installation >20' To 25', Add</i>	11.85	
			<i>For Elevated Installation >25' To 30', Add</i>	16.58	
			<i>For Elevated Installation >30' To 35', Add</i>	18.95	
			<i>For Elevated Installation >35' To 40', Add</i>	23.69	
			<i>For Elevated Installation >40', Add</i>	26.06	
			<i>For Work In Restricted Working Space, Add</i>	14.21	
26 05 33	13-0896	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	220.73	27.43
			<i>For Elevated Installation >10' To 15', Add</i>	5.49	
			<i>For Elevated Installation >15' To 20', Add</i>	10.97	
			<i>For Elevated Installation >20' To 25', Add</i>	13.71	
			<i>For Elevated Installation >25' To 30', Add</i>	19.20	
			<i>For Elevated Installation >30' To 35', Add</i>	21.94	
			<i>For Elevated Installation >35' To 40', Add</i>	27.43	
			<i>For Elevated Installation >40', Add</i>	30.17	
			<i>For Work In Restricted Working Space, Add</i>	16.46	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0897	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	251.10	31.16
	For Elevated Installation >10' To 15', Add	6.23	
	For Elevated Installation >15' To 20', Add	12.47	
	For Elevated Installation >20' To 25', Add	15.59	
	For Elevated Installation >25' To 30', Add	21.82	
	For Elevated Installation >30' To 35', Add	24.94	
	For Elevated Installation >35' To 40', Add	31.17	
	For Elevated Installation >40', Add	34.29	
	For Work In Restricted Working Space, Add	18.70	
26 05 33 13-0898	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	311.81	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
26 05 33 13-0899	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	431.89	43.01
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.50	
	For Elevated Installation >25' To 30', Add	30.10	
	For Elevated Installation >30' To 35', Add	34.40	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
	For Work In Restricted Working Space, Add	25.80	
26 05 33 13-0900	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	550.70	58.59
	For Elevated Installation >10' To 15', Add	11.72	
	For Elevated Installation >15' To 20', Add	23.44	
	For Elevated Installation >20' To 25', Add	29.30	
	For Elevated Installation >25' To 30', Add	41.02	
	For Elevated Installation >30' To 35', Add	46.88	
	For Elevated Installation >35' To 40', Add	58.60	
	For Elevated Installation >40', Add	64.45	
	For Work In Restricted Working Space, Add	35.16	
26 05 33 13-0901	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	680.56	66.07
	For Elevated Installation >10' To 15', Add	13.22	
	For Elevated Installation >15' To 20', Add	26.43	
	For Elevated Installation >20' To 25', Add	33.04	
	For Elevated Installation >25' To 30', Add	46.25	
	For Elevated Installation >30' To 35', Add	52.86	
	For Elevated Installation >35' To 40', Add	66.08	
	For Elevated Installation >40', Add	72.68	
	For Work In Restricted Working Space, Add	39.65	
26 05 33 13-0902	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	752.90	86.01
	For Elevated Installation >10' To 15', Add	17.20	
	For Elevated Installation >15' To 20', Add	34.41	
	For Elevated Installation >20' To 25', Add	43.01	
	For Elevated Installation >25' To 30', Add	60.21	
	For Elevated Installation >30' To 35', Add	68.82	
	For Elevated Installation >35' To 40', Add	86.02	
	For Elevated Installation >40', Add	94.62	
	For Work In Restricted Working Space, Add	51.61	
26 05 33 13-0903	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	1,254.70	140.24
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
	For Work In Restricted Working Space, Add	84.15	
26 05 33 13-0904	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows <small>(26 05 33 13-0823)</small>		
26 05 33 13-0905	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	226.00	23.69
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
	For Work In Restricted Working Space, Add	14.21	
26 05 33 13-0906	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	250.71	27.43
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
	For Work In Restricted Working Space, Add	16.46	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0907	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	283.76	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-0908	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	353.89	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-0909	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	493.36	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	
26 05 33 13-0910	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	627.28	58.59
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.45	
		<i>For Work In Restricted Working Space, Add</i>	35.16	
26 05 33 13-0911	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	736.46	66.07
		<i>For Elevated Installation >10' To 15', Add</i>	13.22	
		<i>For Elevated Installation >15' To 20', Add</i>	26.43	
		<i>For Elevated Installation >20' To 25', Add</i>	33.04	
		<i>For Elevated Installation >25' To 30', Add</i>	46.25	
		<i>For Elevated Installation >30' To 35', Add</i>	52.86	
		<i>For Elevated Installation >35' To 40', Add</i>	66.08	
		<i>For Elevated Installation >40', Add</i>	72.68	
		<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-0912	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	852.72	86.01
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
		<i>For Work In Restricted Working Space, Add</i>	51.61	
26 05 33 13-0913	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,324.66	140.24
		<i>For Elevated Installation >10' To 15', Add</i>	28.05	
		<i>For Elevated Installation >15' To 20', Add</i>	56.10	
		<i>For Elevated Installation >20' To 25', Add</i>	70.13	
		<i>For Elevated Installation >25' To 30', Add</i>	98.18	
		<i>For Elevated Installation >30' To 35', Add</i>	112.20	
		<i>For Elevated Installation >35' To 40', Add</i>	140.25	
		<i>For Elevated Installation >40', Add</i>	154.28	
		<i>For Work In Restricted Working Space, Add</i>	84.15	
26 05 33 13-0914	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,814.49	210.69
		<i>For Elevated Installation >10' To 15', Add</i>	42.14	
		<i>For Elevated Installation >15' To 20', Add</i>	84.27	
		<i>For Elevated Installation >20' To 25', Add</i>	105.34	
		<i>For Elevated Installation >25' To 30', Add</i>	147.48	
		<i>For Elevated Installation >30' To 35', Add</i>	168.55	
		<i>For Elevated Installation >35' To 40', Add</i>	210.69	
		<i>For Elevated Installation >40', Add</i>	231.75	
		<i>For Work In Restricted Working Space, Add</i>	126.41	

**26 05 33 13-0915 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel
(RGS) 42" Large Radius Elbows** (26 05 33 13-0823)

26 05 33 13-0916	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	264.61	23.69
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
		<i>For Work In Restricted Working Space, Add</i>	14.21	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0917	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	277.44	27.43
	<i>For Elevated Installation >10' To 15', Add</i>	5.49	
	<i>For Elevated Installation >15' To 20', Add</i>	10.97	
	<i>For Elevated Installation >20' To 25', Add</i>	13.71	
	<i>For Elevated Installation >25' To 30', Add</i>	19.20	
	<i>For Elevated Installation >30' To 35', Add</i>	21.94	
	<i>For Elevated Installation >35' To 40', Add</i>	27.43	
	<i>For Elevated Installation >40', Add</i>	30.17	
	<i>For Work In Restricted Working Space, Add</i>	16.46	
26 05 33 13-0918	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	327.46	31.16
	<i>For Elevated Installation >10' To 15', Add</i>	6.23	
	<i>For Elevated Installation >15' To 20', Add</i>	12.47	
	<i>For Elevated Installation >20' To 25', Add</i>	15.59	
	<i>For Elevated Installation >25' To 30', Add</i>	21.82	
	<i>For Elevated Installation >30' To 35', Add</i>	24.94	
	<i>For Elevated Installation >35' To 40', Add</i>	31.17	
	<i>For Elevated Installation >40', Add</i>	34.29	
	<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-0919	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	412.47	34.28
	<i>For Elevated Installation >10' To 15', Add</i>	6.86	
	<i>For Elevated Installation >15' To 20', Add</i>	13.71	
	<i>For Elevated Installation >20' To 25', Add</i>	17.14	
	<i>For Elevated Installation >25' To 30', Add</i>	24.00	
	<i>For Elevated Installation >30' To 35', Add</i>	27.43	
	<i>For Elevated Installation >35' To 40', Add</i>	34.29	
	<i>For Elevated Installation >40', Add</i>	37.71	
	<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-0920	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	576.26	43.01
	<i>For Elevated Installation >10' To 15', Add</i>	8.60	
	<i>For Elevated Installation >15' To 20', Add</i>	17.20	
	<i>For Elevated Installation >20' To 25', Add</i>	21.51	
	<i>For Elevated Installation >25' To 30', Add</i>	30.11	
	<i>For Elevated Installation >30' To 35', Add</i>	34.41	
	<i>For Elevated Installation >35' To 40', Add</i>	43.01	
	<i>For Elevated Installation >40', Add</i>	47.31	
	<i>For Work In Restricted Working Space, Add</i>	25.81	
26 05 33 13-0921	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	730.51	58.59
	<i>For Elevated Installation >10' To 15', Add</i>	11.72	
	<i>For Elevated Installation >15' To 20', Add</i>	23.44	
	<i>For Elevated Installation >20' To 25', Add</i>	29.30	
	<i>For Elevated Installation >25' To 30', Add</i>	41.02	
	<i>For Elevated Installation >30' To 35', Add</i>	46.88	
	<i>For Elevated Installation >35' To 40', Add</i>	58.60	
	<i>For Elevated Installation >40', Add</i>	64.45	
	<i>For Work In Restricted Working Space, Add</i>	35.16	
26 05 33 13-0922	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	891.87	66.07
	<i>For Elevated Installation >10' To 15', Add</i>	13.22	
	<i>For Elevated Installation >15' To 20', Add</i>	26.43	
	<i>For Elevated Installation >20' To 25', Add</i>	33.04	
	<i>For Elevated Installation >25' To 30', Add</i>	46.25	
	<i>For Elevated Installation >30' To 35', Add</i>	52.86	
	<i>For Elevated Installation >35' To 40', Add</i>	66.08	
	<i>For Elevated Installation >40', Add</i>	72.68	
	<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-0923	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,046.90	86.01
	<i>For Elevated Installation >10' To 15', Add</i>	17.20	
	<i>For Elevated Installation >15' To 20', Add</i>	34.41	
	<i>For Elevated Installation >20' To 25', Add</i>	43.01	
	<i>For Elevated Installation >25' To 30', Add</i>	60.21	
	<i>For Elevated Installation >30' To 35', Add</i>	68.82	
	<i>For Elevated Installation >35' To 40', Add</i>	86.02	
	<i>For Elevated Installation >40', Add</i>	94.62	
	<i>For Work In Restricted Working Space, Add</i>	51.61	
26 05 33 13-0924	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,552.84	140.24
	<i>For Elevated Installation >10' To 15', Add</i>	28.05	
	<i>For Elevated Installation >15' To 20', Add</i>	56.10	
	<i>For Elevated Installation >20' To 25', Add</i>	70.13	
	<i>For Elevated Installation >25' To 30', Add</i>	98.18	
	<i>For Elevated Installation >30' To 35', Add</i>	112.20	
	<i>For Elevated Installation >35' To 40', Add</i>	140.25	
	<i>For Elevated Installation >40', Add</i>	154.28	
	<i>For Work In Restricted Working Space, Add</i>	84.15	
26 05 33 13-0925	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,919.24	210.69
	<i>For Elevated Installation >10' To 15', Add</i>	42.14	
	<i>For Elevated Installation >15' To 20', Add</i>	84.27	
	<i>For Elevated Installation >20' To 25', Add</i>	105.34	
	<i>For Elevated Installation >25' To 30', Add</i>	147.48	
	<i>For Elevated Installation >30' To 35', Add</i>	168.55	
	<i>For Elevated Installation >35' To 40', Add</i>	210.69	
	<i>For Elevated Installation >40', Add</i>	231.75	
	<i>For Work In Restricted Working Space, Add</i>	126.41	

26 05 33 13-0926 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel
 (RGS) 48" Large Radius Elbows (26 05 33 13-0823)

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0927	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	273.91	23.69
	<i>For Elevated Installation >10' To 15', Add</i>	4.74	
	<i>For Elevated Installation >15' To 20', Add</i>	9.48	
	<i>For Elevated Installation >20' To 25', Add</i>	11.85	
	<i>For Elevated Installation >25' To 30', Add</i>	16.58	
	<i>For Elevated Installation >30' To 35', Add</i>	18.95	
	<i>For Elevated Installation >35' To 40', Add</i>	23.69	
	<i>For Elevated Installation >40', Add</i>	26.06	
	<i>For Work In Restricted Working Space, Add</i>	14.21	
26 05 33 13-0928	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	322.65	27.43
	<i>For Elevated Installation >10' To 15', Add</i>	5.49	
	<i>For Elevated Installation >15' To 20', Add</i>	10.97	
	<i>For Elevated Installation >20' To 25', Add</i>	13.71	
	<i>For Elevated Installation >25' To 30', Add</i>	19.20	
	<i>For Elevated Installation >30' To 35', Add</i>	21.94	
	<i>For Elevated Installation >35' To 40', Add</i>	27.43	
	<i>For Elevated Installation >40', Add</i>	30.17	
	<i>For Work In Restricted Working Space, Add</i>	16.46	
26 05 33 13-0929	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	365.26	31.16
	<i>For Elevated Installation >10' To 15', Add</i>	6.23	
	<i>For Elevated Installation >15' To 20', Add</i>	12.47	
	<i>For Elevated Installation >20' To 25', Add</i>	15.59	
	<i>For Elevated Installation >25' To 30', Add</i>	21.82	
	<i>For Elevated Installation >30' To 35', Add</i>	24.94	
	<i>For Elevated Installation >35' To 40', Add</i>	31.17	
	<i>For Elevated Installation >40', Add</i>	34.29	
	<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-0930	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	430.09	34.28
	<i>For Elevated Installation >10' To 15', Add</i>	6.86	
	<i>For Elevated Installation >15' To 20', Add</i>	13.71	
	<i>For Elevated Installation >20' To 25', Add</i>	17.14	
	<i>For Elevated Installation >25' To 30', Add</i>	24.00	
	<i>For Elevated Installation >30' To 35', Add</i>	27.43	
	<i>For Elevated Installation >35' To 40', Add</i>	34.29	
	<i>For Elevated Installation >40', Add</i>	37.71	
	<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-0931	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	596.97	43.01
	<i>For Elevated Installation >10' To 15', Add</i>	8.60	
	<i>For Elevated Installation >15' To 20', Add</i>	17.20	
	<i>For Elevated Installation >20' To 25', Add</i>	21.51	
	<i>For Elevated Installation >25' To 30', Add</i>	30.11	
	<i>For Elevated Installation >30' To 35', Add</i>	34.41	
	<i>For Elevated Installation >35' To 40', Add</i>	43.01	
	<i>For Elevated Installation >40', Add</i>	47.31	
	<i>For Work In Restricted Working Space, Add</i>	25.81	
26 05 33 13-0932	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	762.27	58.59
	<i>For Elevated Installation >10' To 15', Add</i>	11.72	
	<i>For Elevated Installation >15' To 20', Add</i>	23.44	
	<i>For Elevated Installation >20' To 25', Add</i>	29.30	
	<i>For Elevated Installation >25' To 30', Add</i>	41.02	
	<i>For Elevated Installation >30' To 35', Add</i>	46.88	
	<i>For Elevated Installation >35' To 40', Add</i>	58.60	
	<i>For Elevated Installation >40', Add</i>	64.45	
	<i>For Work In Restricted Working Space, Add</i>	35.16	
26 05 33 13-0933	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	976.50	66.07
	<i>For Elevated Installation >10' To 15', Add</i>	13.22	
	<i>For Elevated Installation >15' To 20', Add</i>	26.43	
	<i>For Elevated Installation >20' To 25', Add</i>	33.04	
	<i>For Elevated Installation >25' To 30', Add</i>	46.25	
	<i>For Elevated Installation >30' To 35', Add</i>	52.86	
	<i>For Elevated Installation >35' To 40', Add</i>	66.08	
	<i>For Elevated Installation >40', Add</i>	72.68	
	<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-0934	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	1,090.94	86.01
	<i>For Elevated Installation >10' To 15', Add</i>	17.20	
	<i>For Elevated Installation >15' To 20', Add</i>	34.41	
	<i>For Elevated Installation >20' To 25', Add</i>	43.01	
	<i>For Elevated Installation >25' To 30', Add</i>	60.21	
	<i>For Elevated Installation >30' To 35', Add</i>	68.82	
	<i>For Elevated Installation >35' To 40', Add</i>	86.02	
	<i>For Elevated Installation >40', Add</i>	94.62	
	<i>For Work In Restricted Working Space, Add</i>	51.61	
26 05 33 13-0935	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	1,614.14	140.24
	<i>For Elevated Installation >10' To 15', Add</i>	28.05	
	<i>For Elevated Installation >15' To 20', Add</i>	56.10	
	<i>For Elevated Installation >20' To 25', Add</i>	70.13	
	<i>For Elevated Installation >25' To 30', Add</i>	98.18	
	<i>For Elevated Installation >30' To 35', Add</i>	112.20	
	<i>For Elevated Installation >35' To 40', Add</i>	140.25	
	<i>For Elevated Installation >40', Add</i>	154.28	
	<i>For Work In Restricted Working Space, Add</i>	84.15	
26 05 33 13-0936	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	1,972.46	210.69
	<i>For Elevated Installation >10' To 15', Add</i>	42.14	
	<i>For Elevated Installation >15' To 20', Add</i>	84.27	
	<i>For Elevated Installation >20' To 25', Add</i>	105.34	
	<i>For Elevated Installation >25' To 30', Add</i>	147.48	
	<i>For Elevated Installation >30' To 35', Add</i>	168.55	
	<i>For Elevated Installation >35' To 40', Add</i>	210.69	
	<i>For Elevated Installation >40', Add</i>	231.75	
	<i>For Work In Restricted Working Space, Add</i>	126.41	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	26 05 33 13-0937 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings <small>(26 05 33 13-0823)</small>		
26 05 33 13-0938	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	100.78	15.58
	For Elevated Installation >10' To 15', Add	3.12	
	For Elevated Installation >15' To 20', Add	6.23	
	For Elevated Installation >20' To 25', Add	7.79	
	For Elevated Installation >25' To 30', Add	10.91	
	For Elevated Installation >30' To 35', Add	12.46	
	For Elevated Installation >35' To 40', Add	15.58	
	For Elevated Installation >40', Add	17.14	
	For Work In Restricted Working Space, Add	9.35	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-0939	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	123.24	20.57
	For Elevated Installation >10' To 15', Add	4.11	
	For Elevated Installation >15' To 20', Add	8.23	
	For Elevated Installation >20' To 25', Add	10.29	
	For Elevated Installation >25' To 30', Add	14.40	
	For Elevated Installation >30' To 35', Add	16.46	
	For Elevated Installation >35' To 40', Add	20.57	
	For Elevated Installation >40', Add	22.63	
	For Work In Restricted Working Space, Add	12.34	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.34	
26 05 33 13-0940	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	164.63	23.69
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
	For Work In Restricted Working Space, Add	14.21	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.21	
26 05 33 13-0941	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	271.34	27.43
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
	For Work In Restricted Working Space, Add	16.46	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.46	
26 05 33 13-0942	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	299.54	31.16
	For Elevated Installation >10' To 15', Add	6.23	
	For Elevated Installation >15' To 20', Add	12.47	
	For Elevated Installation >20' To 25', Add	15.59	
	For Elevated Installation >25' To 30', Add	21.82	
	For Elevated Installation >30' To 35', Add	24.94	
	For Elevated Installation >35' To 40', Add	31.17	
	For Elevated Installation >40', Add	34.29	
	For Work In Restricted Working Space, Add	18.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.70	
26 05 33 13-0943	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	378.89	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.42	
	For Elevated Installation >35' To 40', Add	34.28	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-0944	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,036.64	43.01
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.50	
	For Elevated Installation >25' To 30', Add	30.10	
	For Elevated Installation >30' To 35', Add	34.40	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
	For Work In Restricted Working Space, Add	25.80	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-0945	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,236.67	58.59
	For Elevated Installation >10' To 15', Add	11.72	
	For Elevated Installation >15' To 20', Add	23.44	
	For Elevated Installation >20' To 25', Add	29.30	
	For Elevated Installation >25' To 30', Add	41.02	
	For Elevated Installation >30' To 35', Add	46.88	
	For Elevated Installation >35' To 40', Add	58.60	
	For Elevated Installation >40', Add	64.46	
	For Work In Restricted Working Space, Add	35.16	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.16	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0946	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,642.45	86.01
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.81	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.61	

26 05 33 13-0947 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fittings ^(26 05 33 13-0823)

26 05 33 13-0948	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	96.55	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-0949	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	118.46	20.57
		<i>For Elevated Installation >10' To 15', Add</i>	4.11	
		<i>For Elevated Installation >15' To 20', Add</i>	8.23	
		<i>For Elevated Installation >20' To 25', Add</i>	10.29	
		<i>For Elevated Installation >25' To 30', Add</i>	14.40	
		<i>For Elevated Installation >30' To 35', Add</i>	16.46	
		<i>For Elevated Installation >35' To 40', Add</i>	20.57	
		<i>For Elevated Installation >40', Add</i>	22.63	
		<i>For Work In Restricted Working Space, Add</i>	12.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.34	
26 05 33 13-0950	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	164.63	23.69
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
		<i>For Work In Restricted Working Space, Add</i>	14.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.21	
26 05 33 13-0951	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	268.88	27.43
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
		<i>For Work In Restricted Working Space, Add</i>	16.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.46	
26 05 33 13-0952	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	289.61	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70	
26 05 33 13-0953	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	379.01	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.42	
		<i>For Elevated Installation >35' To 40', Add</i>	34.28	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 33 13-0954	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	994.29	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.80	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 33 13-0955	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,205.78	58.59
	<i>For Elevated Installation >10' To 15', Add</i>	11.72	
	<i>For Elevated Installation >15' To 20', Add</i>	23.44	
	<i>For Elevated Installation >20' To 25', Add</i>	29.30	
	<i>For Elevated Installation >25' To 30', Add</i>	41.02	
	<i>For Elevated Installation >30' To 35', Add</i>	46.88	
	<i>For Elevated Installation >35' To 40', Add</i>	58.60	
	<i>For Elevated Installation >40', Add</i>	64.46	
	<i>For Work In Restricted Working Space, Add</i>	35.16	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.16	
26 05 33 13-0956	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,642.38	86.01
	<i>For Elevated Installation >10' To 15', Add</i>	17.20	
	<i>For Elevated Installation >15' To 20', Add</i>	34.41	
	<i>For Elevated Installation >20' To 25', Add</i>	43.01	
	<i>For Elevated Installation >25' To 30', Add</i>	60.21	
	<i>For Elevated Installation >30' To 35', Add</i>	68.81	
	<i>For Elevated Installation >35' To 40', Add</i>	86.02	
	<i>For Elevated Installation >40', Add</i>	94.62	
	<i>For Work In Restricted Working Space, Add</i>	51.61	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.61	
26 05 33 13-0957 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel			
(RGS) Straight Sealtight Fittings <small>(26 05 33 13-0823)</small>			
26 05 33 13-0958	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	87.18	15.58
	<i>For Elevated Installation >10' To 15', Add</i>	3.12	
	<i>For Elevated Installation >15' To 20', Add</i>	6.23	
	<i>For Elevated Installation >20' To 25', Add</i>	7.79	
	<i>For Elevated Installation >25' To 30', Add</i>	10.91	
	<i>For Elevated Installation >30' To 35', Add</i>	12.46	
	<i>For Elevated Installation >35' To 40', Add</i>	15.58	
	<i>For Elevated Installation >40', Add</i>	17.14	
	<i>For Work In Restricted Working Space, Add</i>	9.35	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-0959	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	104.23	20.57
	<i>For Elevated Installation >10' To 15', Add</i>	4.11	
	<i>For Elevated Installation >15' To 20', Add</i>	8.23	
	<i>For Elevated Installation >20' To 25', Add</i>	10.29	
	<i>For Elevated Installation >25' To 30', Add</i>	14.40	
	<i>For Elevated Installation >30' To 35', Add</i>	16.46	
	<i>For Elevated Installation >35' To 40', Add</i>	20.57	
	<i>For Elevated Installation >40', Add</i>	22.63	
	<i>For Work In Restricted Working Space, Add</i>	12.34	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.34	
26 05 33 13-0960	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	123.05	23.69
	<i>For Elevated Installation >10' To 15', Add</i>	4.74	
	<i>For Elevated Installation >15' To 20', Add</i>	9.48	
	<i>For Elevated Installation >20' To 25', Add</i>	11.85	
	<i>For Elevated Installation >25' To 30', Add</i>	16.58	
	<i>For Elevated Installation >30' To 35', Add</i>	18.95	
	<i>For Elevated Installation >35' To 40', Add</i>	23.69	
	<i>For Elevated Installation >40', Add</i>	26.06	
	<i>For Work In Restricted Working Space, Add</i>	14.21	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.21	
26 05 33 13-0961	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	175.32	27.43
	<i>For Elevated Installation >10' To 15', Add</i>	5.49	
	<i>For Elevated Installation >15' To 20', Add</i>	10.97	
	<i>For Elevated Installation >20' To 25', Add</i>	13.71	
	<i>For Elevated Installation >25' To 30', Add</i>	19.20	
	<i>For Elevated Installation >30' To 35', Add</i>	21.94	
	<i>For Elevated Installation >35' To 40', Add</i>	27.43	
	<i>For Elevated Installation >40', Add</i>	30.17	
	<i>For Work In Restricted Working Space, Add</i>	16.46	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.46	
26 05 33 13-0962	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	204.88	31.16
	<i>For Elevated Installation >10' To 15', Add</i>	6.23	
	<i>For Elevated Installation >15' To 20', Add</i>	12.47	
	<i>For Elevated Installation >20' To 25', Add</i>	15.59	
	<i>For Elevated Installation >25' To 30', Add</i>	21.82	
	<i>For Elevated Installation >30' To 35', Add</i>	24.94	
	<i>For Elevated Installation >35' To 40', Add</i>	31.17	
	<i>For Elevated Installation >40', Add</i>	34.29	
	<i>For Work In Restricted Working Space, Add</i>	18.70	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70	
26 05 33 13-0963	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	317.78	34.28
	<i>For Elevated Installation >10' To 15', Add</i>	6.86	
	<i>For Elevated Installation >15' To 20', Add</i>	13.71	
	<i>For Elevated Installation >20' To 25', Add</i>	17.14	
	<i>For Elevated Installation >25' To 30', Add</i>	24.00	
	<i>For Elevated Installation >30' To 35', Add</i>	27.42	
	<i>For Elevated Installation >35' To 40', Add</i>	34.28	
	<i>For Elevated Installation >40', Add</i>	37.71	
	<i>For Work In Restricted Working Space, Add</i>	20.57	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0964	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	876.38	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.80	
26 05 33 13-0965	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	985.53	58.59
		<i>For Elevated Installation >10' To 15', Add</i>	11.72	
		<i>For Elevated Installation >15' To 20', Add</i>	23.44	
		<i>For Elevated Installation >20' To 25', Add</i>	29.30	
		<i>For Elevated Installation >25' To 30', Add</i>	41.02	
		<i>For Elevated Installation >30' To 35', Add</i>	46.88	
		<i>For Elevated Installation >35' To 40', Add</i>	58.60	
		<i>For Elevated Installation >40', Add</i>	64.46	
		<i>For Work In Restricted Working Space, Add</i>	35.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.16	
26 05 33 13-0966	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,257.55	86.01
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.81	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
		<i>For Work In Restricted Working Space, Add</i>	51.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.61	

26 05 33 13-0967 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings (26 05 33 13-0923)

26 05 33 13-0968	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	149.87	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-0969	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	226.14	20.57
		<i>For Elevated Installation >10' To 15', Add</i>	4.11	
		<i>For Elevated Installation >15' To 20', Add</i>	8.23	
		<i>For Elevated Installation >20' To 25', Add</i>	10.29	
		<i>For Elevated Installation >25' To 30', Add</i>	14.40	
		<i>For Elevated Installation >30' To 35', Add</i>	16.46	
		<i>For Elevated Installation >35' To 40', Add</i>	20.57	
		<i>For Elevated Installation >40', Add</i>	22.63	
		<i>For Work In Restricted Working Space, Add</i>	12.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.34	
26 05 33 13-0970	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	284.50	23.69
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
		<i>For Work In Restricted Working Space, Add</i>	14.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.21	
26 05 33 13-0971	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	328.39	27.43
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
		<i>For Work In Restricted Working Space, Add</i>	16.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.46	
26 05 33 13-0972	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	372.96	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0973 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	491.41	34.28
For Elevated Installation >10' To 15', Add	6.86	
For Elevated Installation >15' To 20', Add	13.71	
For Elevated Installation >20' To 25', Add	17.14	
For Elevated Installation >25' To 30', Add	24.00	
For Elevated Installation >30' To 35', Add	27.42	
For Elevated Installation >35' To 40', Add	34.28	
For Elevated Installation >40', Add	37.71	
For Work In Restricted Working Space, Add	20.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-0974 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,552.06	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-0975 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,811.50	58.59
For Elevated Installation >10' To 15', Add	11.72	
For Elevated Installation >15' To 20', Add	23.44	
For Elevated Installation >20' To 25', Add	29.30	
For Elevated Installation >25' To 30', Add	41.02	
For Elevated Installation >30' To 35', Add	46.88	
For Elevated Installation >35' To 40', Add	58.60	
For Elevated Installation >40', Add	64.46	
For Work In Restricted Working Space, Add	35.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.16	
26 05 33 13-0976 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	2,226.03	86.01
For Elevated Installation >10' To 15', Add	17.20	
For Elevated Installation >15' To 20', Add	34.41	
For Elevated Installation >20' To 25', Add	43.01	
For Elevated Installation >25' To 30', Add	60.21	
For Elevated Installation >30' To 35', Add	68.81	
For Elevated Installation >35' To 40', Add	86.02	
For Elevated Installation >40', Add	94.62	
For Work In Restricted Working Space, Add	51.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.61	
26 05 33 13-0977 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fittings (26 05 33 13-0823)		
26 05 33 13-0978 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	166.51	15.58
For Elevated Installation >10' To 15', Add	3.12	
For Elevated Installation >15' To 20', Add	6.23	
For Elevated Installation >20' To 25', Add	7.79	
For Elevated Installation >25' To 30', Add	10.91	
For Elevated Installation >30' To 35', Add	12.46	
For Elevated Installation >35' To 40', Add	15.58	
For Elevated Installation >40', Add	17.14	
For Work In Restricted Working Space, Add	9.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-0979 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	241.85	20.57
For Elevated Installation >10' To 15', Add	4.11	
For Elevated Installation >15' To 20', Add	8.23	
For Elevated Installation >20' To 25', Add	10.29	
For Elevated Installation >25' To 30', Add	14.40	
For Elevated Installation >30' To 35', Add	16.46	
For Elevated Installation >35' To 40', Add	20.57	
For Elevated Installation >40', Add	22.63	
For Work In Restricted Working Space, Add	12.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.34	
26 05 33 13-0980 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	287.49	23.69
For Elevated Installation >10' To 15', Add	4.74	
For Elevated Installation >15' To 20', Add	9.48	
For Elevated Installation >20' To 25', Add	11.85	
For Elevated Installation >25' To 30', Add	16.58	
For Elevated Installation >30' To 35', Add	18.95	
For Elevated Installation >35' To 40', Add	23.69	
For Elevated Installation >40', Add	26.06	
For Work In Restricted Working Space, Add	14.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.21	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0981	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	333.31	27.43
		For Elevated Installation >10' To 15', Add	5.49	
		For Elevated Installation >15' To 20', Add	10.97	
		For Elevated Installation >20' To 25', Add	13.71	
		For Elevated Installation >25' To 30', Add	19.20	
		For Elevated Installation >30' To 35', Add	21.94	
		For Elevated Installation >35' To 40', Add	27.43	
		For Elevated Installation >40', Add	30.17	
		For Work In Restricted Working Space, Add	16.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.46	
26 05 33 13-0982	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	386.47	31.16
		For Elevated Installation >10' To 15', Add	6.23	
		For Elevated Installation >15' To 20', Add	12.47	
		For Elevated Installation >20' To 25', Add	15.59	
		For Elevated Installation >25' To 30', Add	21.82	
		For Elevated Installation >30' To 35', Add	24.94	
		For Elevated Installation >35' To 40', Add	31.17	
		For Elevated Installation >40', Add	34.29	
		For Work In Restricted Working Space, Add	18.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.70	
26 05 33 13-0983	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	610.14	34.28
		For Elevated Installation >10' To 15', Add	6.86	
		For Elevated Installation >15' To 20', Add	13.71	
		For Elevated Installation >20' To 25', Add	17.14	
		For Elevated Installation >25' To 30', Add	24.00	
		For Elevated Installation >30' To 35', Add	27.42	
		For Elevated Installation >35' To 40', Add	34.28	
		For Elevated Installation >40', Add	37.71	
		For Work In Restricted Working Space, Add	20.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-0984	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	1,731.20	43.01
		For Elevated Installation >10' To 15', Add	8.60	
		For Elevated Installation >15' To 20', Add	17.20	
		For Elevated Installation >20' To 25', Add	21.50	
		For Elevated Installation >25' To 30', Add	30.10	
		For Elevated Installation >30' To 35', Add	34.40	
		For Elevated Installation >35' To 40', Add	43.01	
		For Elevated Installation >40', Add	47.31	
		For Work In Restricted Working Space, Add	25.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-0985	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,436.95	58.59
		For Elevated Installation >10' To 15', Add	11.72	
		For Elevated Installation >15' To 20', Add	23.44	
		For Elevated Installation >20' To 25', Add	29.30	
		For Elevated Installation >25' To 30', Add	41.02	
		For Elevated Installation >30' To 35', Add	46.88	
		For Elevated Installation >35' To 40', Add	58.60	
		For Elevated Installation >40', Add	64.46	
		For Work In Restricted Working Space, Add	35.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.16	
26 05 33 13-0986	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,542.65	86.01
		For Elevated Installation >10' To 15', Add	17.20	
		For Elevated Installation >15' To 20', Add	34.41	
		For Elevated Installation >20' To 25', Add	43.01	
		For Elevated Installation >25' To 30', Add	60.21	
		For Elevated Installation >30' To 35', Add	68.81	
		For Elevated Installation >35' To 40', Add	86.02	
		For Elevated Installation >40', Add	94.62	
		For Work In Restricted Working Space, Add	51.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.61	

26 05 33 13-0987 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings

26 05 33 13-0988	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	131.53	15.58
		For Elevated Installation >10' To 15', Add	3.12	
		For Elevated Installation >15' To 20', Add	6.23	
		For Elevated Installation >20' To 25', Add	7.79	
		For Elevated Installation >25' To 30', Add	10.91	
		For Elevated Installation >30' To 35', Add	12.46	
		For Elevated Installation >35' To 40', Add	15.58	
		For Elevated Installation >40', Add	17.14	
		For Work In Restricted Working Space, Add	9.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0989	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	165.89	20.57
			<i>For Elevated Installation >10' To 15', Add</i>	4.11	
			<i>For Elevated Installation >15' To 20', Add</i>	8.23	
			<i>For Elevated Installation >20' To 25', Add</i>	10.29	
			<i>For Elevated Installation >25' To 30', Add</i>	14.40	
			<i>For Elevated Installation >30' To 35', Add</i>	16.46	
			<i>For Elevated Installation >35' To 40', Add</i>	20.57	
			<i>For Elevated Installation >40', Add</i>	22.63	
			<i>For Work In Restricted Working Space, Add</i>	12.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.34	
26 05 33	13-0990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	198.84	23.69
			<i>For Elevated Installation >10' To 15', Add</i>	4.74	
			<i>For Elevated Installation >15' To 20', Add</i>	9.48	
			<i>For Elevated Installation >20' To 25', Add</i>	11.85	
			<i>For Elevated Installation >25' To 30', Add</i>	16.58	
			<i>For Elevated Installation >30' To 35', Add</i>	18.95	
			<i>For Elevated Installation >35' To 40', Add</i>	23.69	
			<i>For Elevated Installation >40', Add</i>	26.06	
			<i>For Work In Restricted Working Space, Add</i>	14.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.21	
26 05 33	13-0991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	220.23	27.43
			<i>For Elevated Installation >10' To 15', Add</i>	5.49	
			<i>For Elevated Installation >15' To 20', Add</i>	10.97	
			<i>For Elevated Installation >20' To 25', Add</i>	13.71	
			<i>For Elevated Installation >25' To 30', Add</i>	19.20	
			<i>For Elevated Installation >30' To 35', Add</i>	21.94	
			<i>For Elevated Installation >35' To 40', Add</i>	27.43	
			<i>For Elevated Installation >40', Add</i>	30.17	
			<i>For Work In Restricted Working Space, Add</i>	16.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.46	
26 05 33	13-0992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	297.05	31.16
			<i>For Elevated Installation >10' To 15', Add</i>	6.23	
			<i>For Elevated Installation >15' To 20', Add</i>	12.47	
			<i>For Elevated Installation >20' To 25', Add</i>	15.59	
			<i>For Elevated Installation >25' To 30', Add</i>	21.82	
			<i>For Elevated Installation >30' To 35', Add</i>	24.94	
			<i>For Elevated Installation >35' To 40', Add</i>	31.17	
			<i>For Elevated Installation >40', Add</i>	34.29	
			<i>For Work In Restricted Working Space, Add</i>	18.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70	
26 05 33	13-0993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	420.64	34.28
			<i>For Elevated Installation >10' To 15', Add</i>	6.86	
			<i>For Elevated Installation >15' To 20', Add</i>	13.71	
			<i>For Elevated Installation >20' To 25', Add</i>	17.14	
			<i>For Elevated Installation >25' To 30', Add</i>	24.00	
			<i>For Elevated Installation >30' To 35', Add</i>	27.42	
			<i>For Elevated Installation >35' To 40', Add</i>	34.28	
			<i>For Elevated Installation >40', Add</i>	37.71	
			<i>For Work In Restricted Working Space, Add</i>	20.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57	
26 05 33	13-0994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,403.68	43.01
			<i>For Elevated Installation >10' To 15', Add</i>	8.60	
			<i>For Elevated Installation >15' To 20', Add</i>	17.20	
			<i>For Elevated Installation >20' To 25', Add</i>	21.50	
			<i>For Elevated Installation >25' To 30', Add</i>	30.10	
			<i>For Elevated Installation >30' To 35', Add</i>	34.40	
			<i>For Elevated Installation >35' To 40', Add</i>	43.01	
			<i>For Elevated Installation >40', Add</i>	47.31	
			<i>For Work In Restricted Working Space, Add</i>	25.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.80	
26 05 33	13-0995	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,579.49	58.59
			<i>For Elevated Installation >10' To 15', Add</i>	11.72	
			<i>For Elevated Installation >15' To 20', Add</i>	23.44	
			<i>For Elevated Installation >20' To 25', Add</i>	29.30	
			<i>For Elevated Installation >25' To 30', Add</i>	41.02	
			<i>For Elevated Installation >30' To 35', Add</i>	46.88	
			<i>For Elevated Installation >35' To 40', Add</i>	58.60	
			<i>For Elevated Installation >40', Add</i>	64.46	
			<i>For Work In Restricted Working Space, Add</i>	35.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.16	
26 05 33	13-0996	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,875.73	86.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.20	
			<i>For Elevated Installation >15' To 20', Add</i>	34.41	
			<i>For Elevated Installation >20' To 25', Add</i>	43.01	
			<i>For Elevated Installation >25' To 30', Add</i>	60.21	
			<i>For Elevated Installation >30' To 35', Add</i>	68.81	
			<i>For Elevated Installation >35' To 40', Add</i>	86.02	
			<i>For Elevated Installation >40', Add</i>	94.62	
			<i>For Work In Restricted Working Space, Add</i>	51.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.61	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33 13-0997		Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0823)</small> Note: Suitable for use in hazardous locations. Class I, Div 2.			
26 05 33 13-0998	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	117.82		29.92
		<i>For Elevated Installation >10' To 15', Add</i>	5.98		
		<i>For Elevated Installation >15' To 20', Add</i>	11.97		
		<i>For Elevated Installation >20' To 25', Add</i>	14.96		
		<i>For Elevated Installation >25' To 30', Add</i>	20.94		
		<i>For Elevated Installation >30' To 35', Add</i>	23.94		
		<i>For Elevated Installation >35' To 40', Add</i>	29.92		
		<i>For Elevated Installation >40', Add</i>	32.91		
		<i>For Work In Restricted Working Space, Add</i>	17.95		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.95		
26 05 33 13-0999	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	132.85		34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86		
		<i>For Elevated Installation >15' To 20', Add</i>	13.71		
		<i>For Elevated Installation >20' To 25', Add</i>	17.14		
		<i>For Elevated Installation >25' To 30', Add</i>	24.00		
		<i>For Elevated Installation >30' To 35', Add</i>	27.42		
		<i>For Elevated Installation >35' To 40', Add</i>	34.28		
		<i>For Elevated Installation >40', Add</i>	37.71		
		<i>For Work In Restricted Working Space, Add</i>	20.57		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.57		
26 05 33 13-1000	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	164.56		39.27
		<i>For Elevated Installation >10' To 15', Add</i>	7.85		
		<i>For Elevated Installation >15' To 20', Add</i>	15.71		
		<i>For Elevated Installation >20' To 25', Add</i>	19.64		
		<i>For Elevated Installation >25' To 30', Add</i>	27.49		
		<i>For Elevated Installation >30' To 35', Add</i>	31.42		
		<i>For Elevated Installation >35' To 40', Add</i>	39.27		
		<i>For Elevated Installation >40', Add</i>	43.20		
		<i>For Work In Restricted Working Space, Add</i>	23.56		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.56		
26 05 33 13-1001	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	215.87		45.50
		<i>For Elevated Installation >10' To 15', Add</i>	9.10		
		<i>For Elevated Installation >15' To 20', Add</i>	18.20		
		<i>For Elevated Installation >20' To 25', Add</i>	22.75		
		<i>For Elevated Installation >25' To 30', Add</i>	31.85		
		<i>For Elevated Installation >30' To 35', Add</i>	36.40		
		<i>For Elevated Installation >35' To 40', Add</i>	45.50		
		<i>For Elevated Installation >40', Add</i>	50.05		
		<i>For Work In Restricted Working Space, Add</i>	27.30		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.30		
26 05 33 13-1002	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	252.22		49.86
		<i>For Elevated Installation >10' To 15', Add</i>	9.97		
		<i>For Elevated Installation >15' To 20', Add</i>	19.95		
		<i>For Elevated Installation >20' To 25', Add</i>	24.93		
		<i>For Elevated Installation >25' To 30', Add</i>	34.91		
		<i>For Elevated Installation >30' To 35', Add</i>	39.89		
		<i>For Elevated Installation >35' To 40', Add</i>	49.87		
		<i>For Elevated Installation >40', Add</i>	54.85		
		<i>For Work In Restricted Working Space, Add</i>	29.92		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.92		
26 05 33 13-1003	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	344.49		59.84
		<i>For Elevated Installation >10' To 15', Add</i>	11.97		
		<i>For Elevated Installation >15' To 20', Add</i>	23.94		
		<i>For Elevated Installation >20' To 25', Add</i>	29.92		
		<i>For Elevated Installation >25' To 30', Add</i>	41.89		
		<i>For Elevated Installation >30' To 35', Add</i>	47.87		
		<i>For Elevated Installation >35' To 40', Add</i>	59.84		
		<i>For Elevated Installation >40', Add</i>	65.82		
		<i>For Work In Restricted Working Space, Add</i>	35.90		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.90		
26 05 33 13-1004	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	580.87		84.15
		<i>For Elevated Installation >10' To 15', Add</i>	16.83		
		<i>For Elevated Installation >15' To 20', Add</i>	33.66		
		<i>For Elevated Installation >20' To 25', Add</i>	42.08		
		<i>For Elevated Installation >25' To 30', Add</i>	58.91		
		<i>For Elevated Installation >30' To 35', Add</i>	67.32		
		<i>For Elevated Installation >35' To 40', Add</i>	84.15		
		<i>For Elevated Installation >40', Add</i>	92.57		
		<i>For Work In Restricted Working Space, Add</i>	50.49		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.49		
26 05 33 13-1005	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	743.39		112.20
		<i>For Elevated Installation >10' To 15', Add</i>	22.44		
		<i>For Elevated Installation >15' To 20', Add</i>	44.88		
		<i>For Elevated Installation >20' To 25', Add</i>	56.10		
		<i>For Elevated Installation >25' To 30', Add</i>	78.54		
		<i>For Elevated Installation >30' To 35', Add</i>	89.76		
		<i>For Elevated Installation >35' To 40', Add</i>	112.21		
		<i>For Elevated Installation >40', Add</i>	123.43		
		<i>For Work In Restricted Working Space, Add</i>	67.32		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.32		

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1006	EA 3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,034.53 28.05 56.10 70.13 98.18 112.20 140.25 154.28 84.15 84.15	140.24
26 05 33 13-1007	EA 4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,186.79 34.16 68.32 85.40 119.55 136.63 170.79 187.87 102.47 102.47	170.79
26 05 33 13-1008	Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0823)</small> Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1009	EA 1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.92 7.85 15.71 19.64 27.49 31.42 39.27 43.20 23.56 23.56	39.27
26 05 33 13-1010	EA 3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	175.54 8.73 17.45 21.82 30.54 34.91 43.64 48.00 26.18 26.18	43.63
26 05 33 13-1011	EA 1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	214.88 9.60 19.20 24.00 33.59 38.39 47.99 52.79 28.79 28.79	48.00
26 05 33 13-1012	EA 1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	289.85 10.97 21.94 27.43 38.40 43.88 54.85 60.34 32.91 32.91	54.85
26 05 33 13-1013	EA 1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	342.99 11.97 23.94 29.92 41.89 47.87 59.84 65.82 35.90 35.90	59.84
26 05 33 13-1014	EA 2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	467.87 14.71 29.42 36.78 51.49 58.84 73.56 80.91 44.13 44.13	73.55

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1015	Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-082.3)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.			
26 05 33 13-1016	EA 1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	135.49	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-1017	EA 3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	154.53	39.89
	For Elevated Installation >10' To 15', Add	7.98	
	For Elevated Installation >15' To 20', Add	15.96	
	For Elevated Installation >20' To 25', Add	19.95	
	For Elevated Installation >25' To 30', Add	27.93	
	For Elevated Installation >30' To 35', Add	31.92	
	For Elevated Installation >35' To 40', Add	39.90	
	For Elevated Installation >40', Add	43.88	
	For Work In Restricted Working Space, Add	23.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.94	
26 05 33 13-1018	EA 1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	187.40	43.63
	For Elevated Installation >10' To 15', Add	8.73	
	For Elevated Installation >15' To 20', Add	17.45	
	For Elevated Installation >20' To 25', Add	21.82	
	For Elevated Installation >25' To 30', Add	30.54	
	For Elevated Installation >30' To 35', Add	34.91	
	For Elevated Installation >35' To 40', Add	43.64	
	For Elevated Installation >40', Add	48.00	
	For Work In Restricted Working Space, Add	26.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.18	
26 05 33 13-1019	EA 1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	240.69	49.86
	For Elevated Installation >10' To 15', Add	9.97	
	For Elevated Installation >15' To 20', Add	19.95	
	For Elevated Installation >20' To 25', Add	24.93	
	For Elevated Installation >25' To 30', Add	34.91	
	For Elevated Installation >30' To 35', Add	39.89	
	For Elevated Installation >35' To 40', Add	49.87	
	For Elevated Installation >40', Add	54.85	
	For Work In Restricted Working Space, Add	29.92	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.92	
26 05 33 13-1020	EA 1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	285.75	54.85
	For Elevated Installation >10' To 15', Add	10.97	
	For Elevated Installation >15' To 20', Add	21.94	
	For Elevated Installation >20' To 25', Add	27.43	
	For Elevated Installation >25' To 30', Add	38.40	
	For Elevated Installation >30' To 35', Add	43.88	
	For Elevated Installation >35' To 40', Add	54.86	
	For Elevated Installation >40', Add	60.34	
	For Work In Restricted Working Space, Add	32.91	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.91	
26 05 33 13-1021	EA 2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	384.03	64.20
	For Elevated Installation >10' To 15', Add	12.84	
	For Elevated Installation >15' To 20', Add	25.68	
	For Elevated Installation >20' To 25', Add	32.10	
	For Elevated Installation >25' To 30', Add	44.94	
	For Elevated Installation >30' To 35', Add	51.36	
	For Elevated Installation >35' To 40', Add	64.20	
	For Elevated Installation >40', Add	70.62	
	For Work In Restricted Working Space, Add	38.52	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.52	
26 05 33 13-1022	EA 2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	618.81	93.50
	For Elevated Installation >10' To 15', Add	18.70	
	For Elevated Installation >15' To 20', Add	37.40	
	For Elevated Installation >20' To 25', Add	46.75	
	For Elevated Installation >25' To 30', Add	65.45	
	For Elevated Installation >30' To 35', Add	74.80	
	For Elevated Installation >35' To 40', Add	93.50	
	For Elevated Installation >40', Add	102.85	
	For Work In Restricted Working Space, Add	56.10	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.10	
26 05 33 13-1023	EA 3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	819.31	121.55
	For Elevated Installation >10' To 15', Add	24.31	
	For Elevated Installation >15' To 20', Add	48.62	
	For Elevated Installation >20' To 25', Add	60.77	
	For Elevated Installation >25' To 30', Add	85.08	
	For Elevated Installation >30' To 35', Add	97.24	
	For Elevated Installation >35' To 40', Add	121.55	
	For Elevated Installation >40', Add	133.70	
	For Work In Restricted Working Space, Add	72.93	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	72.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1024	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,127.80	149.59
		<i>For Elevated Installation >10' To 15', Add</i>	29.92	
		<i>For Elevated Installation >15' To 20', Add</i>	59.84	
		<i>For Elevated Installation >20' To 25', Add</i>	74.80	
		<i>For Elevated Installation >25' To 30', Add</i>	104.72	
		<i>For Elevated Installation >30' To 35', Add</i>	119.68	
		<i>For Elevated Installation >35' To 40', Add</i>	149.60	
		<i>For Elevated Installation >40', Add</i>	164.55	
		<i>For Work In Restricted Working Space, Add</i>	89.76	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.76	
26 05 33 13-1025	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,258.80	180.14
		<i>For Elevated Installation >10' To 15', Add</i>	36.03	
		<i>For Elevated Installation >15' To 20', Add</i>	72.06	
		<i>For Elevated Installation >20' To 25', Add</i>	90.07	
		<i>For Elevated Installation >25' To 30', Add</i>	126.10	
		<i>For Elevated Installation >30' To 35', Add</i>	144.12	
		<i>For Elevated Installation >35' To 40', Add</i>	180.15	
		<i>For Elevated Installation >40', Add</i>	198.16	
		<i>For Work In Restricted Working Space, Add</i>	108.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.09	

26 05 33 13-1026 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined (26 05 33 13-0823)

26 05 33 13-1027	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	28.04	3.74
		<i>For Elevated Installation >10' To 15', Add</i>	0.75	
		<i>For Elevated Installation >15' To 20', Add</i>	1.50	
		<i>For Elevated Installation >20' To 25', Add</i>	1.87	
		<i>For Elevated Installation >25' To 30', Add</i>	2.62	
		<i>For Elevated Installation >30' To 35', Add</i>	2.99	
		<i>For Elevated Installation >35' To 40', Add</i>	3.74	
		<i>For Elevated Installation >40', Add</i>	4.11	
		<i>For Work In Restricted Working Space, Add</i>	2.24	
26 05 33 13-1028	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	31.44	4.36
		<i>For Elevated Installation >10' To 15', Add</i>	0.87	
		<i>For Elevated Installation >15' To 20', Add</i>	1.75	
		<i>For Elevated Installation >20' To 25', Add</i>	2.18	
		<i>For Elevated Installation >25' To 30', Add</i>	3.06	
		<i>For Elevated Installation >30' To 35', Add</i>	3.49	
		<i>For Elevated Installation >35' To 40', Add</i>	4.37	
		<i>For Elevated Installation >40', Add</i>	4.80	
		<i>For Work In Restricted Working Space, Add</i>	2.62	
26 05 33 13-1029	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	41.01	5.61
		<i>For Elevated Installation >10' To 15', Add</i>	1.12	
		<i>For Elevated Installation >15' To 20', Add</i>	2.24	
		<i>For Elevated Installation >20' To 25', Add</i>	2.81	
		<i>For Elevated Installation >25' To 30', Add</i>	3.93	
		<i>For Elevated Installation >30' To 35', Add</i>	4.49	
		<i>For Elevated Installation >35' To 40', Add</i>	5.61	
		<i>For Elevated Installation >40', Add</i>	6.17	
		<i>For Work In Restricted Working Space, Add</i>	3.37	
26 05 33 13-1030	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	52.79	6.85
		<i>For Elevated Installation >10' To 15', Add</i>	1.37	
		<i>For Elevated Installation >15' To 20', Add</i>	2.74	
		<i>For Elevated Installation >20' To 25', Add</i>	3.43	
		<i>For Elevated Installation >25' To 30', Add</i>	4.80	
		<i>For Elevated Installation >30' To 35', Add</i>	5.49	
		<i>For Elevated Installation >35' To 40', Add</i>	6.86	
		<i>For Elevated Installation >40', Add</i>	7.55	
		<i>For Work In Restricted Working Space, Add</i>	4.12	
26 05 33 13-1031	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	59.04	8.11
		<i>For Elevated Installation >10' To 15', Add</i>	1.62	
		<i>For Elevated Installation >15' To 20', Add</i>	3.24	
		<i>For Elevated Installation >20' To 25', Add</i>	4.05	
		<i>For Elevated Installation >25' To 30', Add</i>	5.67	
		<i>For Elevated Installation >30' To 35', Add</i>	6.48	
		<i>For Elevated Installation >35' To 40', Add</i>	8.10	
		<i>For Elevated Installation >40', Add</i>	8.91	
		<i>For Work In Restricted Working Space, Add</i>	4.86	
26 05 33 13-1032	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	73.16	9.35
		<i>For Elevated Installation >10' To 15', Add</i>	1.87	
		<i>For Elevated Installation >15' To 20', Add</i>	3.74	
		<i>For Elevated Installation >20' To 25', Add</i>	4.68	
		<i>For Elevated Installation >25' To 30', Add</i>	6.55	
		<i>For Elevated Installation >30' To 35', Add</i>	7.48	
		<i>For Elevated Installation >35' To 40', Add</i>	9.35	
		<i>For Elevated Installation >40', Add</i>	10.29	
		<i>For Work In Restricted Working Space, Add</i>	5.61	
26 05 33 13-1033	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	94.83	10.60
		<i>For Elevated Installation >10' To 15', Add</i>	2.12	
		<i>For Elevated Installation >15' To 20', Add</i>	4.24	
		<i>For Elevated Installation >20' To 25', Add</i>	5.30	
		<i>For Elevated Installation >25' To 30', Add</i>	7.42	
		<i>For Elevated Installation >30' To 35', Add</i>	8.48	
		<i>For Elevated Installation >35' To 40', Add</i>	10.60	
		<i>For Elevated Installation >40', Add</i>	11.65	
		<i>For Work In Restricted Working Space, Add</i>	6.36	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1034	EA 3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	103.56	14.96
	For Elevated Installation >10' To 15', Add	2.99	
	For Elevated Installation >15' To 20', Add	5.98	
	For Elevated Installation >20' To 25', Add	7.48	
	For Elevated Installation >25' To 30', Add	10.47	
	For Elevated Installation >30' To 35', Add	11.97	
	For Elevated Installation >35' To 40', Add	14.96	
	For Elevated Installation >40', Add	16.46	
	For Work In Restricted Working Space, Add	8.98	
26 05 33 13-1035	EA 3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	125.99	16.83
	For Elevated Installation >10' To 15', Add	3.37	
	For Elevated Installation >15' To 20', Add	6.73	
	For Elevated Installation >20' To 25', Add	8.42	
	For Elevated Installation >25' To 30', Add	11.78	
	For Elevated Installation >30' To 35', Add	13.46	
	For Elevated Installation >35' To 40', Add	16.83	
	For Elevated Installation >40', Add	18.51	
	For Work In Restricted Working Space, Add	10.10	
26 05 33 13-1036	EA 4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	134.72	21.19
	For Elevated Installation >10' To 15', Add	4.24	
	For Elevated Installation >15' To 20', Add	8.48	
	For Elevated Installation >20' To 25', Add	10.60	
	For Elevated Installation >25' To 30', Add	14.84	
	For Elevated Installation >30' To 35', Add	16.96	
	For Elevated Installation >35' To 40', Add	21.20	
	For Elevated Installation >40', Add	23.31	
	For Work In Restricted Working Space, Add	12.72	
26 05 33 13-1037 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies <small>(26 05 33 13-0823)</small>			
26 05 33 13-1038	EA 1 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	133.41	29.92
	For Elevated Installation >10' To 15', Add	5.98	
	For Elevated Installation >15' To 20', Add	11.97	
	For Elevated Installation >20' To 25', Add	14.96	
	For Elevated Installation >25' To 30', Add	20.94	
	For Elevated Installation >30' To 35', Add	23.94	
	For Elevated Installation >35' To 40', Add	29.92	
	For Elevated Installation >40', Add	32.91	
	For Work In Restricted Working Space, Add	17.95	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.95	
26 05 33 13-1039	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	147.68	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-1040	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	172.52	39.27
	For Elevated Installation >10' To 15', Add	7.85	
	For Elevated Installation >15' To 20', Add	15.71	
	For Elevated Installation >20' To 25', Add	19.64	
	For Elevated Installation >25' To 30', Add	27.49	
	For Elevated Installation >30' To 35', Add	31.42	
	For Elevated Installation >35' To 40', Add	39.27	
	For Elevated Installation >40', Add	43.20	
	For Work In Restricted Working Space, Add	23.56	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.56	
26 05 33 13-1041	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	204.83	45.50
	For Elevated Installation >10' To 15', Add	9.10	
	For Elevated Installation >15' To 20', Add	18.20	
	For Elevated Installation >20' To 25', Add	22.75	
	For Elevated Installation >25' To 30', Add	31.85	
	For Elevated Installation >30' To 35', Add	36.40	
	For Elevated Installation >35' To 40', Add	45.50	
	For Elevated Installation >40', Add	50.05	
	For Work In Restricted Working Space, Add	27.30	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.30	
26 05 33 13-1042	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	255.33	49.86
	For Elevated Installation >10' To 15', Add	9.97	
	For Elevated Installation >15' To 20', Add	19.95	
	For Elevated Installation >20' To 25', Add	24.93	
	For Elevated Installation >25' To 30', Add	34.91	
	For Elevated Installation >30' To 35', Add	39.89	
	For Elevated Installation >35' To 40', Add	49.87	
	For Elevated Installation >40', Add	54.85	
	For Work In Restricted Working Space, Add	29.92	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.92	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-1043	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	309.47			59.84
	For Elevated Installation >10' To 15', Add	11.97			
	For Elevated Installation >15' To 20', Add	23.94			
	For Elevated Installation >20' To 25', Add	29.92			
	For Elevated Installation >25' To 30', Add	41.89			
	For Elevated Installation >30' To 35', Add	47.87			
	For Elevated Installation >35' To 40', Add	59.84			
	For Elevated Installation >40', Add	65.82			
	For Work In Restricted Working Space, Add	35.90			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.90			
26 05 33 13-1044	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	448.29			84.15
	For Elevated Installation >10' To 15', Add	16.83			
	For Elevated Installation >15' To 20', Add	33.66			
	For Elevated Installation >20' To 25', Add	42.08			
	For Elevated Installation >25' To 30', Add	58.91			
	For Elevated Installation >30' To 35', Add	67.32			
	For Elevated Installation >35' To 40', Add	84.15			
	For Elevated Installation >40', Add	92.57			
	For Work In Restricted Working Space, Add	50.49			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.49			
26 05 33 13-1045	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	574.59			112.20
	For Elevated Installation >10' To 15', Add	22.44			
	For Elevated Installation >15' To 20', Add	44.88			
	For Elevated Installation >20' To 25', Add	56.10			
	For Elevated Installation >25' To 30', Add	78.54			
	For Elevated Installation >30' To 35', Add	89.76			
	For Elevated Installation >35' To 40', Add	112.20			
	For Elevated Installation >40', Add	123.42			
	For Work In Restricted Working Space, Add	67.32			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	67.32			
26 05 33 13-1046	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,154.07			140.24
	For Elevated Installation >10' To 15', Add	28.05			
	For Elevated Installation >15' To 20', Add	56.10			
	For Elevated Installation >20' To 25', Add	70.13			
	For Elevated Installation >25' To 30', Add	98.18			
	For Elevated Installation >30' To 35', Add	112.20			
	For Elevated Installation >35' To 40', Add	140.25			
	For Elevated Installation >40', Add	154.28			
	For Work In Restricted Working Space, Add	84.15			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	84.15			
26 05 33 13-1047	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,691.93			170.79
	For Elevated Installation >10' To 15', Add	34.16			
	For Elevated Installation >15' To 20', Add	68.32			
	For Elevated Installation >20' To 25', Add	85.40			
	For Elevated Installation >25' To 30', Add	119.55			
	For Elevated Installation >30' To 35', Add	136.63			
	For Elevated Installation >35' To 40', Add	170.79			
	For Elevated Installation >40', Add	187.87			
	For Work In Restricted Working Space, Add	102.47			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	102.47			
26 05 33 13-1048	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies <small>(26 05 33 13-0823)</small>				
26 05 33 13-1049	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	229.16			29.92
	For Elevated Installation >10' To 15', Add	5.98			
	For Elevated Installation >15' To 20', Add	11.97			
	For Elevated Installation >20' To 25', Add	14.96			
	For Elevated Installation >25' To 30', Add	20.94			
	For Elevated Installation >30' To 35', Add	23.94			
	For Elevated Installation >35' To 40', Add	29.92			
	For Elevated Installation >40', Add	32.91			
	For Work In Restricted Working Space, Add	17.95			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.95			
26 05 33 13-1050	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	246.69			34.28
	For Elevated Installation >10' To 15', Add	6.86			
	For Elevated Installation >15' To 20', Add	13.71			
	For Elevated Installation >20' To 25', Add	17.14			
	For Elevated Installation >25' To 30', Add	24.00			
	For Elevated Installation >30' To 35', Add	27.43			
	For Elevated Installation >35' To 40', Add	34.29			
	For Elevated Installation >40', Add	37.71			
	For Work In Restricted Working Space, Add	20.57			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57			
26 05 33 13-1051	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	281.69			39.27
	For Elevated Installation >10' To 15', Add	7.85			
	For Elevated Installation >15' To 20', Add	15.71			
	For Elevated Installation >20' To 25', Add	19.64			
	For Elevated Installation >25' To 30', Add	27.49			
	For Elevated Installation >30' To 35', Add	31.42			
	For Elevated Installation >35' To 40', Add	39.27			
	For Elevated Installation >40', Add	43.20			
	For Work In Restricted Working Space, Add	23.56			
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.56			

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 33 13-1052	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	315.24	45.50
		For Elevated Installation >10' To 15', Add	9.10	
		For Elevated Installation >15' To 20', Add	18.20	
		For Elevated Installation >20' To 25', Add	22.75	
		For Elevated Installation >25' To 30', Add	31.85	
		For Elevated Installation >30' To 35', Add	36.40	
		For Elevated Installation >35' To 40', Add	45.50	
		For Elevated Installation >40', Add	50.05	
		For Work In Restricted Working Space, Add	27.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.30	
26 05 33 13-1053	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	382.42	49.86
		For Elevated Installation >10' To 15', Add	9.97	
		For Elevated Installation >15' To 20', Add	19.95	
		For Elevated Installation >20' To 25', Add	24.93	
		For Elevated Installation >25' To 30', Add	34.91	
		For Elevated Installation >30' To 35', Add	39.89	
		For Elevated Installation >35' To 40', Add	49.87	
		For Elevated Installation >40', Add	54.85	
		For Work In Restricted Working Space, Add	29.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.92	
26 05 33 13-1054	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	430.37	59.84
		For Elevated Installation >10' To 15', Add	11.97	
		For Elevated Installation >15' To 20', Add	23.94	
		For Elevated Installation >20' To 25', Add	29.92	
		For Elevated Installation >25' To 30', Add	41.89	
		For Elevated Installation >30' To 35', Add	47.87	
		For Elevated Installation >35' To 40', Add	59.84	
		For Elevated Installation >40', Add	65.82	
		For Work In Restricted Working Space, Add	35.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.90	
26 05 33 13-1055	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	605.49	84.15
		For Elevated Installation >10' To 15', Add	16.83	
		For Elevated Installation >15' To 20', Add	33.66	
		For Elevated Installation >20' To 25', Add	42.08	
		For Elevated Installation >25' To 30', Add	58.91	
		For Elevated Installation >30' To 35', Add	67.32	
		For Elevated Installation >35' To 40', Add	84.15	
		For Elevated Installation >40', Add	92.57	
		For Work In Restricted Working Space, Add	50.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.49	
26 05 33 13-1056	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	843.80	112.20
		For Elevated Installation >10' To 15', Add	22.44	
		For Elevated Installation >15' To 20', Add	44.88	
		For Elevated Installation >20' To 25', Add	56.10	
		For Elevated Installation >25' To 30', Add	78.54	
		For Elevated Installation >30' To 35', Add	89.76	
		For Elevated Installation >35' To 40', Add	112.20	
		For Elevated Installation >40', Add	123.42	
		For Work In Restricted Working Space, Add	67.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	67.32	
26 05 33 13-1057	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,232.25	140.24
		For Elevated Installation >10' To 15', Add	28.05	
		For Elevated Installation >15' To 20', Add	56.10	
		For Elevated Installation >20' To 25', Add	70.13	
		For Elevated Installation >25' To 30', Add	98.18	
		For Elevated Installation >30' To 35', Add	112.20	
		For Elevated Installation >35' To 40', Add	140.25	
		For Elevated Installation >40', Add	154.28	
		For Work In Restricted Working Space, Add	84.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	84.15	
26 05 33 13-1058	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,794.24	170.79
		For Elevated Installation >10' To 15', Add	34.16	
		For Elevated Installation >15' To 20', Add	68.32	
		For Elevated Installation >20' To 25', Add	85.40	
		For Elevated Installation >25' To 30', Add	119.55	
		For Elevated Installation >30' To 35', Add	136.63	
		For Elevated Installation >35' To 40', Add	170.79	
		For Elevated Installation >40', Add	187.87	
		For Work In Restricted Working Space, Add	102.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	102.47	

26 05 33 13-1059 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies (26 05 33 13-0823)

26 05 33 13-1060	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	183.06	29.92
		For Elevated Installation >10' To 15', Add	5.98	
		For Elevated Installation >15' To 20', Add	11.97	
		For Elevated Installation >20' To 25', Add	14.96	
		For Elevated Installation >25' To 30', Add	20.94	
		For Elevated Installation >30' To 35', Add	23.94	
		For Elevated Installation >35' To 40', Add	29.92	
		For Elevated Installation >40', Add	32.91	
		For Work In Restricted Working Space, Add	17.95	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.95	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1061	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	195.07	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.57	
26 05 33 13-1062	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	224.12	39.27
	For Elevated Installation >10' To 15', Add	7.85	
	For Elevated Installation >15' To 20', Add	15.71	
	For Elevated Installation >20' To 25', Add	19.64	
	For Elevated Installation >25' To 30', Add	27.49	
	For Elevated Installation >30' To 35', Add	31.42	
	For Elevated Installation >35' To 40', Add	39.27	
	For Elevated Installation >40', Add	43.20	
	For Work In Restricted Working Space, Add	23.56	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.56	
26 05 33 13-1063	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	249.94	45.50
	For Elevated Installation >10' To 15', Add	9.10	
	For Elevated Installation >15' To 20', Add	18.20	
	For Elevated Installation >20' To 25', Add	22.75	
	For Elevated Installation >25' To 30', Add	31.85	
	For Elevated Installation >30' To 35', Add	36.40	
	For Elevated Installation >35' To 40', Add	45.50	
	For Elevated Installation >40', Add	50.05	
	For Work In Restricted Working Space, Add	27.30	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.30	
26 05 33 13-1064	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	344.41	49.86
	For Elevated Installation >10' To 15', Add	9.97	
	For Elevated Installation >15' To 20', Add	19.95	
	For Elevated Installation >20' To 25', Add	24.93	
	For Elevated Installation >25' To 30', Add	34.91	
	For Elevated Installation >30' To 35', Add	39.89	
	For Elevated Installation >35' To 40', Add	49.87	
	For Elevated Installation >40', Add	54.85	
	For Work In Restricted Working Space, Add	29.92	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.92	
26 05 33 13-1065	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	432.67	59.84
	For Elevated Installation >10' To 15', Add	11.97	
	For Elevated Installation >15' To 20', Add	23.94	
	For Elevated Installation >20' To 25', Add	29.92	
	For Elevated Installation >25' To 30', Add	41.89	
	For Elevated Installation >30' To 35', Add	47.87	
	For Elevated Installation >35' To 40', Add	59.84	
	For Elevated Installation >40', Add	65.82	
	For Work In Restricted Working Space, Add	35.90	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.90	
26 05 33 13-1066	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	672.34	84.15
	For Elevated Installation >10' To 15', Add	16.83	
	For Elevated Installation >15' To 20', Add	33.66	
	For Elevated Installation >20' To 25', Add	42.08	
	For Elevated Installation >25' To 30', Add	58.91	
	For Elevated Installation >30' To 35', Add	67.32	
	For Elevated Installation >35' To 40', Add	84.15	
	For Elevated Installation >40', Add	92.57	
	For Work In Restricted Working Space, Add	50.49	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.49	
26 05 33 13-1067	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	979.81	112.20
	For Elevated Installation >10' To 15', Add	22.44	
	For Elevated Installation >15' To 20', Add	44.88	
	For Elevated Installation >20' To 25', Add	56.10	
	For Elevated Installation >25' To 30', Add	78.54	
	For Elevated Installation >30' To 35', Add	89.76	
	For Elevated Installation >35' To 40', Add	112.20	
	For Elevated Installation >40', Add	123.42	
	For Work In Restricted Working Space, Add	67.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	67.32	
26 05 33 13-1068	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,232.25	140.24
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
	For Work In Restricted Working Space, Add	84.15	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	84.15	

26 05 33 13-1069 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies (26 05 33 13-0623)

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1070	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....242.69 <i>For Elevated Installation >10' To 15', Add</i> 5.98 <i>For Elevated Installation >15' To 20', Add</i> 11.97 <i>For Elevated Installation >20' To 25', Add</i> 14.96 <i>For Elevated Installation >25' To 30', Add</i> 20.94 <i>For Elevated Installation >30' To 35', Add</i> 23.94 <i>For Elevated Installation >35' To 40', Add</i> 29.92 <i>For Elevated Installation >40', Add</i> 32.91 <i>For Work In Restricted Working Space, Add</i> 17.95 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 17.95		29.92
26 05 33	13-1071	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....269.26 <i>For Elevated Installation >10' To 15', Add</i> 6.86 <i>For Elevated Installation >15' To 20', Add</i> 13.71 <i>For Elevated Installation >20' To 25', Add</i> 17.14 <i>For Elevated Installation >25' To 30', Add</i> 24.00 <i>For Elevated Installation >30' To 35', Add</i> 27.43 <i>For Elevated Installation >35' To 40', Add</i> 34.29 <i>For Elevated Installation >40', Add</i> 37.71 <i>For Work In Restricted Working Space, Add</i> 20.57 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 20.57		34.28
26 05 33	13-1072	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....333.91 <i>For Elevated Installation >10' To 15', Add</i> 7.85 <i>For Elevated Installation >15' To 20', Add</i> 15.71 <i>For Elevated Installation >20' To 25', Add</i> 19.64 <i>For Elevated Installation >25' To 30', Add</i> 27.49 <i>For Elevated Installation >30' To 35', Add</i> 31.42 <i>For Elevated Installation >35' To 40', Add</i> 39.27 <i>For Elevated Installation >40', Add</i> 43.20 <i>For Work In Restricted Working Space, Add</i> 23.56 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 23.56		39.27
26 05 33	13-1073	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body .....411.80 <i>For Elevated Installation >10' To 15', Add</i> 9.10 <i>For Elevated Installation >15' To 20', Add</i> 18.20 <i>For Elevated Installation >20' To 25', Add</i> 22.75 <i>For Elevated Installation >25' To 30', Add</i> 31.85 <i>For Elevated Installation >30' To 35', Add</i> 36.40 <i>For Elevated Installation >35' To 40', Add</i> 45.50 <i>For Elevated Installation >40', Add</i> 50.05 <i>For Work In Restricted Working Space, Add</i> 27.30 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.30		45.50
26 05 33	13-1074	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body .....573.09 <i>For Elevated Installation >10' To 15', Add</i> 9.97 <i>For Elevated Installation >15' To 20', Add</i> 19.95 <i>For Elevated Installation >20' To 25', Add</i> 24.93 <i>For Elevated Installation >25' To 30', Add</i> 34.91 <i>For Elevated Installation >30' To 35', Add</i> 39.89 <i>For Elevated Installation >35' To 40', Add</i> 49.87 <i>For Elevated Installation >40', Add</i> 54.85 <i>For Work In Restricted Working Space, Add</i> 29.92 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 29.92		49.86
26 05 33	13-1075	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....686.84 <i>For Elevated Installation >10' To 15', Add</i> 11.97 <i>For Elevated Installation >15' To 20', Add</i> 23.94 <i>For Elevated Installation >20' To 25', Add</i> 29.92 <i>For Elevated Installation >25' To 30', Add</i> 41.89 <i>For Elevated Installation >30' To 35', Add</i> 47.87 <i>For Elevated Installation >35' To 40', Add</i> 59.84 <i>For Elevated Installation >40', Add</i> 65.82 <i>For Work In Restricted Working Space, Add</i> 35.90 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 35.90		59.84
26 05 33	13-1076		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings <small>(26 05 33 13-0823)</small>		
26 05 33	13-1077	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling .....46.38 <i>For Elevated Installation >10' To 15', Add</i> 2.40 <i>For Elevated Installation >15' To 20', Add</i> 4.80 <i>For Elevated Installation >20' To 25', Add</i> 6.00 <i>For Elevated Installation >25' To 30', Add</i> 8.39 <i>For Elevated Installation >30' To 35', Add</i> 9.59 <i>For Elevated Installation >35' To 40', Add</i> 11.99 <i>For Elevated Installation >40', Add</i> 13.19 <i>For Work In Restricted Working Space, Add</i> 7.19		11.98
26 05 33	13-1078	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling .....61.60 <i>For Elevated Installation >10' To 15', Add</i> 2.88 <i>For Elevated Installation >15' To 20', Add</i> 5.75 <i>For Elevated Installation >20' To 25', Add</i> 7.19 <i>For Elevated Installation >25' To 30', Add</i> 10.07 <i>For Elevated Installation >30' To 35', Add</i> 11.51 <i>For Elevated Installation >35' To 40', Add</i> 14.39 <i>For Elevated Installation >40', Add</i> 15.82 <i>For Work In Restricted Working Space, Add</i> 8.63		14.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1079 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	78.22	19.18
For Elevated Installation >10' To 15', Add	3.84	
For Elevated Installation >15' To 20', Add	7.67	
For Elevated Installation >20' To 25', Add	9.59	
For Elevated Installation >25' To 30', Add	13.43	
For Elevated Installation >30' To 35', Add	15.34	
For Elevated Installation >35' To 40', Add	19.18	
For Elevated Installation >40', Add	21.10	
For Work In Restricted Working Space, Add	11.51	
26 05 33 13-1080 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	107.77	23.98
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.78	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.37	
For Work In Restricted Working Space, Add	14.39	
26 05 33 13-1081 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	141.58	28.77
For Elevated Installation >10' To 15', Add	5.75	
For Elevated Installation >15' To 20', Add	11.51	
For Elevated Installation >20' To 25', Add	14.39	
For Elevated Installation >25' To 30', Add	20.14	
For Elevated Installation >30' To 35', Add	23.02	
For Elevated Installation >35' To 40', Add	28.77	
For Elevated Installation >40', Add	31.65	
For Work In Restricted Working Space, Add	17.26	
26 05 33 13-1082 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	244.82	33.57
For Elevated Installation >10' To 15', Add	6.71	
For Elevated Installation >15' To 20', Add	13.43	
For Elevated Installation >20' To 25', Add	16.78	
For Elevated Installation >25' To 30', Add	23.50	
For Elevated Installation >30' To 35', Add	26.85	
For Elevated Installation >35' To 40', Add	33.57	
For Elevated Installation >40', Add	36.92	
For Work In Restricted Working Space, Add	20.14	
26 05 33 13-1083 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	356.47	38.36
For Elevated Installation >10' To 15', Add	7.67	
For Elevated Installation >15' To 20', Add	15.34	
For Elevated Installation >20' To 25', Add	19.18	
For Elevated Installation >25' To 30', Add	26.85	
For Elevated Installation >30' To 35', Add	30.69	
For Elevated Installation >35' To 40', Add	38.36	
For Elevated Installation >40', Add	42.20	
For Work In Restricted Working Space, Add	23.02	
26 05 33 13-1084 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	445.06	43.16
For Elevated Installation >10' To 15', Add	8.63	
For Elevated Installation >15' To 20', Add	17.26	
For Elevated Installation >20' To 25', Add	21.58	
For Elevated Installation >25' To 30', Add	30.21	
For Elevated Installation >30' To 35', Add	34.52	
For Elevated Installation >35' To 40', Add	43.16	
For Elevated Installation >40', Add	47.47	
For Work In Restricted Working Space, Add	25.89	
26 05 33 13-1085 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	620.15	50.34
For Elevated Installation >10' To 15', Add	10.07	
For Elevated Installation >15' To 20', Add	20.14	
For Elevated Installation >20' To 25', Add	25.17	
For Elevated Installation >25' To 30', Add	35.24	
For Elevated Installation >30' To 35', Add	40.28	
For Elevated Installation >35' To 40', Add	50.35	
For Elevated Installation >40', Add	55.38	
For Work In Restricted Working Space, Add	30.21	
26 05 33 13-1086 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	753.21	57.54
For Elevated Installation >10' To 15', Add	11.51	
For Elevated Installation >15' To 20', Add	23.01	
For Elevated Installation >20' To 25', Add	28.77	
For Elevated Installation >25' To 30', Add	40.27	
For Elevated Installation >30' To 35', Add	46.03	
For Elevated Installation >35' To 40', Add	57.54	
For Elevated Installation >40', Add	63.29	
For Work In Restricted Working Space, Add	34.52	
26 05 33 13-1087 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,205.60	91.10
For Elevated Installation >10' To 15', Add	18.22	
For Elevated Installation >15' To 20', Add	36.44	
For Elevated Installation >20' To 25', Add	45.55	
For Elevated Installation >25' To 30', Add	63.77	
For Elevated Installation >30' To 35', Add	72.88	
For Elevated Installation >35' To 40', Add	91.10	
For Elevated Installation >40', Add	100.21	
For Work In Restricted Working Space, Add	54.66	
26 05 33 13-1088 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,647.04	139.05
For Elevated Installation >10' To 15', Add	27.81	
For Elevated Installation >15' To 20', Add	55.62	
For Elevated Installation >20' To 25', Add	69.52	
For Elevated Installation >25' To 30', Add	97.33	
For Elevated Installation >30' To 35', Add	111.24	
For Elevated Installation >35' To 40', Add	139.05	
For Elevated Installation >40', Add	152.95	
For Work In Restricted Working Space, Add	83.43	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR	UNIT COST	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST

MINOR	UNIT COST	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST
26 05 33 13-1089		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows <small>(26 05 33 13-0823)</small>	
26 05 33 13-1090	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....172.54	29.92
		For Elevated Installation >10' To 15', Add	5.98
		For Elevated Installation >15' To 20', Add	11.97
		For Elevated Installation >20' To 25', Add	14.96
		For Elevated Installation >25' To 30', Add	20.94
		For Elevated Installation >30' To 35', Add	23.94
		For Elevated Installation >35' To 40', Add	29.92
		For Elevated Installation >40', Add	32.91
		For Work In Restricted Working Space, Add	17.95
26 05 33 13-1091	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....204.14	33.04
		For Elevated Installation >10' To 15', Add	6.61
		For Elevated Installation >15' To 20', Add	13.21
		For Elevated Installation >20' To 25', Add	16.52
		For Elevated Installation >25' To 30', Add	23.12
		For Elevated Installation >30' To 35', Add	26.43
		For Elevated Installation >35' To 40', Add	33.04
		For Elevated Installation >40', Add	36.34
		For Work In Restricted Working Space, Add	19.82
26 05 33 13-1092	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....225.08	39.27
		For Elevated Installation >10' To 15', Add	7.85
		For Elevated Installation >15' To 20', Add	15.71
		For Elevated Installation >20' To 25', Add	19.64
		For Elevated Installation >25' To 30', Add	27.49
		For Elevated Installation >30' To 35', Add	31.42
		For Elevated Installation >35' To 40', Add	39.27
		For Elevated Installation >40', Add	43.20
		For Work In Restricted Working Space, Add	23.56
26 05 33 13-1093	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....324.18	45.50
		For Elevated Installation >10' To 15', Add	9.10
		For Elevated Installation >15' To 20', Add	18.20
		For Elevated Installation >20' To 25', Add	22.75
		For Elevated Installation >25' To 30', Add	31.85
		For Elevated Installation >30' To 35', Add	36.40
		For Elevated Installation >35' To 40', Add	45.50
		For Elevated Installation >40', Add	50.05
		For Work In Restricted Working Space, Add	27.30
26 05 33 13-1094	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....428.30	49.86
		For Elevated Installation >10' To 15', Add	9.97
		For Elevated Installation >15' To 20', Add	19.95
		For Elevated Installation >20' To 25', Add	24.93
		For Elevated Installation >25' To 30', Add	34.91
		For Elevated Installation >30' To 35', Add	39.89
		For Elevated Installation >35' To 40', Add	49.87
		For Elevated Installation >40', Add	54.85
		For Work In Restricted Working Space, Add	29.92
26 05 33 13-1095	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....461.91	59.84
		For Elevated Installation >10' To 15', Add	11.97
		For Elevated Installation >15' To 20', Add	23.94
		For Elevated Installation >20' To 25', Add	29.92
		For Elevated Installation >25' To 30', Add	41.89
		For Elevated Installation >30' To 35', Add	47.87
		For Elevated Installation >35' To 40', Add	59.84
		For Elevated Installation >40', Add	65.82
		For Work In Restricted Working Space, Add	35.90
26 05 33 13-1096	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....1,094.94	82.90
		For Elevated Installation >10' To 15', Add	16.58
		For Elevated Installation >15' To 20', Add	33.16
		For Elevated Installation >20' To 25', Add	41.45
		For Elevated Installation >25' To 30', Add	58.03
		For Elevated Installation >30' To 35', Add	66.32
		For Elevated Installation >35' To 40', Add	82.91
		For Elevated Installation >40', Add	91.20
		For Work In Restricted Working Space, Add	49.74
26 05 33 13-1097	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....1,153.76	112.20
		For Elevated Installation >10' To 15', Add	22.44
		For Elevated Installation >15' To 20', Add	44.88
		For Elevated Installation >20' To 25', Add	56.10
		For Elevated Installation >25' To 30', Add	78.54
		For Elevated Installation >30' To 35', Add	89.76
		For Elevated Installation >35' To 40', Add	112.21
		For Elevated Installation >40', Add	123.43
		For Work In Restricted Working Space, Add	67.32
26 05 33 13-1098	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....1,890.29	140.24
		For Elevated Installation >10' To 15', Add	28.05
		For Elevated Installation >15' To 20', Add	56.10
		For Elevated Installation >20' To 25', Add	70.13
		For Elevated Installation >25' To 30', Add	98.18
		For Elevated Installation >30' To 35', Add	112.20
		For Elevated Installation >35' To 40', Add	140.26
		For Elevated Installation >40', Add	154.28
		For Work In Restricted Working Space, Add	84.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1099 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,967.00	170.79
For Elevated Installation >10' To 15', Add	34.16	
For Elevated Installation >15' To 20', Add	68.32	
For Elevated Installation >20' To 25', Add	85.40	
For Elevated Installation >25' To 30', Add	119.56	
For Elevated Installation >30' To 35', Add	136.64	
For Elevated Installation >35' To 40', Add	170.80	
For Elevated Installation >40', Add	187.88	
For Work In Restricted Working Space, Add	102.48	
26 05 33 13-1100 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows <small>(26 05 33 13-0623)</small>		
26 05 33 13-1101 EA 1 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	252.76	29.92
For Elevated Installation >10' To 15', Add	5.98	
For Elevated Installation >15' To 20', Add	11.97	
For Elevated Installation >20' To 25', Add	14.96	
For Elevated Installation >25' To 30', Add	20.94	
For Elevated Installation >30' To 35', Add	23.94	
For Elevated Installation >35' To 40', Add	29.92	
For Elevated Installation >40', Add	32.91	
For Work In Restricted Working Space, Add	17.95	
26 05 33 13-1102 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	287.93	34.28
For Elevated Installation >10' To 15', Add	6.86	
For Elevated Installation >15' To 20', Add	13.71	
For Elevated Installation >20' To 25', Add	17.14	
For Elevated Installation >25' To 30', Add	24.00	
For Elevated Installation >30' To 35', Add	27.43	
For Elevated Installation >35' To 40', Add	34.29	
For Elevated Installation >40', Add	37.71	
For Work In Restricted Working Space, Add	20.57	
26 05 33 13-1103 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	570.15	39.27
For Elevated Installation >10' To 15', Add	7.85	
For Elevated Installation >15' To 20', Add	15.71	
For Elevated Installation >20' To 25', Add	19.64	
For Elevated Installation >25' To 30', Add	27.49	
For Elevated Installation >30' To 35', Add	31.42	
For Elevated Installation >35' To 40', Add	39.27	
For Elevated Installation >40', Add	43.20	
For Work In Restricted Working Space, Add	23.56	
26 05 33 13-1104 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	597.79	45.50
For Elevated Installation >10' To 15', Add	9.10	
For Elevated Installation >15' To 20', Add	18.20	
For Elevated Installation >20' To 25', Add	22.75	
For Elevated Installation >25' To 30', Add	31.85	
For Elevated Installation >30' To 35', Add	36.40	
For Elevated Installation >35' To 40', Add	45.50	
For Elevated Installation >40', Add	50.05	
For Work In Restricted Working Space, Add	27.30	
26 05 33 13-1105 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	818.06	49.86
For Elevated Installation >10' To 15', Add	9.97	
For Elevated Installation >15' To 20', Add	19.95	
For Elevated Installation >20' To 25', Add	24.93	
For Elevated Installation >25' To 30', Add	34.91	
For Elevated Installation >30' To 35', Add	39.89	
For Elevated Installation >35' To 40', Add	49.87	
For Elevated Installation >40', Add	54.85	
For Work In Restricted Working Space, Add	29.92	
26 05 33 13-1106 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	872.08	59.84
For Elevated Installation >10' To 15', Add	11.97	
For Elevated Installation >15' To 20', Add	23.94	
For Elevated Installation >20' To 25', Add	29.92	
For Elevated Installation >25' To 30', Add	41.89	
For Elevated Installation >30' To 35', Add	47.87	
For Elevated Installation >35' To 40', Add	59.84	
For Elevated Installation >40', Add	65.82	
For Work In Restricted Working Space, Add	35.90	
26 05 33 13-1107 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,679.10	84.15
For Elevated Installation >10' To 15', Add	16.83	
For Elevated Installation >15' To 20', Add	33.66	
For Elevated Installation >20' To 25', Add	42.08	
For Elevated Installation >25' To 30', Add	58.91	
For Elevated Installation >30' To 35', Add	67.32	
For Elevated Installation >35' To 40', Add	84.15	
For Elevated Installation >40', Add	92.57	
For Work In Restricted Working Space, Add	50.49	

26	Electrical
26 05	Common Work Results For Electrical
26 05 33	Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1108	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,765.06	112.20
	For Elevated Installation >10' To 15', Add	22.44	
	For Elevated Installation >15' To 20', Add	44.88	
	For Elevated Installation >20' To 25', Add	56.10	
	For Elevated Installation >25' To 30', Add	78.54	
	For Elevated Installation >30' To 35', Add	89.76	
	For Elevated Installation >35' To 40', Add	112.20	
	For Elevated Installation >40', Add	123.42	
	For Work In Restricted Working Space, Add	67.32	
26 05 33 13-1109	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	2,587.60	140.24
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
	For Work In Restricted Working Space, Add	84.15	
26 05 33 13-1110	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	2,929.13	170.79
	For Elevated Installation >10' To 15', Add	34.16	
	For Elevated Installation >15' To 20', Add	68.32	
	For Elevated Installation >20' To 25', Add	85.40	
	For Elevated Installation >25' To 30', Add	119.55	
	For Elevated Installation >30' To 35', Add	136.63	
	For Elevated Installation >35' To 40', Add	170.79	
	For Elevated Installation >40', Add	187.87	
	For Work In Restricted Working Space, Add	102.47	
 26 05 33 13-1111 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows (26 05 33 13-0823)			
26 05 33 13-1112	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	96.65	15.58
	For Elevated Installation >10' To 15', Add	3.12	
	For Elevated Installation >15' To 20', Add	6.23	
	For Elevated Installation >20' To 25', Add	7.79	
	For Elevated Installation >25' To 30', Add	10.91	
	For Elevated Installation >30' To 35', Add	12.46	
	For Elevated Installation >35' To 40', Add	15.58	
	For Elevated Installation >40', Add	17.14	
	For Work In Restricted Working Space, Add	9.35	
26 05 33 13-1113	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	112.38	19.32
	For Elevated Installation >10' To 15', Add	3.87	
	For Elevated Installation >15' To 20', Add	7.73	
	For Elevated Installation >20' To 25', Add	9.66	
	For Elevated Installation >25' To 30', Add	13.53	
	For Elevated Installation >30' To 35', Add	15.46	
	For Elevated Installation >35' To 40', Add	19.33	
	For Elevated Installation >40', Add	21.26	
	For Work In Restricted Working Space, Add	11.60	
26 05 33 13-1114	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	133.83	23.69
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
	For Work In Restricted Working Space, Add	14.21	
26 05 33 13-1115	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	158.02	27.43
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
	For Work In Restricted Working Space, Add	16.46	
 26 05 33 13-1116 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows (26 05 33 13-0823)			
26 05 33 13-1117	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	75.75	15.58
	For Elevated Installation >10' To 15', Add	3.12	
	For Elevated Installation >15' To 20', Add	6.23	
	For Elevated Installation >20' To 25', Add	7.79	
	For Elevated Installation >25' To 30', Add	10.91	
	For Elevated Installation >30' To 35', Add	12.46	
	For Elevated Installation >35' To 40', Add	15.58	
	For Elevated Installation >40', Add	17.14	
	For Work In Restricted Working Space, Add	9.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1118	EA			3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	87.30	19.32					
				For Elevated Installation >10' To 15', Add	3.87						
				For Elevated Installation >15' To 20', Add	7.73						
				For Elevated Installation >20' To 25', Add	9.66						
				For Elevated Installation >25' To 30', Add	13.53						
				For Elevated Installation >30' To 35', Add	15.46						
				For Elevated Installation >35' To 40', Add	19.33						
				For Elevated Installation >40', Add	21.26						
				For Work In Restricted Working Space, Add	11.60						
				26 05 33 13-1119	EA				1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	121.62	23.69
									For Elevated Installation >10' To 15', Add	4.74	
									For Elevated Installation >15' To 20', Add	9.48	
For Elevated Installation >20' To 25', Add	11.85										
For Elevated Installation >25' To 30', Add	16.58										
For Elevated Installation >30' To 35', Add	18.95										
For Elevated Installation >35' To 40', Add	23.69										
For Elevated Installation >40', Add	26.06										
For Work In Restricted Working Space, Add	14.21										
26 05 33 13-1120	EA					1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....			158.11	27.43	
						For Elevated Installation >10' To 15', Add			5.49		
						For Elevated Installation >15' To 20', Add			10.97		
				For Elevated Installation >20' To 25', Add	13.71						
				For Elevated Installation >25' To 30', Add	19.20						
				For Elevated Installation >30' To 35', Add	21.94						
				For Elevated Installation >35' To 40', Add	27.43						
				For Elevated Installation >40', Add	30.17						
				For Work In Restricted Working Space, Add	16.46						
				26 05 33 13-1121	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	192.93		31.16
								For Elevated Installation >10' To 15', Add	6.23		
								For Elevated Installation >15' To 20', Add	12.47		
For Elevated Installation >20' To 25', Add	15.59										
For Elevated Installation >25' To 30', Add	21.82										
For Elevated Installation >30' To 35', Add	24.94										
For Elevated Installation >35' To 40', Add	31.17										
For Elevated Installation >40', Add	34.29										
For Work In Restricted Working Space, Add	18.70										
26 05 33 13-1122	EA							2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	278.53	34.28	
								For Elevated Installation >10' To 15', Add	6.86		
								For Elevated Installation >15' To 20', Add	13.71		
				For Elevated Installation >20' To 25', Add	17.14						
				For Elevated Installation >25' To 30', Add	24.00						
				For Elevated Installation >30' To 35', Add	27.43						
				For Elevated Installation >35' To 40', Add	34.29						
				For Elevated Installation >40', Add	37.71						
				For Work In Restricted Working Space, Add	20.57						
				26 05 33 13-1123	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	381.04		43.01
								For Elevated Installation >10' To 15', Add	8.60		
								For Elevated Installation >15' To 20', Add	17.20		
For Elevated Installation >20' To 25', Add	21.50										
For Elevated Installation >25' To 30', Add	30.10										
For Elevated Installation >30' To 35', Add	34.40										
For Elevated Installation >35' To 40', Add	43.01										
For Elevated Installation >40', Add	47.31										
For Work In Restricted Working Space, Add	25.80										
26 05 33 13-1124								Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0823)</small>			
26 05 33 13-1125	EA							1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	96.69	15.58	
								For Elevated Installation >10' To 15', Add	3.12		
				For Elevated Installation >15' To 20', Add	6.23						
				For Elevated Installation >20' To 25', Add	7.79						
				For Elevated Installation >25' To 30', Add	10.91						
				For Elevated Installation >30' To 35', Add	12.46						
				For Elevated Installation >35' To 40', Add	15.58						
				For Elevated Installation >40', Add	17.14						
				For Work In Restricted Working Space, Add	9.35						
				26 05 33 13-1126	EA			3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	115.28		19.32
								For Elevated Installation >10' To 15', Add	3.87		
								For Elevated Installation >15' To 20', Add	7.73		
For Elevated Installation >20' To 25', Add	9.66										
For Elevated Installation >25' To 30', Add	13.53										
For Elevated Installation >30' To 35', Add	15.46										
For Elevated Installation >35' To 40', Add	19.33										
For Elevated Installation >40', Add	21.26										
For Work In Restricted Working Space, Add	11.60										

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1127		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	133.86	23.69
			For Elevated Installation >10' To 15', Add	4.74	
			For Elevated Installation >15' To 20', Add	9.48	
			For Elevated Installation >20' To 25', Add	11.85	
			For Elevated Installation >25' To 30', Add	16.58	
			For Elevated Installation >30' To 35', Add	18.95	
			For Elevated Installation >35' To 40', Add	23.69	
			For Elevated Installation >40', Add	26.06	
			For Work In Restricted Working Space, Add	14.21	
26 05 33 13-1128		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	158.06	27.43
			For Elevated Installation >10' To 15', Add	5.49	
			For Elevated Installation >15' To 20', Add	10.97	
			For Elevated Installation >20' To 25', Add	13.71	
			For Elevated Installation >25' To 30', Add	19.20	
			For Elevated Installation >30' To 35', Add	21.94	
			For Elevated Installation >35' To 40', Add	27.43	
			For Elevated Installation >40', Add	30.17	
			For Work In Restricted Working Space, Add	16.46	
26 05 33 13-1129			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows <small>(26 05 33 13-0823)</small>		
26 05 33 13-1130		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	75.82	15.58
			For Elevated Installation >10' To 15', Add	3.12	
			For Elevated Installation >15' To 20', Add	6.23	
			For Elevated Installation >20' To 25', Add	7.79	
			For Elevated Installation >25' To 30', Add	10.91	
			For Elevated Installation >30' To 35', Add	12.46	
			For Elevated Installation >35' To 40', Add	15.58	
			For Elevated Installation >40', Add	17.14	
			For Work In Restricted Working Space, Add	9.35	
26 05 33 13-1131		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	87.30	19.32
			For Elevated Installation >10' To 15', Add	3.87	
			For Elevated Installation >15' To 20', Add	7.73	
			For Elevated Installation >20' To 25', Add	9.66	
			For Elevated Installation >25' To 30', Add	13.53	
			For Elevated Installation >30' To 35', Add	15.46	
			For Elevated Installation >35' To 40', Add	19.33	
			For Elevated Installation >40', Add	21.26	
			For Work In Restricted Working Space, Add	11.60	
26 05 33 13-1132		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	112.96	23.69
			For Elevated Installation >10' To 15', Add	4.74	
			For Elevated Installation >15' To 20', Add	9.48	
			For Elevated Installation >20' To 25', Add	11.85	
			For Elevated Installation >25' To 30', Add	16.58	
			For Elevated Installation >30' To 35', Add	18.95	
			For Elevated Installation >35' To 40', Add	23.69	
			For Elevated Installation >40', Add	26.06	
			For Work In Restricted Working Space, Add	14.21	
26 05 33 13-1133		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	141.30	27.43
			For Elevated Installation >10' To 15', Add	5.49	
			For Elevated Installation >15' To 20', Add	10.97	
			For Elevated Installation >20' To 25', Add	13.71	
			For Elevated Installation >25' To 30', Add	19.20	
			For Elevated Installation >30' To 35', Add	21.94	
			For Elevated Installation >35' To 40', Add	27.43	
			For Elevated Installation >40', Add	30.17	
			For Work In Restricted Working Space, Add	16.46	
26 05 33 13-1134		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	165.55	31.16
			For Elevated Installation >10' To 15', Add	6.23	
			For Elevated Installation >15' To 20', Add	12.47	
			For Elevated Installation >20' To 25', Add	15.59	
			For Elevated Installation >25' To 30', Add	21.82	
			For Elevated Installation >30' To 35', Add	24.94	
			For Elevated Installation >35' To 40', Add	31.17	
			For Elevated Installation >40', Add	34.29	
			For Work In Restricted Working Space, Add	18.70	
26 05 33 13-1135		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	190.86	34.28
			For Elevated Installation >10' To 15', Add	6.86	
			For Elevated Installation >15' To 20', Add	13.71	
			For Elevated Installation >20' To 25', Add	17.14	
			For Elevated Installation >25' To 30', Add	24.00	
			For Elevated Installation >30' To 35', Add	27.43	
			For Elevated Installation >35' To 40', Add	34.29	
			For Elevated Installation >40', Add	37.71	
			For Work In Restricted Working Space, Add	20.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1136	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	358.69 8.60 17.20 21.50 30.10 34.40 43.01 47.31 25.80	43.01
26 05 33 13-1137	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	410.12 11.72 23.44 29.30 41.02 46.88 58.60 64.45 35.16	58.59
26 05 33 13-1138	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	442.17 13.22 26.43 33.04 46.25 52.86 66.08 72.68 39.65	66.07
26 05 33 13-1139	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	545.04 17.20 34.41 43.01 60.21 68.82 86.02 94.62 51.61	86.01
26 05 33 13-1140	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows <small>(26 05 33 13-0823)</small>		
26 05 33 13-1141	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.01 5.98 11.97 14.96 20.94 23.94 29.92 32.91 17.95 17.95	29.92
26 05 33 13-1142	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.64 6.86 13.71 17.14 24.00 27.43 34.29 37.71 20.57 20.57	34.28
26 05 33 13-1143	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.71 7.85 15.71 19.64 27.49 31.42 39.27 43.20 23.56 23.56	39.27
26 05 33 13-1144	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow..... <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.86 9.10 18.20 22.75 31.85 36.40 45.50 50.05 27.30 27.30	45.50

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1145	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	322.58	49.86
		<i>For Elevated Installation >10' To 15', Add</i>	9.97	
		<i>For Elevated Installation >15' To 20', Add</i>	19.95	
		<i>For Elevated Installation >20' To 25', Add</i>	24.93	
		<i>For Elevated Installation >25' To 30', Add</i>	34.91	
		<i>For Elevated Installation >30' To 35', Add</i>	39.89	
		<i>For Elevated Installation >35' To 40', Add</i>	49.87	
		<i>For Elevated Installation >40', Add</i>	54.85	
		<i>For Work In Restricted Working Space, Add</i>	29.92	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.92	

26 05 33 13-1146 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover

26 05 33 13-1147	EA	1 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	192.13	29.92
		<i>For Elevated Installation >10' To 15', Add</i>	5.98	
		<i>For Elevated Installation >15' To 20', Add</i>	11.97	
		<i>For Elevated Installation >20' To 25', Add</i>	14.96	
		<i>For Elevated Installation >25' To 30', Add</i>	20.94	
		<i>For Elevated Installation >30' To 35', Add</i>	23.94	
		<i>For Elevated Installation >35' To 40', Add</i>	29.92	
		<i>For Elevated Installation >40', Add</i>	32.91	
		<i>For Work In Restricted Working Space, Add</i>	17.95	

26 05 33 13-1148	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	206.79	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	

26 05 33 13-1149	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	241.79	39.27
		<i>For Elevated Installation >10' To 15', Add</i>	7.85	
		<i>For Elevated Installation >15' To 20', Add</i>	15.71	
		<i>For Elevated Installation >20' To 25', Add</i>	19.64	
		<i>For Elevated Installation >25' To 30', Add</i>	27.49	
		<i>For Elevated Installation >30' To 35', Add</i>	31.42	
		<i>For Elevated Installation >35' To 40', Add</i>	39.27	
		<i>For Elevated Installation >40', Add</i>	43.20	
		<i>For Work In Restricted Working Space, Add</i>	23.56	

26 05 33 13-1150	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	346.73	45.50
		<i>For Elevated Installation >10' To 15', Add</i>	9.10	
		<i>For Elevated Installation >15' To 20', Add</i>	18.20	
		<i>For Elevated Installation >20' To 25', Add</i>	22.75	
		<i>For Elevated Installation >25' To 30', Add</i>	31.85	
		<i>For Elevated Installation >30' To 35', Add</i>	36.40	
		<i>For Elevated Installation >35' To 40', Add</i>	45.50	
		<i>For Elevated Installation >40', Add</i>	50.05	
		<i>For Work In Restricted Working Space, Add</i>	27.30	

26 05 33 13-1151	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	565.80	49.86
		<i>For Elevated Installation >10' To 15', Add</i>	9.97	
		<i>For Elevated Installation >15' To 20', Add</i>	19.95	
		<i>For Elevated Installation >20' To 25', Add</i>	24.93	
		<i>For Elevated Installation >25' To 30', Add</i>	34.91	
		<i>For Elevated Installation >30' To 35', Add</i>	39.89	
		<i>For Elevated Installation >35' To 40', Add</i>	49.87	
		<i>For Elevated Installation >40', Add</i>	54.85	
		<i>For Work In Restricted Working Space, Add</i>	29.92	

26 05 33 13-1152	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	610.74	59.84
		<i>For Elevated Installation >10' To 15', Add</i>	11.97	
		<i>For Elevated Installation >15' To 20', Add</i>	23.94	
		<i>For Elevated Installation >20' To 25', Add</i>	29.92	
		<i>For Elevated Installation >25' To 30', Add</i>	41.89	
		<i>For Elevated Installation >30' To 35', Add</i>	47.87	
		<i>For Elevated Installation >35' To 40', Add</i>	59.84	
		<i>For Elevated Installation >40', Add</i>	65.82	
		<i>For Work In Restricted Working Space, Add</i>	35.90	

26 05 33 13-1153 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover

26 05 33 13-1154	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover.....	210.92	29.92
		<i>For Elevated Installation >10' To 15', Add</i>	5.98	
		<i>For Elevated Installation >15' To 20', Add</i>	11.97	
		<i>For Elevated Installation >20' To 25', Add</i>	14.96	
		<i>For Elevated Installation >25' To 30', Add</i>	20.94	
		<i>For Elevated Installation >30' To 35', Add</i>	23.94	
		<i>For Elevated Installation >35' To 40', Add</i>	29.92	
		<i>For Elevated Installation >40', Add</i>	32.91	
		<i>For Work In Restricted Working Space, Add</i>	17.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1155	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	238.13	34.28
			<i>For Elevated Installation >10' To 15', Add</i>	6.86	
			<i>For Elevated Installation >15' To 20', Add</i>	13.71	
			<i>For Elevated Installation >20' To 25', Add</i>	17.14	
			<i>For Elevated Installation >25' To 30', Add</i>	24.00	
			<i>For Elevated Installation >30' To 35', Add</i>	27.43	
			<i>For Elevated Installation >35' To 40', Add</i>	34.29	
			<i>For Elevated Installation >40', Add</i>	37.71	
			<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-1156	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	259.67	39.27
			<i>For Elevated Installation >10' To 15', Add</i>	7.85	
			<i>For Elevated Installation >15' To 20', Add</i>	15.71	
			<i>For Elevated Installation >20' To 25', Add</i>	19.64	
			<i>For Elevated Installation >25' To 30', Add</i>	27.49	
			<i>For Elevated Installation >30' To 35', Add</i>	31.42	
			<i>For Elevated Installation >35' To 40', Add</i>	39.27	
			<i>For Elevated Installation >40', Add</i>	43.20	
			<i>For Work In Restricted Working Space, Add</i>	23.56	
26 05 33 13-1157	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	364.90	45.50
			<i>For Elevated Installation >10' To 15', Add</i>	9.10	
			<i>For Elevated Installation >15' To 20', Add</i>	18.20	
			<i>For Elevated Installation >20' To 25', Add</i>	22.75	
			<i>For Elevated Installation >25' To 30', Add</i>	31.85	
			<i>For Elevated Installation >30' To 35', Add</i>	36.40	
			<i>For Elevated Installation >35' To 40', Add</i>	45.50	
			<i>For Elevated Installation >40', Add</i>	50.05	
			<i>For Work In Restricted Working Space, Add</i>	27.30	
26 05 33 13-1158	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	609.15	49.86
			<i>For Elevated Installation >10' To 15', Add</i>	9.97	
			<i>For Elevated Installation >15' To 20', Add</i>	19.95	
			<i>For Elevated Installation >20' To 25', Add</i>	24.93	
			<i>For Elevated Installation >25' To 30', Add</i>	34.91	
			<i>For Elevated Installation >30' To 35', Add</i>	39.89	
			<i>For Elevated Installation >35' To 40', Add</i>	49.87	
			<i>For Elevated Installation >40', Add</i>	54.85	
			<i>For Work In Restricted Working Space, Add</i>	29.92	
26 05 33 13-1159	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	650.52	59.84
			<i>For Elevated Installation >10' To 15', Add</i>	11.97	
			<i>For Elevated Installation >15' To 20', Add</i>	23.94	
			<i>For Elevated Installation >20' To 25', Add</i>	29.92	
			<i>For Elevated Installation >25' To 30', Add</i>	41.89	
			<i>For Elevated Installation >30' To 35', Add</i>	47.87	
			<i>For Elevated Installation >35' To 40', Add</i>	59.84	
			<i>For Elevated Installation >40', Add</i>	65.82	
			<i>For Work In Restricted Working Space, Add</i>	35.90	

26 05 33 13-1160 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover

26 05 33 13-1161	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	211.06	29.92
			<i>For Elevated Installation >10' To 15', Add</i>	5.98	
			<i>For Elevated Installation >15' To 20', Add</i>	11.97	
			<i>For Elevated Installation >20' To 25', Add</i>	14.96	
			<i>For Elevated Installation >25' To 30', Add</i>	20.94	
			<i>For Elevated Installation >30' To 35', Add</i>	23.94	
			<i>For Elevated Installation >35' To 40', Add</i>	29.92	
			<i>For Elevated Installation >40', Add</i>	32.91	
			<i>For Work In Restricted Working Space, Add</i>	17.95	
26 05 33 13-1162	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	232.58	34.28
			<i>For Elevated Installation >10' To 15', Add</i>	6.86	
			<i>For Elevated Installation >15' To 20', Add</i>	13.71	
			<i>For Elevated Installation >20' To 25', Add</i>	17.14	
			<i>For Elevated Installation >25' To 30', Add</i>	24.00	
			<i>For Elevated Installation >30' To 35', Add</i>	27.43	
			<i>For Elevated Installation >35' To 40', Add</i>	34.29	
			<i>For Elevated Installation >40', Add</i>	37.71	
			<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-1163	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	276.93	39.27
			<i>For Elevated Installation >10' To 15', Add</i>	7.85	
			<i>For Elevated Installation >15' To 20', Add</i>	15.71	
			<i>For Elevated Installation >20' To 25', Add</i>	19.64	
			<i>For Elevated Installation >25' To 30', Add</i>	27.49	
			<i>For Elevated Installation >30' To 35', Add</i>	31.42	
			<i>For Elevated Installation >35' To 40', Add</i>	39.27	
			<i>For Elevated Installation >40', Add</i>	43.20	
			<i>For Work In Restricted Working Space, Add</i>	23.56	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	378.74		45.50
		For Elevated Installation >10' To 15', Add	9.10		
		For Elevated Installation >15' To 20', Add	18.20		
		For Elevated Installation >20' To 25', Add	22.75		
		For Elevated Installation >25' To 30', Add	31.85		
		For Elevated Installation >30' To 35', Add	36.40		
		For Elevated Installation >35' To 40', Add	45.50		
		For Elevated Installation >40', Add	50.05		
		For Work In Restricted Working Space, Add	27.30		
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	629.81		49.86
		For Elevated Installation >10' To 15', Add	9.97		
		For Elevated Installation >15' To 20', Add	19.95		
		For Elevated Installation >20' To 25', Add	24.93		
		For Elevated Installation >25' To 30', Add	34.91		
		For Elevated Installation >30' To 35', Add	39.89		
		For Elevated Installation >35' To 40', Add	49.87		
		For Elevated Installation >40', Add	54.85		
		For Work In Restricted Working Space, Add	29.92		
26 05 33 13-1166	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	675.98		59.84
		For Elevated Installation >10' To 15', Add	11.97		
		For Elevated Installation >15' To 20', Add	23.94		
		For Elevated Installation >20' To 25', Add	29.92		
		For Elevated Installation >25' To 30', Add	41.89		
		For Elevated Installation >30' To 35', Add	47.87		
		For Elevated Installation >35' To 40', Add	59.84		
		For Elevated Installation >40', Add	65.82		
		For Work In Restricted Working Space, Add	35.90		
26 05 33 13-1167 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover (26 05 33 13-0823)					
26 05 33 13-1168	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	263.09		29.92
		For Elevated Installation >10' To 15', Add	5.98		
		For Elevated Installation >15' To 20', Add	11.97		
		For Elevated Installation >20' To 25', Add	14.96		
		For Elevated Installation >25' To 30', Add	20.94		
		For Elevated Installation >30' To 35', Add	23.94		
		For Elevated Installation >35' To 40', Add	29.92		
		For Elevated Installation >40', Add	32.91		
		For Work In Restricted Working Space, Add	17.95		
26 05 33 13-1169	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	290.42		34.28
		For Elevated Installation >10' To 15', Add	6.86		
		For Elevated Installation >15' To 20', Add	13.71		
		For Elevated Installation >20' To 25', Add	17.14		
		For Elevated Installation >25' To 30', Add	24.00		
		For Elevated Installation >30' To 35', Add	27.43		
		For Elevated Installation >35' To 40', Add	34.29		
		For Elevated Installation >40', Add	37.71		
		For Work In Restricted Working Space, Add	20.57		
26 05 33 13-1170	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	314.54		39.27
		For Elevated Installation >10' To 15', Add	7.85		
		For Elevated Installation >15' To 20', Add	15.71		
		For Elevated Installation >20' To 25', Add	19.64		
		For Elevated Installation >25' To 30', Add	27.49		
		For Elevated Installation >30' To 35', Add	31.42		
		For Elevated Installation >35' To 40', Add	39.27		
		For Elevated Installation >40', Add	43.20		
		For Work In Restricted Working Space, Add	23.56		
26 05 33 13-1171	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	799.19		45.50
		For Elevated Installation >10' To 15', Add	9.10		
		For Elevated Installation >15' To 20', Add	18.20		
		For Elevated Installation >20' To 25', Add	22.75		
		For Elevated Installation >25' To 30', Add	31.85		
		For Elevated Installation >30' To 35', Add	36.40		
		For Elevated Installation >35' To 40', Add	45.50		
		For Elevated Installation >40', Add	50.05		
		For Work In Restricted Working Space, Add	27.30		
26 05 33 13-1172 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes (26 05 33 13-0823) Note: Excludes cover.					
26 05 33 13-1173	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	124.37		29.92
		For Elevated Installation >10' To 15', Add	5.98		
		For Elevated Installation >15' To 20', Add	11.97		
		For Elevated Installation >20' To 25', Add	14.96		
		For Elevated Installation >25' To 30', Add	20.94		
		For Elevated Installation >30' To 35', Add	23.94		
		For Elevated Installation >35' To 40', Add	29.92		
		For Elevated Installation >40', Add	32.91		
		For Work In Restricted Working Space, Add	17.95		

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1174	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	136.59		34.28
	<i>For Elevated Installation >10' To 15', Add</i>		6.86	
	<i>For Elevated Installation >15' To 20', Add</i>		13.71	
	<i>For Elevated Installation >20' To 25', Add</i>		17.14	
	<i>For Elevated Installation >25' To 30', Add</i>		24.00	
	<i>For Elevated Installation >30' To 35', Add</i>		27.43	
	<i>For Elevated Installation >35' To 40', Add</i>		34.29	
	<i>For Elevated Installation >40', Add</i>		37.71	
	<i>For Work In Restricted Working Space, Add</i>		20.57	
26 05 33 13-1175	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	152.39		39.27
	<i>For Elevated Installation >10' To 15', Add</i>		7.85	
	<i>For Elevated Installation >15' To 20', Add</i>		15.71	
	<i>For Elevated Installation >20' To 25', Add</i>		19.64	
	<i>For Elevated Installation >25' To 30', Add</i>		27.49	
	<i>For Elevated Installation >30' To 35', Add</i>		31.42	
	<i>For Elevated Installation >35' To 40', Add</i>		39.27	
	<i>For Elevated Installation >40', Add</i>		43.20	
	<i>For Work In Restricted Working Space, Add</i>		23.56	
26 05 33 13-1176	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	138.48		29.92
	<i>For Elevated Installation >10' To 15', Add</i>		5.98	
	<i>For Elevated Installation >15' To 20', Add</i>		11.97	
	<i>For Elevated Installation >20' To 25', Add</i>		14.96	
	<i>For Elevated Installation >25' To 30', Add</i>		20.94	
	<i>For Elevated Installation >30' To 35', Add</i>		23.94	
	<i>For Elevated Installation >35' To 40', Add</i>		29.92	
	<i>For Elevated Installation >40', Add</i>		32.91	
	<i>For Work In Restricted Working Space, Add</i>		17.95	
26 05 33 13-1177	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	148.93		34.28
	<i>For Elevated Installation >10' To 15', Add</i>		6.86	
	<i>For Elevated Installation >15' To 20', Add</i>		13.71	
	<i>For Elevated Installation >20' To 25', Add</i>		17.14	
	<i>For Elevated Installation >25' To 30', Add</i>		24.00	
	<i>For Elevated Installation >30' To 35', Add</i>		27.43	
	<i>For Elevated Installation >35' To 40', Add</i>		34.29	
	<i>For Elevated Installation >40', Add</i>		37.71	
	<i>For Work In Restricted Working Space, Add</i>		20.57	
26 05 33 13-1178	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	169.54		39.27
	<i>For Elevated Installation >10' To 15', Add</i>		7.85	
	<i>For Elevated Installation >15' To 20', Add</i>		15.71	
	<i>For Elevated Installation >20' To 25', Add</i>		19.64	
	<i>For Elevated Installation >25' To 30', Add</i>		27.49	
	<i>For Elevated Installation >30' To 35', Add</i>		31.42	
	<i>For Elevated Installation >35' To 40', Add</i>		39.27	
	<i>For Elevated Installation >40', Add</i>		43.20	
	<i>For Work In Restricted Working Space, Add</i>		23.56	
26 05 33 13-1179 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes <small>(26 05 33 13-0823)</small>				
Note: Excludes cover.				
26 05 33 13-1180	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	131.04		29.92
	<i>For Elevated Installation >10' To 15', Add</i>		5.98	
	<i>For Elevated Installation >15' To 20', Add</i>		11.97	
	<i>For Elevated Installation >20' To 25', Add</i>		14.96	
	<i>For Elevated Installation >25' To 30', Add</i>		20.94	
	<i>For Elevated Installation >30' To 35', Add</i>		23.94	
	<i>For Elevated Installation >35' To 40', Add</i>		29.92	
	<i>For Elevated Installation >40', Add</i>		32.91	
	<i>For Work In Restricted Working Space, Add</i>		17.95	
26 05 33 13-1181	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	144.10		34.28
	<i>For Elevated Installation >10' To 15', Add</i>		6.86	
	<i>For Elevated Installation >15' To 20', Add</i>		13.71	
	<i>For Elevated Installation >20' To 25', Add</i>		17.14	
	<i>For Elevated Installation >25' To 30', Add</i>		24.00	
	<i>For Elevated Installation >30' To 35', Add</i>		27.43	
	<i>For Elevated Installation >35' To 40', Add</i>		34.29	
	<i>For Elevated Installation >40', Add</i>		37.71	
	<i>For Work In Restricted Working Space, Add</i>		20.57	
26 05 33 13-1182	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	157.58		39.27
	<i>For Elevated Installation >10' To 15', Add</i>		7.85	
	<i>For Elevated Installation >15' To 20', Add</i>		15.71	
	<i>For Elevated Installation >20' To 25', Add</i>		19.64	
	<i>For Elevated Installation >25' To 30', Add</i>		27.49	
	<i>For Elevated Installation >30' To 35', Add</i>		31.42	
	<i>For Elevated Installation >35' To 40', Add</i>		39.27	
	<i>For Elevated Installation >40', Add</i>		43.20	
	<i>For Work In Restricted Working Space, Add</i>		23.56	
26 05 33 13-1183	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	148.01		29.92
	<i>For Elevated Installation >10' To 15', Add</i>		5.98	
	<i>For Elevated Installation >15' To 20', Add</i>		11.97	
	<i>For Elevated Installation >20' To 25', Add</i>		14.96	
	<i>For Elevated Installation >25' To 30', Add</i>		20.94	
	<i>For Elevated Installation >30' To 35', Add</i>		23.94	
	<i>For Elevated Installation >35' To 40', Add</i>		29.92	
	<i>For Elevated Installation >40', Add</i>		32.91	
	<i>For Work In Restricted Working Space, Add</i>		17.95	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

26 05 33 13-1184	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	161.24	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-1185	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	182.21	39.27
		<i>For Elevated Installation >10' To 15', Add</i>	7.85	
		<i>For Elevated Installation >15' To 20', Add</i>	15.71	
		<i>For Elevated Installation >20' To 25', Add</i>	19.64	
		<i>For Elevated Installation >25' To 30', Add</i>	27.49	
		<i>For Elevated Installation >30' To 35', Add</i>	31.42	
		<i>For Elevated Installation >35' To 40', Add</i>	39.27	
		<i>For Elevated Installation >40', Add</i>	43.20	
		<i>For Work In Restricted Working Space, Add</i>	23.56	

26 05 33 13-1186 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers
(26 05 33 13-0823)

26 05 33 13-1187	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	47.41	3.74
		<i>For Elevated Installation >10' To 15', Add</i>	0.75	
		<i>For Elevated Installation >15' To 20', Add</i>	1.50	
		<i>For Elevated Installation >20' To 25', Add</i>	1.87	
		<i>For Elevated Installation >25' To 30', Add</i>	2.62	
		<i>For Elevated Installation >30' To 35', Add</i>	2.99	
		<i>For Elevated Installation >35' To 40', Add</i>	3.74	
		<i>For Elevated Installation >40', Add</i>	4.11	
		<i>For Work In Restricted Working Space, Add</i>	2.24	
26 05 33 13-1188	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover.....	64.58	4.36
		<i>For Elevated Installation >10' To 15', Add</i>	0.87	
		<i>For Elevated Installation >15' To 20', Add</i>	1.75	
		<i>For Elevated Installation >20' To 25', Add</i>	2.18	
		<i>For Elevated Installation >25' To 30', Add</i>	3.06	
		<i>For Elevated Installation >30' To 35', Add</i>	3.49	
		<i>For Elevated Installation >35' To 40', Add</i>	4.37	
		<i>For Elevated Installation >40', Add</i>	4.80	
		<i>For Work In Restricted Working Space, Add</i>	2.62	
26 05 33 13-1189	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover.....	60.92	4.36
		<i>For Elevated Installation >10' To 15', Add</i>	0.87	
		<i>For Elevated Installation >15' To 20', Add</i>	1.75	
		<i>For Elevated Installation >20' To 25', Add</i>	2.18	
		<i>For Elevated Installation >25' To 30', Add</i>	3.06	
		<i>For Elevated Installation >30' To 35', Add</i>	3.49	
		<i>For Elevated Installation >35' To 40', Add</i>	4.37	
		<i>For Elevated Installation >40', Add</i>	4.80	
		<i>For Work In Restricted Working Space, Add</i>	2.62	
26 05 33 13-1190	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover.....	54.08	4.36
		<i>For Elevated Installation >10' To 15', Add</i>	0.87	
		<i>For Elevated Installation >15' To 20', Add</i>	1.75	
		<i>For Elevated Installation >20' To 25', Add</i>	2.18	
		<i>For Elevated Installation >25' To 30', Add</i>	3.06	
		<i>For Elevated Installation >30' To 35', Add</i>	3.49	
		<i>For Elevated Installation >35' To 40', Add</i>	4.37	
		<i>For Elevated Installation >40', Add</i>	4.80	
		<i>For Work In Restricted Working Space, Add</i>	2.62	
26 05 33 13-1191	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	265.90	6.23
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.49	
		<i>For Elevated Installation >20' To 25', Add</i>	3.12	
		<i>For Elevated Installation >25' To 30', Add</i>	4.36	
		<i>For Elevated Installation >30' To 35', Add</i>	4.99	
		<i>For Elevated Installation >35' To 40', Add</i>	6.24	
		<i>For Elevated Installation >40', Add</i>	6.86	
		<i>For Work In Restricted Working Space, Add</i>	3.74	
26 05 33 13-1192	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	236.25	6.23
		<i>For Elevated Installation >10' To 15', Add</i>	1.25	
		<i>For Elevated Installation >15' To 20', Add</i>	2.49	
		<i>For Elevated Installation >20' To 25', Add</i>	3.12	
		<i>For Elevated Installation >25' To 30', Add</i>	4.36	
		<i>For Elevated Installation >30' To 35', Add</i>	4.99	
		<i>For Elevated Installation >35' To 40', Add</i>	6.24	
		<i>For Elevated Installation >40', Add</i>	6.86	
		<i>For Work In Restricted Working Space, Add</i>	3.74	

26 05 33 13-1193 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies
(26 05 33 13-0823)

Note: Includes covers.

26 05 33 13-1194	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	273.11	39.27
		<i>For Elevated Installation >10' To 15', Add</i>	7.85	
		<i>For Elevated Installation >15' To 20', Add</i>	15.71	
		<i>For Elevated Installation >20' To 25', Add</i>	19.64	
		<i>For Elevated Installation >25' To 30', Add</i>	27.49	
		<i>For Elevated Installation >30' To 35', Add</i>	31.42	
		<i>For Elevated Installation >35' To 40', Add</i>	39.27	
		<i>For Elevated Installation >40', Add</i>	43.20	
		<i>For Work In Restricted Working Space, Add</i>	23.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST			
26 05 33 13-1195	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	306.56	45.50			
			<i>For Elevated Installation >10' To 15', Add</i>	9.10				
			<i>For Elevated Installation >15' To 20', Add</i>	18.20				
			<i>For Elevated Installation >20' To 25', Add</i>	22.75				
			<i>For Elevated Installation >25' To 30', Add</i>	31.85				
			<i>For Elevated Installation >30' To 35', Add</i>	36.40				
			<i>For Elevated Installation >35' To 40', Add</i>	45.50				
			<i>For Elevated Installation >40', Add</i>	50.05				
			<i>For Work In Restricted Working Space, Add</i>	27.30				
			26 05 33 13-1196	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	425.15	49.86
						<i>For Elevated Installation >10' To 15', Add</i>	9.97	
						<i>For Elevated Installation >15' To 20', Add</i>	19.95	
<i>For Elevated Installation >20' To 25', Add</i>	24.93							
<i>For Elevated Installation >25' To 30', Add</i>	34.91							
<i>For Elevated Installation >30' To 35', Add</i>	39.89							
<i>For Elevated Installation >35' To 40', Add</i>	49.87							
<i>For Elevated Installation >40', Add</i>	54.85							
<i>For Work In Restricted Working Space, Add</i>	29.92							
26 05 33 13-1197	EA	2"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	506.54	59.84
						<i>For Elevated Installation >10' To 15', Add</i>	11.97	
						<i>For Elevated Installation >15' To 20', Add</i>	23.94	
			<i>For Elevated Installation >20' To 25', Add</i>	29.92				
			<i>For Elevated Installation >25' To 30', Add</i>	41.89				
			<i>For Elevated Installation >30' To 35', Add</i>	47.87				
			<i>For Elevated Installation >35' To 40', Add</i>	59.84				
			<i>For Elevated Installation >40', Add</i>	65.82				
			<i>For Work In Restricted Working Space, Add</i>	35.90				
			26 05 33 13-1198	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	732.11	84.15
						<i>For Elevated Installation >10' To 15', Add</i>	16.83	
						<i>For Elevated Installation >15' To 20', Add</i>	33.66	
<i>For Elevated Installation >20' To 25', Add</i>	42.08							
<i>For Elevated Installation >25' To 30', Add</i>	58.91							
<i>For Elevated Installation >30' To 35', Add</i>	67.32							
<i>For Elevated Installation >35' To 40', Add</i>	84.15							
<i>For Elevated Installation >40', Add</i>	92.57							
<i>For Work In Restricted Working Space, Add</i>	50.49							
26 05 33 13-1199	EA	3"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	922.91	112.20
						<i>For Elevated Installation >10' To 15', Add</i>	22.44	
						<i>For Elevated Installation >15' To 20', Add</i>	44.88	
			<i>For Elevated Installation >20' To 25', Add</i>	56.10				
			<i>For Elevated Installation >25' To 30', Add</i>	78.54				
			<i>For Elevated Installation >30' To 35', Add</i>	89.76				
			<i>For Elevated Installation >35' To 40', Add</i>	112.20				
			<i>For Elevated Installation >40', Add</i>	123.42				
			<i>For Work In Restricted Working Space, Add</i>	67.32				
			26 05 33 13-1200	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,356.29	140.24
						<i>For Elevated Installation >10' To 15', Add</i>	28.05	
						<i>For Elevated Installation >15' To 20', Add</i>	56.10	
<i>For Elevated Installation >20' To 25', Add</i>	70.13							
<i>For Elevated Installation >25' To 30', Add</i>	98.18							
<i>For Elevated Installation >30' To 35', Add</i>	112.20							
<i>For Elevated Installation >35' To 40', Add</i>	140.25							
<i>For Elevated Installation >40', Add</i>	154.28							
<i>For Work In Restricted Working Space, Add</i>	84.15							
26 05 33 13-1201	EA	4"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,683.35	170.79
						<i>For Elevated Installation >10' To 15', Add</i>	34.16	
						<i>For Elevated Installation >15' To 20', Add</i>	68.32	
			<i>For Elevated Installation >20' To 25', Add</i>	85.40				
			<i>For Elevated Installation >25' To 30', Add</i>	119.55				
			<i>For Elevated Installation >30' To 35', Add</i>	136.63				
			<i>For Elevated Installation >35' To 40', Add</i>	170.79				
			<i>For Elevated Installation >40', Add</i>	187.87				
			<i>For Work In Restricted Working Space, Add</i>	102.47				
			26 05 33 13-1202	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	273.11	39.27
						<i>For Elevated Installation >10' To 15', Add</i>	7.85	
						<i>For Elevated Installation >15' To 20', Add</i>	15.71	
<i>For Elevated Installation >20' To 25', Add</i>	19.64							
<i>For Elevated Installation >25' To 30', Add</i>	27.49							
<i>For Elevated Installation >30' To 35', Add</i>	31.42							
<i>For Elevated Installation >35' To 40', Add</i>	39.27							
<i>For Elevated Installation >40', Add</i>	43.20							
<i>For Work In Restricted Working Space, Add</i>	23.56							
26 05 33 13-1203	EA	1-1/4"				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	306.56	45.50
						<i>For Elevated Installation >10' To 15', Add</i>	9.10	
						<i>For Elevated Installation >15' To 20', Add</i>	18.20	
			<i>For Elevated Installation >20' To 25', Add</i>	22.75				
			<i>For Elevated Installation >25' To 30', Add</i>	31.85				
			<i>For Elevated Installation >30' To 35', Add</i>	36.40				
			<i>For Elevated Installation >35' To 40', Add</i>	45.50				
			<i>For Elevated Installation >40', Add</i>	50.05				
			<i>For Work In Restricted Working Space, Add</i>	27.30				
			26 05 33 13-1204	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	423.95	49.86
						<i>For Elevated Installation >10' To 15', Add</i>	9.97	
						<i>For Elevated Installation >15' To 20', Add</i>	19.95	
<i>For Elevated Installation >20' To 25', Add</i>	24.93							
<i>For Elevated Installation >25' To 30', Add</i>	34.91							
<i>For Elevated Installation >30' To 35', Add</i>	39.89							
<i>For Elevated Installation >35' To 40', Add</i>	49.87							
<i>For Elevated Installation >40', Add</i>	54.85							
<i>For Work In Restricted Working Space, Add</i>	29.92							

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1205	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....494.47	494.47	59.84
	For Elevated Installation >10' To 15', Add	11.97	
	For Elevated Installation >15' To 20', Add	23.94	
	For Elevated Installation >20' To 25', Add	29.92	
	For Elevated Installation >25' To 30', Add	41.89	
	For Elevated Installation >30' To 35', Add	47.87	
	For Elevated Installation >35' To 40', Add	59.84	
	For Elevated Installation >40', Add	65.82	
	For Work In Restricted Working Space, Add	35.90	
26 05 33 13-1206	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....743.23	743.23	84.15
	For Elevated Installation >10' To 15', Add	16.83	
	For Elevated Installation >15' To 20', Add	33.66	
	For Elevated Installation >20' To 25', Add	42.08	
	For Elevated Installation >25' To 30', Add	58.91	
	For Elevated Installation >30' To 35', Add	67.32	
	For Elevated Installation >35' To 40', Add	84.15	
	For Elevated Installation >40', Add	92.57	
	For Work In Restricted Working Space, Add	50.49	
26 05 33 13-1207	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....972.78	972.78	112.20
	For Elevated Installation >10' To 15', Add	22.44	
	For Elevated Installation >15' To 20', Add	44.88	
	For Elevated Installation >20' To 25', Add	56.10	
	For Elevated Installation >25' To 30', Add	78.54	
	For Elevated Installation >30' To 35', Add	89.76	
	For Elevated Installation >35' To 40', Add	112.20	
	For Elevated Installation >40', Add	123.42	
	For Work In Restricted Working Space, Add	67.32	
26 05 33 13-1208	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....1,416.49	1,416.49	140.24
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
	For Work In Restricted Working Space, Add	84.15	
26 05 33 13-1209	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....1,720.84	1,720.84	170.79
	For Elevated Installation >10' To 15', Add	34.16	
	For Elevated Installation >15' To 20', Add	68.32	
	For Elevated Installation >20' To 25', Add	85.40	
	For Elevated Installation >25' To 30', Add	119.55	
	For Elevated Installation >30' To 35', Add	136.63	
	For Elevated Installation >35' To 40', Add	170.79	
	For Elevated Installation >40', Add	187.87	
	For Work In Restricted Working Space, Add	102.47	
26 05 33 13-1210	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body.....273.11	273.11	39.27
	For Elevated Installation >10' To 15', Add	7.85	
	For Elevated Installation >15' To 20', Add	15.71	
	For Elevated Installation >20' To 25', Add	19.64	
	For Elevated Installation >25' To 30', Add	27.49	
	For Elevated Installation >30' To 35', Add	31.42	
	For Elevated Installation >35' To 40', Add	39.27	
	For Elevated Installation >40', Add	43.20	
	For Work In Restricted Working Space, Add	23.56	
26 05 33 13-1211	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....306.56	306.56	45.50
	For Elevated Installation >10' To 15', Add	9.10	
	For Elevated Installation >15' To 20', Add	18.20	
	For Elevated Installation >20' To 25', Add	22.75	
	For Elevated Installation >25' To 30', Add	31.85	
	For Elevated Installation >30' To 35', Add	36.40	
	For Elevated Installation >35' To 40', Add	45.50	
	For Elevated Installation >40', Add	50.05	
	For Work In Restricted Working Space, Add	27.30	
26 05 33 13-1212	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....423.95	423.95	49.86
	For Elevated Installation >10' To 15', Add	9.97	
	For Elevated Installation >15' To 20', Add	19.95	
	For Elevated Installation >20' To 25', Add	24.93	
	For Elevated Installation >25' To 30', Add	34.91	
	For Elevated Installation >30' To 35', Add	39.89	
	For Elevated Installation >35' To 40', Add	49.87	
	For Elevated Installation >40', Add	54.85	
	For Work In Restricted Working Space, Add	29.92	
26 05 33 13-1213	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body.....494.47	494.47	59.84
	For Elevated Installation >10' To 15', Add	11.97	
	For Elevated Installation >15' To 20', Add	23.94	
	For Elevated Installation >20' To 25', Add	29.92	
	For Elevated Installation >25' To 30', Add	41.89	
	For Elevated Installation >30' To 35', Add	47.87	
	For Elevated Installation >35' To 40', Add	59.84	
	For Elevated Installation >40', Add	65.82	
	For Work In Restricted Working Space, Add	35.90	
26 05 33 13-1214	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....743.23	743.23	84.15
	For Elevated Installation >10' To 15', Add	16.83	
	For Elevated Installation >15' To 20', Add	33.66	
	For Elevated Installation >20' To 25', Add	42.08	
	For Elevated Installation >25' To 30', Add	58.91	
	For Elevated Installation >30' To 35', Add	67.32	
	For Elevated Installation >35' To 40', Add	84.15	
	For Elevated Installation >40', Add	92.57	
	For Work In Restricted Working Space, Add	50.49	

Table with columns: MINOR CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include various electrical installation descriptions such as 'EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body'.

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1225	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,698.96	170.79
		For Elevated Installation >10' To 15', Add	34.16	
		For Elevated Installation >15' To 20', Add	68.32	
		For Elevated Installation >20' To 25', Add	85.40	
		For Elevated Installation >25' To 30', Add	119.55	
		For Elevated Installation >30' To 35', Add	136.63	
		For Elevated Installation >35' To 40', Add	170.79	
		For Elevated Installation >40', Add	187.87	
		For Work In Restricted Working Space, Add	102.47	

26 05 33 13-1226 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers (26 05 33 13-0823)

26 05 33 13-1227	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	137.98	5.61
		For Elevated Installation >10' To 15', Add	1.12	
		For Elevated Installation >15' To 20', Add	2.24	
		For Elevated Installation >20' To 25', Add	2.81	
		For Elevated Installation >25' To 30', Add	3.93	
		For Elevated Installation >30' To 35', Add	4.49	
		For Elevated Installation >35' To 40', Add	5.61	
		For Elevated Installation >40', Add	6.17	
		For Work In Restricted Working Space, Add	3.37	
26 05 33 13-1228	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	139.23	6.23
		For Elevated Installation >10' To 15', Add	1.25	
		For Elevated Installation >15' To 20', Add	2.49	
		For Elevated Installation >20' To 25', Add	3.12	
		For Elevated Installation >25' To 30', Add	4.36	
		For Elevated Installation >30' To 35', Add	4.99	
		For Elevated Installation >35' To 40', Add	6.24	
		For Elevated Installation >40', Add	6.86	
		For Work In Restricted Working Space, Add	3.74	
26 05 33 13-1229	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	196.85	8.73
		For Elevated Installation >10' To 15', Add	1.75	
		For Elevated Installation >15' To 20', Add	3.49	
		For Elevated Installation >20' To 25', Add	4.37	
		For Elevated Installation >25' To 30', Add	6.11	
		For Elevated Installation >30' To 35', Add	6.98	
		For Elevated Installation >35' To 40', Add	8.73	
		For Elevated Installation >40', Add	9.60	
		For Work In Restricted Working Space, Add	5.24	
26 05 33 13-1230	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	199.34	9.97
		For Elevated Installation >10' To 15', Add	2.00	
		For Elevated Installation >15' To 20', Add	3.99	
		For Elevated Installation >20' To 25', Add	4.99	
		For Elevated Installation >25' To 30', Add	6.98	
		For Elevated Installation >30' To 35', Add	7.98	
		For Elevated Installation >35' To 40', Add	9.98	
		For Elevated Installation >40', Add	10.97	
		For Work In Restricted Working Space, Add	5.99	
26 05 33 13-1231	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	349.20	11.84
		For Elevated Installation >10' To 15', Add	2.37	
		For Elevated Installation >15' To 20', Add	4.74	
		For Elevated Installation >20' To 25', Add	5.92	
		For Elevated Installation >25' To 30', Add	8.29	
		For Elevated Installation >30' To 35', Add	9.48	
		For Elevated Installation >35' To 40', Add	11.85	
		For Elevated Installation >40', Add	13.03	
		For Work In Restricted Working Space, Add	7.11	
26 05 33 13-1232	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	355.43	14.96
		For Elevated Installation >10' To 15', Add	2.99	
		For Elevated Installation >15' To 20', Add	5.98	
		For Elevated Installation >20' To 25', Add	7.48	
		For Elevated Installation >25' To 30', Add	10.47	
		For Elevated Installation >30' To 35', Add	11.97	
		For Elevated Installation >35' To 40', Add	14.96	
		For Elevated Installation >40', Add	16.46	
		For Work In Restricted Working Space, Add	8.98	
26 05 33 13-1233	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	536.24	16.83
		For Elevated Installation >10' To 15', Add	3.37	
		For Elevated Installation >15' To 20', Add	6.73	
		For Elevated Installation >20' To 25', Add	8.42	
		For Elevated Installation >25' To 30', Add	11.78	
		For Elevated Installation >30' To 35', Add	13.46	
		For Elevated Installation >35' To 40', Add	16.83	
		For Elevated Installation >40', Add	18.51	
		For Work In Restricted Working Space, Add	10.10	
26 05 33 13-1234	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	546.21	21.81
		For Elevated Installation >10' To 15', Add	4.36	
		For Elevated Installation >15' To 20', Add	8.73	
		For Elevated Installation >20' To 25', Add	10.91	
		For Elevated Installation >25' To 30', Add	15.27	
		For Elevated Installation >30' To 35', Add	17.45	
		For Elevated Installation >35' To 40', Add	21.82	
		For Elevated Installation >40', Add	24.00	
		For Work In Restricted Working Space, Add	13.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1235	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings <small>(26 05 33 13-0823)</small>		
26 05 33 13-1236	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	236.68	15.58
	For Elevated Installation >10' To 15', Add	3.12	
	For Elevated Installation >15' To 20', Add	6.23	
	For Elevated Installation >20' To 25', Add	7.79	
	For Elevated Installation >25' To 30', Add	10.91	
	For Elevated Installation >30' To 35', Add	12.46	
	For Elevated Installation >35' To 40', Add	15.58	
	For Elevated Installation >40', Add	17.14	
	For Work In Restricted Working Space, Add	9.35	
26 05 33 13-1237	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	279.50	19.32
	For Elevated Installation >10' To 15', Add	3.87	
	For Elevated Installation >15' To 20', Add	7.73	
	For Elevated Installation >20' To 25', Add	9.66	
	For Elevated Installation >25' To 30', Add	13.53	
	For Elevated Installation >30' To 35', Add	15.46	
	For Elevated Installation >35' To 40', Add	19.33	
	For Elevated Installation >40', Add	21.26	
	For Work In Restricted Working Space, Add	11.60	
26 05 33 13-1238	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	330.72	23.69
	For Elevated Installation >10' To 15', Add	4.74	
	For Elevated Installation >15' To 20', Add	9.48	
	For Elevated Installation >20' To 25', Add	11.85	
	For Elevated Installation >25' To 30', Add	16.58	
	For Elevated Installation >30' To 35', Add	18.95	
	For Elevated Installation >35' To 40', Add	23.69	
	For Elevated Installation >40', Add	26.06	
	For Work In Restricted Working Space, Add	14.21	
26 05 33 13-1239	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	407.69	27.43
	For Elevated Installation >10' To 15', Add	5.49	
	For Elevated Installation >15' To 20', Add	10.97	
	For Elevated Installation >20' To 25', Add	13.71	
	For Elevated Installation >25' To 30', Add	19.20	
	For Elevated Installation >30' To 35', Add	21.94	
	For Elevated Installation >35' To 40', Add	27.43	
	For Elevated Installation >40', Add	30.17	
	For Work In Restricted Working Space, Add	16.46	
26 05 33 13-1240	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	545.89	31.16
	For Elevated Installation >10' To 15', Add	6.23	
	For Elevated Installation >15' To 20', Add	12.47	
	For Elevated Installation >20' To 25', Add	15.59	
	For Elevated Installation >25' To 30', Add	21.82	
	For Elevated Installation >30' To 35', Add	24.94	
	For Elevated Installation >35' To 40', Add	31.17	
	For Elevated Installation >40', Add	34.29	
	For Work In Restricted Working Space, Add	18.70	
26 05 33 13-1241	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	757.21	34.28
	For Elevated Installation >10' To 15', Add	6.86	
	For Elevated Installation >15' To 20', Add	13.71	
	For Elevated Installation >20' To 25', Add	17.14	
	For Elevated Installation >25' To 30', Add	24.00	
	For Elevated Installation >30' To 35', Add	27.43	
	For Elevated Installation >35' To 40', Add	34.29	
	For Elevated Installation >40', Add	37.71	
	For Work In Restricted Working Space, Add	20.57	
26 05 33 13-1242	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,082.35	43.01
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.50	
	For Elevated Installation >25' To 30', Add	30.10	
	For Elevated Installation >30' To 35', Add	34.40	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
	For Work In Restricted Working Space, Add	25.80	
26 05 33 13-1243	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,345.03	58.59
	For Elevated Installation >10' To 15', Add	11.72	
	For Elevated Installation >15' To 20', Add	23.44	
	For Elevated Installation >20' To 25', Add	29.30	
	For Elevated Installation >25' To 30', Add	41.02	
	For Elevated Installation >30' To 35', Add	46.88	
	For Elevated Installation >35' To 40', Add	58.60	
	For Elevated Installation >40', Add	64.45	
	For Work In Restricted Working Space, Add	35.16	
26 05 33 13-1244	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,889.71	66.07
	For Elevated Installation >10' To 15', Add	13.22	
	For Elevated Installation >15' To 20', Add	26.43	
	For Elevated Installation >20' To 25', Add	33.04	
	For Elevated Installation >25' To 30', Add	46.25	
	For Elevated Installation >30' To 35', Add	52.86	
	For Elevated Installation >35' To 40', Add	66.08	
	For Elevated Installation >40', Add	72.68	
	For Work In Restricted Working Space, Add	39.65	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST

DEMOLITION UNIT COST

26 05 33 13-1245	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	2,176.39	86.01
		<i>For Elevated Installation >10' To 15', Add</i>	17.20	
		<i>For Elevated Installation >15' To 20', Add</i>	34.41	
		<i>For Elevated Installation >20' To 25', Add</i>	43.01	
		<i>For Elevated Installation >25' To 30', Add</i>	60.21	
		<i>For Elevated Installation >30' To 35', Add</i>	68.82	
		<i>For Elevated Installation >35' To 40', Add</i>	86.02	
		<i>For Elevated Installation >40', Add</i>	94.62	
		<i>For Work In Restricted Working Space, Add</i>	51.61	

26 05 33 13-1246 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper (26 05 33 13-0823)

26 05 33 13-1247	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	377.47	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
26 05 33 13-1248	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	391.49	19.32
		<i>For Elevated Installation >10' To 15', Add</i>	3.87	
		<i>For Elevated Installation >15' To 20', Add</i>	7.73	
		<i>For Elevated Installation >20' To 25', Add</i>	9.66	
		<i>For Elevated Installation >25' To 30', Add</i>	13.53	
		<i>For Elevated Installation >30' To 35', Add</i>	15.46	
		<i>For Elevated Installation >35' To 40', Add</i>	19.33	
		<i>For Elevated Installation >40', Add</i>	21.26	
		<i>For Work In Restricted Working Space, Add</i>	11.60	
26 05 33 13-1249	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	439.38	23.69
		<i>For Elevated Installation >10' To 15', Add</i>	4.74	
		<i>For Elevated Installation >15' To 20', Add</i>	9.48	
		<i>For Elevated Installation >20' To 25', Add</i>	11.85	
		<i>For Elevated Installation >25' To 30', Add</i>	16.58	
		<i>For Elevated Installation >30' To 35', Add</i>	18.95	
		<i>For Elevated Installation >35' To 40', Add</i>	23.69	
		<i>For Elevated Installation >40', Add</i>	26.06	
		<i>For Work In Restricted Working Space, Add</i>	14.21	
26 05 33 13-1250	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	531.87	27.43
		<i>For Elevated Installation >10' To 15', Add</i>	5.49	
		<i>For Elevated Installation >15' To 20', Add</i>	10.97	
		<i>For Elevated Installation >20' To 25', Add</i>	13.71	
		<i>For Elevated Installation >25' To 30', Add</i>	19.20	
		<i>For Elevated Installation >30' To 35', Add</i>	21.94	
		<i>For Elevated Installation >35' To 40', Add</i>	27.43	
		<i>For Elevated Installation >40', Add</i>	30.17	
		<i>For Work In Restricted Working Space, Add</i>	16.46	
26 05 33 13-1251	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	645.04	31.16
		<i>For Elevated Installation >10' To 15', Add</i>	6.23	
		<i>For Elevated Installation >15' To 20', Add</i>	12.47	
		<i>For Elevated Installation >20' To 25', Add</i>	15.59	
		<i>For Elevated Installation >25' To 30', Add</i>	21.82	
		<i>For Elevated Installation >30' To 35', Add</i>	24.94	
		<i>For Elevated Installation >35' To 40', Add</i>	31.17	
		<i>For Elevated Installation >40', Add</i>	34.29	
		<i>For Work In Restricted Working Space, Add</i>	18.70	
26 05 33 13-1252	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	825.47	34.28
		<i>For Elevated Installation >10' To 15', Add</i>	6.86	
		<i>For Elevated Installation >15' To 20', Add</i>	13.71	
		<i>For Elevated Installation >20' To 25', Add</i>	17.14	
		<i>For Elevated Installation >25' To 30', Add</i>	24.00	
		<i>For Elevated Installation >30' To 35', Add</i>	27.43	
		<i>For Elevated Installation >35' To 40', Add</i>	34.29	
		<i>For Elevated Installation >40', Add</i>	37.71	
		<i>For Work In Restricted Working Space, Add</i>	20.57	
26 05 33 13-1253	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper.....	1,219.85	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1254 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,528.77	58.59
<i>For Elevated Installation >10' To 15', Add</i>	11.72	
<i>For Elevated Installation >15' To 20', Add</i>	23.44	
<i>For Elevated Installation >20' To 25', Add</i>	29.30	
<i>For Elevated Installation >25' To 30', Add</i>	41.02	
<i>For Elevated Installation >30' To 35', Add</i>	46.88	
<i>For Elevated Installation >35' To 40', Add</i>	58.60	
<i>For Elevated Installation >40', Add</i>	64.45	
<i>For Work In Restricted Working Space, Add</i>	35.16	
26 05 33 13-1255 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,949.03	66.07
<i>For Elevated Installation >10' To 15', Add</i>	13.22	
<i>For Elevated Installation >15' To 20', Add</i>	26.43	
<i>For Elevated Installation >20' To 25', Add</i>	33.04	
<i>For Elevated Installation >25' To 30', Add</i>	46.25	
<i>For Elevated Installation >30' To 35', Add</i>	52.86	
<i>For Elevated Installation >35' To 40', Add</i>	66.08	
<i>For Elevated Installation >40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-1256 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,439.09	86.01
<i>For Elevated Installation >10' To 15', Add</i>	17.20	
<i>For Elevated Installation >15' To 20', Add</i>	34.41	
<i>For Elevated Installation >20' To 25', Add</i>	43.01	
<i>For Elevated Installation >25' To 30', Add</i>	60.21	
<i>For Elevated Installation >30' To 35', Add</i>	68.82	
<i>For Elevated Installation >35' To 40', Add</i>	86.02	
<i>For Elevated Installation >40', Add</i>	94.62	
<i>For Work In Restricted Working Space, Add</i>	51.61	
26 05 33 13-1257 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs <small>(26 05 33 13-0823)</small>		
26 05 33 13-1258 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	77.84	7.48
<i>For Elevated Installation >10' To 15', Add</i>	1.50	
<i>For Elevated Installation >15' To 20', Add</i>	2.99	
<i>For Elevated Installation >20' To 25', Add</i>	3.74	
<i>For Elevated Installation >25' To 30', Add</i>	5.24	
<i>For Elevated Installation >30' To 35', Add</i>	5.98	
<i>For Elevated Installation >35' To 40', Add</i>	7.48	
<i>For Elevated Installation >40', Add</i>	8.23	
<i>For Work In Restricted Working Space, Add</i>	4.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.49	
26 05 33 13-1259 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	84.23	9.35
<i>For Elevated Installation >10' To 15', Add</i>	1.87	
<i>For Elevated Installation >15' To 20', Add</i>	3.74	
<i>For Elevated Installation >20' To 25', Add</i>	4.68	
<i>For Elevated Installation >25' To 30', Add</i>	6.55	
<i>For Elevated Installation >30' To 35', Add</i>	7.48	
<i>For Elevated Installation >35' To 40', Add</i>	9.35	
<i>For Elevated Installation >40', Add</i>	10.29	
<i>For Work In Restricted Working Space, Add</i>	5.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33 13-1260 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	92.54	11.22
<i>For Elevated Installation >10' To 15', Add</i>	2.24	
<i>For Elevated Installation >15' To 20', Add</i>	4.49	
<i>For Elevated Installation >20' To 25', Add</i>	5.61	
<i>For Elevated Installation >25' To 30', Add</i>	7.85	
<i>For Elevated Installation >30' To 35', Add</i>	8.98	
<i>For Elevated Installation >35' To 40', Add</i>	11.22	
<i>For Elevated Installation >40', Add</i>	12.34	
<i>For Work In Restricted Working Space, Add</i>	6.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.73	
26 05 33 13-1261 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	104.56	13.72
<i>For Elevated Installation >10' To 15', Add</i>	2.74	
<i>For Elevated Installation >15' To 20', Add</i>	5.49	
<i>For Elevated Installation >20' To 25', Add</i>	6.86	
<i>For Elevated Installation >25' To 30', Add</i>	9.60	
<i>For Elevated Installation >30' To 35', Add</i>	10.97	
<i>For Elevated Installation >35' To 40', Add</i>	13.72	
<i>For Elevated Installation >40', Add</i>	15.09	
<i>For Work In Restricted Working Space, Add</i>	8.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 33 13-1262 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	141.02	15.58
<i>For Elevated Installation >10' To 15', Add</i>	3.12	
<i>For Elevated Installation >15' To 20', Add</i>	6.23	
<i>For Elevated Installation >20' To 25', Add</i>	7.79	
<i>For Elevated Installation >25' To 30', Add</i>	10.91	
<i>For Elevated Installation >30' To 35', Add</i>	12.46	
<i>For Elevated Installation >35' To 40', Add</i>	15.58	
<i>For Elevated Installation >40', Add</i>	17.14	
<i>For Work In Restricted Working Space, Add</i>	9.35	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1263 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	172.55	17.46
For Elevated Installation >10' To 15', Add	3.49	
For Elevated Installation >15' To 20', Add	6.98	
For Elevated Installation >20' To 25', Add	8.73	
For Elevated Installation >25' To 30', Add	12.22	
For Elevated Installation >30' To 35', Add	13.96	
For Elevated Installation >35' To 40', Add	17.46	
For Elevated Installation >40', Add	19.20	
For Work In Restricted Working Space, Add	10.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1264 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	247.43	21.81
For Elevated Installation >10' To 15', Add	4.36	
For Elevated Installation >15' To 20', Add	8.73	
For Elevated Installation >20' To 25', Add	10.91	
For Elevated Installation >25' To 30', Add	15.27	
For Elevated Installation >30' To 35', Add	17.45	
For Elevated Installation >35' To 40', Add	21.82	
For Elevated Installation >40', Add	24.00	
For Work In Restricted Working Space, Add	13.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.09	
26 05 33 13-1265 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	322.90	29.30
For Elevated Installation >10' To 15', Add	5.86	
For Elevated Installation >15' To 20', Add	11.72	
For Elevated Installation >20' To 25', Add	14.65	
For Elevated Installation >25' To 30', Add	20.51	
For Elevated Installation >30' To 35', Add	23.44	
For Elevated Installation >35' To 40', Add	29.30	
For Elevated Installation >40', Add	32.22	
For Work In Restricted Working Space, Add	17.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.58	
26 05 33 13-1266 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	412.89	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.21	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.12	
For Elevated Installation >30' To 35', Add	26.43	
For Elevated Installation >35' To 40', Add	33.04	
For Elevated Installation >40', Add	36.34	
For Work In Restricted Working Space, Add	19.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1267 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	519.09	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-1268 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	643.28	69.81
For Elevated Installation >10' To 15', Add	13.96	
For Elevated Installation >15' To 20', Add	27.92	
For Elevated Installation >20' To 25', Add	34.91	
For Elevated Installation >25' To 30', Add	48.87	
For Elevated Installation >30' To 35', Add	55.85	
For Elevated Installation >35' To 40', Add	69.81	
For Elevated Installation >40', Add	76.79	
For Work In Restricted Working Space, Add	41.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.89	
26 05 33 13-1269 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	970.17	105.34
For Elevated Installation >10' To 15', Add	21.07	
For Elevated Installation >15' To 20', Add	42.14	
For Elevated Installation >20' To 25', Add	52.67	
For Elevated Installation >25' To 30', Add	73.74	
For Elevated Installation >30' To 35', Add	84.28	
For Elevated Installation >35' To 40', Add	105.35	
For Elevated Installation >40', Add	115.88	
For Work In Restricted Working Space, Add	63.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.21	

26 05 33 13-1270 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs (26 05 33 13-0823)

26 05 33 13-1271 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	117.84	7.48
For Elevated Installation >10' To 15', Add	1.50	
For Elevated Installation >15' To 20', Add	2.99	
For Elevated Installation >20' To 25', Add	3.74	
For Elevated Installation >25' To 30', Add	5.24	
For Elevated Installation >30' To 35', Add	5.98	
For Elevated Installation >35' To 40', Add	7.48	
For Elevated Installation >40', Add	8.23	
For Work In Restricted Working Space, Add	4.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.49	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST
26 05 33 13-1272	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	124.52	9.35
		For Elevated Installation >10' To 15', Add	1.87	
		For Elevated Installation >15' To 20', Add	3.74	
		For Elevated Installation >20' To 25', Add	4.68	
		For Elevated Installation >25' To 30', Add	6.55	
		For Elevated Installation >30' To 35', Add	7.48	
		For Elevated Installation >35' To 40', Add	9.35	
		For Elevated Installation >40', Add	10.29	
		For Work In Restricted Working Space, Add	5.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	
26 05 33 13-1273	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	133.71	11.22
		For Elevated Installation >10' To 15', Add	2.24	
		For Elevated Installation >15' To 20', Add	4.49	
		For Elevated Installation >20' To 25', Add	5.61	
		For Elevated Installation >25' To 30', Add	7.85	
		For Elevated Installation >30' To 35', Add	8.98	
		For Elevated Installation >35' To 40', Add	11.22	
		For Elevated Installation >40', Add	12.34	
		For Work In Restricted Working Space, Add	6.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.73	
26 05 33 13-1274	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	152.57	13.72
		For Elevated Installation >10' To 15', Add	2.74	
		For Elevated Installation >15' To 20', Add	5.49	
		For Elevated Installation >20' To 25', Add	6.86	
		For Elevated Installation >25' To 30', Add	9.60	
		For Elevated Installation >30' To 35', Add	10.97	
		For Elevated Installation >35' To 40', Add	13.72	
		For Elevated Installation >40', Add	15.09	
		For Work In Restricted Working Space, Add	8.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1275	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	163.68	15.58
		For Elevated Installation >10' To 15', Add	3.12	
		For Elevated Installation >15' To 20', Add	6.23	
		For Elevated Installation >20' To 25', Add	7.79	
		For Elevated Installation >25' To 30', Add	10.91	
		For Elevated Installation >30' To 35', Add	12.46	
		For Elevated Installation >35' To 40', Add	15.58	
		For Elevated Installation >40', Add	17.14	
		For Work In Restricted Working Space, Add	9.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1276	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	185.17	17.46
		For Elevated Installation >10' To 15', Add	3.49	
		For Elevated Installation >15' To 20', Add	6.98	
		For Elevated Installation >20' To 25', Add	8.73	
		For Elevated Installation >25' To 30', Add	12.22	
		For Elevated Installation >30' To 35', Add	13.96	
		For Elevated Installation >35' To 40', Add	17.46	
		For Elevated Installation >40', Add	19.20	
		For Work In Restricted Working Space, Add	10.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1277	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	282.86	21.81
		For Elevated Installation >10' To 15', Add	4.36	
		For Elevated Installation >15' To 20', Add	8.73	
		For Elevated Installation >20' To 25', Add	10.91	
		For Elevated Installation >25' To 30', Add	15.27	
		For Elevated Installation >30' To 35', Add	17.45	
		For Elevated Installation >35' To 40', Add	21.82	
		For Elevated Installation >40', Add	24.00	
		For Work In Restricted Working Space, Add	13.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.09	
26 05 33 13-1278	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	338.18	29.30
		For Elevated Installation >10' To 15', Add	5.86	
		For Elevated Installation >15' To 20', Add	11.72	
		For Elevated Installation >20' To 25', Add	14.65	
		For Elevated Installation >25' To 30', Add	20.51	
		For Elevated Installation >30' To 35', Add	23.44	
		For Elevated Installation >35' To 40', Add	29.30	
		For Elevated Installation >40', Add	32.22	
		For Work In Restricted Working Space, Add	17.58	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.58	
26 05 33 13-1279	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	416.19	33.04
		For Elevated Installation >10' To 15', Add	6.61	
		For Elevated Installation >15' To 20', Add	13.21	
		For Elevated Installation >20' To 25', Add	16.52	
		For Elevated Installation >25' To 30', Add	23.12	
		For Elevated Installation >30' To 35', Add	26.43	
		For Elevated Installation >35' To 40', Add	33.04	
		For Elevated Installation >40', Add	36.34	
		For Work In Restricted Working Space, Add	19.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1280	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	540.39	43.01
		For Elevated Installation >10' To 15', Add	8.60	
		For Elevated Installation >15' To 20', Add	17.20	
		For Elevated Installation >20' To 25', Add	21.50	
		For Elevated Installation >25' To 30', Add	30.10	
		For Elevated Installation >30' To 35', Add	34.40	
		For Elevated Installation >35' To 40', Add	43.01	
		For Elevated Installation >40', Add	47.31	
		For Work In Restricted Working Space, Add	25.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1281	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	840.28	69.81
		<i>For Elevated Installation >10' To 15', Add</i>	13.96	
		<i>For Elevated Installation >15' To 20', Add</i>	27.92	
		<i>For Elevated Installation >20' To 25', Add</i>	34.91	
		<i>For Elevated Installation >25' To 30', Add</i>	48.87	
		<i>For Elevated Installation >30' To 35', Add</i>	55.85	
		<i>For Elevated Installation >35' To 40', Add</i>	69.81	
		<i>For Elevated Installation >40', Add</i>	76.79	
		<i>For Work In Restricted Working Space, Add</i>	41.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.89	
26 05 33 13-1282	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	1,376.16	105.34
		<i>For Elevated Installation >10' To 15', Add</i>	21.07	
		<i>For Elevated Installation >15' To 20', Add</i>	42.14	
		<i>For Elevated Installation >20' To 25', Add</i>	52.67	
		<i>For Elevated Installation >25' To 30', Add</i>	73.74	
		<i>For Elevated Installation >30' To 35', Add</i>	84.28	
		<i>For Elevated Installation >35' To 40', Add</i>	105.35	
		<i>For Elevated Installation >40', Add</i>	115.88	
		<i>For Work In Restricted Working Space, Add</i>	63.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.21	

26 05 33 13-1283 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs (26 05 33 13-0823)

26 05 33 13-1284	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	126.73	7.48
		<i>For Elevated Installation >10' To 15', Add</i>	1.50	
		<i>For Elevated Installation >15' To 20', Add</i>	2.99	
		<i>For Elevated Installation >20' To 25', Add</i>	3.74	
		<i>For Elevated Installation >25' To 30', Add</i>	5.24	
		<i>For Elevated Installation >30' To 35', Add</i>	5.98	
		<i>For Elevated Installation >35' To 40', Add</i>	7.48	
		<i>For Elevated Installation >40', Add</i>	8.23	
		<i>For Work In Restricted Working Space, Add</i>	4.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.49	
26 05 33 13-1285	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	132.96	9.35
		<i>For Elevated Installation >10' To 15', Add</i>	1.87	
		<i>For Elevated Installation >15' To 20', Add</i>	3.74	
		<i>For Elevated Installation >20' To 25', Add</i>	4.68	
		<i>For Elevated Installation >25' To 30', Add</i>	6.55	
		<i>For Elevated Installation >30' To 35', Add</i>	7.48	
		<i>For Elevated Installation >35' To 40', Add</i>	9.35	
		<i>For Elevated Installation >40', Add</i>	10.29	
		<i>For Work In Restricted Working Space, Add</i>	5.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33 13-1286	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	142.53	11.22
		<i>For Elevated Installation >10' To 15', Add</i>	2.24	
		<i>For Elevated Installation >15' To 20', Add</i>	4.49	
		<i>For Elevated Installation >20' To 25', Add</i>	5.61	
		<i>For Elevated Installation >25' To 30', Add</i>	7.85	
		<i>For Elevated Installation >30' To 35', Add</i>	8.98	
		<i>For Elevated Installation >35' To 40', Add</i>	11.22	
		<i>For Elevated Installation >40', Add</i>	12.34	
		<i>For Work In Restricted Working Space, Add</i>	6.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.73	
26 05 33 13-1287	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	179.34	13.72
		<i>For Elevated Installation >10' To 15', Add</i>	2.74	
		<i>For Elevated Installation >15' To 20', Add</i>	5.49	
		<i>For Elevated Installation >20' To 25', Add</i>	6.86	
		<i>For Elevated Installation >25' To 30', Add</i>	9.60	
		<i>For Elevated Installation >30' To 35', Add</i>	10.97	
		<i>For Elevated Installation >35' To 40', Add</i>	13.72	
		<i>For Elevated Installation >40', Add</i>	15.09	
		<i>For Work In Restricted Working Space, Add</i>	8.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 33 13-1288	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	196.01	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-1289	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	207.48	17.46
		<i>For Elevated Installation >10' To 15', Add</i>	3.49	
		<i>For Elevated Installation >15' To 20', Add</i>	6.98	
		<i>For Elevated Installation >20' To 25', Add</i>	8.73	
		<i>For Elevated Installation >25' To 30', Add</i>	12.22	
		<i>For Elevated Installation >30' To 35', Add</i>	13.96	
		<i>For Elevated Installation >35' To 40', Add</i>	17.46	
		<i>For Elevated Installation >40', Add</i>	19.20	
		<i>For Work In Restricted Working Space, Add</i>	10.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47	

26 05 33 13-1290 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions (26 05 33 13-0823)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1291 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	92.87	15.58
For Elevated Installation >10' To 15', Add	3.12	
For Elevated Installation >15' To 20', Add	6.23	
For Elevated Installation >20' To 25', Add	7.79	
For Elevated Installation >25' To 30', Add	10.91	
For Elevated Installation >30' To 35', Add	12.46	
For Elevated Installation >35' To 40', Add	15.58	
For Elevated Installation >40', Add	17.14	
For Work In Restricted Working Space, Add	9.35	
26 05 33 13-1292 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	101.48	19.32
For Elevated Installation >10' To 15', Add	3.87	
For Elevated Installation >15' To 20', Add	7.73	
For Elevated Installation >20' To 25', Add	9.66	
For Elevated Installation >25' To 30', Add	13.53	
For Elevated Installation >30' To 35', Add	15.46	
For Elevated Installation >35' To 40', Add	19.33	
For Elevated Installation >40', Add	21.26	
For Work In Restricted Working Space, Add	11.60	
26 05 33 13-1293 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	131.61	23.69
For Elevated Installation >10' To 15', Add	4.74	
For Elevated Installation >15' To 20', Add	9.48	
For Elevated Installation >20' To 25', Add	11.85	
For Elevated Installation >25' To 30', Add	16.58	
For Elevated Installation >30' To 35', Add	18.95	
For Elevated Installation >35' To 40', Add	23.69	
For Elevated Installation >40', Add	26.06	
For Work In Restricted Working Space, Add	14.21	
26 05 33 13-1294 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	190.41	27.43
For Elevated Installation >10' To 15', Add	5.49	
For Elevated Installation >15' To 20', Add	10.97	
For Elevated Installation >20' To 25', Add	13.71	
For Elevated Installation >25' To 30', Add	19.20	
For Elevated Installation >30' To 35', Add	21.94	
For Elevated Installation >35' To 40', Add	27.43	
For Elevated Installation >40', Add	30.17	
For Work In Restricted Working Space, Add	16.46	
26 05 33 13-1295 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	225.85	31.16
For Elevated Installation >10' To 15', Add	6.23	
For Elevated Installation >15' To 20', Add	12.47	
For Elevated Installation >20' To 25', Add	15.59	
For Elevated Installation >25' To 30', Add	21.82	
For Elevated Installation >30' To 35', Add	24.94	
For Elevated Installation >35' To 40', Add	31.17	
For Elevated Installation >40', Add	34.29	
For Work In Restricted Working Space, Add	18.70	
26 05 33 13-1296 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	286.47	34.28
For Elevated Installation >10' To 15', Add	6.86	
For Elevated Installation >15' To 20', Add	13.71	
For Elevated Installation >20' To 25', Add	17.14	
For Elevated Installation >25' To 30', Add	24.00	
For Elevated Installation >30' To 35', Add	27.43	
For Elevated Installation >35' To 40', Add	34.29	
For Elevated Installation >40', Add	37.71	
For Work In Restricted Working Space, Add	20.57	
26 05 33 13-1297 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	381.02	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
26 05 33 13-1298 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	492.72	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
26 05 33 13-1299 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	636.64	66.07
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
For Work In Restricted Working Space, Add	39.65	
26 05 33 13-1300 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	819.82	86.01
For Elevated Installation >10' To 15', Add	17.20	
For Elevated Installation >15' To 20', Add	34.41	
For Elevated Installation >20' To 25', Add	43.01	
For Elevated Installation >25' To 30', Add	60.21	
For Elevated Installation >30' To 35', Add	68.82	
For Elevated Installation >35' To 40', Add	86.02	
For Elevated Installation >40', Add	94.62	
For Work In Restricted Working Space, Add	51.61	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1301	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,491.27 28.05 56.10 70.13 98.18 112.20 140.25 154.28 84.15	140.24
26 05 33 13-1302	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,863.39 42.14 84.27 105.34 147.48 168.55 210.69 231.75 126.41	210.69
26 05 33 13-1303 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions (26 05 33 13-082.3)			
26 05 33 13-1304	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	94.95 3.12 6.23 7.79 10.91 12.46 15.58 17.14 9.35	15.58
26 05 33 13-1305	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	109.42 3.87 7.73 9.66 13.53 15.46 19.33 21.26 11.60	19.32
26 05 33 13-1306	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	135.84 4.74 9.48 11.85 16.58 18.95 23.69 26.06 14.21	23.69
26 05 33 13-1307	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	198.18 5.49 10.97 13.71 19.20 21.94 27.43 30.17 16.46	27.43
26 05 33 13-1308	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	236.63 6.23 12.47 15.59 21.82 24.94 31.17 34.29 18.70	31.16
26 05 33 13-1309	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	309.76 6.86 13.71 17.14 24.00 27.43 34.29 37.71 20.57	34.28
26 05 33 13-1310	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i>	430.84 8.60 17.20 21.50 30.10 34.40 43.01 47.31 25.80	43.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1311	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	543.38	43.01
	For Elevated Installation >10' To 15', Add	8.60	
	For Elevated Installation >15' To 20', Add	17.20	
	For Elevated Installation >20' To 25', Add	21.50	
	For Elevated Installation >25' To 30', Add	30.10	
	For Elevated Installation >30' To 35', Add	34.40	
	For Elevated Installation >35' To 40', Add	43.01	
	For Elevated Installation >40', Add	47.31	
	For Work In Restricted Working Space, Add	25.80	
26 05 33 13-1312	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	728.24	66.07
	For Elevated Installation >10' To 15', Add	13.22	
	For Elevated Installation >15' To 20', Add	26.43	
	For Elevated Installation >20' To 25', Add	33.04	
	For Elevated Installation >25' To 30', Add	46.25	
	For Elevated Installation >30' To 35', Add	52.86	
	For Elevated Installation >35' To 40', Add	66.08	
	For Elevated Installation >40', Add	72.68	
	For Work In Restricted Working Space, Add	39.65	
26 05 33 13-1313	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	911.08	86.01
	For Elevated Installation >10' To 15', Add	17.20	
	For Elevated Installation >15' To 20', Add	34.41	
	For Elevated Installation >20' To 25', Add	43.01	
	For Elevated Installation >25' To 30', Add	60.21	
	For Elevated Installation >30' To 35', Add	68.82	
	For Elevated Installation >35' To 40', Add	86.02	
	For Elevated Installation >40', Add	94.62	
	For Work In Restricted Working Space, Add	51.61	
26 05 33 13-1314	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,658.56	140.24
	For Elevated Installation >10' To 15', Add	28.05	
	For Elevated Installation >15' To 20', Add	56.10	
	For Elevated Installation >20' To 25', Add	70.13	
	For Elevated Installation >25' To 30', Add	98.18	
	For Elevated Installation >30' To 35', Add	112.20	
	For Elevated Installation >35' To 40', Add	140.25	
	For Elevated Installation >40', Add	154.28	
	For Work In Restricted Working Space, Add	84.15	
26 05 33 13-1315	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	2,133.51	210.69
	For Elevated Installation >10' To 15', Add	42.14	
	For Elevated Installation >15' To 20', Add	84.27	
	For Elevated Installation >20' To 25', Add	105.34	
	For Elevated Installation >25' To 30', Add	147.48	
	For Elevated Installation >30' To 35', Add	168.55	
	For Elevated Installation >35' To 40', Add	210.69	
	For Elevated Installation >40', Add	231.75	
	For Work In Restricted Working Space, Add	126.41	

26 05 33 13-1316 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings (26 05 33 13-0823)

26 05 33 13-1317	EA 3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	1,658.56	4.99
	For Elevated Installation >10' To 15', Add	1.00	
	For Elevated Installation >15' To 20', Add	1.99	
	For Elevated Installation >20' To 25', Add	2.49	
	For Elevated Installation >25' To 30', Add	3.49	
	For Elevated Installation >30' To 35', Add	3.99	
	For Elevated Installation >35' To 40', Add	4.99	
	For Elevated Installation >40', Add	5.48	
	For Work In Restricted Working Space, Add	2.99	
26 05 33 13-1318	EA 1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	56.72	6.23
	For Elevated Installation >10' To 15', Add	1.25	
	For Elevated Installation >15' To 20', Add	2.49	
	For Elevated Installation >20' To 25', Add	3.12	
	For Elevated Installation >25' To 30', Add	4.36	
	For Elevated Installation >30' To 35', Add	4.99	
	For Elevated Installation >35' To 40', Add	6.24	
	For Elevated Installation >40', Add	6.86	
	For Work In Restricted Working Space, Add	3.74	
26 05 33 13-1319	EA 1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	64.52	6.23
	For Elevated Installation >10' To 15', Add	1.25	
	For Elevated Installation >15' To 20', Add	2.49	
	For Elevated Installation >20' To 25', Add	3.12	
	For Elevated Installation >25' To 30', Add	4.36	
	For Elevated Installation >30' To 35', Add	4.99	
	For Elevated Installation >35' To 40', Add	6.24	
	For Elevated Installation >40', Add	6.86	
	For Work In Restricted Working Space, Add	3.74	
26 05 33 13-1320	EA 1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	79.75	6.85
	For Elevated Installation >10' To 15', Add	1.37	
	For Elevated Installation >15' To 20', Add	2.74	
	For Elevated Installation >20' To 25', Add	3.43	
	For Elevated Installation >25' To 30', Add	4.80	
	For Elevated Installation >30' To 35', Add	5.48	
	For Elevated Installation >35' To 40', Add	6.86	
	For Elevated Installation >40', Add	7.54	
	For Work In Restricted Working Space, Add	4.11	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1321	EA	1-1/4"	x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	84.24	6.85
			<i>For Elevated Installation >10' To 15', Add</i>	1.37	
			<i>For Elevated Installation >15' To 20', Add</i>	2.74	
			<i>For Elevated Installation >20' To 25', Add</i>	3.43	
			<i>For Elevated Installation >25' To 30', Add</i>	4.80	
			<i>For Elevated Installation >30' To 35', Add</i>	5.48	
			<i>For Elevated Installation >35' To 40', Add</i>	6.86	
			<i>For Elevated Installation >40', Add</i>	7.54	
			<i>For Work In Restricted Working Space, Add</i>	4.11	
26 05 33 13-1322	EA	1-1/2"	x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	72.31	8.11
			<i>For Elevated Installation >10' To 15', Add</i>	1.62	
			<i>For Elevated Installation >15' To 20', Add</i>	3.24	
			<i>For Elevated Installation >20' To 25', Add</i>	4.05	
			<i>For Elevated Installation >25' To 30', Add</i>	5.67	
			<i>For Elevated Installation >30' To 35', Add</i>	6.48	
			<i>For Elevated Installation >35' To 40', Add</i>	8.10	
			<i>For Elevated Installation >40', Add</i>	8.91	
			<i>For Work In Restricted Working Space, Add</i>	4.86	
26 05 33 13-1323	EA	1-1/2"	x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	82.35	8.11
			<i>For Elevated Installation >10' To 15', Add</i>	1.62	
			<i>For Elevated Installation >15' To 20', Add</i>	3.24	
			<i>For Elevated Installation >20' To 25', Add</i>	4.05	
			<i>For Elevated Installation >25' To 30', Add</i>	5.67	
			<i>For Elevated Installation >30' To 35', Add</i>	6.48	
			<i>For Elevated Installation >35' To 40', Add</i>	8.10	
			<i>For Elevated Installation >40', Add</i>	8.91	
			<i>For Work In Restricted Working Space, Add</i>	4.86	
26 05 33 13-1324	EA	1-1/2"	x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	127.52	8.11
			<i>For Elevated Installation >10' To 15', Add</i>	1.62	
			<i>For Elevated Installation >15' To 20', Add</i>	3.24	
			<i>For Elevated Installation >20' To 25', Add</i>	4.05	
			<i>For Elevated Installation >25' To 30', Add</i>	5.67	
			<i>For Elevated Installation >30' To 35', Add</i>	6.48	
			<i>For Elevated Installation >35' To 40', Add</i>	8.10	
			<i>For Elevated Installation >40', Add</i>	8.91	
			<i>For Work In Restricted Working Space, Add</i>	4.86	
26 05 33 13-1325	EA	2"	x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	141.76	9.35
			<i>For Elevated Installation >10' To 15', Add</i>	1.87	
			<i>For Elevated Installation >15' To 20', Add</i>	3.74	
			<i>For Elevated Installation >20' To 25', Add</i>	4.68	
			<i>For Elevated Installation >25' To 30', Add</i>	6.55	
			<i>For Elevated Installation >30' To 35', Add</i>	7.48	
			<i>For Elevated Installation >35' To 40', Add</i>	9.35	
			<i>For Elevated Installation >40', Add</i>	10.29	
			<i>For Work In Restricted Working Space, Add</i>	5.61	
26 05 33 13-1326	EA	2"	x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	137.86	9.35
			<i>For Elevated Installation >10' To 15', Add</i>	1.87	
			<i>For Elevated Installation >15' To 20', Add</i>	3.74	
			<i>For Elevated Installation >20' To 25', Add</i>	4.68	
			<i>For Elevated Installation >25' To 30', Add</i>	6.55	
			<i>For Elevated Installation >30' To 35', Add</i>	7.48	
			<i>For Elevated Installation >35' To 40', Add</i>	9.35	
			<i>For Elevated Installation >40', Add</i>	10.29	
			<i>For Work In Restricted Working Space, Add</i>	5.61	
26 05 33 13-1327	EA	2"	x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	145.10	9.35
			<i>For Elevated Installation >10' To 15', Add</i>	1.87	
			<i>For Elevated Installation >15' To 20', Add</i>	3.74	
			<i>For Elevated Installation >20' To 25', Add</i>	4.68	
			<i>For Elevated Installation >25' To 30', Add</i>	6.55	
			<i>For Elevated Installation >30' To 35', Add</i>	7.48	
			<i>For Elevated Installation >35' To 40', Add</i>	9.35	
			<i>For Elevated Installation >40', Add</i>	10.29	
			<i>For Work In Restricted Working Space, Add</i>	5.61	
26 05 33 13-1328	EA	2"	x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	163.32	9.35
			<i>For Elevated Installation >10' To 15', Add</i>	1.87	
			<i>For Elevated Installation >15' To 20', Add</i>	3.74	
			<i>For Elevated Installation >20' To 25', Add</i>	4.68	
			<i>For Elevated Installation >25' To 30', Add</i>	6.55	
			<i>For Elevated Installation >30' To 35', Add</i>	7.48	
			<i>For Elevated Installation >35' To 40', Add</i>	9.35	
			<i>For Elevated Installation >40', Add</i>	10.29	
			<i>For Work In Restricted Working Space, Add</i>	5.61	
26 05 33 13-1329	EA	2-1/2"	x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	162.16	11.22
			<i>For Elevated Installation >10' To 15', Add</i>	2.24	
			<i>For Elevated Installation >15' To 20', Add</i>	4.49	
			<i>For Elevated Installation >20' To 25', Add</i>	5.61	
			<i>For Elevated Installation >25' To 30', Add</i>	7.85	
			<i>For Elevated Installation >30' To 35', Add</i>	8.98	
			<i>For Elevated Installation >35' To 40', Add</i>	11.22	
			<i>For Elevated Installation >40', Add</i>	12.34	
			<i>For Work In Restricted Working Space, Add</i>	6.73	
26 05 33 13-1330	EA	3"	x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	206.75	15.58
			<i>For Elevated Installation >10' To 15', Add</i>	3.12	
			<i>For Elevated Installation >15' To 20', Add</i>	6.23	
			<i>For Elevated Installation >20' To 25', Add</i>	7.79	
			<i>For Elevated Installation >25' To 30', Add</i>	10.91	
			<i>For Elevated Installation >30' To 35', Add</i>	12.47	
			<i>For Elevated Installation >35' To 40', Add</i>	15.59	
			<i>For Elevated Installation >40', Add</i>	17.14	
			<i>For Work In Restricted Working Space, Add</i>	9.35	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1331	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	304.52	18.08
		For Elevated Installation >10' To 15', Add	3.62	
		For Elevated Installation >15' To 20', Add	7.23	
		For Elevated Installation >20' To 25', Add	9.04	
		For Elevated Installation >25' To 30', Add	12.65	
		For Elevated Installation >30' To 35', Add	14.46	
		For Elevated Installation >35' To 40', Add	18.08	
		For Elevated Installation >40', Add	19.88	
		For Work In Restricted Working Space, Add	10.85	
26 05 33 13-1332	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	407.42	24.93
		For Elevated Installation >10' To 15', Add	4.99	
		For Elevated Installation >15' To 20', Add	9.97	
		For Elevated Installation >20' To 25', Add	12.47	
		For Elevated Installation >25' To 30', Add	17.45	
		For Elevated Installation >30' To 35', Add	19.95	
		For Elevated Installation >35' To 40', Add	24.94	
		For Elevated Installation >40', Add	27.43	
		For Work In Restricted Working Space, Add	14.96	
26 05 33 13-1333	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	509.42	34.28
		For Elevated Installation >10' To 15', Add	6.86	
		For Elevated Installation >15' To 20', Add	13.71	
		For Elevated Installation >20' To 25', Add	17.14	
		For Elevated Installation >25' To 30', Add	24.00	
		For Elevated Installation >30' To 35', Add	27.43	
		For Elevated Installation >35' To 40', Add	34.29	
		For Elevated Installation >40', Add	37.71	
		For Work In Restricted Working Space, Add	20.57	

26 05 33 13-1334 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples (26 05 33 13-0823)

26 05 33 13-1335	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	32.46	7.48
		For Elevated Installation >10' To 15', Add	1.50	
		For Elevated Installation >15' To 20', Add	2.99	
		For Elevated Installation >20' To 25', Add	3.74	
		For Elevated Installation >25' To 30', Add	5.24	
		For Elevated Installation >30' To 35', Add	5.98	
		For Elevated Installation >35' To 40', Add	7.48	
		For Elevated Installation >40', Add	8.23	
		For Work In Restricted Working Space, Add	4.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.49	
26 05 33 13-1336	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	36.54	9.35
		For Elevated Installation >10' To 15', Add	1.87	
		For Elevated Installation >15' To 20', Add	3.74	
		For Elevated Installation >20' To 25', Add	4.68	
		For Elevated Installation >25' To 30', Add	6.55	
		For Elevated Installation >30' To 35', Add	7.48	
		For Elevated Installation >35' To 40', Add	9.35	
		For Elevated Installation >40', Add	10.29	
		For Work In Restricted Working Space, Add	5.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	
26 05 33 13-1337	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.51	11.84
		For Elevated Installation >10' To 15', Add	2.37	
		For Elevated Installation >15' To 20', Add	4.74	
		For Elevated Installation >20' To 25', Add	5.92	
		For Elevated Installation >25' To 30', Add	8.29	
		For Elevated Installation >30' To 35', Add	9.48	
		For Elevated Installation >35' To 40', Add	11.85	
		For Elevated Installation >40', Add	13.03	
		For Work In Restricted Working Space, Add	7.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.11	
26 05 33 13-1338	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.57	13.72
		For Elevated Installation >10' To 15', Add	2.74	
		For Elevated Installation >15' To 20', Add	5.49	
		For Elevated Installation >20' To 25', Add	6.86	
		For Elevated Installation >25' To 30', Add	9.60	
		For Elevated Installation >30' To 35', Add	10.97	
		For Elevated Installation >35' To 40', Add	13.72	
		For Elevated Installation >40', Add	15.09	
		For Work In Restricted Working Space, Add	8.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1339	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	55.06	15.58
		For Elevated Installation >10' To 15', Add	3.12	
		For Elevated Installation >15' To 20', Add	6.23	
		For Elevated Installation >20' To 25', Add	7.79	
		For Elevated Installation >25' To 30', Add	10.91	
		For Elevated Installation >30' To 35', Add	12.46	
		For Elevated Installation >35' To 40', Add	15.58	
		For Elevated Installation >40', Add	17.14	
		For Work In Restricted Working Space, Add	9.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1340	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.95	8.11
		For Elevated Installation >10' To 15', Add	1.62	
		For Elevated Installation >15' To 20', Add	3.24	
		For Elevated Installation >20' To 25', Add	4.05	
		For Elevated Installation >25' To 30', Add	5.67	
		For Elevated Installation >30' To 35', Add	6.48	
		For Elevated Installation >35' To 40', Add	8.10	
		For Elevated Installation >40', Add	8.91	
		For Work In Restricted Working Space, Add	4.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.86	
26 05 33 13-1341	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.93	9.35
		For Elevated Installation >10' To 15', Add	1.87	
		For Elevated Installation >15' To 20', Add	3.74	
		For Elevated Installation >20' To 25', Add	4.68	
		For Elevated Installation >25' To 30', Add	6.55	
		For Elevated Installation >30' To 35', Add	7.48	
		For Elevated Installation >35' To 40', Add	9.35	
		For Elevated Installation >40', Add	10.29	
		For Work In Restricted Working Space, Add	5.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	
26 05 33 13-1342	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.92	11.84
		For Elevated Installation >10' To 15', Add	2.37	
		For Elevated Installation >15' To 20', Add	4.74	
		For Elevated Installation >20' To 25', Add	5.92	
		For Elevated Installation >25' To 30', Add	8.29	
		For Elevated Installation >30' To 35', Add	9.48	
		For Elevated Installation >35' To 40', Add	11.85	
		For Elevated Installation >40', Add	13.03	
		For Work In Restricted Working Space, Add	7.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.11	
26 05 33 13-1343	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.13	13.72
		For Elevated Installation >10' To 15', Add	2.74	
		For Elevated Installation >15' To 20', Add	5.49	
		For Elevated Installation >20' To 25', Add	6.86	
		For Elevated Installation >25' To 30', Add	9.60	
		For Elevated Installation >30' To 35', Add	10.97	
		For Elevated Installation >35' To 40', Add	13.72	
		For Elevated Installation >40', Add	15.09	
		For Work In Restricted Working Space, Add	8.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1344	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.82	15.58
		For Elevated Installation >10' To 15', Add	3.12	
		For Elevated Installation >15' To 20', Add	6.23	
		For Elevated Installation >20' To 25', Add	7.79	
		For Elevated Installation >25' To 30', Add	10.91	
		For Elevated Installation >30' To 35', Add	12.46	
		For Elevated Installation >35' To 40', Add	15.58	
		For Elevated Installation >40', Add	17.14	
		For Work In Restricted Working Space, Add	9.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1345	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.76	17.46
		For Elevated Installation >10' To 15', Add	3.49	
		For Elevated Installation >15' To 20', Add	6.98	
		For Elevated Installation >20' To 25', Add	8.73	
		For Elevated Installation >25' To 30', Add	12.22	
		For Elevated Installation >30' To 35', Add	13.96	
		For Elevated Installation >35' To 40', Add	17.46	
		For Elevated Installation >40', Add	19.20	
		For Work In Restricted Working Space, Add	10.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1346	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	36.12	8.11
		For Elevated Installation >10' To 15', Add	1.62	
		For Elevated Installation >15' To 20', Add	3.24	
		For Elevated Installation >20' To 25', Add	4.05	
		For Elevated Installation >25' To 30', Add	5.67	
		For Elevated Installation >30' To 35', Add	6.48	
		For Elevated Installation >35' To 40', Add	8.10	
		For Elevated Installation >40', Add	8.91	
		For Work In Restricted Working Space, Add	4.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.86	
26 05 33 13-1347	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.09	9.35
		For Elevated Installation >10' To 15', Add	1.87	
		For Elevated Installation >15' To 20', Add	3.74	
		For Elevated Installation >20' To 25', Add	4.68	
		For Elevated Installation >25' To 30', Add	6.55	
		For Elevated Installation >30' To 35', Add	7.48	
		For Elevated Installation >35' To 40', Add	9.35	
		For Elevated Installation >40', Add	10.29	
		For Work In Restricted Working Space, Add	5.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	
26 05 33 13-1348	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.23	11.84
		For Elevated Installation >10' To 15', Add	2.37	
		For Elevated Installation >15' To 20', Add	4.74	
		For Elevated Installation >20' To 25', Add	5.92	
		For Elevated Installation >25' To 30', Add	8.29	
		For Elevated Installation >30' To 35', Add	9.48	
		For Elevated Installation >35' To 40', Add	11.85	
		For Elevated Installation >40', Add	13.03	
		For Work In Restricted Working Space, Add	7.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1349	EA	1-1/4" x 3"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	53.47	13.72
			For Elevated Installation >10' To 15', Add	2.74	
			For Elevated Installation >15' To 20', Add	5.49	
			For Elevated Installation >20' To 25', Add	6.86	
			For Elevated Installation >25' To 30', Add	9.60	
			For Elevated Installation >30' To 35', Add	10.97	
			For Elevated Installation >35' To 40', Add	13.72	
			For Elevated Installation >40', Add	15.09	
			For Work In Restricted Working Space, Add	8.23	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1350	EA	1-1/2" x 3"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	58.15	15.58
			For Elevated Installation >10' To 15', Add	3.12	
			For Elevated Installation >15' To 20', Add	6.23	
			For Elevated Installation >20' To 25', Add	7.79	
			For Elevated Installation >25' To 30', Add	10.91	
			For Elevated Installation >30' To 35', Add	12.46	
			For Elevated Installation >35' To 40', Add	15.58	
			For Elevated Installation >40', Add	17.14	
			For Work In Restricted Working Space, Add	9.35	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1351	EA	2" x 3"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	63.61	17.46
			For Elevated Installation >10' To 15', Add	3.49	
			For Elevated Installation >15' To 20', Add	6.98	
			For Elevated Installation >20' To 25', Add	8.73	
			For Elevated Installation >25' To 30', Add	12.22	
			For Elevated Installation >30' To 35', Add	13.96	
			For Elevated Installation >35' To 40', Add	17.45	
			For Elevated Installation >40', Add	19.20	
			For Work In Restricted Working Space, Add	10.47	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1352	EA	1/2" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.39	8.11
			For Elevated Installation >10' To 15', Add	1.62	
			For Elevated Installation >15' To 20', Add	3.24	
			For Elevated Installation >20' To 25', Add	4.05	
			For Elevated Installation >25' To 30', Add	5.67	
			For Elevated Installation >30' To 35', Add	6.48	
			For Elevated Installation >35' To 40', Add	8.10	
			For Elevated Installation >40', Add	8.91	
			For Work In Restricted Working Space, Add	4.86	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.86	
26 05 33 13-1353	EA	3/4" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.37	9.35
			For Elevated Installation >10' To 15', Add	1.87	
			For Elevated Installation >15' To 20', Add	3.74	
			For Elevated Installation >20' To 25', Add	4.68	
			For Elevated Installation >25' To 30', Add	6.55	
			For Elevated Installation >30' To 35', Add	7.48	
			For Elevated Installation >35' To 40', Add	9.35	
			For Elevated Installation >40', Add	10.29	
			For Work In Restricted Working Space, Add	5.61	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	
26 05 33 13-1354	EA	1" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.67	11.84
			For Elevated Installation >10' To 15', Add	2.37	
			For Elevated Installation >15' To 20', Add	4.74	
			For Elevated Installation >20' To 25', Add	5.92	
			For Elevated Installation >25' To 30', Add	8.29	
			For Elevated Installation >30' To 35', Add	9.48	
			For Elevated Installation >35' To 40', Add	11.85	
			For Elevated Installation >40', Add	13.03	
			For Work In Restricted Working Space, Add	7.11	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.11	
26 05 33 13-1355	EA	1-1/4" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	54.85	13.72
			For Elevated Installation >10' To 15', Add	2.74	
			For Elevated Installation >15' To 20', Add	5.49	
			For Elevated Installation >20' To 25', Add	6.86	
			For Elevated Installation >25' To 30', Add	9.60	
			For Elevated Installation >30' To 35', Add	10.97	
			For Elevated Installation >35' To 40', Add	13.72	
			For Elevated Installation >40', Add	15.09	
			For Work In Restricted Working Space, Add	8.23	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1356	EA	1-1/2" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.68	15.58
			For Elevated Installation >10' To 15', Add	3.12	
			For Elevated Installation >15' To 20', Add	6.23	
			For Elevated Installation >20' To 25', Add	7.79	
			For Elevated Installation >25' To 30', Add	10.91	
			For Elevated Installation >30' To 35', Add	12.46	
			For Elevated Installation >35' To 40', Add	15.58	
			For Elevated Installation >40', Add	17.14	
			For Work In Restricted Working Space, Add	9.35	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1357	EA	2" x 3-1/2"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	66.29	17.46
			For Elevated Installation >10' To 15', Add	3.49	
			For Elevated Installation >15' To 20', Add	6.98	
			For Elevated Installation >20' To 25', Add	8.73	
			For Elevated Installation >25' To 30', Add	12.22	
			For Elevated Installation >30' To 35', Add	13.96	
			For Elevated Installation >35' To 40', Add	17.45	
			For Elevated Installation >40', Add	19.20	
			For Work In Restricted Working Space, Add	10.47	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1358	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	92.22	21.19
		<i>For Elevated Installation >10' To 15', Add</i>	4.24	
		<i>For Elevated Installation >15' To 20', Add</i>	8.48	
		<i>For Elevated Installation >20' To 25', Add</i>	10.60	
		<i>For Elevated Installation >25' To 30', Add</i>	14.84	
		<i>For Elevated Installation >30' To 35', Add</i>	16.96	
		<i>For Elevated Installation >35' To 40', Add</i>	21.20	
		<i>For Elevated Installation >40', Add</i>	23.31	
		<i>For Work In Restricted Working Space, Add</i>	12.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.72	
26 05 33 13-1359	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	119.56	29.30
		<i>For Elevated Installation >10' To 15', Add</i>	5.86	
		<i>For Elevated Installation >15' To 20', Add</i>	11.72	
		<i>For Elevated Installation >20' To 25', Add</i>	14.65	
		<i>For Elevated Installation >25' To 30', Add</i>	20.51	
		<i>For Elevated Installation >30' To 35', Add</i>	23.44	
		<i>For Elevated Installation >35' To 40', Add</i>	29.30	
		<i>For Elevated Installation >40', Add</i>	32.22	
		<i>For Work In Restricted Working Space, Add</i>	17.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.58	
26 05 33 13-1360	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.55	8.11
		<i>For Elevated Installation >10' To 15', Add</i>	1.62	
		<i>For Elevated Installation >15' To 20', Add</i>	3.24	
		<i>For Elevated Installation >20' To 25', Add</i>	4.05	
		<i>For Elevated Installation >25' To 30', Add</i>	5.67	
		<i>For Elevated Installation >30' To 35', Add</i>	6.48	
		<i>For Elevated Installation >35' To 40', Add</i>	8.10	
		<i>For Elevated Installation >40', Add</i>	8.91	
		<i>For Work In Restricted Working Space, Add</i>	4.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.86	
26 05 33 13-1361	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.68	9.35
		<i>For Elevated Installation >10' To 15', Add</i>	1.87	
		<i>For Elevated Installation >15' To 20', Add</i>	3.74	
		<i>For Elevated Installation >20' To 25', Add</i>	4.68	
		<i>For Elevated Installation >25' To 30', Add</i>	6.55	
		<i>For Elevated Installation >30' To 35', Add</i>	7.48	
		<i>For Elevated Installation >35' To 40', Add</i>	9.35	
		<i>For Elevated Installation >40', Add</i>	10.29	
		<i>For Work In Restricted Working Space, Add</i>	5.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33 13-1362	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.00	11.84
		<i>For Elevated Installation >10' To 15', Add</i>	2.37	
		<i>For Elevated Installation >15' To 20', Add</i>	4.74	
		<i>For Elevated Installation >20' To 25', Add</i>	5.92	
		<i>For Elevated Installation >25' To 30', Add</i>	8.29	
		<i>For Elevated Installation >30' To 35', Add</i>	9.48	
		<i>For Elevated Installation >35' To 40', Add</i>	11.85	
		<i>For Elevated Installation >40', Add</i>	13.03	
		<i>For Work In Restricted Working Space, Add</i>	7.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.11	
26 05 33 13-1363	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.24	13.72
		<i>For Elevated Installation >10' To 15', Add</i>	2.74	
		<i>For Elevated Installation >15' To 20', Add</i>	5.49	
		<i>For Elevated Installation >20' To 25', Add</i>	6.86	
		<i>For Elevated Installation >25' To 30', Add</i>	9.60	
		<i>For Elevated Installation >30' To 35', Add</i>	10.97	
		<i>For Elevated Installation >35' To 40', Add</i>	13.72	
		<i>For Elevated Installation >40', Add</i>	15.09	
		<i>For Work In Restricted Working Space, Add</i>	8.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 33 13-1364	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.21	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-1365	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.97	17.46
		<i>For Elevated Installation >10' To 15', Add</i>	3.49	
		<i>For Elevated Installation >15' To 20', Add</i>	6.98	
		<i>For Elevated Installation >20' To 25', Add</i>	8.73	
		<i>For Elevated Installation >25' To 30', Add</i>	12.22	
		<i>For Elevated Installation >30' To 35', Add</i>	13.96	
		<i>For Elevated Installation >35' To 40', Add</i>	17.45	
		<i>For Elevated Installation >40', Add</i>	19.20	
		<i>For Work In Restricted Working Space, Add</i>	10.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47	
26 05 33 13-1366	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	94.58	21.19
		<i>For Elevated Installation >10' To 15', Add</i>	4.24	
		<i>For Elevated Installation >15' To 20', Add</i>	8.48	
		<i>For Elevated Installation >20' To 25', Add</i>	10.60	
		<i>For Elevated Installation >25' To 30', Add</i>	14.84	
		<i>For Elevated Installation >30' To 35', Add</i>	16.96	
		<i>For Elevated Installation >35' To 40', Add</i>	21.20	
		<i>For Elevated Installation >40', Add</i>	23.31	
		<i>For Work In Restricted Working Space, Add</i>	12.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.72	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-1367	EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	124.65		29.30
	<i>For Elevated Installation >10' To 15', Add</i>	5.86		
	<i>For Elevated Installation >15' To 20', Add</i>	11.72		
	<i>For Elevated Installation >20' To 25', Add</i>	14.65		
	<i>For Elevated Installation >25' To 30', Add</i>	20.51		
	<i>For Elevated Installation >30' To 35', Add</i>	23.44		
	<i>For Elevated Installation >35' To 40', Add</i>	29.30		
	<i>For Elevated Installation >40', Add</i>	32.22		
	<i>For Work In Restricted Working Space, Add</i>	17.58		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.58		
26 05 33 13-1368	EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	148.45		33.04
	<i>For Elevated Installation >10' To 15', Add</i>	6.61		
	<i>For Elevated Installation >15' To 20', Add</i>	13.21		
	<i>For Elevated Installation >20' To 25', Add</i>	16.52		
	<i>For Elevated Installation >25' To 30', Add</i>	23.12		
	<i>For Elevated Installation >30' To 35', Add</i>	26.42		
	<i>For Elevated Installation >35' To 40', Add</i>	33.03		
	<i>For Elevated Installation >40', Add</i>	36.33		
	<i>For Work In Restricted Working Space, Add</i>	19.82		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82		
26 05 33 13-1369	EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	174.16		43.01
	<i>For Elevated Installation >10' To 15', Add</i>	8.60		
	<i>For Elevated Installation >15' To 20', Add</i>	17.20		
	<i>For Elevated Installation >20' To 25', Add</i>	21.50		
	<i>For Elevated Installation >25' To 30', Add</i>	30.10		
	<i>For Elevated Installation >30' To 35', Add</i>	34.40		
	<i>For Elevated Installation >35' To 40', Add</i>	43.01		
	<i>For Elevated Installation >40', Add</i>	47.31		
	<i>For Work In Restricted Working Space, Add</i>	25.80		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.80		
26 05 33 13-1370	EA 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.87		8.11
	<i>For Elevated Installation >10' To 15', Add</i>	1.62		
	<i>For Elevated Installation >15' To 20', Add</i>	3.24		
	<i>For Elevated Installation >20' To 25', Add</i>	4.05		
	<i>For Elevated Installation >25' To 30', Add</i>	5.67		
	<i>For Elevated Installation >30' To 35', Add</i>	6.48		
	<i>For Elevated Installation >35' To 40', Add</i>	8.10		
	<i>For Elevated Installation >40', Add</i>	8.91		
	<i>For Work In Restricted Working Space, Add</i>	4.86		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.86		
26 05 33 13-1371	EA 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.01		9.35
	<i>For Elevated Installation >10' To 15', Add</i>	1.87		
	<i>For Elevated Installation >15' To 20', Add</i>	3.74		
	<i>For Elevated Installation >20' To 25', Add</i>	4.68		
	<i>For Elevated Installation >25' To 30', Add</i>	6.55		
	<i>For Elevated Installation >30' To 35', Add</i>	7.48		
	<i>For Elevated Installation >35' To 40', Add</i>	9.35		
	<i>For Elevated Installation >40', Add</i>	10.29		
	<i>For Work In Restricted Working Space, Add</i>	5.61		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61		
26 05 33 13-1372	EA 1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	48.36		11.84
	<i>For Elevated Installation >10' To 15', Add</i>	2.37		
	<i>For Elevated Installation >15' To 20', Add</i>	4.74		
	<i>For Elevated Installation >20' To 25', Add</i>	5.92		
	<i>For Elevated Installation >25' To 30', Add</i>	8.29		
	<i>For Elevated Installation >30' To 35', Add</i>	9.48		
	<i>For Elevated Installation >35' To 40', Add</i>	11.85		
	<i>For Elevated Installation >40', Add</i>	13.03		
	<i>For Work In Restricted Working Space, Add</i>	7.11		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.11		
26 05 33 13-1373	EA 1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.89		13.72
	<i>For Elevated Installation >10' To 15', Add</i>	2.74		
	<i>For Elevated Installation >15' To 20', Add</i>	5.49		
	<i>For Elevated Installation >20' To 25', Add</i>	6.86		
	<i>For Elevated Installation >25' To 30', Add</i>	9.60		
	<i>For Elevated Installation >30' To 35', Add</i>	10.97		
	<i>For Elevated Installation >35' To 40', Add</i>	13.72		
	<i>For Elevated Installation >40', Add</i>	15.09		
	<i>For Work In Restricted Working Space, Add</i>	8.23		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23		
26 05 33 13-1374	EA 1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.88		15.58
	<i>For Elevated Installation >10' To 15', Add</i>	3.12		
	<i>For Elevated Installation >15' To 20', Add</i>	6.23		
	<i>For Elevated Installation >20' To 25', Add</i>	7.79		
	<i>For Elevated Installation >25' To 30', Add</i>	10.91		
	<i>For Elevated Installation >30' To 35', Add</i>	12.46		
	<i>For Elevated Installation >35' To 40', Add</i>	15.58		
	<i>For Elevated Installation >40', Add</i>	17.14		
	<i>For Work In Restricted Working Space, Add</i>	9.35		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35		
26 05 33 13-1375	EA 2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	70.43		17.46
	<i>For Elevated Installation >10' To 15', Add</i>	3.49		
	<i>For Elevated Installation >15' To 20', Add</i>	6.98		
	<i>For Elevated Installation >20' To 25', Add</i>	8.73		
	<i>For Elevated Installation >25' To 30', Add</i>	12.22		
	<i>For Elevated Installation >30' To 35', Add</i>	13.96		
	<i>For Elevated Installation >35' To 40', Add</i>	17.45		
	<i>For Elevated Installation >40', Add</i>	19.20		
	<i>For Work In Restricted Working Space, Add</i>	10.47		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47		

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1376	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	104.00		21.19
		<i>For Elevated Installation >10' To 15', Add</i>		4.24	
		<i>For Elevated Installation >15' To 20', Add</i>		8.48	
		<i>For Elevated Installation >20' To 25', Add</i>		10.60	
		<i>For Elevated Installation >25' To 30', Add</i>		14.84	
		<i>For Elevated Installation >30' To 35', Add</i>		16.96	
		<i>For Elevated Installation >35' To 40', Add</i>		21.20	
		<i>For Elevated Installation >40', Add</i>		23.31	
		<i>For Work In Restricted Working Space, Add</i>		12.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		12.72	
26 05 33 13-1377	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	132.28		29.30
		<i>For Elevated Installation >10' To 15', Add</i>		5.86	
		<i>For Elevated Installation >15' To 20', Add</i>		11.72	
		<i>For Elevated Installation >20' To 25', Add</i>		14.65	
		<i>For Elevated Installation >25' To 30', Add</i>		20.51	
		<i>For Elevated Installation >30' To 35', Add</i>		23.44	
		<i>For Elevated Installation >35' To 40', Add</i>		29.30	
		<i>For Elevated Installation >40', Add</i>		32.22	
		<i>For Work In Restricted Working Space, Add</i>		17.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		17.58	
26 05 33 13-1378	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	150.07		33.04
		<i>For Elevated Installation >10' To 15', Add</i>		6.61	
		<i>For Elevated Installation >15' To 20', Add</i>		13.21	
		<i>For Elevated Installation >20' To 25', Add</i>		16.52	
		<i>For Elevated Installation >25' To 30', Add</i>		23.12	
		<i>For Elevated Installation >30' To 35', Add</i>		26.42	
		<i>For Elevated Installation >35' To 40', Add</i>		33.03	
		<i>For Elevated Installation >40', Add</i>		36.33	
		<i>For Work In Restricted Working Space, Add</i>		19.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		19.82	
26 05 33 13-1379	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	178.51		43.01
		<i>For Elevated Installation >10' To 15', Add</i>		8.60	
		<i>For Elevated Installation >15' To 20', Add</i>		17.20	
		<i>For Elevated Installation >20' To 25', Add</i>		21.50	
		<i>For Elevated Installation >25' To 30', Add</i>		30.10	
		<i>For Elevated Installation >30' To 35', Add</i>		34.40	
		<i>For Elevated Installation >35' To 40', Add</i>		43.01	
		<i>For Elevated Installation >40', Add</i>		47.31	
		<i>For Work In Restricted Working Space, Add</i>		25.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		25.80	
26 05 33 13-1380	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	262.30		59.22
		<i>For Elevated Installation >10' To 15', Add</i>		11.84	
		<i>For Elevated Installation >15' To 20', Add</i>		23.68	
		<i>For Elevated Installation >20' To 25', Add</i>		29.61	
		<i>For Elevated Installation >25' To 30', Add</i>		41.45	
		<i>For Elevated Installation >30' To 35', Add</i>		47.37	
		<i>For Elevated Installation >35' To 40', Add</i>		59.21	
		<i>For Elevated Installation >40', Add</i>		65.13	
		<i>For Work In Restricted Working Space, Add</i>		35.53	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		35.53	
26 05 33 13-1381	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	39.46		8.11
		<i>For Elevated Installation >10' To 15', Add</i>		1.62	
		<i>For Elevated Installation >15' To 20', Add</i>		3.24	
		<i>For Elevated Installation >20' To 25', Add</i>		4.05	
		<i>For Elevated Installation >25' To 30', Add</i>		5.67	
		<i>For Elevated Installation >30' To 35', Add</i>		6.48	
		<i>For Elevated Installation >35' To 40', Add</i>		8.10	
		<i>For Elevated Installation >40', Add</i>		8.91	
		<i>For Work In Restricted Working Space, Add</i>		4.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		4.86	
26 05 33 13-1382	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.61		9.35
		<i>For Elevated Installation >10' To 15', Add</i>		1.87	
		<i>For Elevated Installation >15' To 20', Add</i>		3.74	
		<i>For Elevated Installation >20' To 25', Add</i>		4.68	
		<i>For Elevated Installation >25' To 30', Add</i>		6.55	
		<i>For Elevated Installation >30' To 35', Add</i>		7.48	
		<i>For Elevated Installation >35' To 40', Add</i>		9.35	
		<i>For Elevated Installation >40', Add</i>		10.29	
		<i>For Work In Restricted Working Space, Add</i>		5.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		5.61	
26 05 33 13-1383	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	49.01		11.84
		<i>For Elevated Installation >10' To 15', Add</i>		2.37	
		<i>For Elevated Installation >15' To 20', Add</i>		4.74	
		<i>For Elevated Installation >20' To 25', Add</i>		5.92	
		<i>For Elevated Installation >25' To 30', Add</i>		8.29	
		<i>For Elevated Installation >30' To 35', Add</i>		9.48	
		<i>For Elevated Installation >35' To 40', Add</i>		11.85	
		<i>For Elevated Installation >40', Add</i>		13.03	
		<i>For Work In Restricted Working Space, Add</i>		7.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		7.11	
26 05 33 13-1384	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	58.08		13.72
		<i>For Elevated Installation >10' To 15', Add</i>		2.74	
		<i>For Elevated Installation >15' To 20', Add</i>		5.49	
		<i>For Elevated Installation >20' To 25', Add</i>		6.86	
		<i>For Elevated Installation >25' To 30', Add</i>		9.60	
		<i>For Elevated Installation >30' To 35', Add</i>		10.97	
		<i>For Elevated Installation >35' To 40', Add</i>		13.72	
		<i>For Elevated Installation >40', Add</i>		15.09	
		<i>For Work In Restricted Working Space, Add</i>		8.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		8.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1385 EA 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	63.32	15.58
For Elevated Installation >10' To 15', Add	3.12	
For Elevated Installation >15' To 20', Add	6.23	
For Elevated Installation >20' To 25', Add	7.79	
For Elevated Installation >25' To 30', Add	10.91	
For Elevated Installation >30' To 35', Add	12.46	
For Elevated Installation >35' To 40', Add	15.58	
For Elevated Installation >40', Add	17.14	
For Work In Restricted Working Space, Add	9.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1386 EA 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	71.89	17.46
For Elevated Installation >10' To 15', Add	3.49	
For Elevated Installation >15' To 20', Add	6.98	
For Elevated Installation >20' To 25', Add	8.73	
For Elevated Installation >25' To 30', Add	12.22	
For Elevated Installation >30' To 35', Add	13.96	
For Elevated Installation >35' To 40', Add	17.45	
For Elevated Installation >40', Add	19.20	
For Work In Restricted Working Space, Add	10.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1387 EA 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	113.57	21.19
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.48	
For Elevated Installation >20' To 25', Add	10.60	
For Elevated Installation >25' To 30', Add	14.84	
For Elevated Installation >30' To 35', Add	16.96	
For Elevated Installation >35' To 40', Add	21.20	
For Elevated Installation >40', Add	23.31	
For Work In Restricted Working Space, Add	12.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.72	
26 05 33 13-1388 EA 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	142.41	29.30
For Elevated Installation >10' To 15', Add	5.86	
For Elevated Installation >15' To 20', Add	11.72	
For Elevated Installation >20' To 25', Add	14.65	
For Elevated Installation >25' To 30', Add	20.51	
For Elevated Installation >30' To 35', Add	23.44	
For Elevated Installation >35' To 40', Add	29.30	
For Elevated Installation >40', Add	32.22	
For Work In Restricted Working Space, Add	17.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.58	
26 05 33 13-1389 EA 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	159.21	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.21	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.12	
For Elevated Installation >30' To 35', Add	26.42	
For Elevated Installation >35' To 40', Add	33.03	
For Elevated Installation >40', Add	36.33	
For Work In Restricted Working Space, Add	19.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1390 EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	193.91	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-1391 EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	285.33	59.22
For Elevated Installation >10' To 15', Add	11.84	
For Elevated Installation >15' To 20', Add	23.68	
For Elevated Installation >20' To 25', Add	29.61	
For Elevated Installation >25' To 30', Add	41.45	
For Elevated Installation >30' To 35', Add	47.37	
For Elevated Installation >35' To 40', Add	59.21	
For Elevated Installation >40', Add	65.13	
For Work In Restricted Working Space, Add	35.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.53	
26 05 33 13-1392 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.40	8.11
For Elevated Installation >10' To 15', Add	1.62	
For Elevated Installation >15' To 20', Add	3.24	
For Elevated Installation >20' To 25', Add	4.05	
For Elevated Installation >25' To 30', Add	5.67	
For Elevated Installation >30' To 35', Add	6.48	
For Elevated Installation >35' To 40', Add	8.10	
For Elevated Installation >40', Add	8.91	
For Work In Restricted Working Space, Add	4.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.86	
26 05 33 13-1393 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.52	9.35
For Elevated Installation >10' To 15', Add	1.87	
For Elevated Installation >15' To 20', Add	3.74	
For Elevated Installation >20' To 25', Add	4.68	
For Elevated Installation >25' To 30', Add	6.55	
For Elevated Installation >30' To 35', Add	7.48	
For Elevated Installation >35' To 40', Add	9.35	
For Elevated Installation >40', Add	10.29	
For Work In Restricted Working Space, Add	5.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.61	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

TOTAL DIRECT DEMOLITION

CSI UOM DESCRIPTION

UNIT COST UNIT COST

26 05 33 13-1394	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.44	11.84
		For Elevated Installation >10' To 15', Add	2.37	
		For Elevated Installation >15' To 20', Add	4.74	
		For Elevated Installation >20' To 25', Add	5.92	
		For Elevated Installation >25' To 30', Add	8.29	
		For Elevated Installation >30' To 35', Add	9.48	
		For Elevated Installation >35' To 40', Add	11.85	
		For Elevated Installation >40', Add	13.03	
		For Work In Restricted Working Space, Add	7.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.11	
26 05 33 13-1395	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.39	13.72
		For Elevated Installation >10' To 15', Add	2.74	
		For Elevated Installation >15' To 20', Add	5.49	
		For Elevated Installation >20' To 25', Add	6.86	
		For Elevated Installation >25' To 30', Add	9.60	
		For Elevated Installation >30' To 35', Add	10.97	
		For Elevated Installation >35' To 40', Add	13.72	
		For Elevated Installation >40', Add	15.09	
		For Work In Restricted Working Space, Add	8.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.23	
26 05 33 13-1396	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.23	15.58
		For Elevated Installation >10' To 15', Add	3.12	
		For Elevated Installation >15' To 20', Add	6.23	
		For Elevated Installation >20' To 25', Add	7.79	
		For Elevated Installation >25' To 30', Add	10.91	
		For Elevated Installation >30' To 35', Add	12.46	
		For Elevated Installation >35' To 40', Add	15.58	
		For Elevated Installation >40', Add	17.14	
		For Work In Restricted Working Space, Add	9.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.35	
26 05 33 13-1397	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	79.01	17.46
		For Elevated Installation >10' To 15', Add	3.49	
		For Elevated Installation >15' To 20', Add	6.98	
		For Elevated Installation >20' To 25', Add	8.73	
		For Elevated Installation >25' To 30', Add	12.22	
		For Elevated Installation >30' To 35', Add	13.96	
		For Elevated Installation >35' To 40', Add	17.45	
		For Elevated Installation >40', Add	19.20	
		For Work In Restricted Working Space, Add	10.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.47	
26 05 33 13-1398	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	125.33	21.19
		For Elevated Installation >10' To 15', Add	4.24	
		For Elevated Installation >15' To 20', Add	8.48	
		For Elevated Installation >20' To 25', Add	10.60	
		For Elevated Installation >25' To 30', Add	14.84	
		For Elevated Installation >30' To 35', Add	16.96	
		For Elevated Installation >35' To 40', Add	21.20	
		For Elevated Installation >40', Add	23.31	
		For Work In Restricted Working Space, Add	12.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.72	
26 05 33 13-1399	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	156.28	29.30
		For Elevated Installation >10' To 15', Add	5.86	
		For Elevated Installation >15' To 20', Add	11.72	
		For Elevated Installation >20' To 25', Add	14.65	
		For Elevated Installation >25' To 30', Add	20.51	
		For Elevated Installation >30' To 35', Add	23.44	
		For Elevated Installation >35' To 40', Add	29.30	
		For Elevated Installation >40', Add	32.22	
		For Work In Restricted Working Space, Add	17.58	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.58	
26 05 33 13-1400	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	182.06	33.04
		For Elevated Installation >10' To 15', Add	6.61	
		For Elevated Installation >15' To 20', Add	13.21	
		For Elevated Installation >20' To 25', Add	16.52	
		For Elevated Installation >25' To 30', Add	23.12	
		For Elevated Installation >30' To 35', Add	26.42	
		For Elevated Installation >35' To 40', Add	33.03	
		For Elevated Installation >40', Add	36.33	
		For Work In Restricted Working Space, Add	19.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1401	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	217.03	43.01
		For Elevated Installation >10' To 15', Add	8.60	
		For Elevated Installation >15' To 20', Add	17.20	
		For Elevated Installation >20' To 25', Add	21.50	
		For Elevated Installation >25' To 30', Add	30.10	
		For Elevated Installation >30' To 35', Add	34.40	
		For Elevated Installation >35' To 40', Add	43.01	
		For Elevated Installation >40', Add	47.31	
		For Work In Restricted Working Space, Add	25.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-1402	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	301.10	59.22
		For Elevated Installation >10' To 15', Add	11.84	
		For Elevated Installation >15' To 20', Add	23.68	
		For Elevated Installation >20' To 25', Add	29.61	
		For Elevated Installation >25' To 30', Add	41.45	
		For Elevated Installation >30' To 35', Add	47.37	
		For Elevated Installation >35' To 40', Add	59.21	
		For Elevated Installation >40', Add	65.13	
		For Work In Restricted Working Space, Add	35.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.53	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1403	EA 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.38	8.11
	<i>For Elevated Installation >10' To 15', Add</i>	1.62	
	<i>For Elevated Installation >15' To 20', Add</i>	3.24	
	<i>For Elevated Installation >20' To 25', Add</i>	4.05	
	<i>For Elevated Installation >25' To 30', Add</i>	5.67	
	<i>For Elevated Installation >30' To 35', Add</i>	6.48	
	<i>For Elevated Installation >35' To 40', Add</i>	8.10	
	<i>For Elevated Installation >40', Add</i>	8.91	
	<i>For Work In Restricted Working Space, Add</i>	4.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.86	
26 05 33 13-1404	EA 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.47	9.35
	<i>For Elevated Installation >10' To 15', Add</i>	1.87	
	<i>For Elevated Installation >15' To 20', Add</i>	3.74	
	<i>For Elevated Installation >20' To 25', Add</i>	4.68	
	<i>For Elevated Installation >25' To 30', Add</i>	6.55	
	<i>For Elevated Installation >30' To 35', Add</i>	7.48	
	<i>For Elevated Installation >35' To 40', Add</i>	9.35	
	<i>For Elevated Installation >40', Add</i>	10.29	
	<i>For Work In Restricted Working Space, Add</i>	5.61	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33 13-1405	EA 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.85	11.84
	<i>For Elevated Installation >10' To 15', Add</i>	2.37	
	<i>For Elevated Installation >15' To 20', Add</i>	4.74	
	<i>For Elevated Installation >20' To 25', Add</i>	5.92	
	<i>For Elevated Installation >25' To 30', Add</i>	8.29	
	<i>For Elevated Installation >30' To 35', Add</i>	9.48	
	<i>For Elevated Installation >35' To 40', Add</i>	11.85	
	<i>For Elevated Installation >40', Add</i>	13.03	
	<i>For Work In Restricted Working Space, Add</i>	7.11	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.11	
26 05 33 13-1406	EA 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.69	13.72
	<i>For Elevated Installation >10' To 15', Add</i>	2.74	
	<i>For Elevated Installation >15' To 20', Add</i>	5.49	
	<i>For Elevated Installation >20' To 25', Add</i>	6.86	
	<i>For Elevated Installation >25' To 30', Add</i>	9.60	
	<i>For Elevated Installation >30' To 35', Add</i>	10.97	
	<i>For Elevated Installation >35' To 40', Add</i>	13.72	
	<i>For Elevated Installation >40', Add</i>	15.09	
	<i>For Work In Restricted Working Space, Add</i>	8.23	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 33 13-1407	EA 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	73.17	15.58
	<i>For Elevated Installation >10' To 15', Add</i>	3.12	
	<i>For Elevated Installation >15' To 20', Add</i>	6.23	
	<i>For Elevated Installation >20' To 25', Add</i>	7.79	
	<i>For Elevated Installation >25' To 30', Add</i>	10.91	
	<i>For Elevated Installation >30' To 35', Add</i>	12.46	
	<i>For Elevated Installation >35' To 40', Add</i>	15.58	
	<i>For Elevated Installation >40', Add</i>	17.14	
	<i>For Work In Restricted Working Space, Add</i>	9.35	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-1408	EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	89.48	17.46
	<i>For Elevated Installation >10' To 15', Add</i>	3.49	
	<i>For Elevated Installation >15' To 20', Add</i>	6.98	
	<i>For Elevated Installation >20' To 25', Add</i>	8.73	
	<i>For Elevated Installation >25' To 30', Add</i>	12.22	
	<i>For Elevated Installation >30' To 35', Add</i>	13.96	
	<i>For Elevated Installation >35' To 40', Add</i>	17.45	
	<i>For Elevated Installation >40', Add</i>	19.20	
	<i>For Work In Restricted Working Space, Add</i>	10.47	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47	
26 05 33 13-1409	EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	137.76	21.19
	<i>For Elevated Installation >10' To 15', Add</i>	4.24	
	<i>For Elevated Installation >15' To 20', Add</i>	8.48	
	<i>For Elevated Installation >20' To 25', Add</i>	10.60	
	<i>For Elevated Installation >25' To 30', Add</i>	14.84	
	<i>For Elevated Installation >30' To 35', Add</i>	16.96	
	<i>For Elevated Installation >35' To 40', Add</i>	21.20	
	<i>For Elevated Installation >40', Add</i>	23.31	
	<i>For Work In Restricted Working Space, Add</i>	12.72	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.72	
26 05 33 13-1410	EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	174.04	29.30
	<i>For Elevated Installation >10' To 15', Add</i>	5.86	
	<i>For Elevated Installation >15' To 20', Add</i>	11.72	
	<i>For Elevated Installation >20' To 25', Add</i>	14.65	
	<i>For Elevated Installation >25' To 30', Add</i>	20.51	
	<i>For Elevated Installation >30' To 35', Add</i>	23.44	
	<i>For Elevated Installation >35' To 40', Add</i>	29.30	
	<i>For Elevated Installation >40', Add</i>	32.22	
	<i>For Work In Restricted Working Space, Add</i>	17.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.58	
26 05 33 13-1411	EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	206.07	33.04
	<i>For Elevated Installation >10' To 15', Add</i>	6.61	
	<i>For Elevated Installation >15' To 20', Add</i>	13.21	
	<i>For Elevated Installation >20' To 25', Add</i>	16.52	
	<i>For Elevated Installation >25' To 30', Add</i>	23.12	
	<i>For Elevated Installation >30' To 35', Add</i>	26.42	
	<i>For Elevated Installation >35' To 40', Add</i>	33.03	
	<i>For Elevated Installation >40', Add</i>	36.33	
	<i>For Work In Restricted Working Space, Add</i>	19.82	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR TOTAL DIRECT DEMOLITION
 CSI UOM DESCRIPTION UNIT COST UNIT COST

26 05 33 13-1412	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	257.48	43.01
		<i>For Elevated Installation >10' To 15', Add</i>	8.60	
		<i>For Elevated Installation >15' To 20', Add</i>	17.20	
		<i>For Elevated Installation >20' To 25', Add</i>	21.50	
		<i>For Elevated Installation >25' To 30', Add</i>	30.10	
		<i>For Elevated Installation >30' To 35', Add</i>	34.40	
		<i>For Elevated Installation >35' To 40', Add</i>	43.01	
		<i>For Elevated Installation >40', Add</i>	47.31	
		<i>For Work In Restricted Working Space, Add</i>	25.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.80	
26 05 33 13-1413	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	332.59	59.22
		<i>For Elevated Installation >10' To 15', Add</i>	11.84	
		<i>For Elevated Installation >15' To 20', Add</i>	23.68	
		<i>For Elevated Installation >20' To 25', Add</i>	29.61	
		<i>For Elevated Installation >25' To 30', Add</i>	41.45	
		<i>For Elevated Installation >30' To 35', Add</i>	47.37	
		<i>For Elevated Installation >35' To 40', Add</i>	59.21	
		<i>For Elevated Installation >40', Add</i>	65.13	
		<i>For Work In Restricted Working Space, Add</i>	35.53	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.53	
26 05 33 13-1414	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.38	8.11
		<i>For Elevated Installation >10' To 15', Add</i>	1.62	
		<i>For Elevated Installation >15' To 20', Add</i>	3.24	
		<i>For Elevated Installation >20' To 25', Add</i>	4.05	
		<i>For Elevated Installation >25' To 30', Add</i>	5.67	
		<i>For Elevated Installation >30' To 35', Add</i>	6.48	
		<i>For Elevated Installation >35' To 40', Add</i>	8.10	
		<i>For Elevated Installation >40', Add</i>	8.91	
		<i>For Work In Restricted Working Space, Add</i>	4.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.86	
26 05 33 13-1415	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.60	9.35
		<i>For Elevated Installation >10' To 15', Add</i>	1.87	
		<i>For Elevated Installation >15' To 20', Add</i>	3.74	
		<i>For Elevated Installation >20' To 25', Add</i>	4.68	
		<i>For Elevated Installation >25' To 30', Add</i>	6.55	
		<i>For Elevated Installation >30' To 35', Add</i>	7.48	
		<i>For Elevated Installation >35' To 40', Add</i>	9.35	
		<i>For Elevated Installation >40', Add</i>	10.29	
		<i>For Work In Restricted Working Space, Add</i>	5.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33 13-1416	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.44	11.84
		<i>For Elevated Installation >10' To 15', Add</i>	2.37	
		<i>For Elevated Installation >15' To 20', Add</i>	4.74	
		<i>For Elevated Installation >20' To 25', Add</i>	5.92	
		<i>For Elevated Installation >25' To 30', Add</i>	8.29	
		<i>For Elevated Installation >30' To 35', Add</i>	9.48	
		<i>For Elevated Installation >35' To 40', Add</i>	11.85	
		<i>For Elevated Installation >40', Add</i>	13.03	
		<i>For Work In Restricted Working Space, Add</i>	7.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.11	
26 05 33 13-1417	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	69.77	13.72
		<i>For Elevated Installation >10' To 15', Add</i>	2.74	
		<i>For Elevated Installation >15' To 20', Add</i>	5.49	
		<i>For Elevated Installation >20' To 25', Add</i>	6.86	
		<i>For Elevated Installation >25' To 30', Add</i>	9.60	
		<i>For Elevated Installation >30' To 35', Add</i>	10.97	
		<i>For Elevated Installation >35' To 40', Add</i>	13.72	
		<i>For Elevated Installation >40', Add</i>	15.09	
		<i>For Work In Restricted Working Space, Add</i>	8.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.23	
26 05 33 13-1418	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	81.56	15.58
		<i>For Elevated Installation >10' To 15', Add</i>	3.12	
		<i>For Elevated Installation >15' To 20', Add</i>	6.23	
		<i>For Elevated Installation >20' To 25', Add</i>	7.79	
		<i>For Elevated Installation >25' To 30', Add</i>	10.91	
		<i>For Elevated Installation >30' To 35', Add</i>	12.46	
		<i>For Elevated Installation >35' To 40', Add</i>	15.58	
		<i>For Elevated Installation >40', Add</i>	17.14	
		<i>For Work In Restricted Working Space, Add</i>	9.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.35	
26 05 33 13-1419	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	97.90	17.46
		<i>For Elevated Installation >10' To 15', Add</i>	3.49	
		<i>For Elevated Installation >15' To 20', Add</i>	6.98	
		<i>For Elevated Installation >20' To 25', Add</i>	8.73	
		<i>For Elevated Installation >25' To 30', Add</i>	12.22	
		<i>For Elevated Installation >30' To 35', Add</i>	13.96	
		<i>For Elevated Installation >35' To 40', Add</i>	17.45	
		<i>For Elevated Installation >40', Add</i>	19.20	
		<i>For Work In Restricted Working Space, Add</i>	10.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.47	
26 05 33 13-1420	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	154.35	21.19
		<i>For Elevated Installation >10' To 15', Add</i>	4.24	
		<i>For Elevated Installation >15' To 20', Add</i>	8.48	
		<i>For Elevated Installation >20' To 25', Add</i>	10.60	
		<i>For Elevated Installation >25' To 30', Add</i>	14.84	
		<i>For Elevated Installation >30' To 35', Add</i>	16.96	
		<i>For Elevated Installation >35' To 40', Add</i>	21.20	
		<i>For Elevated Installation >40', Add</i>	23.31	
		<i>For Work In Restricted Working Space, Add</i>	12.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1421 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	200.68	29.30
For Elevated Installation >10' To 15', Add	5.86	
For Elevated Installation >15' To 20', Add	11.72	
For Elevated Installation >20' To 25', Add	14.65	
For Elevated Installation >25' To 30', Add	20.51	
For Elevated Installation >30' To 35', Add	23.44	
For Elevated Installation >35' To 40', Add	29.30	
For Elevated Installation >40', Add	32.22	
For Work In Restricted Working Space, Add	17.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.58	
26 05 33 13-1422 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	220.80	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.21	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.12	
For Elevated Installation >30' To 35', Add	26.42	
For Elevated Installation >35' To 40', Add	33.03	
For Elevated Installation >40', Add	36.33	
For Work In Restricted Working Space, Add	19.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1423 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	269.89	43.01
For Elevated Installation >10' To 15', Add	8.60	
For Elevated Installation >15' To 20', Add	17.20	
For Elevated Installation >20' To 25', Add	21.50	
For Elevated Installation >25' To 30', Add	30.10	
For Elevated Installation >30' To 35', Add	34.40	
For Elevated Installation >35' To 40', Add	43.01	
For Elevated Installation >40', Add	47.31	
For Work In Restricted Working Space, Add	25.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.80	
26 05 33 13-1424 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	337.09	59.22
For Elevated Installation >10' To 15', Add	11.84	
For Elevated Installation >15' To 20', Add	23.68	
For Elevated Installation >20' To 25', Add	29.61	
For Elevated Installation >25' To 30', Add	41.45	
For Elevated Installation >30' To 35', Add	47.37	
For Elevated Installation >35' To 40', Add	59.21	
For Elevated Installation >40', Add	65.13	
For Work In Restricted Working Space, Add	35.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.53	
26 05 33 13-1425 Aluminum Rigid Conduit (ARC) <small>(26 05 33 13-0058)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1426 Aluminum Rigid Conduit (ARC) With Threaded Coupling <small>(26 05 33 13-1425)</small>		
Note: Includes field bend conduit up to 1".		
26 05 33 13-1427 LF 1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	5.81	1.91
For Work In Restricted Working Space, Add	1.44	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.72	
26 05 33 13-1428 LF 3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	6.62	2.11
For Work In Restricted Working Space, Add	1.58	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.79	
26 05 33 13-1429 LF 1" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	7.66	2.30
For Work In Restricted Working Space, Add	1.73	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.86	
26 05 33 13-1430 LF 1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	8.74	2.50
For Work In Restricted Working Space, Add	1.87	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.93	
26 05 33 13-1431 LF 1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	9.83	2.69
For Work In Restricted Working Space, Add	2.01	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.01	
26 05 33 13-1432 LF 2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	11.84	3.07
For Work In Restricted Working Space, Add	2.30	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.15	
26 05 33 13-1433 LF 2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	16.17	3.84
For Work In Restricted Working Space, Add	2.88	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.44	
26 05 33 13-1434 LF 3" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	20.15	4.60
For Work In Restricted Working Space, Add	3.45	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.73	
26 05 33 13-1435 LF 3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	24.77	5.75
For Work In Restricted Working Space, Add	4.32	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.16	
26 05 33 13-1436 LF 4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	30.51	7.28
For Work In Restricted Working Space, Add	5.47	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.73	
26 05 33 13-1437 LF 5" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	40.61	9.21
For Work In Restricted Working Space, Add	6.91	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.45	
26 05 33 13-1438 LF 6" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	51.92	11.50
For Work In Restricted Working Space, Add	8.63	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.32	
26 05 33 13-1439 Aluminum 90 Degree Elbows <small>(26 05 33 13-1425)</small>		
26 05 33 13-1440 EA 1" Aluminum 90 Degree Elbow.....	35.64	9.97
For Work In Restricted Working Space, Add	7.48	
26 05 33 13-1441 EA 1-1/4" Aluminum 90 Degree Elbow.....	45.31	11.31
For Work In Restricted Working Space, Add	8.49	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1442	EA	1-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	55.26 9.78	13.05
26 05 33 13-1443	EA	2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	70.74 11.22	14.96
26 05 33 13-1444	EA	2-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	101.74 13.67	18.22
26 05 33 13-1445	EA	3" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	145.77 17.69	23.59
26 05 33 13-1446	EA	3-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	201.53 19.85	26.46
26 05 33 13-1447	EA	4" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	243.46 24.89	33.18
26 05 33 13-1448	EA	5" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	609.80 40.56	54.09
26 05 33 13-1449	EA	6" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	859.93 60.99	81.32

26 05 33 13-1450 Aluminum Bushing Set With Locknut (26 05 33 13-1425)

26 05 33 13-1451	EA	1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.40 2.88 2.88	3.84
26 05 33 13-1452	EA	3/4" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.75 3.74 3.74	4.99
26 05 33 13-1453	EA	1" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.87 4.60 4.60	6.13
26 05 33 13-1454	EA	1-1/4" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.86 5.18 5.18	6.90
26 05 33 13-1455	EA	1-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.84 6.33 6.33	8.44
26 05 33 13-1456	EA	2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.66 7.62 7.62	10.16
26 05 33 13-1457	EA	2-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.75 9.06 9.06	12.08
26 05 33 13-1458	EA	3" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.28 10.36 10.36	13.81
26 05 33 13-1459	EA	3-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.40 11.22 11.22	14.96
26 05 33 13-1460	EA	4" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.07 12.08 12.08	16.11
26 05 33 13-1461	EA	5" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.71 16.11 16.11	21.48
26 05 33 13-1462	EA	6" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.80 24.17 24.17	32.23

26 05 33 13-1463 Schedule 40 Polyvinyl Chloride (PVC) Conduit (26 05 33 13-0058)

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1464 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings (26 05 33 13-1463)

Note: Includes field bend conduit up to 1".

26 05 33 13-1465	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	3.80 0.22 0.42	1.45
26 05 33 13-1466	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	4.22 0.26 0.48	1.59
26 05 33 13-1467	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	4.99 0.32 0.58	1.86
26 05 33 13-1468	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	5.76 0.38 0.69	2.12
26 05 33 13-1469	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	6.74 0.45 0.81	2.48
26 05 33 13-1470	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	7.80 0.53 0.96	2.83
26 05 33 13-1471	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	9.54 0.70 1.24	3.36
26 05 33 13-1472	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	11.08 0.82 1.45	3.90
26 05 33 13-1473	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	13.23 1.01 1.75	4.61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1474	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	16.06 1.18 2.08	5.67
26 05 33 13-1475	LF		5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	22.72 1.70 2.97	7.97
26 05 33 13-1476	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	30.26 2.25 3.95	10.62
26 05 33 13-1477			Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows <small>(26 05 33 13-1463)</small> See CSI section 26 05 33 13-2255 for conduit field bending.		
26 05 33 13-1478	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	18.47 1.08 2.04	7.08
26 05 33 13-1479	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	20.40 1.20 2.27	7.79
26 05 33 13-1480	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	23.57 1.47 2.72	8.85
26 05 33 13-1481	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	30.41 1.94 3.56	11.33
26 05 33 13-1482	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	38.23 2.48 4.53	14.16
26 05 33 13-1483	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	48.18 3.19 5.80	17.70
26 05 33 13-1484	EA		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	59.99 4.38 7.72	21.24
26 05 33 13-1485	EA		3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	73.18 5.90 10.12	24.78
26 05 33 13-1486	EA		3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	90.83 7.66 12.98	30.09
26 05 33 13-1487	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	108.55 9.44 15.87	35.41
26 05 33 13-1488	EA		5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	146.04 14.38 23.45	44.26
26 05 33 13-1489	EA		6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	177.89 17.92 29.07	53.11
26 05 33 13-1490			Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows <small>(26 05 33 13-1463)</small> See CSI section 26 05 33 13-2255 for conduit field bending.		
26 05 33 13-1491	EA		1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	18.47 1.08 2.04	7.08
26 05 33 13-1492	EA		3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	20.35 1.19 2.25	7.79
26 05 33 13-1493	EA		1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	23.50 1.45 2.69	8.85
26 05 33 13-1494	EA		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	30.19 1.88 3.48	11.33
26 05 33 13-1495	EA		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	37.74 2.35 4.36	14.16
26 05 33 13-1496	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	47.91 3.13 5.70	17.70

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1497	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	59.50 4.25 7.55	21.24
26 05 33 13-1498	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	72.56 5.75 9.90	24.78
26 05 33 13-1499	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	89.07 7.22 12.36	30.09
26 05 33 13-1500	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	107.04 9.06 15.34	35.41
26 05 33 13-1501	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	144.08 13.89 22.77	44.26
26 05 33 13-1502	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2255 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	172.06 16.46 27.03	53.11
26 05 33 13-1503 Polyvinyl Chloride (PVC) Conduit Female Adapters <small>(26 05 33 13-1463)</small>			
26 05 33 13-1504	EA 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.75 3.72	4.96
26 05 33 13-1505	EA 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.64 4.25	5.67
26 05 33 13-1506	EA 1" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.59 4.78	6.37
26 05 33 13-1507	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.61 5.31	7.08
26 05 33 13-1508	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.13 6.64	8.85
26 05 33 13-1509	EA 2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.99 7.97	10.62
26 05 33 13-1510	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.02 10.62	14.16
26 05 33 13-1511	EA 3" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.80 13.28	17.70
26 05 33 13-1512	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.03 17.26	23.01
26 05 33 13-1513	EA 4" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.52 21.25	28.33
26 05 33 13-1514	EA 5" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	98.03 26.55	35.41
26 05 33 13-1515	EA 6" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.14 33.20	44.26
26 05 33 13-1516 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug <small>(26 05 33 13-1463)</small>			
26 05 33 13-1517	EA 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.48 3.19	4.25
26 05 33 13-1518	EA 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47 3.72	4.96
26 05 33 13-1519	EA 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.45 4.25	5.67
26 05 33 13-1520	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.45 4.78	6.37
26 05 33 13-1521	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.78 5.31	7.08
26 05 33 13-1522	EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.06 6.11	8.14
26 05 33 13-1523	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.36 6.90	9.20
26 05 33 13-1524	EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.55 7.97	10.62
26 05 33 13-1525	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.76 9.29	12.40
26 05 33 13-1526	EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.42 10.62	14.16
26 05 33 13-1527	EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.80 11.95	15.93
26 05 33 13-1528	EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59 13.28	17.70
26 05 33 13-1529 Polyvinyl Chloride (PVC) Conduit Terminal Adapters <small>(26 05 33 13-1463)</small>			
26 05 33 13-1530	EA 1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.92 4.09	
26 05 33 13-1531	EA 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.80 4.90	
26 05 33 13-1532	EA 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.71 5.44	



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1579	EA 2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.38 5.31	7.08
26 05 33 13-1580	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.26 6.11	8.14
26 05 33 13-1581	EA 3" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.38 6.90	9.20
26 05 33 13-1582	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.37 7.70	10.26
26 05 33 13-1583	EA 4" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.81 8.23	10.98
26 05 33 13-1584	EA 5" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.49 9.29	12.40
26 05 33 13-1585	EA 6" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.16 10.62	14.16
26 05 33 13-1586 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-1463)</small>			
26 05 33 13-1587	EA 2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.39 23.90	31.86
26 05 33 13-1588	EA 3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.96 15.93	21.24
26 05 33 13-1589	EA 1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.94 26.55	35.41
26 05 33 13-1590	EA 3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	420.86 38.51	51.34
26 05 33 13-1591	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-0058)</small> Note: Exposed installation. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1592	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1591)</small>		
26 05 33 13-1593	LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	5.67	1.45
26 05 33 13-1594	LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	6.29	1.59
26 05 33 13-1595	LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	7.08	1.84
26 05 33 13-1596	LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	7.87	2.12
26 05 33 13-1597	LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	8.97	2.48
26 05 33 13-1598	LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	9.93	2.83
26 05 33 13-1599	LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	11.82	3.36
26 05 33 13-1600	LF 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	13.82	3.90
26 05 33 13-1601	LF 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	16.11	4.61
26 05 33 13-1602	LF 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	19.27	5.67
26 05 33 13-1603	LF 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	26.31	7.97
26 05 33 13-1604	LF 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	34.55	10.62
26 05 33 13-1605	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1591)</small>		
26 05 33 13-1606	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	55.44 3.72 5.54 7.37	7.08
26 05 33 13-1607	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	61.73 4.14 6.17 8.20	7.79
26 05 33 13-1608	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	64.81 4.31 6.48 8.65	8.85
26 05 33 13-1609	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	71.43 4.65 7.14 9.64	11.33
26 05 33 13-1610	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	78.94 5.04 7.89 10.75	14.16
26 05 33 13-1611	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	93.79 5.93 9.38 12.83	17.70
26 05 33 13-1612	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	112.39 7.10 11.24 15.38	21.24
26 05 33 13-1613	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	133.11 8.43 13.31 18.19	24.78

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33 13-1614	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	155.28	30.09
				<i>For 24" Radius, Add</i>	9.76	
				<i>For 36" Radius, Add</i>	15.53	
				<i>For 48" Radius, Add</i>	21.29	
	26 05 33 13-1615	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	177.43	35.41
				<i>For 24" Radius, Add</i>	11.09	
				<i>For 36" Radius, Add</i>	17.74	
				<i>For 48" Radius, Add</i>	24.39	
	26 05 33 13-1616	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	221.80	44.26
				<i>For 24" Radius, Add</i>	13.87	
				<i>For 36" Radius, Add</i>	22.18	
				<i>For 48" Radius, Add</i>	30.49	
	26 05 33 13-1617	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	271.72	53.11
				<i>For 24" Radius, Add</i>	17.06	
				<i>For 36" Radius, Add</i>	27.17	
				<i>For 48" Radius, Add</i>	37.28	
	26 05 33 13-1618			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1591)</small>		
	26 05 33 13-1619	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	48.65	7.08
				<i>For 24" Radius, Add</i>	3.21	
				<i>For 36" Radius, Add</i>	4.87	
				<i>For 48" Radius, Add</i>	6.52	
	26 05 33 13-1620	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	54.13	7.79
				<i>For 24" Radius, Add</i>	3.57	
				<i>For 36" Radius, Add</i>	5.41	
				<i>For 48" Radius, Add</i>	7.25	
	26 05 33 13-1621	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	57.13	8.85
				<i>For 24" Radius, Add</i>	3.73	
				<i>For 36" Radius, Add</i>	5.71	
				<i>For 48" Radius, Add</i>	7.69	
	26 05 33 13-1622	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	63.67	11.33
				<i>For 24" Radius, Add</i>	4.07	
				<i>For 36" Radius, Add</i>	6.37	
				<i>For 48" Radius, Add</i>	8.67	
	26 05 33 13-1623	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	71.10	14.16
				<i>For 24" Radius, Add</i>	4.45	
				<i>For 36" Radius, Add</i>	7.11	
				<i>For 48" Radius, Add</i>	9.77	
	26 05 33 13-1624	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	84.87	17.70
				<i>For 24" Radius, Add</i>	5.26	
				<i>For 36" Radius, Add</i>	8.49	
				<i>For 48" Radius, Add</i>	11.72	
	26 05 33 13-1625	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	101.72	21.24
				<i>For 24" Radius, Add</i>	6.30	
				<i>For 36" Radius, Add</i>	10.17	
				<i>For 48" Radius, Add</i>	14.04	
	26 05 33 13-1626	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	120.30	24.78
				<i>For 24" Radius, Add</i>	7.47	
				<i>For 36" Radius, Add</i>	12.03	
				<i>For 48" Radius, Add</i>	16.59	
	26 05 33 13-1627	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	140.87	30.09
				<i>For 24" Radius, Add</i>	8.68	
				<i>For 36" Radius, Add</i>	14.09	
				<i>For 48" Radius, Add</i>	19.49	
	26 05 33 13-1628	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	161.43	35.41
				<i>For 24" Radius, Add</i>	9.89	
				<i>For 36" Radius, Add</i>	16.14	
				<i>For 48" Radius, Add</i>	22.39	
	26 05 33 13-1629	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	201.79	44.26
				<i>For 24" Radius, Add</i>	12.37	
				<i>For 36" Radius, Add</i>	20.18	
				<i>For 48" Radius, Add</i>	27.99	
	26 05 33 13-1630	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	246.71	53.11
				<i>For 24" Radius, Add</i>	15.18	
				<i>For 36" Radius, Add</i>	24.67	
				<i>For 48" Radius, Add</i>	34.16	
	26 05 33 13-1631			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1591)</small>		
	26 05 33 13-1632	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	44.99	6.37
				<i>For 24" Radius, Add</i>	2.98	
				<i>For 36" Radius, Add</i>	4.50	
				<i>For 48" Radius, Add</i>	6.02	
	26 05 33 13-1633	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	50.05	7.01
				<i>For 24" Radius, Add</i>	3.32	
				<i>For 36" Radius, Add</i>	5.01	
				<i>For 48" Radius, Add</i>	6.69	
	26 05 33 13-1634	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	52.79	7.97
				<i>For 24" Radius, Add</i>	3.46	
				<i>For 36" Radius, Add</i>	5.28	
				<i>For 48" Radius, Add</i>	7.10	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1635	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	58.69	10.19
	<i>For 24" Radius, Add</i>	3.76	
	<i>For 36" Radius, Add</i>	5.87	
	<i>For 48" Radius, Add</i>	7.97	
26 05 33 13-1636	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	65.38	12.75
	<i>For 24" Radius, Add</i>	4.11	
	<i>For 36" Radius, Add</i>	6.54	
	<i>For 48" Radius, Add</i>	8.97	
26 05 33 13-1637	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	77.98	15.93
	<i>For 24" Radius, Add</i>	4.85	
	<i>For 36" Radius, Add</i>	7.80	
	<i>For 48" Radius, Add</i>	10.74	
26 05 33 13-1638	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	93.45	19.12
	<i>For 24" Radius, Add</i>	5.81	
	<i>For 36" Radius, Add</i>	9.35	
	<i>For 48" Radius, Add</i>	12.88	
26 05 33 13-1639	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	110.55	22.31
	<i>For 24" Radius, Add</i>	6.90	
	<i>For 36" Radius, Add</i>	11.06	
	<i>For 48" Radius, Add</i>	15.21	
26 05 33 13-1640	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	129.33	27.09
	<i>For 24" Radius, Add</i>	8.01	
	<i>For 36" Radius, Add</i>	12.93	
	<i>For 48" Radius, Add</i>	17.86	
26 05 33 13-1641	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	148.14	31.86
	<i>For 24" Radius, Add</i>	9.12	
	<i>For 36" Radius, Add</i>	14.81	
	<i>For 48" Radius, Add</i>	20.51	
26 05 33 13-1642	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	185.17	39.84
	<i>For 24" Radius, Add</i>	11.40	
	<i>For 36" Radius, Add</i>	18.52	
	<i>For 48" Radius, Add</i>	25.64	
26 05 33 13-1643	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	226.48	47.80
	<i>For 24" Radius, Add</i>	14.00	
	<i>For 36" Radius, Add</i>	22.65	
	<i>For 48" Radius, Add</i>	31.30	
26 05 33 13-1644	Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1591)</small>		
26 05 33 13-1645	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	43.10	6.37
	<i>For 24" Radius, Add</i>	2.83	
	<i>For 36" Radius, Add</i>	4.31	
	<i>For 48" Radius, Add</i>	5.79	
26 05 33 13-1646	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	47.94	7.01
	<i>For 24" Radius, Add</i>	3.16	
	<i>For 36" Radius, Add</i>	4.79	
	<i>For 48" Radius, Add</i>	6.43	
26 05 33 13-1647	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	50.65	7.97
	<i>For 24" Radius, Add</i>	3.30	
	<i>For 36" Radius, Add</i>	5.07	
	<i>For 48" Radius, Add</i>	6.83	
26 05 33 13-1648	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	56.53	10.19
	<i>For 24" Radius, Add</i>	3.60	
	<i>For 36" Radius, Add</i>	5.65	
	<i>For 48" Radius, Add</i>	7.70	
26 05 33 13-1649	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	63.20	12.75
	<i>For 24" Radius, Add</i>	3.94	
	<i>For 36" Radius, Add</i>	6.32	
	<i>For 48" Radius, Add</i>	8.70	
26 05 33 13-1650	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	75.50	15.93
	<i>For 24" Radius, Add</i>	4.67	
	<i>For 36" Radius, Add</i>	7.55	
	<i>For 48" Radius, Add</i>	10.43	
26 05 33 13-1651	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	90.48	19.12
	<i>For 24" Radius, Add</i>	5.59	
	<i>For 36" Radius, Add</i>	9.05	
	<i>For 48" Radius, Add</i>	12.51	
26 05 33 13-1652	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	106.99	22.31
	<i>For 24" Radius, Add</i>	6.63	
	<i>For 36" Radius, Add</i>	10.70	
	<i>For 48" Radius, Add</i>	14.77	
26 05 33 13-1653	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	125.33	27.09
	<i>For 24" Radius, Add</i>	7.71	
	<i>For 36" Radius, Add</i>	12.53	
	<i>For 48" Radius, Add</i>	17.36	

MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-1654	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius				
		Elbows.....	143.69		31.86	
		For 24" Radius, Add	8.79			
		For 36" Radius, Add	14.37			
		For 48" Radius, Add	19.95			
26 05 33 13-1655	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius				
		Elbows.....	179.61		39.84	
		For 24" Radius, Add	10.98			
		For 36" Radius, Add	17.96			
		For 48" Radius, Add	24.94			
26 05 33 13-1656	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius				
		Elbows.....	219.54		47.80	
		For 24" Radius, Add	13.48			
		For 36" Radius, Add	21.95			
		For 48" Radius, Add	30.43			
26 05 33 13-1657 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-1591)						
26 05 33 13-1658	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	28.02		4.96	
26 05 33 13-1659	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	31.57		5.67	
26 05 33 13-1660	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	33.52		6.37	
26 05 33 13-1661	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	35.44		7.08	
26 05 33 13-1662	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	40.23		8.85	
26 05 33 13-1663	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	48.11		10.62	
26 05 33 13-1664	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	61.34		14.16	
26 05 33 13-1665	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	75.38		17.70	
26 05 33 13-1666	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	92.55		23.01	
26 05 33 13-1667	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	109.72		28.33	
26 05 33 13-1668	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	137.14		35.41	
26 05 33 13-1669	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	171.41		44.26	
26 05 33 13-1670 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-1591)						
26 05 33 13-1671	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	21.22		4.96	
26 05 33 13-1672	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	23.96		5.67	
26 05 33 13-1673	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	25.83		6.37	
26 05 33 13-1674	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	27.70		7.08	
26 05 33 13-1675	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	32.24		8.85	
26 05 33 13-1676	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	36.73		10.62	
26 05 33 13-1677	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	47.61		14.16	
26 05 33 13-1678	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	58.90		17.70	
26 05 33 13-1679	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	74.01		23.01	
26 05 33 13-1680	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	89.12		28.33	
26 05 33 13-1681	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	111.41		35.41	
26 05 33 13-1682	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	139.25		44.26	
26 05 33 13-1683 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-1591)						
26 05 33 13-1684	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	23.36		4.08	
26 05 33 13-1685	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	26.34		5.67	
26 05 33 13-1686	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	28.25		6.37	
26 05 33 13-1687	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	30.09		7.08	
26 05 33 13-1688	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	34.80		8.85	
26 05 33 13-1689	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	41.65		10.62	
26 05 33 13-1690	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	53.51		14.16	
26 05 33 13-1691	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	65.97		17.70	
26 05 33 13-1692	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	81.96		23.01	
26 05 33 13-1693	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	97.96		28.33	
26 05 33 13-1694	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	122.42		35.41	
26 05 33 13-1695	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	153.05		44.26	
26 05 33 13-1696 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints (26 05 33 13-1591)						
26 05 33 13-1697	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	56.34		17.70	
26 05 33 13-1698	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	66.51		21.24	
26 05 33 13-1699	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	75.52		24.78	
26 05 33 13-1700	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	84.45		28.33	
26 05 33 13-1701	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	93.62		31.86	
26 05 33 13-1702	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	105.11		35.41	
26 05 33 13-1703	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	121.71		40.72	
26 05 33 13-1704	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	138.97		46.03	
26 05 33 13-1705	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	159.67		53.11	
26 05 33 13-1706	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	184.79		61.97	
26 05 33 13-1707	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	214.39		70.82	
26 05 33 13-1708	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	245.85		79.67	
26 05 33 13-1709 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints (26 05 33 13-1591)						
26 05 33 13-1710	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	61.24		17.70	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1711	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	72.01	21.24
26 05 33 13-1712	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	81.04	24.78
26 05 33 13-1713	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	90.04	28.33
26 05 33 13-1714	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	99.25	31.86
26 05 33 13-1715	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	111.54	35.41
26 05 33 13-1716	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	129.43	40.72
26 05 33 13-1717	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	148.24	46.03
26 05 33 13-1718	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	170.10	53.11
26 05 33 13-1719	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	196.38	61.97
26 05 33 13-1720	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	228.91	70.82
26 05 33 13-1721	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	264.01	79.67

26 05 33 13-1722 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters

(26 05 33 13-1591)

26 05 33 13-1723	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	52.78	4.96
26 05 33 13-1724	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	59.02	5.67
26 05 33 13-1725	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	62.17	6.37
26 05 33 13-1726	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	65.38	7.08
26 05 33 13-1727	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	70.55	8.85
26 05 33 13-1728	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	79.59	10.62
26 05 33 13-1729	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	99.05	14.16
26 05 33 13-1730	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	120.58	17.70
26 05 33 13-1731	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	143.41	23.01
26 05 33 13-1732	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	166.23	28.33
26 05 33 13-1733	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	207.81	35.41
26 05 33 13-1734	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	258.85	44.26

26 05 33 13-1735 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints

(26 05 33 13-1591)

26 05 33 13-1736	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	69.77	17.70
26 05 33 13-1737	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	81.46	21.24
26 05 33 13-1738	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	96.99	24.78
26 05 33 13-1739	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	118.04	28.33
26 05 33 13-1740	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	144.40	31.86
26 05 33 13-1741	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	184.45	35.41
26 05 33 13-1742	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	252.75	40.72
26 05 33 13-1743	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	302.26	46.03
26 05 33 13-1744	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	362.99	53.11
26 05 33 13-1745	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	428.15	61.97
26 05 33 13-1746	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	501.60	70.82
26 05 33 13-1747	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	750.17	79.67

26 05 33 13-1748 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover

(26 05 33 13-1591)

26 05 33 13-1749	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	57.99	14.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.62	
26 05 33 13-1750	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	66.77	15.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.95	
26 05 33 13-1751	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	85.32	17.70
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.28	
26 05 33 13-1752	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	103.83	21.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.93	
26 05 33 13-1753	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	131.60	26.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.92	
26 05 33 13-1754	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	176.28	31.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.90	
26 05 33 13-1755	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	274.09	37.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.88	
26 05 33 13-1756	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	347.76	42.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.87	
26 05 33 13-1757	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	416.78	49.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18	
26 05 33 13-1758	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	485.82	56.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.49	
26 05 33 13-1759	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	569.94	63.73
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.80	
26 05 33 13-1760	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	645.02	70.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.11	

			TOTAL DIRECT	DEMOLITION
MINOR	CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1761		Explosion Proof Conduit Fittings <small>(26 05 33 13-0058)</small> Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33 13-1762		Explosion Proof Malleable Iron Conduit Unions <small>(26 05 33 13-1761)</small>		
26 05 33 13-1763	EA	1/2" Explosion Proof Malleable Iron Conduit Union	36.67	7.98
26 05 33 13-1764	EA	3/4" Explosion Proof Malleable Iron Conduit Union	45.06	8.83
26 05 33 13-1765	EA	1" Explosion Proof Malleable Iron Conduit Union	71.15	11.78
26 05 33 13-1766	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	93.81	13.04
26 05 33 13-1767	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	117.97	15.98
26 05 33 13-1768	EA	2" Explosion Proof Malleable Iron Conduit Union	146.76	18.50
26 05 33 13-1769	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	223.12	26.46
26 05 33 13-1770	EA	3" Explosion Proof Malleable Iron Conduit Union	283.26	31.50
26 05 33 13-1771	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	473.40	37.80
26 05 33 13-1772	EA	4" Explosion Proof Malleable Iron Conduit Union	503.33	48.30
26 05 33 13-1773		Explosion Proof Malleable Iron Conduit Bodies <small>(26 05 33 13-1761)</small>		
26 05 33 13-1774	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	129.41	25.23
26 05 33 13-1775	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	145.90	28.60
26 05 33 13-1776	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Body	170.58	31.54
26 05 33 13-1777	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	146.44	31.54
26 05 33 13-1778	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	174.51	37.85
26 05 33 13-1779	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	206.31	43.31
26 05 33 13-1780		Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <small>(26 05 33 13-1761)</small> Note: Includes sealing gasket and lock nut.		
26 05 33 13-1781	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	107.06	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	
26 05 33 13-1782	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	109.67	23.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.66	
26 05 33 13-1783	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	119.72	25.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.24	
26 05 33 13-1784	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	153.67	31.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.65	
26 05 33 13-1785	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	195.75	37.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.75	
26 05 33 13-1786	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	250.86	42.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.54	
26 05 33 13-1787	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	357.62	62.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.24	
26 05 33 13-1788	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	451.92	78.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.21	
26 05 33 13-1789	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	635.06	86.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.20	
26 05 33 13-1790	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	817.16	94.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.87	
26 05 33 13-1791		Explosion Proof Flexible Conduit Couplings <small>(26 05 33 13-1761)</small>		
26 05 33 13-1792	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling.....	280.97	9.67
26 05 33 13-1793	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling.....	367.41	10.93
26 05 33 13-1794		Conduit Installed Below Grade <small>(26 05 33 13-0057)</small> Note: By direct burial in trench or in concrete slabs or duct banks. Includes warning tape for underground conduits. Excludes trenching, backfilling and concrete.		
26 05 33 13-1795		Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial <small>(26 05 33 13-1794)</small>		
26 05 33 13-1796		Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial <small>(26 05 33 13-1795)</small> Note: Includes field bend conduit up to 1".		
26 05 33 13-1797	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.04	
		<i>For Schedule 60, Add</i>	0.19	
		<i>For Schedule 80, Add</i>	0.35	
26 05 33 13-1798	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.32	
		<i>For Schedule 60, Add</i>	0.21	
		<i>For Schedule 80, Add</i>	0.39	
26 05 33 13-1799	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.65	
		<i>For Schedule 60, Add</i>	0.25	
		<i>For Schedule 80, Add</i>	0.45	
26 05 33 13-1800	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.99	
		<i>For Schedule 60, Add</i>	0.29	
		<i>For Schedule 80, Add</i>	0.51	
26 05 33 13-1801	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.31	
		<i>For Schedule 60, Add</i>	0.32	
		<i>For Schedule 80, Add</i>	0.57	
26 05 33 13-1802	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.71	
		<i>For Schedule 60, Add</i>	0.38	
		<i>For Schedule 80, Add</i>	0.65	
26 05 33 13-1803	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.34	
		<i>For Schedule 60, Add</i>	0.49	
		<i>For Schedule 80, Add</i>	0.82	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1804	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.78	
			<i>For Schedule 60, Add</i>	0.56	
			<i>For Schedule 80, Add</i>	0.92	
26 05 33 13-1805	LF	3-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.37	
			<i>For Schedule 60, Add</i>	0.66	
			<i>For Schedule 80, Add</i>	1.07	
26 05 33 13-1806	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.77	
			<i>For Schedule 60, Add</i>	0.72	
			<i>For Schedule 80, Add</i>	1.15	
26 05 33 13-1807	LF	5"	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.89	
			<i>For Schedule 60, Add</i>	0.95	
			<i>For Schedule 80, Add</i>	1.49	
26 05 33 13-1808	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.01	
			<i>For Schedule 60, Add</i>	1.19	
			<i>For Schedule 80, Add</i>	1.83	

26 05 33 13-1809 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial (26 05 33 13-1795)

See CSI section 26 05 33 13-2255 for conduit field bending.

26 05 33 13-1810	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	22.90	
			<i>For Schedule 60, Add</i>	1.30	
			<i>For Schedule 80, Add</i>	2.48	
26 05 33 13-1811	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	27.48	
			<i>For Schedule 60, Add</i>	1.56	
			<i>For Schedule 80, Add</i>	2.98	
26 05 33 13-1812	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	32.42	
			<i>For Schedule 60, Add</i>	1.91	
			<i>For Schedule 80, Add</i>	3.60	
26 05 33 13-1813	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	37.49	
			<i>For Schedule 60, Add</i>	2.29	
			<i>For Schedule 80, Add</i>	4.27	
26 05 33 13-1814	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	42.66	
			<i>For Schedule 60, Add</i>	2.70	
			<i>For Schedule 80, Add</i>	4.97	
26 05 33 13-1815	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	48.18	
			<i>For Schedule 60, Add</i>	3.19	
			<i>For Schedule 80, Add</i>	5.80	
26 05 33 13-1816	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	55.57	
			<i>For Schedule 60, Add</i>	4.15	
			<i>For Schedule 80, Add</i>	7.28	
26 05 33 13-1817	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	64.32	
			<i>For Schedule 60, Add</i>	5.46	
			<i>For Schedule 80, Add</i>	9.23	
26 05 33 13-1818	EA	3-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	77.55	
			<i>For Schedule 60, Add</i>	6.99	
			<i>For Schedule 80, Add</i>	11.65	
26 05 33 13-1819	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	90.86	
			<i>For Schedule 60, Add</i>	8.55	
			<i>For Schedule 80, Add</i>	14.10	
26 05 33 13-1820	EA	5"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	115.06	
			<i>For Schedule 60, Add</i>	12.83	
			<i>For Schedule 80, Add</i>	20.35	
26 05 33 13-1821	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	133.62	
			<i>For Schedule 60, Add</i>	15.70	
			<i>For Schedule 80, Add</i>	24.64	

26 05 33 13-1822 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial (26 05 33 13-1795)

See CSI section 26 05 33 13-2255 for conduit field bending.

26 05 33 13-1823	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	22.90	
			<i>For Schedule 60, Add</i>	1.30	
			<i>For Schedule 80, Add</i>	2.48	
26 05 33 13-1824	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	27.43	
			<i>For Schedule 60, Add</i>	1.55	
			<i>For Schedule 80, Add</i>	2.96	
26 05 33 13-1825	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	32.35	
			<i>For Schedule 60, Add</i>	1.89	
			<i>For Schedule 80, Add</i>	3.58	
26 05 33 13-1826	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	37.27	
			<i>For Schedule 60, Add</i>	2.24	
			<i>For Schedule 80, Add</i>	4.19	
26 05 33 13-1827	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	42.17	
			<i>For Schedule 60, Add</i>	2.57	
			<i>For Schedule 80, Add</i>	4.80	
26 05 33 13-1828	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	47.91	
			<i>For Schedule 60, Add</i>	3.13	
			<i>For Schedule 80, Add</i>	5.70	
26 05 33 13-1829	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	55.08	
			<i>For Schedule 60, Add</i>	4.03	
			<i>For Schedule 80, Add</i>	7.11	
26 05 33 13-1830	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	63.70	
			<i>For Schedule 60, Add</i>	5.30	
			<i>For Schedule 80, Add</i>	9.02	
26 05 33 13-1831	EA	3-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	75.79	
			<i>For Schedule 60, Add</i>	6.55	
			<i>For Schedule 80, Add</i>	11.03	

MINOR	TOTAL DIRECT	DEMOLITION
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26 05 33	13-1832	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	89.35
		<i>For Schedule 60, Add</i>	8.17
		<i>For Schedule 80, Add</i>	13.57
26 05 33	13-1833	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	113.10
		<i>For Schedule 60, Add</i>	12.34
		<i>For Schedule 80, Add</i>	19.67
26 05 33	13-1834	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	127.79
		<i>For Schedule 60, Add</i>	14.25
		<i>For Schedule 80, Add</i>	22.60

26 05 33 13-1835 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial (26 05 33 13-1795)

26 05 33	13-1836	EA 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	12.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.72
26 05 33	13-1837	EA 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	14.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25
26 05 33	13-1838	EA 1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	16.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.78
26 05 33	13-1839	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	18.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.31
26 05 33	13-1840	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	20.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.84
26 05 33	13-1841	EA 2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	22.67
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.37
26 05 33	13-1842	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	26.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.17
26 05 33	13-1843	EA 3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	30.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.97
26 05 33	13-1844	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	35.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.29
26 05 33	13-1845	EA 4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	40.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.62
26 05 33	13-1846	EA 5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	49.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.95
26 05 33	13-1847	EA 6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	55.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.28

26 05 33 13-1848 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial (26 05 33 13-1795)

26 05 33	13-1849	EA 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	13.48
26 05 33	13-1850	EA 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	15.47
26 05 33	13-1851	EA 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	17.45
26 05 33	13-1852	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	22.22
26 05 33	13-1853	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	24.56
26 05 33	13-1854	EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	27.06
26 05 33	13-1855	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	30.36
26 05 33	13-1856	EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	34.55
26 05 33	13-1857	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	40.76
26 05 33	13-1858	EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	45.42
26 05 33	13-1859	EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	55.80
26 05 33	13-1860	EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	62.59

26 05 33 13-1861 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial (26 05 33 13-1795)

26 05 33	13-1862	EA 1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	12.70
26 05 33	13-1863	EA 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	14.64
26 05 33	13-1864	EA 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	16.51
26 05 33	13-1865	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	18.47
26 05 33	13-1866	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	20.36
26 05 33	13-1867	EA 2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	22.50
26 05 33	13-1868	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	26.17
26 05 33	13-1869	EA 3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	29.63
26 05 33	13-1870	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	34.87
26 05 33	13-1871	EA 4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	39.50
26 05 33	13-1872	EA 5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	48.15
26 05 33	13-1873	EA 6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	54.31

26 05 33 13-1874 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial (26 05 33 13-1794)

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1875 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial (26 05 33 13-1874)

Note: Includes field bending for conduit up to 1".

26 05 33	13-1876	LF 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	10.86		2.01
		<i>For >250 To 500, Deduct</i>	-0.41		
		<i>For >500 To 1,000, Deduct</i>	-0.68		
		<i>For >1,000, Deduct</i>	-0.95		
26 05 33	13-1877	LF 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	12.23		2.50
		<i>For >250 To 500, Deduct</i>	-0.47		
		<i>For >500 To 1,000, Deduct</i>	-0.77		
		<i>For >1,000, Deduct</i>	-1.08		

MINOR
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26 05 33 13-1878	LF	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	15.10	2.79
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500 To 1,000, Deduct</i>	-0.96	
			<i>For >1,000, Deduct</i>	-1.34	
26 05 33 13-1879	LF	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	18.32	3.74
			<i>For >250 To 500, Deduct</i>	-0.72	
			<i>For >500 To 1,000, Deduct</i>	-1.18	
			<i>For >1,000, Deduct</i>	-1.64	
26 05 33 13-1880	LF	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	21.56	4.22
			<i>For >250 To 500, Deduct</i>	-0.86	
			<i>For >500 To 1,000, Deduct</i>	-1.40	
			<i>For >1,000, Deduct</i>	-1.94	
26 05 33 13-1881	LF	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	27.41	4.60
			<i>For >250 To 500, Deduct</i>	-1.11	
			<i>For >500 To 1,000, Deduct</i>	-1.79	
			<i>For >1,000, Deduct</i>	-2.48	
26 05 33 13-1882	LF	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	39.95	6.90
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500 To 1,000, Deduct</i>	-2.64	
			<i>For >1,000, Deduct</i>	-3.64	
26 05 33 13-1883	LF	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	51.41	8.63
			<i>For >250 To 500, Deduct</i>	-2.09	
			<i>For >500 To 1,000, Deduct</i>	-3.38	
			<i>For >1,000, Deduct</i>	-4.66	
26 05 33 13-1884	LF	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	63.40	9.11
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500 To 1,000, Deduct</i>	-4.16	
			<i>For >1,000, Deduct</i>	-5.74	
26 05 33 13-1885	LF	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	75.25	10.07
			<i>For >250 To 500, Deduct</i>	-3.04	
			<i>For >500 To 1,000, Deduct</i>	-4.92	
			<i>For >1,000, Deduct</i>	-6.81	
26 05 33 13-1886	LF	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	118.80	13.91
			<i>For >250 To 500, Deduct</i>	-5.03	
			<i>For >500 To 1,000, Deduct</i>	-8.00	
			<i>For >1,000, Deduct</i>	-10.97	
26 05 33 13-1887	LF	6"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	158.90	18.22
			<i>For >250 To 500, Deduct</i>	-6.79	
			<i>For >500 To 1,000, Deduct</i>	-10.77	
			<i>For >1,000, Deduct</i>	-14.74	

26 05 33 13-1888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial (26 05 33 13-1874)

26 05 33 13-1889	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	11.66	2.88
26 05 33 13-1890	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	13.86	3.84
26 05 33 13-1891	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	17.62	4.80
26 05 33 13-1892	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	19.92	5.27
26 05 33 13-1893	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	23.61	6.23
26 05 33 13-1894	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	30.70	7.19
26 05 33 13-1895	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	57.63	8.63
26 05 33 13-1896	EA	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	72.99	11.98
26 05 33 13-1897	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	90.69	13.91
26 05 33 13-1898	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	111.88	19.18
26 05 33 13-1899	EA	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	292.31	26.37
26 05 33 13-1900	EA	6"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	297.34	14.86

26 05 33 13-1901 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial (26 05 33 13-1874)

Note: 90, 45, or 30 degree.

26 05 33 13-1902	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	44.68	11.98
26 05 33 13-1903	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	51.22	14.86
26 05 33 13-1904	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	61.09	18.22
26 05 33 13-1905	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	72.49	21.09
26 05 33 13-1906	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	85.18	23.98
26 05 33 13-1907	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	104.70	26.37
26 05 33 13-1908	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	164.04	33.09
26 05 33 13-1909	EA	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	246.55	45.07
26 05 33 13-1910	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	306.88	50.82
26 05 33 13-1911	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	349.29	66.16
26 05 33 13-1912	EA	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	738.58	107.88
26 05 33 13-1913	EA	6"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	1,164.49	162.07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1914 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>		
26 05 33 13-1915 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	109.89	18.22
26 05 33 13-1916 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	123.44	21.09
26 05 33 13-1917 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	140.95	23.98
26 05 33 13-1918 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	169.06	26.37
26 05 33 13-1919 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	236.89	33.09
26 05 33 13-1920 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>		
26 05 33 13-1921 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	123.08	18.22
26 05 33 13-1922 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	145.25	21.09
26 05 33 13-1923 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	156.59	23.98
26 05 33 13-1924 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	203.16	26.37
26 05 33 13-1925 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	269.76	33.09
26 05 33 13-1926 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	344.05	45.07
26 05 33 13-1927 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>		
26 05 33 13-1928 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	138.86	18.22
26 05 33 13-1929 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	156.60	21.09
26 05 33 13-1930 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	176.65	23.98
26 05 33 13-1931 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	214.47	26.37
26 05 33 13-1932 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	307.54	33.09
26 05 33 13-1933 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	388.40	45.07
26 05 33 13-1934 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	492.63	50.82
26 05 33 13-1935 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	551.65	66.16
26 05 33 13-1936 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>		
26 05 33 13-1937 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	166.12	18.22
26 05 33 13-1938 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	183.26	21.09
26 05 33 13-1939 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	206.92	23.98
26 05 33 13-1940 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	258.05	26.37
26 05 33 13-1941 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	375.15	33.09
26 05 33 13-1942 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	463.54	45.07
26 05 33 13-1943 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	538.51	50.82
26 05 33 13-1944 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	635.88	66.16
26 05 33 13-1945 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>		
26 05 33 13-1946 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	187.33	18.22
26 05 33 13-1947 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	208.08	21.09
26 05 33 13-1948 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	236.71	23.98
26 05 33 13-1949 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	295.99	26.37
26 05 33 13-1950 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	412.04	33.09
26 05 33 13-1951 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	523.65	45.07

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1952	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	650.06		50.82
26 05 33 13-1953	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	713.20		66.16
26 05 33 13-1954	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	1,189.97		107.88
26 05 33 13-1955		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>			
26 05 33 13-1956	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	215.06		18.22
26 05 33 13-1957	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	238.06		21.09
26 05 33 13-1958	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	269.37		23.98
26 05 33 13-1959	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	338.07		26.37
26 05 33 13-1960	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	473.51		33.09
26 05 33 13-1961	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	600.23		45.07
26 05 33 13-1962	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	705.96		50.82
26 05 33 13-1963	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	813.02		66.16
26 05 33 13-1964	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,259.93		107.88
26 05 33 13-1965	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,717.25		162.07
26 05 33 13-1966		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>			
26 05 33 13-1967	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	253.67		18.22
26 05 33 13-1968	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	264.79		21.09
26 05 33 13-1969	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	313.07		23.98
26 05 33 13-1970	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	396.65		26.37
26 05 33 13-1971	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	556.41		33.09
26 05 33 13-1972	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	703.46		45.07
26 05 33 13-1973	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	861.37		50.82
26 05 33 13-1974	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,007.20		66.16
26 05 33 13-1975	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,488.11		107.88
26 05 33 13-1976	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,822.00		162.07
26 05 33 13-1977		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1874)</small>			
26 05 33 13-1978	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	262.97		18.22
26 05 33 13-1979	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	310.00		21.09
26 05 33 13-1980	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	350.87		23.98
26 05 33 13-1981	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	414.27		26.37
26 05 33 13-1982	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	577.12		33.09
26 05 33 13-1983	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	735.22		45.07
26 05 33 13-1984	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	946.00		50.82
26 05 33 13-1985	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,051.24		66.16
26 05 33 13-1986	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,549.41		107.88
26 05 33 13-1987	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,875.22		162.07
26 05 33 13-1988		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1874)</small>			
26 05 33 13-1989	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	85.69		11.98
26 05 33 13-1990	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	92.56		14.86

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1991	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	120.67	18.22
26 05 33 13-1992	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	177.76	21.09
26 05 33 13-1993	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	211.46	23.98
26 05 33 13-1994	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	270.65	26.37
26 05 33 13-1995	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	361.17	33.09
26 05 33 13-1996	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	472.87	33.09
26 05 33 13-1997	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	606.14	50.82
26 05 33 13-1998	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	780.12	66.16
26 05 33 13-1999	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,426.54	107.88
26 05 33 13-2000	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,766.15	162.07

26 05 33 13-2001 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial (26 05 33 13-1874)

26 05 33 13-2002	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	87.77	11.98
26 05 33 13-2003	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	100.50	14.86
26 05 33 13-2004	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	124.90	18.22
26 05 33 13-2005	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	185.53	21.09
26 05 33 13-2006	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	222.24	23.98
26 05 33 13-2007	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	293.94	26.37
26 05 33 13-2008	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	410.99	33.09
26 05 33 13-2009	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	523.53	33.09
26 05 33 13-2010	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	697.74	50.82
26 05 33 13-2011	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	871.38	66.16
26 05 33 13-2012	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	1,593.83	107.88
26 05 33 13-2013	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	2,036.27	162.07

26 05 33 13-2014 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial (26 05 33 13-1874)

26 05 33 13-2015	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.00	5.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-2016	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.23	7.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	
26 05 33 13-2017	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.04	9.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	
26 05 33 13-2018	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	44.23	10.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.33	
26 05 33 13-2019	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	47.88	11.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-2020	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.22	6.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33 13-2021	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	34.62	7.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	
26 05 33 13-2022	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.45	9.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47	
26 05 33 13-2023	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	46.79	10.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.33	
26 05 33 13-2024	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	50.64	11.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-2025	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	54.70	13.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.06	
26 05 33 13-2026	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.39	6.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2027	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77 4.31	7.19
26 05 33	13-2028	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.76 5.47	9.11
26 05 33	13-2029	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.13 6.33	10.55
26 05 33	13-2030	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.96 7.19	11.98
26 05 33	13-2031	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.55 8.05	13.43
26 05 33	13-2032	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.66 3.74	6.23
26 05 33	13-2033	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.05 4.31	7.19
26 05 33	13-2034	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.20 5.47	9.11
26 05 33	13-2035	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.51 6.33	10.55
26 05 33	13-2036	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.49 7.19	11.98
26 05 33	13-2037	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.23 8.05	13.43
26 05 33	13-2038	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.44 9.78	16.30
26 05 33	13-2039	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.04 13.52	22.54
26 05 33	13-2040	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.82 3.74	6.23
26 05 33	13-2041	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.36 4.31	7.19
26 05 33	13-2042	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.53 5.47	9.11
26 05 33	13-2043	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.90 6.33	10.55
26 05 33	13-2044	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.02 7.19	11.98
26 05 33	13-2045	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.91 8.05	13.43
26 05 33	13-2046	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.80 9.78	16.30
26 05 33	13-2047	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.13 13.52	22.54
26 05 33	13-2048	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.21 15.25	25.41
26 05 33	13-2049	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.31 19.85	33.09
26 05 33	13-2050	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.14 3.74	6.23
26 05 33	13-2051	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.69 4.31	7.19
26 05 33	13-2052	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.89 5.47	9.11
26 05 33	13-2053	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.55 6.33	10.55
26 05 33	13-2054	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.69 7.19	11.98
26 05 33	13-2055	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.37 8.05	13.43
26 05 33	13-2056	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.22 9.78	16.30

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2087	EA		1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.98 7.19	11.98
26 05 33 13-2088	EA		2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.42 8.05	13.43
26 05 33 13-2089	EA		2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.98 9.78	16.30
26 05 33 13-2090	EA		3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.52 13.52	22.54
26 05 33 13-2091	EA		3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.83 15.25	25.41
26 05 33 13-2092	EA		4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	237.63 19.85	33.09
26 05 33 13-2093	EA		5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	305.26 27.33	45.55
26 05 33 13-2094	EA		1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.65 3.74	6.23
26 05 33 13-2095	EA		3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.28 4.31	7.19
26 05 33 13-2096	EA		1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.97 5.47	9.11
26 05 33 13-2097	EA		1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.43 6.33	10.55
26 05 33 13-2098	EA		1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.37 7.19	11.98
26 05 33 13-2099	EA		2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.84 8.05	13.43
26 05 33 13-2100	EA		2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	144.57 9.78	16.30
26 05 33 13-2101	EA		3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.16 13.52	22.54
26 05 33 13-2102	EA		3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	205.56 15.25	25.41
26 05 33 13-2103	EA		4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.04 19.85	33.09
26 05 33 13-2104	EA		5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	309.76 27.33	45.55
26 05 33 13-2105			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1794)</small> Note: Direct burial or encased application.		
26 05 33 13-2106			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-2105)</small>		
26 05 33 13-2107	LF		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	4.91 0.86	1.15
26 05 33 13-2108	LF		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	5.39 0.93	1.24
26 05 33 13-2109	LF		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	5.74 0.99	1.33
26 05 33 13-2110	LF		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	6.10 1.06	1.41
26 05 33 13-2111	LF		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	6.54 1.13	1.50
26 05 33 13-2112	LF		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	6.84 1.20	1.59
26 05 33 13-2113	LF		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	7.62 1.26	1.68
26 05 33 13-2114	LF		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	8.52 1.33	1.77
26 05 33 13-2115	LF		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	9.25 1.40	1.86
26 05 33 13-2116	LF		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	9.98 1.46	1.94
26 05 33 13-2117	LF		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	11.48 1.53	2.03
26 05 33 13-2118	LF		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial <i>For Work In Restricted Working Space, Add</i>	13.30 1.59	2.12
26 05 33 13-2119			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-2105)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2140	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	57.68	10.62
		<i>For Work In Restricted Working Space, Add</i>	7.97	
26 05 33 13-2141	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	65.99	12.40
		<i>For Work In Restricted Working Space, Add</i>	9.29	
26 05 33 13-2142	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	74.31	14.16
		<i>For Work In Restricted Working Space, Add</i>	10.62	
26 05 33 13-2143	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	88.47	15.93
		<i>For Work In Restricted Working Space, Add</i>	11.95	
26 05 33 13-2144	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	105.02	17.70
		<i>For Work In Restricted Working Space, Add</i>	13.28	

26 05 33 13-2145 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings
(26 05 33 13-2105)

26 05 33 13-2146	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	21.22	4.96
		<i>For Work In Restricted Working Space, Add</i>	3.72	
26 05 33 13-2147	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	23.96	5.67
		<i>For Work In Restricted Working Space, Add</i>	4.25	
26 05 33 13-2148	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	25.83	6.37
		<i>For Work In Restricted Working Space, Add</i>	4.78	
26 05 33 13-2149	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	27.70	7.08
		<i>For Work In Restricted Working Space, Add</i>	5.31	
26 05 33 13-2150	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	29.59	7.79
		<i>For Work In Restricted Working Space, Add</i>	5.84	
26 05 33 13-2151	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	31.41	8.50
		<i>For Work In Restricted Working Space, Add</i>	6.37	
26 05 33 13-2152	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	36.10	9.56
		<i>For Work In Restricted Working Space, Add</i>	7.17	
26 05 33 13-2153	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	41.20	10.62
		<i>For Work In Restricted Working Space, Add</i>	7.97	
26 05 33 13-2154	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	47.45	12.40
		<i>For Work In Restricted Working Space, Add</i>	9.29	
26 05 33 13-2155	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	53.71	14.16
		<i>For Work In Restricted Working Space, Add</i>	10.62	
26 05 33 13-2156	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	62.74	15.93
		<i>For Work In Restricted Working Space, Add</i>	11.95	
26 05 33 13-2157	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	72.86	17.70
		<i>For Work In Restricted Working Space, Add</i>	13.28	

26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings
(26 05 33 13-2105)

26 05 33 13-2159	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	18.04	2.83
		<i>For Work In Restricted Working Space, Add</i>	2.12	
26 05 33 13-2160	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	20.15	3.18
		<i>For Work In Restricted Working Space, Add</i>	2.39	
26 05 33 13-2161	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	21.17	3.54
		<i>For Work In Restricted Working Space, Add</i>	2.66	
26 05 33 13-2162	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	22.12	3.90
		<i>For Work In Restricted Working Space, Add</i>	2.92	
26 05 33 13-2163	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	23.29	4.25
		<i>For Work In Restricted Working Space, Add</i>	3.19	
26 05 33 13-2164	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	27.49	4.96
		<i>For Work In Restricted Working Space, Add</i>	3.72	
26 05 33 13-2165	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	33.15	6.02
		<i>For Work In Restricted Working Space, Add</i>	4.52	
26 05 33 13-2166	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	39.41	7.08
		<i>For Work In Restricted Working Space, Add</i>	5.31	
26 05 33 13-2167	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	46.55	8.85
		<i>For Work In Restricted Working Space, Add</i>	6.64	
26 05 33 13-2168	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	53.70	10.62
		<i>For Work In Restricted Working Space, Add</i>	7.97	
26 05 33 13-2169	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	64.89	12.40
		<i>For Work In Restricted Working Space, Add</i>	9.29	
26 05 33 13-2170	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	77.81	14.16
		<i>For Work In Restricted Working Space, Add</i>	10.62	

26 05 33 13-2171 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints
(26 05 33 13-2105)

26 05 33 13-2172	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	56.34	17.70
		<i>For Work In Restricted Working Space, Add</i>	13.28	
26 05 33 13-2173	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	66.51	21.24
		<i>For Work In Restricted Working Space, Add</i>	15.93	
26 05 33 13-2174	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	75.52	24.78
		<i>For Work In Restricted Working Space, Add</i>	18.59	
26 05 33 13-2175	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	84.45	28.33
		<i>For Work In Restricted Working Space, Add</i>	21.25	
26 05 33 13-2176	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	89.20	30.09
		<i>For Work In Restricted Working Space, Add</i>	22.58	
26 05 33 13-2177	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	96.27	31.86
		<i>For Work In Restricted Working Space, Add</i>	23.90	

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26 05 33 13-2178	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	104.02	33.64
	<i>For Work In Restricted Working Space, Add</i>	25.23	
26 05 33 13-2179	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	112.41	35.41
	<i>For Work In Restricted Working Space, Add</i>	26.55	
26 05 33 13-2180	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	119.83	37.18
	<i>For Work In Restricted Working Space, Add</i>	27.88	
26 05 33 13-2181	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	127.25	38.94
	<i>For Work In Restricted Working Space, Add</i>	29.21	
26 05 33 13-2182	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	139.14	40.72
	<i>For Work In Restricted Working Space, Add</i>	30.54	
26 05 33 13-2183	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	152.90	42.49
	<i>For Work In Restricted Working Space, Add</i>	31.87	

26 05 33 13-2184 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints (26 05 33 13-2105)

26 05 33 13-2185	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	61.24	17.70
	<i>For Work In Restricted Working Space, Add</i>	13.28	
26 05 33 13-2186	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	72.01	21.24
	<i>For Work In Restricted Working Space, Add</i>	15.93	
26 05 33 13-2187	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	81.04	24.78
	<i>For Work In Restricted Working Space, Add</i>	18.59	
26 05 33 13-2188	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	90.04	28.33
	<i>For Work In Restricted Working Space, Add</i>	21.25	
26 05 33 13-2189	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	94.83	30.09
	<i>For Work In Restricted Working Space, Add</i>	22.58	
26 05 33 13-2190	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	102.70	31.86
	<i>For Work In Restricted Working Space, Add</i>	23.90	
26 05 33 13-2191	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	111.74	33.64
	<i>For Work In Restricted Working Space, Add</i>	25.23	
26 05 33 13-2192	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	121.68	35.41
	<i>For Work In Restricted Working Space, Add</i>	26.55	
26 05 33 13-2193	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	130.26	37.18
	<i>For Work In Restricted Working Space, Add</i>	27.88	
26 05 33 13-2194	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	138.84	38.94
	<i>For Work In Restricted Working Space, Add</i>	29.21	
26 05 33 13-2195	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	153.66	40.72
	<i>For Work In Restricted Working Space, Add</i>	30.54	
26 05 33 13-2196	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	171.06	42.49
	<i>For Work In Restricted Working Space, Add</i>	31.87	

26 05 33 13-2197 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters (26 05 33 13-2105)

26 05 33 13-2198	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	52.78	4.96
	<i>For Work In Restricted Working Space, Add</i>	3.72	
26 05 33 13-2199	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	59.02	5.67
	<i>For Work In Restricted Working Space, Add</i>	4.25	
26 05 33 13-2200	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	62.17	6.37
	<i>For Work In Restricted Working Space, Add</i>	4.78	
26 05 33 13-2201	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	65.38	7.08
	<i>For Work In Restricted Working Space, Add</i>	5.31	
26 05 33 13-2202	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	67.90	7.79
	<i>For Work In Restricted Working Space, Add</i>	5.84	
26 05 33 13-2203	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	74.27	8.50
	<i>For Work In Restricted Working Space, Add</i>	6.37	
26 05 33 13-2204	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	87.54	9.56
	<i>For Work In Restricted Working Space, Add</i>	7.17	
26 05 33 13-2205	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	102.88	10.62
	<i>For Work In Restricted Working Space, Add</i>	7.97	
26 05 33 13-2206	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	116.85	12.40
	<i>For Work In Restricted Working Space, Add</i>	9.29	
26 05 33 13-2207	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	130.82	14.16
	<i>For Work In Restricted Working Space, Add</i>	10.62	
26 05 33 13-2208	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	159.14	15.93
	<i>For Work In Restricted Working Space, Add</i>	11.95	
26 05 33 13-2209	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	192.46	17.70
	<i>For Work In Restricted Working Space, Add</i>	13.28	

26 05 33 13-2210 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints (26 05 33 13-2105)

26 05 33 13-2211	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	69.77	17.70
	<i>For Work In Restricted Working Space, Add</i>	13.28	
26 05 33 13-2212	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	81.46	21.24
	<i>For Work In Restricted Working Space, Add</i>	15.93	
26 05 33 13-2213	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	96.99	24.78
	<i>For Work In Restricted Working Space, Add</i>	18.59	
26 05 33 13-2214	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	118.04	28.33
	<i>For Work In Restricted Working Space, Add</i>	21.25	
26 05 33 13-2215	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	139.98	30.09
	<i>For Work In Restricted Working Space, Add</i>	22.58	

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26 05 33 13-2216	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	175.61 23.90	31.86
26 05 33 13-2217	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	235.06 25.23	33.64
26 05 33 13-2218	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	275.70 26.55	35.41
26 05 33 13-2219	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	323.15 27.88	37.18
26 05 33 13-2220	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	370.61 29.21	38.94
26 05 33 13-2221	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	426.35 30.54	40.72
26 05 33 13-2222	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	657.22 31.87	42.49

26 05 33 13-2223 Spacers (26 05 33 13-1794)

Note: For concrete encasement applications. See CSI section 03 31 13 00-0045 for concrete., 26 05 33 13-1794 for conduit.

26 05 33 13-2224	EA	1" Base Spacers, Average 4" Wide, Direct Burial	9.07	
26 05 33 13-2225	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	9.79	
26 05 33 13-2226	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	10.83	
26 05 33 13-2227	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	11.70	
26 05 33 13-2228	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	10.90	
26 05 33 13-2229	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	11.75	
26 05 33 13-2230	EA	2" Base Spacer, Average 4" Wide, Direct Burial	13.62	
26 05 33 13-2231	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	12.65	
26 05 33 13-2232	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	15.07	
26 05 33 13-2233	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.56	
26 05 33 13-2234	EA	3" Base Spacer, Average 4" Wide, Direct Burial	17.28	
26 05 33 13-2235	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	16.46	
26 05 33 13-2236	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	18.72	
26 05 33 13-2237	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.88	
26 05 33 13-2238	EA	4" Base Spacer, Average 4" Wide, Direct Burial	19.27	
26 05 33 13-2239	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	18.38	
26 05 33 13-2240	EA	5" Base Spacer, Average 4" Wide, Direct Burial	21.30	
26 05 33 13-2241	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	20.25	
26 05 33 13-2242	EA	6" Base Spacer, Average 4" Wide, Direct Burial	23.79	
26 05 33 13-2243	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	22.92	

26 05 33 13-2244 Conduit Field Bending (26 05 33 13-0057)**26 05 33 13-2245 Metallic Conduit Field Bending** (26 05 33 13-2244)

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2246	EA	1-1/4" Metallic Conduit Field Bending	16.09	
26 05 33 13-2247	EA	1-1/2" Metallic Conduit Field Bending	21.47	
26 05 33 13-2248	EA	2" Metallic Conduit Field Bending	26.83	
26 05 33 13-2249	EA	2-1/2" Metallic Conduit Field Bending	37.56	
26 05 33 13-2250	EA	3" Metallic Conduit Field Bending	48.29	
26 05 33 13-2251	EA	3-1/2" Metallic Conduit Field Bending	59.03	
26 05 33 13-2252	EA	4" Metallic Conduit Field Bending	69.76	
26 05 33 13-2253	EA	5" Metallic Conduit Field Bending	85.85	
26 05 33 13-2254	EA	6" Metallic Conduit Field Bending	101.96	

26 05 33 13-2255 Plastic Conduit Field Bending (26 05 33 13-2244)

Note: For PVC conduits.

26 05 33 13-2256	EA	1" Plastic Conduit Field Bending	24.68	
26 05 33 13-2257	EA	1-1/4" Plastic Conduit Field Bending	26.83	
26 05 33 13-2258	EA	1-1/2" Plastic Conduit Field Bending	32.20	
26 05 33 13-2259	EA	2" Plastic Conduit Field Bending	42.93	
26 05 33 13-2260	EA	2-1/2" Plastic Conduit Field Bending	53.66	
26 05 33 13-2261	EA	3" Plastic Conduit Field Bending	64.40	
26 05 33 13-2262	EA	3-1/2" Plastic Conduit Field Bending	75.12	
26 05 33 13-2263	EA	4" Plastic Conduit Field Bending	85.85	
26 05 33 13-2264	EA	5" Plastic Conduit Field Bending	96.59	
26 05 33 13-2265	EA	6" Plastic Conduit Field Bending	107.32	

26 05 33 13-2266 Cut And Thread Existing In-Place Threaded Conduit (26 05 33 13-0057)

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2267	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	31.54	
		<i>For Work In Restricted Working Space, Add</i>	9.46	
26 05 33 13-2268	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	34.69	
		<i>For Work In Restricted Working Space, Add</i>	10.41	
26 05 33 13-2269	EA	1", Cut And Thread Existing In-Place Threaded Conduit	37.85	
		<i>For Work In Restricted Working Space, Add</i>	11.36	

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26 05 33 13-2270	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit.....	41.00		
		<i>For Work In Restricted Working Space, Add</i>	12.30		
26 05 33 13-2271	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	43.10		
		<i>For Work In Restricted Working Space, Add</i>	12.93		
26 05 33 13-2272	EA	2", Cut And Thread Existing In-Place Threaded Conduit.....	45.20		
		<i>For Work In Restricted Working Space, Add</i>	13.56		
26 05 33 13-2273	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	47.31		
		<i>For Work In Restricted Working Space, Add</i>	14.19		
26 05 33 13-2274	EA	3", Cut And Thread Existing In-Place Threaded Conduit.....	49.41		
		<i>For Work In Restricted Working Space, Add</i>	14.82		
26 05 33 13-2275	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	50.45		
		<i>For Work In Restricted Working Space, Add</i>	15.14		
26 05 33 13-2276	EA	4", Cut And Thread Existing In-Place Threaded Conduit.....	51.51		
		<i>For Work In Restricted Working Space, Add</i>	15.45		
26 05 33 13-2277	EA	5", Cut And Thread Existing In-Place Threaded Conduit.....	53.61		
		<i>For Work In Restricted Working Space, Add</i>	16.08		
26 05 33 13-2278	EA	6", Cut And Thread Existing In-Place Threaded Conduit.....	55.71		
		<i>For Work In Restricted Working Space, Add</i>	16.71		
26 05 33 13-2279	Flexible Conduit <small>(26 05 33 13-0057)</small>				
26 05 33 13-2280	Flexible Liquid Tight Metallic Conduit And Connectors <small>(26 05 33 13-2279)</small>				
	Note: Steel inner core with PVC cover.				
26 05 33 13-2281	Flexible Liquid Tight Metallic Conduit <small>(26 05 33 13-2280)</small>				
26 05 33 13-2282	LF	3/8" Flexible Liquid Tight Metallic Conduit.....	3.89		1.15
		<i>For Work In Restricted Working Space, Add</i>	0.86		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.43		
26 05 33 13-2283	LF	1/2" Flexible Liquid Tight Metallic Conduit.....	4.04		1.15
		<i>For Work In Restricted Working Space, Add</i>	0.86		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.43		
26 05 33 13-2284	LF	3/4" Flexible Liquid Tight Metallic Conduit.....	5.42		1.53
		<i>For Work In Restricted Working Space, Add</i>	1.15		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.58		
26 05 33 13-2285	LF	1" Flexible Liquid Tight Metallic Conduit.....	6.22		1.53
		<i>For Work In Restricted Working Space, Add</i>	1.15		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.58		
26 05 33 13-2286	LF	1-1/4" Flexible Liquid Tight Metallic Conduit.....	8.05		1.91
		<i>For Work In Restricted Working Space, Add</i>	1.44		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.72		
26 05 33 13-2287	LF	1-1/2" Flexible Liquid Tight Metallic Conduit.....	10.31		2.30
		<i>For Work In Restricted Working Space, Add</i>	1.73		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.86		
26 05 33 13-2288	LF	2" Flexible Liquid Tight Metallic Conduit.....	13.58		3.07
		<i>For Work In Restricted Working Space, Add</i>	2.30		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.15		
26 05 33 13-2289	LF	2-1/2" Flexible Liquid Tight Metallic Conduit.....	18.37		3.46
		<i>For Work In Restricted Working Space, Add</i>	2.59		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.29		
26 05 33 13-2290	LF	3" Flexible Liquid Tight Metallic Conduit.....	26.94		4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.58		
26 05 33 13-2291	LF	4" Flexible Liquid Tight Metallic Conduit.....	36.82		5.37
		<i>For Work In Restricted Working Space, Add</i>	4.03		
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.01		
26 05 33 13-2292	Straight Liquid Tight Connector <small>(26 05 33 13-2280)</small>				
26 05 33 13-2293	EA	3/8" Straight Liquid Tight Connector.....	10.57		3.07
		<i>For Work In Restricted Working Space, Add</i>	2.30		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.30		
26 05 33 13-2294	EA	1/2" Straight Liquid Tight Connector.....	10.57		3.07
		<i>For Work In Restricted Working Space, Add</i>	2.30		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.30		
26 05 33 13-2295	EA	3/4" Straight Liquid Tight Connector.....	12.77		3.46
		<i>For Work In Restricted Working Space, Add</i>	2.59		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59		
26 05 33 13-2296	EA	1" Straight Liquid Tight Connector.....	16.98		3.84
		<i>For Work In Restricted Working Space, Add</i>	2.88		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88		
26 05 33 13-2297	EA	1-1/4" Straight Liquid Tight Connector.....	21.73		4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17		
26 05 33 13-2298	EA	1-1/2" Straight Liquid Tight Connector.....	27.44		4.60
		<i>For Work In Restricted Working Space, Add</i>	3.45		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45		
26 05 33 13-2299	EA	2" Straight Liquid Tight Connector.....	37.72		5.37
		<i>For Work In Restricted Working Space, Add</i>	4.03		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.03		
26 05 33 13-2300	EA	2-1/2" Straight Liquid Tight Connector.....	127.53		6.90
		<i>For Work In Restricted Working Space, Add</i>	5.18		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
26 05 33 13-2301	EA	3" Straight Liquid Tight Connector.....	164.24		7.28
		<i>For Work In Restricted Working Space, Add</i>	5.47		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47		
26 05 33 13-2302	EA	4" Straight Liquid Tight Connector.....	201.24		10.74
		<i>For Work In Restricted Working Space, Add</i>	8.06		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.06		

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26 05 33 13-2303	90 Degree Angle Liquid Tight Connector (26 05 33 13-2280)		
26 05 33 13-2304	EA 3/8" 90 Degree Angle Liquid Tight Connector.....	15.38	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.17	
26 05 33 13-2305	EA 1/2" 90 Degree Angle Liquid Tight Connector.....	16.00	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.17	
26 05 33 13-2306	EA 3/4" 90 Degree Angle Liquid Tight Connector.....	18.06	4.60
	For Work In Restricted Working Space, Add	3.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.45	
26 05 33 13-2307	EA 1" 90 Degree Angle Liquid Tight Connector.....	25.35	5.37
	For Work In Restricted Working Space, Add	4.03	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.03	
26 05 33 13-2308	EA 1-1/4" 90 Degree Angle Liquid Tight Connector.....	31.82	5.75
	For Work In Restricted Working Space, Add	4.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.32	
26 05 33 13-2309	EA 1-1/2" 90 Degree Angle Liquid Tight Connector.....	38.50	6.13
	For Work In Restricted Working Space, Add	4.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-2310	EA 2" 90 Degree Angle Liquid Tight Connector.....	50.80	6.90
	For Work In Restricted Working Space, Add	5.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 05 33 13-2311	EA 2-1/2" 90 Degree Angle Liquid Tight Connector.....	177.89	7.28
	For Work In Restricted Working Space, Add	5.47	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-2312	EA 3" 90 Degree Angle Liquid Tight Connector.....	210.18	8.44
	For Work In Restricted Working Space, Add	6.33	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.33	
26 05 33 13-2313	EA 4" 90 Degree Angle Liquid Tight Connector.....	290.96	13.43
	For Work In Restricted Working Space, Add	10.07	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.07	
26 05 33 13-2314	45 Degree Angle Connector (26 05 33 13-2280)		
26 05 33 13-2315	EA 3/8" 45 Degree Angle Liquid Tight Connector.....	15.17	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.17	
26 05 33 13-2316	EA 1/2" 45 Degree Angle Liquid Tight Connector.....	15.32	4.22
	For Work In Restricted Working Space, Add	3.17	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.17	
26 05 33 13-2317	EA 3/4" 45 Degree Angle Liquid Tight Connector.....	18.06	4.60
	For Work In Restricted Working Space, Add	3.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.45	
26 05 33 13-2318	EA 1" 45 Degree Angle Liquid Tight Connector.....	27.05	5.37
	For Work In Restricted Working Space, Add	4.03	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.03	
26 05 33 13-2319	EA 1-1/4" 45 Degree Angle Liquid Tight Connector.....	30.72	5.75
	For Work In Restricted Working Space, Add	4.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.32	
26 05 33 13-2320	EA 1-1/2" 45 Degree Angle Liquid Tight Connector.....	34.38	6.13
	For Work In Restricted Working Space, Add	4.60	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-2321	Flexible Metallic Conduit And Connectors (26 05 33 13-2279)		
26 05 33 13-2322	Flexible Steel Conduit (26 05 33 13-2321)		
26 05 33 13-2323	LF 3/8" Flexible Metallic Conduit.....	3.54	1.26
	For Work In Restricted Working Space, Add	0.92	
	For Installation In Metal Stud Wall, Add	0.31	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.77	
	For Flexible Aluminum Conduit, Add	0.08	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.46	
26 05 33 13-2324	LF 1/2" Flexible Metallic Conduit.....	3.66	1.26
	For Work In Restricted Working Space, Add	0.95	
	For Installation In Metal Stud Wall, Add	0.32	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.79	
	For Flexible Aluminum Conduit, Add	0.08	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.47	
26 05 33 13-2325	LF 3/4" Flexible Metallic Conduit.....	4.11	1.68
	For Work In Restricted Working Space, Add	1.03	
	For Installation In Metal Stud Wall, Add	0.34	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.86	
	For Flexible Aluminum Conduit, Add	0.11	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.51	
26 05 33 13-2326	LF 1" Flexible Metallic Conduit.....	4.97	1.68
	For Work In Restricted Working Space, Add	1.10	
	For Installation In Metal Stud Wall, Add	0.37	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.92	
	For Flexible Aluminum Conduit, Add	0.21	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.55	
26 05 33 13-2327	LF 1-1/4" Flexible Metallic Conduit.....	5.58	2.10
	For Work In Restricted Working Space, Add	1.17	
	For Installation In Metal Stud Wall, Add	0.39	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.97	
	For Flexible Aluminum Conduit, Add	0.28	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2328 LF 1-1/2" Flexible Metallic Conduit	7.00	2.52
For Work In Restricted Working Space, Add	1.21	
For Installation In Metal Stud Wall, Add	0.40	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.01	
For Flexible Aluminum Conduit, Add	0.49	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.61	
26 05 33 13-2329 LF 2" Flexible Metallic Conduit.....	7.83	3.36
For Work In Restricted Working Space, Add	1.26	
For Installation In Metal Stud Wall, Add	0.42	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.05	
For Flexible Aluminum Conduit, Add	0.60	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.63	
26 05 33 13-2330 LF 2-1/2" Flexible Steel Conduit	9.64	3.78
For Work In Restricted Working Space, Add	1.58	
For Installation In Metal Stud Wall, Add	0.53	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.31	
For Flexible Aluminum Conduit, Add	0.72	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.79	
26 05 33 13-2331 LF 3" Flexible Metallic Conduit.....	13.93	4.62
For Work In Restricted Working Space, Add	1.89	
For Installation In Metal Stud Wall, Add	0.63	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.58	
For Flexible Aluminum Conduit, Add	1.26	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.95	
26 05 33 13-2332 LF 3-1/2" Flexible Metallic Conduit	16.97	5.04
For Work In Restricted Working Space, Add	2.21	
For Installation In Metal Stud Wall, Add	0.74	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.84	
For Flexible Aluminum Conduit, Add	1.59	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.10	
26 05 33 13-2333 LF 4" Flexible Metallic Conduit.....	19.49	5.88
For Work In Restricted Working Space, Add	2.52	
For Installation In Metal Stud Wall, Add	0.84	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.10	
For Flexible Aluminum Conduit, Add	1.83	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.26	
26 05 33 13-2334 Plain Squeeze Type Straight Connector (26 05 33 13-2321)		
26 05 33 13-2335 EA 3/8" Flexible Straight Connectors, Plain.....	5.90	3.36
For Work In Restricted Working Space, Add	1.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.42	
26 05 33 13-2336 EA 1/2" Flexible Straight Connectors, Plain.....	7.11	3.78
For Work In Restricted Working Space, Add	1.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.58	
26 05 33 13-2337 EA 3/4" Flexible Straight Connectors, Plain.....	8.26	4.62
For Work In Restricted Working Space, Add	1.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
26 05 33 13-2338 EA 1" Flexible Straight Connectors, Plain.....	12.69	5.04
For Work In Restricted Working Space, Add	2.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.52	
26 05 33 13-2339 EA 1-1/4" Flexible Straight Connectors, Plain	17.53	5.88
For Work In Restricted Working Space, Add	3.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.15	
26 05 33 13-2340 EA 1-1/2" Flexible Straight Connectors, Plain	22.89	7.14
For Work In Restricted Working Space, Add	3.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.94	
26 05 33 13-2341 EA 2" Flexible Straight Connectors, Plain.....	29.64	7.14
For Work In Restricted Working Space, Add	4.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.73	
26 05 33 13-2342 EA 2-1/2" Flexible Straight Connectors, Plain	45.65	8.82
For Work In Restricted Working Space, Add	5.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.51	
26 05 33 13-2343 EA 3" Flexible Straight Connectors, Plain.....	58.82	9.66
For Work In Restricted Working Space, Add	6.30	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.30	
26 05 33 13-2344 EA 3-1/2" Flexible Straight Connectors, Plain	169.90	11.34
For Work In Restricted Working Space, Add	7.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.09	
26 05 33 13-2345 EA 4" Flexible Straight Connectors, Plain.....	211.31	13.85
For Work In Restricted Working Space, Add	7.88	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.88	
26 05 33 13-2346 Insulated Throat Squeeze Type Straight Connector (26 05 33 13-2321)		
26 05 33 13-2347 EA 1/2" Flexible Straight Connectors, Insulated.....	7.75	3.78
For Work In Restricted Working Space, Add	1.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.58	
26 05 33 13-2348 EA 3/4" Flexible Straight Connectors, Insulated.....	9.10	4.62
For Work In Restricted Working Space, Add	1.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
26 05 33 13-2349 EA 1" Flexible Straight Connectors, Insulated.....	13.83	5.04
For Work In Restricted Working Space, Add	2.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.52	
26 05 33 13-2350 EA 1-1/4" Flexible Straight Connectors, Insulated.....	19.63	5.88
For Work In Restricted Working Space, Add	3.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.15	
26 05 33 13-2351 EA 1-1/2" Flexible Straight Connectors, Insulated.....	26.62	6.30
For Work In Restricted Working Space, Add	3.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.94	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2352	EA	2"	Flexible Straight Connectors, Insulated	36.23	7.14
			<i>For Work In Restricted Working Space, Add</i>	4.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.73	
26 05 33 13-2353	EA	2-1/2"	Flexible Straight Connectors, Insulated	59.76	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.51	
26 05 33 13-2354	EA	3"	Flexible Straight Connectors, Insulated	75.45	9.66
			<i>For Work In Restricted Working Space, Add</i>	6.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.30	
26 05 33 13-2355	EA	3-1/2"	Flexible Straight Connectors, Insulated	195.53	11.34
			<i>For Work In Restricted Working Space, Add</i>	7.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.09	
26 05 33 13-2356	EA	4"	Flexible Straight Connectors, Insulated	249.84	13.85
			<i>For Work In Restricted Working Space, Add</i>	7.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 05 33 13-2357 Plain Squeeze Type 90 Degree Connector (26 05 33 13-2321)					
26 05 33 13-2358	EA	3/8"	Flexible 90 Degree Connector, Plain	8.17	4.20
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2359	EA	1/2"	Flexible 90 Degree Connector, Plain	10.49	4.62
			<i>For Work In Restricted Working Space, Add</i>	2.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.21	
26 05 33 13-2360	EA	3/4"	Flexible 90 Degree Connector, Plain	13.30	5.04
			<i>For Work In Restricted Working Space, Add</i>	2.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.52	
26 05 33 13-2361	EA	1"	Flexible 90 Degree Connector, Plain	18.25	5.88
			<i>For Work In Restricted Working Space, Add</i>	3.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 33 13-2362	EA	1-1/4"	Flexible 90 Degree Connector, Plain	27.32	6.30
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-2363	EA	1-1/2"	Flexible 90 Degree Connector, Plain	41.47	7.35
			<i>For Work In Restricted Working Space, Add</i>	4.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.73	
26 05 33 13-2364	EA	2"	Flexible 90 Degree Connector, Plain	49.66	9.03
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-2365	EA	2-1/2"	Flexible 90 Degree Connector, Plain	103.92	9.66
			<i>For Work In Restricted Working Space, Add</i>	6.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.30	
26 05 33 13-2366	EA	3"	Flexible 90 Degree Connector, Plain	132.48	11.34
			<i>For Work In Restricted Working Space, Add</i>	7.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.09	
26 05 33 13-2367	EA	3-1/2"	Flexible 90 Degree Connector, Plain	273.81	13.85
			<i>For Work In Restricted Working Space, Add</i>	7.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 05 33 13-2368	EA	4"	Flexible 90 Degree Connector, Plain	484.50	15.75
			<i>For Work In Restricted Working Space, Add</i>	9.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.45	
26 05 33 13-2369 Insulated Throat Squeeze Type 90 Degree Connector (26 05 33 13-2321)					
26 05 33 13-2370	EA	1/2"	Flexible 90 Degree Connector, Insulated.....	11.38	4.62
			<i>For Work In Restricted Working Space, Add</i>	2.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.21	
26 05 33 13-2371	EA	3/4"	Flexible 90 Degree Connector, Insulated.....	14.40	5.04
			<i>For Work In Restricted Working Space, Add</i>	2.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.52	
26 05 33 13-2372	EA	1"	Flexible 90 Degree Connector, Insulated.....	18.25	5.88
			<i>For Work In Restricted Working Space, Add</i>	3.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 33 13-2373	EA	1-1/4"	Flexible 90 Degree Connector, Insulated	31.21	6.30
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-2374	EA	1-1/2"	Flexible 90 Degree Connector, Insulated	48.54	7.35
			<i>For Work In Restricted Working Space, Add</i>	4.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.73	
26 05 33 13-2375	EA	2"	Flexible 90 Degree Connector, Insulated.....	61.15	9.03
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-2376	EA	2-1/2"	Flexible 90 Degree Connector, Insulated	139.83	9.66
			<i>For Work In Restricted Working Space, Add</i>	6.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.30	
26 05 33 13-2377	EA	3"	Flexible 90 Degree Connector, Insulated.....	171.39	11.34
			<i>For Work In Restricted Working Space, Add</i>	7.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.09	
26 05 33 13-2378	EA	3-1/2"	Flexible 90 Degree Connector, Insulated	450.16	13.85
			<i>For Work In Restricted Working Space, Add</i>	7.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 05 33 13-2379	EA	4"	Flexible 90 Degree Connector, Insulated.....	669.20	15.75
			<i>For Work In Restricted Working Space, Add</i>	9.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.45	
26 05 33 13-2380 Plain Squeeze Type 45 Degree Connector (26 05 33 13-2321)					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2381	EA		3/8" Flexible 45 Degree Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.89 1.89 1.89	4.20
26 05 33 13-2382	EA		1/2" Flexible 45 Degree Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.64 2.21 2.21	4.62
26 05 33 13-2383	EA		3/4" Flexible 45 Degree Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.58 2.52 2.52	5.04
26 05 33 13-2384			Insulated Squeeze Type 45 Degree Connector (26 05 33 13-2321)		
26 05 33 13-2385	EA		3/8" Flexible 45 Degree Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.38 1.89 1.89	5.04
26 05 33 13-2386	EA		1/2" Flexible 45 Degree Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.45 2.21 2.21	4.62
26 05 33 13-2387	EA		3/4" Flexible 45 Degree Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.73 2.52 2.52	5.04
26 05 33 13-2388			Plain Screw-In Connector (26 05 33 13-2321)		
26 05 33 13-2389	EA		3/8" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16 1.42 1.42	3.36
26 05 33 13-2390	EA		1/2" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61 1.58 1.58	3.78
26 05 33 13-2391	EA		3/4" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.03 1.89 1.89	4.62
26 05 33 13-2392	EA		1" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.86 2.52 2.52	5.04
26 05 33 13-2393	EA		1-1/4" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93 3.15 3.15	5.88
26 05 33 13-2394	EA		1-1/2" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.11 3.94 3.94	6.30
26 05 33 13-2395	EA		2" Flexible Steel Screw-in Connector, Plain..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.04 4.73 4.73	7.14
26 05 33 13-2396			Insulated Screw-In Connector (26 05 33 13-2321)		
26 05 33 13-2397	EA		3/8" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.38 1.42 1.42	3.36
26 05 33 13-2398	EA		1/2" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.78 1.58 1.58	3.78
26 05 33 13-2399	EA		3/4" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.46 1.89 1.89	4.62
26 05 33 13-2400	EA		1" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.52 2.52 2.52	5.04
26 05 33 13-2401	EA		1-1/4" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.87 3.15 3.15	5.88
26 05 33 13-2402	EA		1-1/2" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.25 3.94 3.94	6.30
26 05 33 13-2403	EA		2" Flexible Steel Screw-in Connector, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.04 4.73 4.73	7.14
26 05 33 13-2404			Screw-In Coupling (26 05 33 13-2321)		
26 05 33 13-2405	EA		1/2" Flexible Steel Screw-in Coupling..... <i>For Work In Restricted Working Space, Add</i>	6.02 1.58	3.78
26 05 33 13-2406	EA		3/4" Flexible Steel Screw-in Coupling..... <i>For Work In Restricted Working Space, Add</i>	7.72 1.89	4.62
26 05 33 13-2407			Flexible To Electrical Metallic Tubing (EMT) Coupling (26 05 33 13-2321)		
26 05 33 13-2408	EA		3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling..... <i>For Work In Restricted Working Space, Add</i>	7.37 1.42	3.36
26 05 33 13-2409	EA		1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling..... <i>For Work In Restricted Working Space, Add</i>	9.65 1.58	3.78
26 05 33 13-2410	EA		3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling..... <i>For Work In Restricted Working Space, Add</i>	12.55 1.89	4.62
26 05 33 13-2411			Die Cast Squeeze Type Straight Connector (26 05 33 13-2321)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2412	EA		3/8" Flexible Straight Connector, Die Cast.....	5.29	3.36
			<i>For Work In Restricted Working Space, Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.42	
26 05 33 13-2413	EA		1/2" Flexible Straight Connector, Die Cast.....	5.95	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.58	
26 05 33 13-2414	EA		3/4" Flexible Straight Connector, Die Cast.....	7.32	4.62
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2415	EA		1" Flexible Straight Connector, Die Cast.....	10.67	5.04
			<i>For Work In Restricted Working Space, Add</i>	2.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.52	
26 05 33 13-2416	EA		1-1/4" Flexible Straight Connector, Die Cast.....	14.13	5.88
			<i>For Work In Restricted Working Space, Add</i>	3.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 33 13-2417	EA		1-1/2" Flexible Straight Connector, Die Cast.....	18.82	6.30
			<i>For Work In Restricted Working Space, Add</i>	3.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.94	
26 05 33 13-2418	EA		2" Flexible Straight Connector, Die Cast.....	23.95	7.14
			<i>For Work In Restricted Working Space, Add</i>	4.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.73	
26 05 33 13-2419			Die Cast Squeeze Type 90 Degree Connector (26 05 33 13-232 1)		
26 05 33 13-2420	EA		3/8" Flexible 90 Degree Connector, Die Cast.....	7.02	4.20
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2421	EA		1/2" Flexible 90 Degree Connector, Die Cast.....	8.56	4.62
			<i>For Work In Restricted Working Space, Add</i>	2.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.21	
26 05 33 13-2422	EA		3/4" Flexible 90 Degree Connector, Die Cast.....	10.21	5.04
			<i>For Work In Restricted Working Space, Add</i>	2.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.52	
26 05 33 13-2423	EA		1" Flexible 90 Degree Connector, Die Cast.....	15.31	5.88
			<i>For Work In Restricted Working Space, Add</i>	3.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 33 13-2424	EA		1-1/4" Flexible 90 Degree Connector, Die Cast.....	21.00	6.30
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-2425	EA		1-1/2" Flexible 90 Degree Connector, Die Cast.....	31.43	7.35
			<i>For Work In Restricted Working Space, Add</i>	4.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.73	
26 05 33 13-2426	EA		2" Flexible 90 Degree Connector, Die Cast.....	37.27	9.03
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-2427			Flexible Liquid Tight Non-Metallic Conduit And Connectors (26 05 33 13-2279)		
26 05 33 13-2428			Flexible Liquid Tight Non-Metallic Conduit (26 05 33 13-2427)		
26 05 33 13-2429	LF		3/8" Flexible Liquid Tight Non-Metallic Conduit.....	3.64	1.15
			<i>For Work In Restricted Working Space, Add</i>	0.86	
26 05 33 13-2430	LF		1/2" Flexible Liquid Tight Non-Metallic Conduit.....	3.70	1.15
			<i>For Work In Restricted Working Space, Add</i>	0.86	
26 05 33 13-2431	LF		3/4" Flexible Liquid Tight Non-Metallic Conduit.....	4.98	1.53
			<i>For Work In Restricted Working Space, Add</i>	1.15	
26 05 33 13-2432	LF		1" Flexible Liquid Tight Non-Metallic Conduit.....	6.14	1.53
			<i>For Work In Restricted Working Space, Add</i>	1.15	
26 05 33 13-2433	LF		1-1/4" Flexible Liquid Tight Non-Metallic Conduit.....	7.79	1.91
			<i>For Work In Restricted Working Space, Add</i>	1.44	
26 05 33 13-2434	LF		1-1/2" Flexible Liquid Tight Non-Metallic Conduit.....	9.91	2.30
			<i>For Work In Restricted Working Space, Add</i>	1.73	
26 05 33 13-2435	LF		2" Flexible Liquid Tight Non-Metallic Conduit.....	12.76	3.07
			<i>For Work In Restricted Working Space, Add</i>	2.30	
26 05 33 13-2436			Liquid Tight Non-Metallic Straight Connector (26 05 33 13-2427)		
26 05 33 13-2437	EA		3/8" Liquid Tight Non-Metallic Straight Connector.....	10.48	3.07
			<i>For Work In Restricted Working Space, Add</i>	2.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.30	
26 05 33 13-2438	EA		1/2" Liquid Tight Non-Metallic Straight Connector.....	10.48	3.07
			<i>For Work In Restricted Working Space, Add</i>	2.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.30	
26 05 33 13-2439	EA		3/4" Liquid Tight Non-Metallic Straight Connector.....	12.77	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33 13-2440	EA		1" Liquid Tight Non-Metallic Straight Connector.....	15.82	3.84
			<i>For Work In Restricted Working Space, Add</i>	2.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 33 13-2441	EA		1-1/4" Liquid Tight Non-Metallic Straight Connector.....	21.72	4.22
			<i>For Work In Restricted Working Space, Add</i>	3.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 33 13-2442	EA		1-1/2" Liquid Tight Non-Metallic Straight Connector.....	27.05	4.60
			<i>For Work In Restricted Working Space, Add</i>	3.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-2443	EA		2" Liquid Tight Non-Metallic Straight Connector.....	41.95	5.37
			<i>For Work In Restricted Working Space, Add</i>	4.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.03	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

26 05 33 13-2444 Liquid Tight Non-Metallic 90 Degree Angle Connector <small>(26 05 33 13-2427)</small>				
26 05 33 13-2445	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	15.11	4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 33 13-2446	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	15.11	4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 33 13-2447	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	18.51	4.60
		<i>For Work In Restricted Working Space, Add</i>	3.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-2448	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	26.08	5.37
		<i>For Work In Restricted Working Space, Add</i>	4.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.03	
26 05 33 13-2449	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	26.97	5.75
		<i>For Work In Restricted Working Space, Add</i>	4.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	
26 05 33 13-2450	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	42.32	6.13
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-2451	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector.....	56.75	6.90
		<i>For Work In Restricted Working Space, Add</i>	5.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 05 33 13-2452 Liquid Tight Non-Metallic 45 Degree Angle Connector <small>(26 05 33 13-2427)</small>				
26 05 33 13-2453	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	15.11	4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 33 13-2454	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	15.11	4.22
		<i>For Work In Restricted Working Space, Add</i>	3.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 33 13-2455	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	18.51	4.60
		<i>For Work In Restricted Working Space, Add</i>	3.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.45	
26 05 33 13-2456	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	26.08	5.37
		<i>For Work In Restricted Working Space, Add</i>	4.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.03	
26 05 33 13-2457	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	26.97	5.75
		<i>For Work In Restricted Working Space, Add</i>	4.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	
26 05 33 13-2458	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	42.32	6.13
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-2459	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	56.75	6.90
		<i>For Work In Restricted Working Space, Add</i>	5.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 05 33 13-2460		Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2279)</small>		
		Note: Carlon - FLEX-PLUS.		
26 05 33 13-2461 Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2460)</small>				
26 05 33 13-2462	LF	1/2" Blue ENT Electrical Non-Metallic Tubing.....	3.41	1.26
		<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2463	LF	3/4" Blue ENT Electrical Non-Metallic Tubing.....	4.56	1.68
		<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 33 13-2464	LF	1" Blue ENT Electrical Non-Metallic Tubing.....	4.79	1.68
		<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 33 13-2465 Terminal Adapter <small>(26 05 33 13-2460)</small>				
26 05 33 13-2466	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	8.82	3.36
		<i>For Work In Restricted Working Space, Add</i>	2.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.52	
26 05 33 13-2467	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	10.24	3.78
		<i>For Work In Restricted Working Space, Add</i>	2.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.84	
26 05 33 13-2468	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	11.51	4.20
		<i>For Work In Restricted Working Space, Add</i>	3.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 33 13-2469 Coupling <small>(26 05 33 13-2460)</small>				
26 05 33 13-2470	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	8.76	3.36
		<i>For Work In Restricted Working Space, Add</i>	2.52	
26 05 33 13-2471	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	9.94	3.78
		<i>For Work In Restricted Working Space, Add</i>	2.84	
26 05 33 13-2472	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	11.23	4.20
		<i>For Work In Restricted Working Space, Add</i>	3.15	
26 05 33 13-2473		Conduit Bodies <small>(26 05 33 13-0057)</small>		
26 05 33 13-2474		Threaded, Cast Aluminum Conduit Body <small>(26 05 33 13-2473)</small>		
26 05 33 13-2475		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body <small>(26 05 33 13-2474)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2476	EA	1/2"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 52.29	18.41	
			<i>For Work In Restricted Working Space, Add</i>	13.81	
			<i>For Elevated Installation >10' To 15', Add</i>	4.60	
			<i>For Elevated Installation >15' To 20', Add</i>	9.21	
			<i>For Elevated Installation >20' To 25', Add</i>	11.51	
			<i>For Elevated Installation >25' To 30', Add</i>	16.11	
			<i>For Elevated Installation >30' To 35', Add</i>	18.41	
			<i>For Elevated Installation >35' To 40', Add</i>	23.02	
			<i>For Elevated Installation >40', Add</i>	25.32	
			<i>For Mogul LB, Add</i>	2.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.81	
26 05 33 13-2477	EA	3/4"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 61.25	21.09	
			<i>For Work In Restricted Working Space, Add</i>	15.83	
			<i>For Elevated Installation >10' To 15', Add</i>	5.28	
			<i>For Elevated Installation >15' To 20', Add</i>	10.55	
			<i>For Elevated Installation >20' To 25', Add</i>	13.19	
			<i>For Elevated Installation >25' To 30', Add</i>	18.46	
			<i>For Elevated Installation >30' To 35', Add</i>	21.10	
			<i>For Elevated Installation >35' To 40', Add</i>	26.38	
			<i>For Elevated Installation >40', Add</i>	29.01	
			<i>For Mogul LB, Add</i>	3.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.83	
26 05 33 13-2478	EA	1"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 73.47	24.55	
			<i>For Work In Restricted Working Space, Add</i>	18.41	
			<i>For Elevated Installation >10' To 15', Add</i>	6.14	
			<i>For Elevated Installation >15' To 20', Add</i>	12.27	
			<i>For Elevated Installation >20' To 25', Add</i>	15.34	
			<i>For Elevated Installation >25' To 30', Add</i>	21.48	
			<i>For Elevated Installation >30' To 35', Add</i>	24.55	
			<i>For Elevated Installation >35' To 40', Add</i>	30.69	
			<i>For Elevated Installation >40', Add</i>	33.75	
			<i>For Mogul LB, Add</i>	6.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.41	
26 05 33 13-2479	EA	1-1/4"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 88.06	28.00	
			<i>For Work In Restricted Working Space, Add</i>	21.00	
			<i>For Elevated Installation >10' To 15', Add</i>	7.00	
			<i>For Elevated Installation >15' To 20', Add</i>	14.00	
			<i>For Elevated Installation >20' To 25', Add</i>	17.50	
			<i>For Elevated Installation >25' To 30', Add</i>	24.50	
			<i>For Elevated Installation >30' To 35', Add</i>	28.00	
			<i>For Elevated Installation >35' To 40', Add</i>	35.00	
			<i>For Elevated Installation >40', Add</i>	38.50	
			<i>For Mogul LB, Add</i>	10.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.00	
26 05 33 13-2480	EA	1-1/2"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 100.02	30.68	
			<i>For Work In Restricted Working Space, Add</i>	23.02	
			<i>For Elevated Installation >10' To 15', Add</i>	7.67	
			<i>For Elevated Installation >15' To 20', Add</i>	15.34	
			<i>For Elevated Installation >20' To 25', Add</i>	19.18	
			<i>For Elevated Installation >25' To 30', Add</i>	26.85	
			<i>For Elevated Installation >30' To 35', Add</i>	30.69	
			<i>For Elevated Installation >35' To 40', Add</i>	38.36	
			<i>For Elevated Installation >40', Add</i>	42.20	
			<i>For Mogul LB, Add</i>	13.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-2481	EA	2"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 129.70	36.82	
			<i>For Work In Restricted Working Space, Add</i>	27.62	
			<i>For Elevated Installation >10' To 15', Add</i>	9.21	
			<i>For Elevated Installation >15' To 20', Add</i>	18.41	
			<i>For Elevated Installation >20' To 25', Add</i>	23.02	
			<i>For Elevated Installation >25' To 30', Add</i>	32.22	
			<i>For Elevated Installation >30' To 35', Add</i>	36.82	
			<i>For Elevated Installation >35' To 40', Add</i>	46.03	
			<i>For Elevated Installation >40', Add</i>	50.63	
			<i>For Mogul LB, Add</i>	23.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.62	
26 05 33 13-2482	EA	2-1/2"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 212.76	51.79	
			<i>For Work In Restricted Working Space, Add</i>	38.84	
			<i>For Elevated Installation >10' To 15', Add</i>	12.95	
			<i>For Elevated Installation >15' To 20', Add</i>	25.89	
			<i>For Elevated Installation >20' To 25', Add</i>	32.37	
			<i>For Elevated Installation >25' To 30', Add</i>	45.31	
			<i>For Elevated Installation >30' To 35', Add</i>	51.78	
			<i>For Elevated Installation >35' To 40', Add</i>	64.73	
			<i>For Elevated Installation >40', Add</i>	71.20	
			<i>For Mogul LB, Add</i>	56.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.84	
26 05 33 13-2483	EA	3"	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 280.16	69.04	
			<i>For Work In Restricted Working Space, Add</i>	51.78	
			<i>For Elevated Installation >10' To 15', Add</i>	17.26	
			<i>For Elevated Installation >15' To 20', Add</i>	34.52	
			<i>For Elevated Installation >20' To 25', Add</i>	43.15	
			<i>For Elevated Installation >25' To 30', Add</i>	60.41	
			<i>For Elevated Installation >30' To 35', Add</i>	69.04	
			<i>For Elevated Installation >35' To 40', Add</i>	86.31	
			<i>For Elevated Installation >40', Add</i>	94.94	
			<i>For Mogul LB, Add</i>	72.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2484	EA 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	369.59 64.73 21.58 43.15 53.94 75.52 86.31 107.89 118.67 104.58 64.73	86.31
26 05 33 13-2485	EA 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	476.50 78.83 26.28 52.55 65.69 91.96 105.10 131.38 144.51 147.18 78.83	105.10
26 05 33 13-2486	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2474)</small>		
26 05 33 13-2487	EA 1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.05 13.81 4.60 9.21 11.51 16.11 18.41 23.02 25.32 2.96 13.81	18.41
26 05 33 13-2488	EA 3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.99 15.83 5.28 10.55 13.19 18.46 21.10 26.38 29.01 4.29 15.83	21.09
26 05 33 13-2489	EA 1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.96 18.41 6.14 12.27 15.34 21.48 24.55 30.69 33.75 7.12 18.41	24.55
26 05 33 13-2490	EA 1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.88 21.00 7.00 14.00 17.50 24.50 28.00 35.00 38.50 11.41 21.00	28.00
26 05 33 13-2491	EA 1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Mogul LB, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.12 23.02 7.67 15.34 19.18 26.85 30.69 38.36 42.20 15.96 23.02	30.68

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2492	EA	2"	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....136.35	136.35	36.82
			<i>For Work In Restricted Working Space, Add</i>	27.62	
			<i>For Elevated Installation >10' To 15', Add</i>	9.21	
			<i>For Elevated Installation >15' To 20', Add</i>	18.41	
			<i>For Elevated Installation >20' To 25', Add</i>	23.02	
			<i>For Elevated Installation >25' To 30', Add</i>	32.22	
			<i>For Elevated Installation >30' To 35', Add</i>	36.82	
			<i>For Elevated Installation >35' To 40', Add</i>	46.03	
			<i>For Elevated Installation >40', Add</i>	50.63	
			<i>For Mogul LB, Add</i>	28.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.62	
26 05 33 13-2493	EA	2-1/2"	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....209.40	209.40	51.79
			<i>For Work In Restricted Working Space, Add</i>	38.84	
			<i>For Elevated Installation >10' To 15', Add</i>	12.95	
			<i>For Elevated Installation >15' To 20', Add</i>	25.89	
			<i>For Elevated Installation >20' To 25', Add</i>	32.37	
			<i>For Elevated Installation >25' To 30', Add</i>	45.31	
			<i>For Elevated Installation >30' To 35', Add</i>	51.78	
			<i>For Elevated Installation >35' To 40', Add</i>	64.73	
			<i>For Elevated Installation >40', Add</i>	71.20	
			<i>For Mogul LB, Add</i>	53.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.84	
26 05 33 13-2494	EA	3"	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....268.87	268.87	69.04
			<i>For Work In Restricted Working Space, Add</i>	51.78	
			<i>For Elevated Installation >10' To 15', Add</i>	17.26	
			<i>For Elevated Installation >15' To 20', Add</i>	34.52	
			<i>For Elevated Installation >20' To 25', Add</i>	43.15	
			<i>For Elevated Installation >25' To 30', Add</i>	60.41	
			<i>For Elevated Installation >30' To 35', Add</i>	69.04	
			<i>For Elevated Installation >35' To 40', Add</i>	86.31	
			<i>For Elevated Installation >40', Add</i>	94.94	
			<i>For Mogul LB, Add</i>	63.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.78	
26 05 33 13-2495	EA	3-1/2"	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....379.21	379.21	86.31
			<i>For Work In Restricted Working Space, Add</i>	64.73	
			<i>For Elevated Installation >10' To 15', Add</i>	21.58	
			<i>For Elevated Installation >15' To 20', Add</i>	43.15	
			<i>For Elevated Installation >20' To 25', Add</i>	53.94	
			<i>For Elevated Installation >25' To 30', Add</i>	75.52	
			<i>For Elevated Installation >30' To 35', Add</i>	86.31	
			<i>For Elevated Installation >35' To 40', Add</i>	107.89	
			<i>For Elevated Installation >40', Add</i>	118.67	
			<i>For Mogul LB, Add</i>	111.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.73	
26 05 33 13-2496	EA	4"	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....496.16	496.16	105.10
			<i>For Work In Restricted Working Space, Add</i>	78.83	
			<i>For Elevated Installation >10' To 15', Add</i>	26.28	
			<i>For Elevated Installation >15' To 20', Add</i>	52.55	
			<i>For Elevated Installation >20' To 25', Add</i>	65.69	
			<i>For Elevated Installation >25' To 30', Add</i>	91.96	
			<i>For Elevated Installation >30' To 35', Add</i>	105.10	
			<i>For Elevated Installation >35' To 40', Add</i>	131.38	
			<i>For Elevated Installation >40', Add</i>	144.51	
			<i>For Mogul LB, Add</i>	161.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.83	
26 05 33 13-2497	Type T,	Threaded, Three Hub Cast Aluminum Conduit Body With Cover (26 05			
		<small>33 13-2474)</small>			
26 05 33 13-2498	EA	1/2"	Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....61.05	61.05	21.09
			<i>For Work In Restricted Working Space, Add</i>	15.83	
			<i>For Elevated Installation >10' To 15', Add</i>	5.28	
			<i>For Elevated Installation >15' To 20', Add</i>	10.55	
			<i>For Elevated Installation >20' To 25', Add</i>	13.19	
			<i>For Elevated Installation >25' To 30', Add</i>	18.46	
			<i>For Elevated Installation >30' To 35', Add</i>	21.10	
			<i>For Elevated Installation >35' To 40', Add</i>	26.38	
			<i>For Elevated Installation >40', Add</i>	29.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.83	
26 05 33 13-2499	EA	3/4"	Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....72.05	72.05	24.55
			<i>For Work In Restricted Working Space, Add</i>	18.41	
			<i>For Elevated Installation >10' To 15', Add</i>	6.14	
			<i>For Elevated Installation >15' To 20', Add</i>	12.27	
			<i>For Elevated Installation >20' To 25', Add</i>	15.34	
			<i>For Elevated Installation >25' To 30', Add</i>	21.48	
			<i>For Elevated Installation >30' To 35', Add</i>	24.55	
			<i>For Elevated Installation >35' To 40', Add</i>	30.69	
			<i>For Elevated Installation >40', Add</i>	33.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.41	
26 05 33 13-2500	EA	1"	Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....82.24	82.24	26.85
			<i>For Work In Restricted Working Space, Add</i>	20.14	
			<i>For Elevated Installation >10' To 15', Add</i>	6.71	
			<i>For Elevated Installation >15' To 20', Add</i>	13.43	
			<i>For Elevated Installation >20' To 25', Add</i>	16.78	
			<i>For Elevated Installation >25' To 30', Add</i>	23.50	
			<i>For Elevated Installation >30' To 35', Add</i>	26.85	
			<i>For Elevated Installation >35' To 40', Add</i>	33.57	
			<i>For Elevated Installation >40', Add</i>	36.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2501 EA 1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	99.63	30.68
For Work In Restricted Working Space, Add	23.02	
For Elevated Installation >10' To 15', Add	7.67	
For Elevated Installation >15' To 20', Add	15.34	
For Elevated Installation >20' To 25', Add	19.18	
For Elevated Installation >25' To 30', Add	26.85	
For Elevated Installation >30' To 35', Add	30.69	
For Elevated Installation >35' To 40', Add	38.36	
For Elevated Installation >40', Add	42.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-2502 EA 1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	114.17	33.76
For Work In Restricted Working Space, Add	25.32	
For Elevated Installation >10' To 15', Add	8.44	
For Elevated Installation >15' To 20', Add	16.88	
For Elevated Installation >20' To 25', Add	21.10	
For Elevated Installation >25' To 30', Add	29.54	
For Elevated Installation >30' To 35', Add	33.76	
For Elevated Installation >35' To 40', Add	42.20	
For Elevated Installation >40', Add	46.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.32	
26 05 33 13-2503 EA 2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	149.70	39.51
For Work In Restricted Working Space, Add	29.63	
For Elevated Installation >10' To 15', Add	9.88	
For Elevated Installation >15' To 20', Add	19.75	
For Elevated Installation >20' To 25', Add	24.69	
For Elevated Installation >25' To 30', Add	34.57	
For Elevated Installation >30' To 35', Add	39.51	
For Elevated Installation >35' To 40', Add	49.39	
For Elevated Installation >40', Add	54.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.63	
26 05 33 13-2504 EA 2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	233.83	57.54
For Work In Restricted Working Space, Add	43.15	
For Elevated Installation >10' To 15', Add	14.38	
For Elevated Installation >15' To 20', Add	28.77	
For Elevated Installation >20' To 25', Add	35.96	
For Elevated Installation >25' To 30', Add	50.34	
For Elevated Installation >30' To 35', Add	57.54	
For Elevated Installation >35' To 40', Add	71.92	
For Elevated Installation >40', Add	79.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.15	
26 05 33 13-2505 EA 3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	302.36	74.80
For Work In Restricted Working Space, Add	56.10	
For Elevated Installation >10' To 15', Add	18.70	
For Elevated Installation >15' To 20', Add	37.40	
For Elevated Installation >20' To 25', Add	46.75	
For Elevated Installation >25' To 30', Add	65.45	
For Elevated Installation >30' To 35', Add	74.80	
For Elevated Installation >35' To 40', Add	93.50	
For Elevated Installation >40', Add	102.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.10	
26 05 33 13-2506 EA 3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	469.75	92.06
For Work In Restricted Working Space, Add	69.05	
For Elevated Installation >10' To 15', Add	23.02	
For Elevated Installation >15' To 20', Add	46.03	
For Elevated Installation >20' To 25', Add	57.54	
For Elevated Installation >25' To 30', Add	80.55	
For Elevated Installation >30' To 35', Add	92.06	
For Elevated Installation >35' To 40', Add	115.08	
For Elevated Installation >40', Add	126.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	69.05	
26 05 33 13-2507 EA 4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	540.94	110.86
For Work In Restricted Working Space, Add	83.14	
For Elevated Installation >10' To 15', Add	27.71	
For Elevated Installation >15' To 20', Add	55.43	
For Elevated Installation >20' To 25', Add	69.29	
For Elevated Installation >25' To 30', Add	97.00	
For Elevated Installation >30' To 35', Add	110.86	
For Elevated Installation >35' To 40', Add	138.57	
For Elevated Installation >40', Add	152.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	83.14	
26 05 33 13-2508 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2474)</small>		
26 05 33 13-2509 EA 1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	53.20	18.41
For Work In Restricted Working Space, Add	13.81	
For Elevated Installation >10' To 15', Add	4.60	
For Elevated Installation >15' To 20', Add	9.21	
For Elevated Installation >20' To 25', Add	11.51	
For Elevated Installation >25' To 30', Add	16.11	
For Elevated Installation >30' To 35', Add	18.41	
For Elevated Installation >35' To 40', Add	23.02	
For Elevated Installation >40', Add	25.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.81	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2510	EA 3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	61.46	21.09
	For Work In Restricted Working Space, Add	15.83	
	For Elevated Installation >10' To 15', Add	5.28	
	For Elevated Installation >15' To 20', Add	10.55	
	For Elevated Installation >20' To 25', Add	13.19	
	For Elevated Installation >25' To 30', Add	18.46	
	For Elevated Installation >30' To 35', Add	21.10	
	For Elevated Installation >35' To 40', Add	26.38	
	For Elevated Installation >40', Add	29.01	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.83	
26 05 33 13-2511	EA 1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	73.39	24.17
	For Work In Restricted Working Space, Add	18.12	
	For Elevated Installation >10' To 15', Add	6.04	
	For Elevated Installation >15' To 20', Add	12.08	
	For Elevated Installation >20' To 25', Add	15.10	
	For Elevated Installation >25' To 30', Add	21.14	
	For Elevated Installation >30' To 35', Add	24.16	
	For Elevated Installation >35' To 40', Add	30.21	
	For Elevated Installation >40', Add	33.23	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.12	
26 05 33 13-2512	EA 1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	89.16	28.00
	For Work In Restricted Working Space, Add	21.00	
	For Elevated Installation >10' To 15', Add	7.00	
	For Elevated Installation >15' To 20', Add	14.00	
	For Elevated Installation >20' To 25', Add	17.50	
	For Elevated Installation >25' To 30', Add	24.50	
	For Elevated Installation >30' To 35', Add	28.00	
	For Elevated Installation >35' To 40', Add	35.00	
	For Elevated Installation >40', Add	38.50	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.00	
26 05 33 13-2513	EA 1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	99.51	30.68
	For Work In Restricted Working Space, Add	23.02	
	For Elevated Installation >10' To 15', Add	7.67	
	For Elevated Installation >15' To 20', Add	15.34	
	For Elevated Installation >20' To 25', Add	19.18	
	For Elevated Installation >25' To 30', Add	26.85	
	For Elevated Installation >30' To 35', Add	30.69	
	For Elevated Installation >35' To 40', Add	38.36	
	For Elevated Installation >40', Add	42.20	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-2514	EA 2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	129.75	36.82
	For Work In Restricted Working Space, Add	27.62	
	For Elevated Installation >10' To 15', Add	9.21	
	For Elevated Installation >15' To 20', Add	18.41	
	For Elevated Installation >20' To 25', Add	23.02	
	For Elevated Installation >25' To 30', Add	32.22	
	For Elevated Installation >30' To 35', Add	36.82	
	For Elevated Installation >35' To 40', Add	46.03	
	For Elevated Installation >40', Add	50.63	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.62	
26 05 33 13-2515	EA 2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	206.57	51.79
	For Work In Restricted Working Space, Add	38.84	
	For Elevated Installation >10' To 15', Add	12.95	
	For Elevated Installation >15' To 20', Add	25.89	
	For Elevated Installation >20' To 25', Add	32.37	
	For Elevated Installation >25' To 30', Add	45.31	
	For Elevated Installation >30' To 35', Add	51.78	
	For Elevated Installation >35' To 40', Add	64.73	
	For Elevated Installation >40', Add	71.20	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.84	
26 05 33 13-2516	EA 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	267.07	69.04
	For Work In Restricted Working Space, Add	51.78	
	For Elevated Installation >10' To 15', Add	17.26	
	For Elevated Installation >15' To 20', Add	34.52	
	For Elevated Installation >20' To 25', Add	43.15	
	For Elevated Installation >25' To 30', Add	60.41	
	For Elevated Installation >30' To 35', Add	69.04	
	For Elevated Installation >35' To 40', Add	86.31	
	For Elevated Installation >40', Add	94.94	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.78	
26 05 33 13-2517	EA 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	373.43	86.31
	For Work In Restricted Working Space, Add	64.73	
	For Elevated Installation >10' To 15', Add	21.58	
	For Elevated Installation >15' To 20', Add	43.15	
	For Elevated Installation >20' To 25', Add	53.94	
	For Elevated Installation >25' To 30', Add	75.52	
	For Elevated Installation >30' To 35', Add	86.31	
	For Elevated Installation >35' To 40', Add	107.89	
	For Elevated Installation >40', Add	118.67	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.73	
26 05 33 13-2518	EA 4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	478.30	105.10
	For Work In Restricted Working Space, Add	78.83	
	For Elevated Installation >10' To 15', Add	26.28	
	For Elevated Installation >15' To 20', Add	52.55	
	For Elevated Installation >20' To 25', Add	65.69	
	For Elevated Installation >25' To 30', Add	91.96	
	For Elevated Installation >30' To 35', Add	105.10	
	For Elevated Installation >35' To 40', Add	131.38	
	For Elevated Installation >40', Add	144.51	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	78.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2519	Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2474)</small>		
26 05 33 13-2520	EA 1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	70.59	24.17
	<i>For Work In Restricted Working Space, Add</i>	18.12	
	<i>For Elevated Installation >10' To 15', Add</i>	6.04	
	<i>For Elevated Installation >15' To 20', Add</i>	12.08	
	<i>For Elevated Installation >20' To 25', Add</i>	15.10	
	<i>For Elevated Installation >25' To 30', Add</i>	21.14	
	<i>For Elevated Installation >30' To 35', Add</i>	24.16	
	<i>For Elevated Installation >35' To 40', Add</i>	30.21	
	<i>For Elevated Installation >40', Add</i>	33.23	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.12	
26 05 33 13-2521	EA 3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	80.90	26.85
	<i>For Work In Restricted Working Space, Add</i>	20.14	
	<i>For Elevated Installation >10' To 15', Add</i>	6.71	
	<i>For Elevated Installation >15' To 20', Add</i>	13.43	
	<i>For Elevated Installation >20' To 25', Add</i>	16.78	
	<i>For Elevated Installation >25' To 30', Add</i>	23.50	
	<i>For Elevated Installation >30' To 35', Add</i>	26.85	
	<i>For Elevated Installation >35' To 40', Add</i>	33.57	
	<i>For Elevated Installation >40', Add</i>	36.92	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.14	
26 05 33 13-2522	EA 1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	97.14	29.54
	<i>For Work In Restricted Working Space, Add</i>	22.15	
	<i>For Elevated Installation >10' To 15', Add</i>	7.38	
	<i>For Elevated Installation >15' To 20', Add</i>	14.77	
	<i>For Elevated Installation >20' To 25', Add</i>	18.46	
	<i>For Elevated Installation >25' To 30', Add</i>	25.84	
	<i>For Elevated Installation >30' To 35', Add</i>	29.54	
	<i>For Elevated Installation >35' To 40', Add</i>	36.92	
	<i>For Elevated Installation >40', Add</i>	40.61	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.15	
26 05 33 13-2523	EA 1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	111.83	33.76
	<i>For Work In Restricted Working Space, Add</i>	25.32	
	<i>For Elevated Installation >10' To 15', Add</i>	8.44	
	<i>For Elevated Installation >15' To 20', Add</i>	16.88	
	<i>For Elevated Installation >20' To 25', Add</i>	21.10	
	<i>For Elevated Installation >25' To 30', Add</i>	29.54	
	<i>For Elevated Installation >30' To 35', Add</i>	33.76	
	<i>For Elevated Installation >35' To 40', Add</i>	42.20	
	<i>For Elevated Installation >40', Add</i>	46.41	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.32	
26 05 33 13-2524	EA 1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	140.12	36.82
	<i>For Work In Restricted Working Space, Add</i>	27.62	
	<i>For Elevated Installation >10' To 15', Add</i>	9.21	
	<i>For Elevated Installation >15' To 20', Add</i>	18.41	
	<i>For Elevated Installation >20' To 25', Add</i>	23.02	
	<i>For Elevated Installation >25' To 30', Add</i>	32.22	
	<i>For Elevated Installation >30' To 35', Add</i>	36.82	
	<i>For Elevated Installation >35' To 40', Add</i>	46.03	
	<i>For Elevated Installation >40', Add</i>	50.63	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.62	
26 05 33 13-2525	EA 2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	169.83	45.26
	<i>For Work In Restricted Working Space, Add</i>	33.95	
	<i>For Elevated Installation >10' To 15', Add</i>	11.32	
	<i>For Elevated Installation >15' To 20', Add</i>	22.63	
	<i>For Elevated Installation >20' To 25', Add</i>	28.29	
	<i>For Elevated Installation >25' To 30', Add</i>	39.61	
	<i>For Elevated Installation >30' To 35', Add</i>	45.26	
	<i>For Elevated Installation >35' To 40', Add</i>	56.58	
	<i>For Elevated Installation >40', Add</i>	62.24	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.95	
26 05 33 13-2526	EA 2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	306.50	66.36
	<i>For Work In Restricted Working Space, Add</i>	49.77	
	<i>For Elevated Installation >10' To 15', Add</i>	16.59	
	<i>For Elevated Installation >15' To 20', Add</i>	33.18	
	<i>For Elevated Installation >20' To 25', Add</i>	41.48	
	<i>For Elevated Installation >25' To 30', Add</i>	58.07	
	<i>For Elevated Installation >30' To 35', Add</i>	66.36	
	<i>For Elevated Installation >35' To 40', Add</i>	82.95	
	<i>For Elevated Installation >40', Add</i>	91.25	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.77	
26 05 33 13-2527	EA 3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	380.48	86.31
	<i>For Work In Restricted Working Space, Add</i>	64.73	
	<i>For Elevated Installation >10' To 15', Add</i>	21.58	
	<i>For Elevated Installation >15' To 20', Add</i>	43.15	
	<i>For Elevated Installation >20' To 25', Add</i>	53.94	
	<i>For Elevated Installation >25' To 30', Add</i>	75.52	
	<i>For Elevated Installation >30' To 35', Add</i>	86.31	
	<i>For Elevated Installation >35' To 40', Add</i>	107.89	
	<i>For Elevated Installation >40', Add</i>	118.67	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.73	
26 05 33 13-2528	EA 3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	534.15	106.64
	<i>For Work In Restricted Working Space, Add</i>	80.55	
	<i>For Elevated Installation >10' To 15', Add</i>	26.85	
	<i>For Elevated Installation >15' To 20', Add</i>	53.70	
	<i>For Elevated Installation >20' To 25', Add</i>	67.13	
	<i>For Elevated Installation >25' To 30', Add</i>	93.98	
	<i>For Elevated Installation >30' To 35', Add</i>	107.40	
	<i>For Elevated Installation >35' To 40', Add</i>	134.26	
	<i>For Elevated Installation >40', Add</i>	147.68	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.55	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2529	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	644.36	128.12
		<i>For Work In Restricted Working Space, Add</i>	96.09	
		<i>For Elevated Installation >10' To 15', Add</i>	32.03	
		<i>For Elevated Installation >15' To 20', Add</i>	64.06	
		<i>For Elevated Installation >20' To 25', Add</i>	80.07	
		<i>For Elevated Installation >25' To 30', Add</i>	112.10	
		<i>For Elevated Installation >30' To 35', Add</i>	128.12	
		<i>For Elevated Installation >35' To 40', Add</i>	160.15	
		<i>For Elevated Installation >40', Add</i>	176.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.09	

26 05 33 13-2530 Threaded, Malleable Iron Conduit Body (26 05 33 13-2473)

26 05 33 13-2531 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover (26 05 33 13-2530)

26 05 33 13-2532	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	54.42	18.41
		<i>For Elevated Installation >10' To 15', Add</i>	4.60	
		<i>For Elevated Installation >15' To 20', Add</i>	9.21	
		<i>For Elevated Installation >20' To 25', Add</i>	11.51	
		<i>For Elevated Installation >25' To 30', Add</i>	16.11	
		<i>For Elevated Installation >30' To 35', Add</i>	18.41	
		<i>For Elevated Installation >35' To 40', Add</i>	23.02	
		<i>For Elevated Installation >40', Add</i>	25.32	
		<i>For Work In Restricted Working Space, Add</i>	13.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.81	
26 05 33 13-2533	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	63.02	21.09
		<i>For Elevated Installation >10' To 15', Add</i>	5.27	
		<i>For Elevated Installation >15' To 20', Add</i>	10.55	
		<i>For Elevated Installation >20' To 25', Add</i>	13.19	
		<i>For Elevated Installation >25' To 30', Add</i>	18.46	
		<i>For Elevated Installation >30' To 35', Add</i>	21.10	
		<i>For Elevated Installation >35' To 40', Add</i>	26.37	
		<i>For Elevated Installation >40', Add</i>	29.01	
		<i>For Work In Restricted Working Space, Add</i>	15.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.82	
26 05 33 13-2534	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	76.69	24.55
		<i>For Elevated Installation >10' To 15', Add</i>	6.14	
		<i>For Elevated Installation >15' To 20', Add</i>	12.27	
		<i>For Elevated Installation >20' To 25', Add</i>	15.34	
		<i>For Elevated Installation >25' To 30', Add</i>	21.48	
		<i>For Elevated Installation >30' To 35', Add</i>	24.55	
		<i>For Elevated Installation >35' To 40', Add</i>	30.69	
		<i>For Elevated Installation >40', Add</i>	33.75	
		<i>For Work In Restricted Working Space, Add</i>	18.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.41	
26 05 33 13-2535	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	97.49	28.00
		<i>For Elevated Installation >10' To 15', Add</i>	7.00	
		<i>For Elevated Installation >15' To 20', Add</i>	14.00	
		<i>For Elevated Installation >20' To 25', Add</i>	17.50	
		<i>For Elevated Installation >25' To 30', Add</i>	24.50	
		<i>For Elevated Installation >30' To 35', Add</i>	28.00	
		<i>For Elevated Installation >35' To 40', Add</i>	35.00	
		<i>For Elevated Installation >40', Add</i>	38.50	
		<i>For Work In Restricted Working Space, Add</i>	21.00	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.00	
26 05 33 13-2536	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	110.44	30.68
		<i>For Elevated Installation >10' To 15', Add</i>	7.67	
		<i>For Elevated Installation >15' To 20', Add</i>	15.34	
		<i>For Elevated Installation >20' To 25', Add</i>	19.18	
		<i>For Elevated Installation >25' To 30', Add</i>	26.85	
		<i>For Elevated Installation >30' To 35', Add</i>	30.69	
		<i>For Elevated Installation >35' To 40', Add</i>	38.36	
		<i>For Elevated Installation >40', Add</i>	42.20	
		<i>For Work In Restricted Working Space, Add</i>	23.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-2537	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	148.50	36.82
		<i>For Elevated Installation >10' To 15', Add</i>	9.21	
		<i>For Elevated Installation >15' To 20', Add</i>	18.41	
		<i>For Elevated Installation >20' To 25', Add</i>	23.02	
		<i>For Elevated Installation >25' To 30', Add</i>	32.22	
		<i>For Elevated Installation >30' To 35', Add</i>	36.83	
		<i>For Elevated Installation >35' To 40', Add</i>	46.04	
		<i>For Elevated Installation >40', Add</i>	50.64	
		<i>For Work In Restricted Working Space, Add</i>	27.62	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.62	
26 05 33 13-2538	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	244.97	51.79
		<i>For Elevated Installation >10' To 15', Add</i>	12.95	
		<i>For Elevated Installation >15' To 20', Add</i>	25.89	
		<i>For Elevated Installation >20' To 25', Add</i>	32.37	
		<i>For Elevated Installation >25' To 30', Add</i>	45.31	
		<i>For Elevated Installation >30' To 35', Add</i>	51.78	
		<i>For Elevated Installation >35' To 40', Add</i>	64.73	
		<i>For Elevated Installation >40', Add</i>	71.20	
		<i>For Work In Restricted Working Space, Add</i>	38.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2539 EA 3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	344.94	69.04
For Elevated Installation >10' To 15', Add	17.26	
For Elevated Installation >15' To 20', Add	34.52	
For Elevated Installation >20' To 25', Add	43.16	
For Elevated Installation >25' To 30', Add	60.42	
For Elevated Installation >30' To 35', Add	69.05	
For Elevated Installation >35' To 40', Add	86.31	
For Elevated Installation >40', Add	94.94	
For Work In Restricted Working Space, Add	51.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.79	
26 05 33 13-2540 EA 3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	470.88	86.31
For Elevated Installation >10' To 15', Add	21.58	
For Elevated Installation >15' To 20', Add	43.15	
For Elevated Installation >20' To 25', Add	53.94	
For Elevated Installation >25' To 30', Add	75.52	
For Elevated Installation >30' To 35', Add	86.31	
For Elevated Installation >35' To 40', Add	107.89	
For Elevated Installation >40', Add	118.67	
For Work In Restricted Working Space, Add	64.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.73	
26 05 33 13-2541 EA 4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	564.43	105.10
For Elevated Installation >10' To 15', Add	26.28	
For Elevated Installation >15' To 20', Add	52.55	
For Elevated Installation >20' To 25', Add	65.69	
For Elevated Installation >25' To 30', Add	91.97	
For Elevated Installation >30' To 35', Add	105.10	
For Elevated Installation >35' To 40', Add	131.38	
For Elevated Installation >40', Add	144.52	
For Work In Restricted Working Space, Add	78.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	78.83	
26 05 33 13-2542 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover		
<small>(26 05 33 13-2530)</small>		
26 05 33 13-2543 EA 1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	56.36	18.41
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.81	
26 05 33 13-2544 EA 3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	63.59	21.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.82	
26 05 33 13-2545 EA 1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	79.66	24.55
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.41	
26 05 33 13-2546 EA 1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	99.48	28.00
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.00	
26 05 33 13-2547 EA 1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	112.87	30.68
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-2548 EA 2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	143.52	36.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.62	
26 05 33 13-2549 EA 2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	217.27	51.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.84	
26 05 33 13-2550 EA 3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	295.13	69.04
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.79	
26 05 33 13-2551 EA 3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	500.21	86.31
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.73	
26 05 33 13-2552 EA 4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	586.06	105.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	78.83	
26 05 33 13-2553 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover		
<small>(26 05 33 13-2530)</small>		
26 05 33 13-2554 EA 1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	66.60	21.09
For Elevated Installation >10' To 15', Add	5.28	
For Elevated Installation >15' To 20', Add	10.55	
For Elevated Installation >20' To 25', Add	13.19	
For Elevated Installation >25' To 30', Add	18.46	
For Elevated Installation >30' To 35', Add	21.10	
For Elevated Installation >35' To 40', Add	26.38	
For Elevated Installation >40', Add	29.01	
For Work In Restricted Working Space, Add	15.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.83	
26 05 33 13-2555 EA 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	78.53	24.55
For Elevated Installation >10' To 15', Add	6.23	
For Elevated Installation >15' To 20', Add	12.47	
For Elevated Installation >20' To 25', Add	15.59	
For Elevated Installation >25' To 30', Add	21.82	
For Elevated Installation >30' To 35', Add	24.94	
For Elevated Installation >35' To 40', Add	31.17	
For Elevated Installation >40', Add	34.29	
For Work In Restricted Working Space, Add	18.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.70	
26 05 33 13-2556 EA 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	91.62	26.85
For Elevated Installation >10' To 15', Add	6.71	
For Elevated Installation >15' To 20', Add	13.43	
For Elevated Installation >20' To 25', Add	16.78	
For Elevated Installation >25' To 30', Add	23.50	
For Elevated Installation >30' To 35', Add	26.85	
For Elevated Installation >35' To 40', Add	33.57	
For Elevated Installation >40', Add	36.92	
For Work In Restricted Working Space, Add	20.14	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.14	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2557	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	113.70	30.68
		<i>For Elevated Installation >10' To 15', Add</i>	7.58	
		<i>For Elevated Installation >15' To 20', Add</i>	15.15	
		<i>For Elevated Installation >20' To 25', Add</i>	18.94	
		<i>For Elevated Installation >25' To 30', Add</i>	26.51	
		<i>For Elevated Installation >30' To 35', Add</i>	30.30	
		<i>For Elevated Installation >35' To 40', Add</i>	37.88	
		<i>For Elevated Installation >40', Add</i>	41.66	
		<i>For Work In Restricted Working Space, Add</i>	22.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.73	
26 05 33 13-2558	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	129.99	33.76
		<i>For Elevated Installation >10' To 15', Add</i>	8.44	
		<i>For Elevated Installation >15' To 20', Add</i>	16.88	
		<i>For Elevated Installation >20' To 25', Add</i>	21.10	
		<i>For Elevated Installation >25' To 30', Add</i>	29.54	
		<i>For Elevated Installation >30' To 35', Add</i>	33.76	
		<i>For Elevated Installation >35' To 40', Add</i>	42.20	
		<i>For Elevated Installation >40', Add</i>	46.41	
		<i>For Work In Restricted Working Space, Add</i>	25.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.32	
26 05 33 13-2559	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	170.21	39.51
		<i>For Elevated Installation >10' To 15', Add</i>	9.88	
		<i>For Elevated Installation >15' To 20', Add</i>	19.75	
		<i>For Elevated Installation >20' To 25', Add</i>	24.69	
		<i>For Elevated Installation >25' To 30', Add</i>	34.57	
		<i>For Elevated Installation >30' To 35', Add</i>	39.51	
		<i>For Elevated Installation >35' To 40', Add</i>	49.39	
		<i>For Elevated Installation >40', Add</i>	54.32	
		<i>For Work In Restricted Working Space, Add</i>	29.63	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.63	
26 05 33 13-2560	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	218.79	57.54
		<i>For Elevated Installation >10' To 15', Add</i>	14.38	
		<i>For Elevated Installation >15' To 20', Add</i>	28.77	
		<i>For Elevated Installation >20' To 25', Add</i>	35.96	
		<i>For Elevated Installation >25' To 30', Add</i>	50.34	
		<i>For Elevated Installation >30' To 35', Add</i>	57.54	
		<i>For Elevated Installation >35' To 40', Add</i>	71.92	
		<i>For Elevated Installation >40', Add</i>	79.11	
		<i>For Work In Restricted Working Space, Add</i>	43.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.15	
26 05 33 13-2561	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	311.54	74.80
		<i>For Elevated Installation >10' To 15', Add</i>	18.70	
		<i>For Elevated Installation >15' To 20', Add</i>	37.40	
		<i>For Elevated Installation >20' To 25', Add</i>	46.75	
		<i>For Elevated Installation >25' To 30', Add</i>	65.45	
		<i>For Elevated Installation >30' To 35', Add</i>	74.80	
		<i>For Elevated Installation >35' To 40', Add</i>	93.50	
		<i>For Elevated Installation >40', Add</i>	102.85	
		<i>For Work In Restricted Working Space, Add</i>	56.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.10	
26 05 33 13-2562	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	528.14	92.06
		<i>For Elevated Installation >10' To 15', Add</i>	23.02	
		<i>For Elevated Installation >15' To 20', Add</i>	46.03	
		<i>For Elevated Installation >20' To 25', Add</i>	57.54	
		<i>For Elevated Installation >25' To 30', Add</i>	80.55	
		<i>For Elevated Installation >30' To 35', Add</i>	92.06	
		<i>For Elevated Installation >35' To 40', Add</i>	115.08	
		<i>For Elevated Installation >40', Add</i>	126.58	
		<i>For Work In Restricted Working Space, Add</i>	69.05	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.05	
26 05 33 13-2563	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	613.10	110.86
		<i>For Elevated Installation >10' To 15', Add</i>	27.81	
		<i>For Elevated Installation >15' To 20', Add</i>	55.62	
		<i>For Elevated Installation >20' To 25', Add</i>	69.52	
		<i>For Elevated Installation >25' To 30', Add</i>	97.33	
		<i>For Elevated Installation >30' To 35', Add</i>	111.24	
		<i>For Elevated Installation >35' To 40', Add</i>	139.05	
		<i>For Elevated Installation >40', Add</i>	152.95	
		<i>For Work In Restricted Working Space, Add</i>	83.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.43	
26 05 33 13-2564	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2530)</small>			
26 05 33 13-2565	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	54.55	18.41
		<i>For Elevated Installation >10' To 15', Add</i>	4.60	
		<i>For Elevated Installation >15' To 20', Add</i>	9.20	
		<i>For Elevated Installation >20' To 25', Add</i>	11.51	
		<i>For Elevated Installation >25' To 30', Add</i>	16.11	
		<i>For Elevated Installation >30' To 35', Add</i>	18.41	
		<i>For Elevated Installation >35' To 40', Add</i>	23.01	
		<i>For Elevated Installation >40', Add</i>	25.31	
		<i>For Work In Restricted Working Space, Add</i>	13.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2566 EA 3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	65.54	21.09
For Elevated Installation >10' To 15', Add	5.28	
For Elevated Installation >15' To 20', Add	10.55	
For Elevated Installation >20' To 25', Add	13.19	
For Elevated Installation >25' To 30', Add	18.46	
For Elevated Installation >30' To 35', Add	21.10	
For Elevated Installation >35' To 40', Add	26.38	
For Elevated Installation >40', Add	29.01	
For Work In Restricted Working Space, Add	15.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.83	
26 05 33 13-2567 EA 1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	76.43	24.17
For Elevated Installation >10' To 15', Add	6.04	
For Elevated Installation >15' To 20', Add	12.08	
For Elevated Installation >20' To 25', Add	15.10	
For Elevated Installation >25' To 30', Add	21.14	
For Elevated Installation >30' To 35', Add	24.16	
For Elevated Installation >35' To 40', Add	30.21	
For Elevated Installation >40', Add	33.23	
For Work In Restricted Working Space, Add	18.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.12	
26 05 33 13-2568 EA 1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	101.15	28.00
For Elevated Installation >10' To 15', Add	7.00	
For Elevated Installation >15' To 20', Add	14.00	
For Elevated Installation >20' To 25', Add	17.50	
For Elevated Installation >25' To 30', Add	24.50	
For Elevated Installation >30' To 35', Add	28.00	
For Elevated Installation >35' To 40', Add	35.00	
For Elevated Installation >40', Add	38.50	
For Work In Restricted Working Space, Add	21.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.00	
26 05 33 13-2569 EA 1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	117.29	30.68
For Elevated Installation >10' To 15', Add	7.67	
For Elevated Installation >15' To 20', Add	15.34	
For Elevated Installation >20' To 25', Add	19.18	
For Elevated Installation >25' To 30', Add	26.85	
For Elevated Installation >30' To 35', Add	30.69	
For Elevated Installation >35' To 40', Add	38.36	
For Elevated Installation >40', Add	42.20	
For Work In Restricted Working Space, Add	23.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-2570 EA 2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	150.45	36.82
For Elevated Installation >10' To 15', Add	9.21	
For Elevated Installation >15' To 20', Add	18.41	
For Elevated Installation >20' To 25', Add	23.02	
For Elevated Installation >25' To 30', Add	32.22	
For Elevated Installation >30' To 35', Add	36.82	
For Elevated Installation >35' To 40', Add	46.03	
For Elevated Installation >40', Add	50.63	
For Work In Restricted Working Space, Add	27.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.62	
26 05 33 13-2571 EA 2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	343.11	97.15
For Elevated Installation >10' To 15', Add	24.28	
For Elevated Installation >15' To 20', Add	48.55	
For Elevated Installation >20' To 25', Add	60.69	
For Elevated Installation >25' To 30', Add	84.96	
For Elevated Installation >30' To 35', Add	97.10	
For Elevated Installation >35' To 40', Add	121.38	
For Elevated Installation >40', Add	133.51	
For Work In Restricted Working Space, Add	72.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	72.83	
26 05 33 13-2572 EA 3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	316.05	69.04
For Elevated Installation >10' To 15', Add	17.26	
For Elevated Installation >15' To 20', Add	34.52	
For Elevated Installation >20' To 25', Add	43.16	
For Elevated Installation >25' To 30', Add	60.42	
For Elevated Installation >30' To 35', Add	69.05	
For Elevated Installation >35' To 40', Add	86.31	
For Elevated Installation >40', Add	94.94	
For Work In Restricted Working Space, Add	51.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.79	
26 05 33 13-2573 EA 3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	500.21	86.31
For Elevated Installation >10' To 15', Add	21.58	
For Elevated Installation >15' To 20', Add	43.15	
For Elevated Installation >20' To 25', Add	53.94	
For Elevated Installation >25' To 30', Add	75.52	
For Elevated Installation >30' To 35', Add	86.31	
For Elevated Installation >35' To 40', Add	107.89	
For Elevated Installation >40', Add	118.67	
For Work In Restricted Working Space, Add	64.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.73	
26 05 33 13-2574 EA 4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	586.04	105.10
For Elevated Installation >10' To 15', Add	26.27	
For Elevated Installation >15' To 20', Add	52.55	
For Elevated Installation >20' To 25', Add	65.69	
For Elevated Installation >25' To 30', Add	91.96	
For Elevated Installation >30' To 35', Add	105.10	
For Elevated Installation >35' To 40', Add	131.37	
For Elevated Installation >40', Add	144.51	
For Work In Restricted Working Space, Add	78.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	78.82	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2575	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover ^(26 05 33)		
26 05 33 13-2576	EA 1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... ⁽¹³⁻²⁵³⁰⁾	75.76	24.17
	For Elevated Installation >10' To 15', Add	6.04	
	For Elevated Installation >15' To 20', Add	12.08	
	For Elevated Installation >20' To 25', Add	15.10	
	For Elevated Installation >25' To 30', Add	21.14	
	For Elevated Installation >30' To 35', Add	24.16	
	For Elevated Installation >35' To 40', Add	30.21	
	For Elevated Installation >40', Add	33.23	
	For Work In Restricted Working Space, Add	18.12	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.12	
26 05 33 13-2577	EA 3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	83.05	26.85
	For Elevated Installation >10' To 15', Add	6.71	
	For Elevated Installation >15' To 20', Add	13.43	
	For Elevated Installation >20' To 25', Add	16.78	
	For Elevated Installation >25' To 30', Add	23.50	
	For Elevated Installation >30' To 35', Add	26.85	
	For Elevated Installation >35' To 40', Add	33.57	
	For Elevated Installation >40', Add	36.92	
	For Work In Restricted Working Space, Add	20.14	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.14	
26 05 33 13-2578	EA 1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	95.69	29.54
	For Elevated Installation >10' To 15', Add	7.38	
	For Elevated Installation >15' To 20', Add	14.77	
	For Elevated Installation >20' To 25', Add	18.46	
	For Elevated Installation >25' To 30', Add	25.84	
	For Elevated Installation >30' To 35', Add	29.54	
	For Elevated Installation >35' To 40', Add	36.92	
	For Elevated Installation >40', Add	40.61	
	For Work In Restricted Working Space, Add	22.15	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.15	
26 05 33 13-2579	EA 1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	113.24	33.76
	For Elevated Installation >10' To 15', Add	8.44	
	For Elevated Installation >15' To 20', Add	16.88	
	For Elevated Installation >20' To 25', Add	21.10	
	For Elevated Installation >25' To 30', Add	29.54	
	For Elevated Installation >30' To 35', Add	33.76	
	For Elevated Installation >35' To 40', Add	42.20	
	For Elevated Installation >40', Add	46.41	
	For Work In Restricted Working Space, Add	25.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.32	
26 05 33 13-2580	EA 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	129.71	36.82
	For Elevated Installation >10' To 15', Add	9.21	
	For Elevated Installation >15' To 20', Add	18.41	
	For Elevated Installation >20' To 25', Add	23.02	
	For Elevated Installation >25' To 30', Add	32.22	
	For Elevated Installation >30' To 35', Add	36.82	
	For Elevated Installation >35' To 40', Add	46.03	
	For Elevated Installation >40', Add	50.63	
	For Work In Restricted Working Space, Add	27.62	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.62	
26 05 33 13-2581	EA 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	178.70	45.26
	For Elevated Installation >10' To 15', Add	11.32	
	For Elevated Installation >15' To 20', Add	22.63	
	For Elevated Installation >20' To 25', Add	28.29	
	For Elevated Installation >25' To 30', Add	39.61	
	For Elevated Installation >30' To 35', Add	45.26	
	For Elevated Installation >35' To 40', Add	56.58	
	For Elevated Installation >40', Add	62.24	
	For Work In Restricted Working Space, Add	33.95	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.95	
26 05 33 13-2582	EA 2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	282.91	66.36
	For Elevated Installation >10' To 15', Add	16.59	
	For Elevated Installation >15' To 20', Add	33.18	
	For Elevated Installation >20' To 25', Add	41.48	
	For Elevated Installation >25' To 30', Add	58.07	
	For Elevated Installation >30' To 35', Add	66.36	
	For Elevated Installation >35' To 40', Add	82.95	
	For Elevated Installation >40', Add	91.25	
	For Work In Restricted Working Space, Add	49.77	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.77	
26 05 33 13-2583	EA 3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	410.21	86.31
	For Elevated Installation >10' To 15', Add	21.58	
	For Elevated Installation >15' To 20', Add	43.15	
	For Elevated Installation >20' To 25', Add	53.94	
	For Elevated Installation >25' To 30', Add	75.52	
	For Elevated Installation >30' To 35', Add	86.31	
	For Elevated Installation >35' To 40', Add	107.89	
	For Elevated Installation >40', Add	118.67	
	For Work In Restricted Working Space, Add	64.73	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.73	
26 05 33 13-2584	EA 3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	602.83	106.64
	For Elevated Installation >10' To 15', Add	26.66	
	For Elevated Installation >15' To 20', Add	53.32	
	For Elevated Installation >20' To 25', Add	66.65	
	For Elevated Installation >25' To 30', Add	93.31	
	For Elevated Installation >30' To 35', Add	106.64	
	For Elevated Installation >35' To 40', Add	133.30	
	For Elevated Installation >40', Add	146.62	
	For Work In Restricted Working Space, Add	79.98	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	79.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2585 EA 4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	677.29	128.12
For Elevated Installation >10' To 15', Add	32.03	
For Elevated Installation >15' To 20', Add	64.06	
For Elevated Installation >20' To 25', Add	80.07	
For Elevated Installation >25' To 30', Add	112.10	
For Elevated Installation >30' To 35', Add	128.12	
For Elevated Installation >35' To 40', Add	160.15	
For Elevated Installation >40', Add	176.16	
For Work In Restricted Working Space, Add	96.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	96.09	
26 05 33 13-2586 Set Screw, Cast Aluminum Conduit Body <small>(26 05 33 13-2473)</small>		
26 05 33 13-2587 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2586)</small>		
26 05 33 13-2588 EA 1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	25.50	7.28
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-2589 EA 3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.73	9.59
For Work In Restricted Working Space, Add	7.19	
For Elevated Installation >10' To 15', Add	2.40	
For Elevated Installation >15' To 20', Add	4.80	
For Elevated Installation >20' To 25', Add	6.00	
For Elevated Installation >25' To 30', Add	8.39	
For Elevated Installation >30' To 35', Add	9.59	
For Elevated Installation >35' To 40', Add	11.99	
For Elevated Installation >40', Add	13.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-2590 EA 1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	43.86	11.89
For Work In Restricted Working Space, Add	8.92	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.95	
For Elevated Installation >20' To 25', Add	7.43	
For Elevated Installation >25' To 30', Add	10.41	
For Elevated Installation >30' To 35', Add	11.89	
For Elevated Installation >35' To 40', Add	14.87	
For Elevated Installation >40', Add	16.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.92	
26 05 33 13-2591 EA 1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	56.53	14.58
For Work In Restricted Working Space, Add	10.93	
For Elevated Installation >10' To 15', Add	3.64	
For Elevated Installation >15' To 20', Add	7.29	
For Elevated Installation >20' To 25', Add	9.11	
For Elevated Installation >25' To 30', Add	12.75	
For Elevated Installation >30' To 35', Add	14.58	
For Elevated Installation >35' To 40', Add	18.22	
For Elevated Installation >40', Add	20.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.93	
26 05 33 13-2592 EA 1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	73.45	16.87
For Work In Restricted Working Space, Add	12.66	
For Elevated Installation >10' To 15', Add	4.22	
For Elevated Installation >15' To 20', Add	8.44	
For Elevated Installation >20' To 25', Add	10.55	
For Elevated Installation >25' To 30', Add	14.77	
For Elevated Installation >30' To 35', Add	16.88	
For Elevated Installation >35' To 40', Add	21.10	
For Elevated Installation >40', Add	23.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.66	
26 05 33 13-2593 EA 2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	96.05	19.18
For Work In Restricted Working Space, Add	14.39	
For Elevated Installation >10' To 15', Add	4.80	
For Elevated Installation >15' To 20', Add	9.59	
For Elevated Installation >20' To 25', Add	11.99	
For Elevated Installation >25' To 30', Add	16.78	
For Elevated Installation >30' To 35', Add	19.18	
For Elevated Installation >35' To 40', Add	23.98	
For Elevated Installation >40', Add	26.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.39	
26 05 33 13-2594 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2596)</small>		
26 05 33 13-2595 EA 1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	25.70	7.28
For Work In Restricted Working Space, Add	5.47	
For Elevated Installation >10' To 15', Add	1.82	
For Elevated Installation >15' To 20', Add	3.64	
For Elevated Installation >20' To 25', Add	4.56	
For Elevated Installation >25' To 30', Add	6.38	
For Elevated Installation >30' To 35', Add	7.29	
For Elevated Installation >35' To 40', Add	9.11	
For Elevated Installation >40', Add	10.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2596	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	33.50	9.59
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-2597	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	41.18	11.89
		<i>For Work In Restricted Working Space, Add</i>	8.92	
		<i>For Elevated Installation >10' To 15', Add</i>	2.97	
		<i>For Elevated Installation >15' To 20', Add</i>	5.95	
		<i>For Elevated Installation >20' To 25', Add</i>	7.43	
		<i>For Elevated Installation >25' To 30', Add</i>	10.41	
		<i>For Elevated Installation >30' To 35', Add</i>	11.89	
		<i>For Elevated Installation >35' To 40', Add</i>	14.87	
		<i>For Elevated Installation >40', Add</i>	16.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.92	
26 05 33 13-2598	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	56.31	14.58
		<i>For Work In Restricted Working Space, Add</i>	10.93	
		<i>For Elevated Installation >10' To 15', Add</i>	3.64	
		<i>For Elevated Installation >15' To 20', Add</i>	7.29	
		<i>For Elevated Installation >20' To 25', Add</i>	9.11	
		<i>For Elevated Installation >25' To 30', Add</i>	12.75	
		<i>For Elevated Installation >30' To 35', Add</i>	14.58	
		<i>For Elevated Installation >35' To 40', Add</i>	18.22	
		<i>For Elevated Installation >40', Add</i>	20.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.93	
26 05 33 13-2599	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	69.01	16.87
		<i>For Work In Restricted Working Space, Add</i>	12.66	
		<i>For Elevated Installation >10' To 15', Add</i>	4.22	
		<i>For Elevated Installation >15' To 20', Add</i>	8.44	
		<i>For Elevated Installation >20' To 25', Add</i>	10.55	
		<i>For Elevated Installation >25' To 30', Add</i>	14.77	
		<i>For Elevated Installation >30' To 35', Add</i>	16.88	
		<i>For Elevated Installation >35' To 40', Add</i>	21.10	
		<i>For Elevated Installation >40', Add</i>	23.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.66	
26 05 33 13-2600	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	95.67	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-2601		Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ⁽²⁶⁾		
26 05 33 13-2602	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	33.15	9.59
		<i>For Work In Restricted Working Space, Add</i>	7.19	
		<i>For Elevated Installation >10' To 15', Add</i>	2.40	
		<i>For Elevated Installation >15' To 20', Add</i>	4.80	
		<i>For Elevated Installation >20' To 25', Add</i>	6.00	
		<i>For Elevated Installation >25' To 30', Add</i>	8.39	
		<i>For Elevated Installation >30' To 35', Add</i>	9.59	
		<i>For Elevated Installation >35' To 40', Add</i>	11.99	
		<i>For Elevated Installation >40', Add</i>	13.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33 13-2603	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	42.94	11.89
		<i>For Work In Restricted Working Space, Add</i>	8.92	
		<i>For Elevated Installation >10' To 15', Add</i>	2.97	
		<i>For Elevated Installation >15' To 20', Add</i>	5.95	
		<i>For Elevated Installation >20' To 25', Add</i>	7.43	
		<i>For Elevated Installation >25' To 30', Add</i>	10.41	
		<i>For Elevated Installation >30' To 35', Add</i>	11.89	
		<i>For Elevated Installation >35' To 40', Add</i>	14.87	
		<i>For Elevated Installation >40', Add</i>	16.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.92	
26 05 33 13-2604	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	51.88	14.58
		<i>For Work In Restricted Working Space, Add</i>	10.93	
		<i>For Elevated Installation >10' To 15', Add</i>	3.64	
		<i>For Elevated Installation >15' To 20', Add</i>	7.29	
		<i>For Elevated Installation >20' To 25', Add</i>	9.11	
		<i>For Elevated Installation >25' To 30', Add</i>	12.75	
		<i>For Elevated Installation >30' To 35', Add</i>	14.58	
		<i>For Elevated Installation >35' To 40', Add</i>	18.22	
		<i>For Elevated Installation >40', Add</i>	20.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-2605	EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	70.77	16.87
	For Work In Restricted Working Space, Add	13.23	
	For Elevated Installation >10' To 15', Add	4.41	
	For Elevated Installation >15' To 20', Add	8.82	
	For Elevated Installation >20' To 25', Add	11.03	
	For Elevated Installation >25' To 30', Add	15.44	
	For Elevated Installation >30' To 35', Add	17.64	
	For Elevated Installation >35' To 40', Add	22.06	
	For Elevated Installation >40', Add	24.26	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.23	
26 05 33 13-2606	EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	90.00	19.18
	For Work In Restricted Working Space, Add	15.54	
	For Elevated Installation >10' To 15', Add	5.18	
	For Elevated Installation >15' To 20', Add	10.36	
	For Elevated Installation >20' To 25', Add	12.95	
	For Elevated Installation >25' To 30', Add	18.13	
	For Elevated Installation >30' To 35', Add	20.72	
	For Elevated Installation >35' To 40', Add	25.90	
	For Elevated Installation >40', Add	28.48	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.54	
26 05 33 13-2607	EA 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	119.49	21.48
	For Work In Restricted Working Space, Add	17.84	
	For Elevated Installation >10' To 15', Add	5.95	
	For Elevated Installation >15' To 20', Add	11.89	
	For Elevated Installation >20' To 25', Add	14.86	
	For Elevated Installation >25' To 30', Add	20.81	
	For Elevated Installation >30' To 35', Add	23.78	
	For Elevated Installation >35' To 40', Add	29.73	
	For Elevated Installation >40', Add	32.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.84	

26 05 33 13-2608 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2608)

26 05 33 13-2609	EA 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	26.35	7.28
	For Work In Restricted Working Space, Add	5.47	
	For Elevated Installation >10' To 15', Add	1.82	
	For Elevated Installation >15' To 20', Add	3.64	
	For Elevated Installation >20' To 25', Add	4.56	
	For Elevated Installation >25' To 30', Add	6.38	
	For Elevated Installation >30' To 35', Add	7.29	
	For Elevated Installation >35' To 40', Add	9.11	
	For Elevated Installation >40', Add	10.02	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
26 05 33 13-2610	EA 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	35.20	9.59
	For Work In Restricted Working Space, Add	7.19	
	For Elevated Installation >10' To 15', Add	2.40	
	For Elevated Installation >15' To 20', Add	4.80	
	For Elevated Installation >20' To 25', Add	6.00	
	For Elevated Installation >25' To 30', Add	8.39	
	For Elevated Installation >30' To 35', Add	9.59	
	For Elevated Installation >35' To 40', Add	11.99	
	For Elevated Installation >40', Add	13.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.19	
26 05 33 13-2611	EA 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	44.83	11.89
	For Work In Restricted Working Space, Add	8.92	
	For Elevated Installation >10' To 15', Add	2.97	
	For Elevated Installation >15' To 20', Add	5.95	
	For Elevated Installation >20' To 25', Add	7.43	
	For Elevated Installation >25' To 30', Add	10.41	
	For Elevated Installation >30' To 35', Add	11.89	
	For Elevated Installation >35' To 40', Add	14.87	
	For Elevated Installation >40', Add	16.35	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.92	
26 05 33 13-2612	EA 1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	57.69	14.58
	For Work In Restricted Working Space, Add	10.93	
	For Elevated Installation >10' To 15', Add	3.64	
	For Elevated Installation >15' To 20', Add	7.29	
	For Elevated Installation >20' To 25', Add	9.11	
	For Elevated Installation >25' To 30', Add	12.75	
	For Elevated Installation >30' To 35', Add	14.58	
	For Elevated Installation >35' To 40', Add	18.22	
	For Elevated Installation >40', Add	20.04	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.93	
26 05 33 13-2613	EA 1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	44.50	16.87
	For Work In Restricted Working Space, Add	12.66	
	For Elevated Installation >10' To 15', Add	4.22	
	For Elevated Installation >15' To 20', Add	8.44	
	For Elevated Installation >20' To 25', Add	10.55	
	For Elevated Installation >25' To 30', Add	14.77	
	For Elevated Installation >30' To 35', Add	16.88	
	For Elevated Installation >35' To 40', Add	21.10	
	For Elevated Installation >40', Add	23.21	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.66	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2614	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	103.09	19.18
		<i>For Work In Restricted Working Space, Add</i>	14.39	
		<i>For Elevated Installation >10' To 15', Add</i>	4.80	
		<i>For Elevated Installation >15' To 20', Add</i>	9.59	
		<i>For Elevated Installation >20' To 25', Add</i>	11.99	
		<i>For Elevated Installation >25' To 30', Add</i>	16.78	
		<i>For Elevated Installation >30' To 35', Add</i>	19.18	
		<i>For Elevated Installation >35' To 40', Add</i>	23.98	
		<i>For Elevated Installation >40', Add</i>	26.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.39	
26 05 33 13-2615		Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-2473)</small>		
26 05 33 13-2616	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	110.78	21.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	
26 05 33 13-2617	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	383.46	38.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.15	
26 05 33 13-2618	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	740.74	78.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.12	
26 05 33 13-2619		Replacement Covers And Gaskets For Conduit Body <small>(26 05 33 13-2473)</small>		
26 05 33 13-2620		Replacement Stamped Aluminum Conduit Body Cover <small>(26 05 33 13-2619)</small>		
26 05 33 13-2621	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	9.53	3.74
26 05 33 13-2622	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	11.60	4.36
26 05 33 13-2623	EA	1" Replacement Stamped Aluminum Conduit Body Cover	14.86	5.61
26 05 33 13-2624	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	18.10	6.85
26 05 33 13-2625	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	22.13	8.11
26 05 33 13-2626	EA	2" Replacement Stamped Aluminum Conduit Body Cover	26.17	9.35
26 05 33 13-2627	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	34.11	10.60
26 05 33 13-2628	EA	3" Replacement Stamped Aluminum Conduit Body Cover	44.58	14.96
26 05 33 13-2629	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	48.45	16.83
26 05 33 13-2630	EA	4" Replacement Stamped Aluminum Conduit Body Cover	61.02	21.19
26 05 33 13-2631		Replacement Cast Steel Conduit Body Cover <small>(26 05 33 13-2619)</small>		
26 05 33 13-2632	EA	1/2" Replacement Cast Steel Conduit Body Cover	10.93	3.74
26 05 33 13-2633	EA	3/4" Replacement Cast Steel Conduit Body Cover	12.81	4.36
26 05 33 13-2634	EA	1" Replacement Cast Steel Conduit Body Cover	17.86	5.61
26 05 33 13-2635	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	22.16	6.85
26 05 33 13-2636	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	26.86	8.11
26 05 33 13-2637	EA	2" Replacement Cast Steel Conduit Body Cover	31.58	9.35
26 05 33 13-2638	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	36.26	10.60
26 05 33 13-2639	EA	3" Replacement Cast Steel Conduit Body Cover	49.66	14.96
26 05 33 13-2640	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	56.45	16.83
26 05 33 13-2641	EA	4" Replacement Cast Steel Conduit Body Cover	71.14	21.19
26 05 33 13-2642		Replacement Velbuna Composition Conduit Body Gasket <small>(26 05 33 13-2619)</small>		
26 05 33 13-2643	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	8.90	3.74
26 05 33 13-2644	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	10.20	4.36
26 05 33 13-2645	EA	1" Replacement Velbuna Composition Conduit Body Gasket	13.30	5.61
26 05 33 13-2646	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	17.16	6.85
26 05 33 13-2647	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	19.64	8.11
26 05 33 13-2648	EA	2" Replacement Velbuna Composition Conduit Body Gasket	23.29	9.35
26 05 33 13-2649	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	30.17	10.60
26 05 33 13-2650	EA	3" Replacement Velbuna Composition Conduit Body Gasket	39.66	14.96
26 05 33 13-2651	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	43.79	16.83
26 05 33 13-2652	EA	4" Replacement Velbuna Composition Conduit Body Gasket	52.42	21.19
26 05 33 13-2653		Replacement Neoprene Conduit Body Gasket <small>(26 05 33 13-2619)</small>		
26 05 33 13-2654	EA	1/2" Replacement Neoprene Conduit Body Gasket	9.87	3.74
26 05 33 13-2655	EA	3/4" Replacement Neoprene Conduit Body Gasket	11.12	4.36
26 05 33 13-2656	EA	1" Replacement Neoprene Conduit Body Gasket	14.51	5.61
26 05 33 13-2657	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	17.77	6.85
26 05 33 13-2658	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	20.25	8.11
26 05 33 13-2659	EA	2" Replacement Neoprene Conduit Body Gasket	23.35	9.35
26 05 33 13-2660	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	30.32	10.60
26 05 33 13-2661	EA	3" Replacement Neoprene Conduit Body Gasket	39.81	14.96
26 05 33 13-2662	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	44.82	16.83
26 05 33 13-2663	EA	4" Replacement Neoprene Conduit Body Gasket	53.45	21.19
26 05 33 16		Boxes For Electrical Systems <small>(26 05 33)</small>		
		<i>See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.</i>		
26 05 33 16-0001		Steel Junction, Device, And Fixture Boxes, Rings And Covers <small>(26 05 33 16)</small>		
		<i>Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/receptacle assemblies, 26 27 26 00-0134 for steel box/switch assemblies.</i>		
26 05 33 16-0002		4" Square Steel Boxes, Rings And Covers <small>(26 05 33 16-0001)</small>		
26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	34.19	15.75
		<i>For Stud Bracket, Add</i>	0.66	

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST

Main table of electrical work results including items like 26 05 33 16-0004 through 26 05 33 16-0034 with descriptions and costs.

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)

Table of electrical work results for 4-11/16" Square Steel Boxes, Rings And Covers, items 26 05 33 16-0036 through 26 05 33 16-0063.

26 05 33 16-0064 Steel Square Box Brackets (26 05 33 16-0001)

Table of electrical work results for Steel Square Box Brackets, items 26 05 33 16-0065 through 26 05 33 16-0068.

26 05 33 16-0069 4" Octagon Steel Boxes And Covers (26 05 33 16-0001)

Table of electrical work results for 4" Octagon Steel Boxes And Covers, items 26 05 33 16-0070 through 26 05 33 16-0072.

26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers (26 05 33 16-0001)

Table of electrical work results for 4" Steel Octagonal Concrete Rings And Steel Covers, items 26 05 33 16-0074 through 26 05 33 16-0075.

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring.....	52.02	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	54.27	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring.....	59.30	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring.....	64.53	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring.....	68.60	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	12.76	5.25

26 05 33 16-0082 4-1/2" Steel Gang Boxes (26 05 33 16-0001)

26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	43.58	13.12
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	47.89	14.17
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	57.65	15.75
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	75.42	17.32
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	112.25	18.89
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	60.08	13.12
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	65.47	14.17
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	87.34	15.75
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	112.33	17.32
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	185.24	18.89
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring.....	19.08	5.25
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring.....	19.36	5.25
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring.....	22.54	5.25
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring.....	28.00	5.25
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring.....	39.99	5.25
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover.....	16.35	5.25
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover.....	19.33	5.25
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover.....	23.28	5.25
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover.....	28.31	5.25
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover.....	40.84	5.25

26 05 33 16-0103 Steel Switch Boxes (26 05 33 16-0001)

26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	30.51	13.12
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	30.97	13.12
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	33.35	13.12
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	38.71	13.12
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	39.17	13.12
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	46.42	13.12

26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers (26 05 33 16-0001)

26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	28.33	13.12
		<i>For Stud Bracket, Add</i>	2.58	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	28.83	13.12
		<i>For Stud Bracket, Add</i>	1.11	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	29.92	13.12
		<i>For Stud Bracket, Add</i>	1.51	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	18.74	7.87
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	18.25	7.87
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	6.33	2.62
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	6.42	2.62
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	5.96	2.62
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover.....	5.99	2.62
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	6.93	2.62
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	5.99	2.62

26 05 33 16-0122 3"-1/2" Depth, 3-3/4" Steel Masonry Boxes (26 05 33 16-0001)

26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	42.54	18.37
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	47.60	19.42
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	54.55	21.00
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	62.14	23.10

26 05 33 16-0127 Cast Boxes (26 05 33 16)

Note: For flush or surface mount.

26 05 33 16-0128 Cast Iron Alloy Boxes (26 05 33 16-0127)

See CSI section 26 27 26 00-0281 for box covers.

26 05 33 16-0129 Shallow, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128)

Note: Up to 2" deep boxes.

26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box	87.36	31.50
		Note: One hub.		
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	94.67	36.74
		Note: One hub.		
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	111.75	44.62
		Note: One hub.		
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	109.71	41.99
		Note: Two hub.		
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	139.49	49.87
		Note: Two hub.		
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box.....	109.30	41.99
		Note: Two hub.		
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box	131.31	49.87
		Note: Two hubs.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0137 EA 1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	111.93	41.99
26 05 33 16-0138 EA 3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	131.34	49.87
26 05 33 16-0139 EA 1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	109.30	41.99
26 05 33 16-0140 EA 3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	128.10	49.87
26 05 33 16-0141 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	130.73	52.49
26 05 33 16-0142 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	154.88	62.99
26 05 33 16-0143 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	135.77	52.49
26 05 33 16-0144 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	174.12	62.99
26 05 33 16-0145 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	139.07	52.49
26 05 33 16-0146 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	166.21	62.99
26 05 33 16-0147 EA 1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	130.30	52.49
26 05 33 16-0148 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	168.43	62.99
26 05 33 16-0149 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	165.30	62.99
26 05 33 16-0150 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	199.45	76.11
26 05 33 16-0151 Deep, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0152 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	91.08	31.50
26 05 33 16-0153 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	104.98	36.74
26 05 33 16-0154 EA 1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	123.65	44.62
26 05 33 16-0155 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	116.50	41.99
26 05 33 16-0156 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	134.80	49.87
26 05 33 16-0157 EA 1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	162.10	60.37
26 05 33 16-0158 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	144.06	49.87
26 05 33 16-0159 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	185.09	62.99
26 05 33 16-0160 Shallow, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: Up to 2" deep boxes.		
26 05 33 16-0161 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	104.30	34.12
26 05 33 16-0162 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	115.89	39.37
26 05 33 16-0163 EA 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	134.95	47.24
26 05 33 16-0164 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	127.08	44.62
26 05 33 16-0165 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	144.74	52.49
26 05 33 16-0166 Deep, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0167 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	115.46	34.12
26 05 33 16-0168 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	126.39	39.37
26 05 33 16-0169 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	143.87	44.62
26 05 33 16-0170 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	162.48	52.49
26 05 33 16-0171 Cast Aluminum Boxes (26 05 33 16-0127) See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0172 Shallow, Single Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0173 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	76.86	26.25
26 05 33 16-0174 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	88.33	31.50
26 05 33 16-0175 EA 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	99.11	39.37
26 05 33 16-0176 EA 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	72.53	26.25

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	91.38	31.50
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	98.28	36.74
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	118.17	44.62
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	148.10	55.12
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	105.81	36.74
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	114.51	44.62
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	101.53	36.74
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.07	44.62
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	98.76	36.74
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.07	44.62
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	92.37	36.74
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	123.86	44.62
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	117.78	47.24
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	143.17	57.74
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	124.40	47.24
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	166.10	57.74
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	123.84	47.24
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	151.89	57.74
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	153.86	57.74
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	151.03	57.74
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	184.44	70.87
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small> Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	84.54	26.25
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	101.29	31.50
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	116.93	39.37
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	108.30	31.50
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	108.21	36.74
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	130.37	44.62
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	146.95	55.12
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	131.99	44.62
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	162.13	57.74
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small> Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	100.54	28.87
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	115.37	34.12
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	125.07	41.99
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	126.39	39.37
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	130.46	47.24
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	161.01	57.74
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small> Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	100.45	28.87
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	116.41	34.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0218 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	128.78	39.37
26 05 33 16-0219 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	146.52	47.24
26 05 33 16-0220 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	128.78	39.37
26 05 33 16-0221 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	146.52	47.24
26 05 33 16-0222 Shallow, Three Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small> Note: Up to 2" deep boxes.		
26 05 33 16-0223 EA 1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	135.31	41.99
26 05 33 16-0224 EA 3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	152.43	49.87
26 05 33 16-0225 Deep, Three Gang Cast Aluminum Boxes <small>(26 05 33 16-0171)</small> Note: >2" deep boxes.		
26 05 33 16-0226 EA 3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	151.83	36.74
26 05 33 16-0227 EA 1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	170.04	44.62
26 05 33 16-0228 Cast Aluminum Explosion Proof Outlet Bodies <small>(26 05 33 16-0127)</small> Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229 EA 1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	157.97	41.99
26 05 33 16-0230 EA 3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	194.79	47.24
26 05 33 16-0231 EA 1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	180.13	52.49
26 05 33 16-0232 EA 1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body.....	175.22	47.24
26 05 33 16-0233 EA 3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA.....	212.56	52.49
26 05 33 16-0234 Non Metallic (PVC) Boxes <small>(26 05 33 16)</small> See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0235 Shallow, Single Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0236 EA 1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	51.33	22.05
26 05 33 16-0237 EA 3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	58.90	25.73
26 05 33 16-0238 EA 1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	68.03	31.24
26 05 33 16-0239 EA 1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	66.25	29.39
26 05 33 16-0240 EA 3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	78.01	34.91
26 05 33 16-0241 EA 1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	94.58	42.25
26 05 33 16-0242 EA 1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	66.44	29.39
26 05 33 16-0243 EA 3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	77.50	34.91
26 05 33 16-0244 EA 1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	92.83	42.25
26 05 33 16-0245 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	83.72	36.74
26 05 33 16-0246 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	96.40	44.10
26 05 33 16-0247 EA 1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	114.17	53.28
26 05 33 16-0248 Deep, Single Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0249 EA No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	51.90	22.05
26 05 33 16-0250 EA 1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	50.91	22.05
26 05 33 16-0251 EA 3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	60.24	25.73
26 05 33 16-0252 EA 1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	68.58	31.24
26 05 33 16-0253 EA 1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box..... Note: Two hubs.	67.36	29.39
26 05 33 16-0254 EA 3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box..... Note: Two hubs.	76.56	34.91
26 05 33 16-0255 EA 1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	91.75	42.25
26 05 33 16-0256 Shallow, Two Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0257 EA 1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	55.29	23.88
26 05 33 16-0258 EA 3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	63.43	27.56

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	71.80	33.07
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	68.70	31.24
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	84.09	36.74
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	99.78	44.10
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	70.01	31.24
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	87.72	36.74
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	96.87	44.10
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	85.78	38.58
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	110.66	45.93
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	117.75	55.12

26 05 33 16-0269 Poke Thru Units (26 05 33 16)**26 05 33 16-0270 Surface Poke Thru Units** (26 05 33 16-0269)

Note: Excludes concrete drilling.

26 05 33 16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	445.80	39.37
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	284.87	
26 05 33 16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC37REC.	40.23	10.50
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC3APTCBK.	47.87	5.25
26 05 33 16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	503.95	41.99
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	266.89	
26 05 33 16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	68.73	15.75
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC4APTCBK.	47.87	5.25
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold ABPLUG4.	139.03	10.50
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	399.13	36.74
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	33.43	5.25
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	397.30	36.74
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	46.29	5.25

26 05 33 16-0284 Recessed Poke Thru Units (26 05 33 16-0269)

Note: Excludes concrete drilling.

26 05 33 16-0285 Evolution 6AT Poke Thru Units (26 05 33 16-0284)

Note: Excludes concrete drilling.

26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	683.68	41.99
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	683.76	41.99
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	652.05	41.99
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	652.05	41.99
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	683.68	41.99

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0291	EA			Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	683.88	41.99
26 05 33 16-0292	EA			Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	625.27	41.99
26 05 33 16-0293	EA			Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	394.83	39.37
26 05 33 16-0294	EA			Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	422.81	39.37
26 05 33 16-0295	EA			Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	425.58	39.37
26 05 33 16-0296	EA			6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)..... Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	122.75	21.00
26 05 33 16-0297	EA			Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	274.17	10.50
26 05 33 16-0298	EA			Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	274.17	10.50
26 05 33 16-0299	EA			Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	228.29	10.50
26 05 33 16-0300	EA			Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	33.27	2.62
26 05 33 16-0301	EA			Device Mounting Plate (Wiremold 6AAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	17.15	5.25
26 05 33 16-0302	EA			Device Mounting Plate (Wiremold 6ACT8A)..... Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	19.64	5.25
26 05 33 16-0303	EA			Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	17.08	5.25
26 05 33 16-0304	EA			Device Mounting Plate (Wiremold 6DEC)..... Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCLs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	17.13	5.25
26 05 33 16-0305	EA			Device Mounting Plate (Wiremold 6DP)..... Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	17.02	5.25
26 05 33 16-0306	EA			Device Mounting Plate (Wiremold 6MAAP)..... Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	19.90	5.25
26 05 33 16-0307	EA			Device Mounting Plate (Wiremold 6MAAP2A)..... Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	19.70	5.25
26 05 33 16-0308	EA			Mosaic Mounting Plate (Wiremold 6MOS)..... Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	20.15	5.25
26 05 33 16-0309	EA			Device Mounting Plate (Wiremold 6S1)..... Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	16.78	5.25
26 05 33 16-0310	EA			Device Mounting Plate (Wiremold 6S2)..... Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	16.80	5.25
26 05 33 16-0311	EA			Device Mounting Plate (Wiremold 6SER)..... Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	16.58	5.25
26 05 33 16-0312	EA			Device Mounting Plate (Wiremold 6TRAC)..... Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	16.58	5.25
26 05 33 16-0313	EA			20 Amperes, Duplex Receptacles (Wiremold 68REC)..... Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	38.92	7.87
26 05 33 16-0314	EA			Device Mounting Plate (Wiremold 68B)..... Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	15.27	5.25
26 05 33 16-0315	EA			Device Mounting Plate (Wiremold 68MAAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	15.63	5.25
26 05 33 16-0316	EA			20 Amperes, Duplex Receptacles (Wiremold 68REC-25)..... Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	119.12	9.45

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26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	19.47	5.25
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	20.25	5.25
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	20.79	5.25
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCF). Covers the center compartment and one of the side compartments.	32.46	10.50
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	37.43	13.12
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	40.98	13.12
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	31.26	10.50
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	20.12	5.25
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	20.12	5.25
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	21.14	5.25
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	21.83	5.25
26 05 33 16-0328		Evolution 8AT Poke Thru Units (26 05 33 16-0284) Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	894.10	41.99
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	851.41	41.99
26 05 33 16-0331	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	903.77	41.99
26 05 33 16-0332	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	843.38	41.99
26 05 33 16-0333	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	835.76	41.99
26 05 33 16-0334	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	507.78	39.37
26 05 33 16-0335	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	567.92	39.37
26 05 33 16-0336	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	146.22	21.00
26 05 33 16-0337	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	296.32	10.50
26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	296.32	10.50
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	51.52	2.62
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	17.69	5.25
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	17.78	5.25
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCIs, 106 adapters or AVV devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	17.89	5.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 16-0343	EA		Device Mounting Plate (Wiremold 8ACT6A)..... Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.56	5.25
26 05 33 16-0344	EA		Mosaic Mounting Plate (Wiremold 8MOS)..... Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	24.66	5.25
26 05 33 16-0345	EA		Crestron Double Gang Plate (Wiremold 8CREST)..... Note: Device plate accepts Crestron double-gang decorator style devices.	24.63	5.25
26 05 33 16-0346	EA		Device Mounting Plate (Wiremold 8S1)..... Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	17.19	5.25
26 05 33 16-0347	EA		Device Mounting Plate (Wiremold 8S2)..... Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	17.39	5.25
26 05 33 16-0348	EA		Device Mounting Plate (Wiremold 8TRAC)..... Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	17.19	5.25
26 05 33 16-0349	EA		Device Mounting Plate (Wiremold 8SER)..... Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	17.19	5.25
26 05 33 16-0350	EA		Device Mounting Plate (Wiremold 8MAAP)..... Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	24.29	5.25
26 05 33 16-0351	EA		Device Mounting Plate (Wiremold 8AAP)..... Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	20.44	5.25
26 05 33 16-0352	EA		8" Divider (Wiremold 8DIV)..... Note: Divider allows for separation of services when required.	23.39	5.25
26 05 33 16-0353	EA		Bottom Housing Assembly (Wiremold 22CHA)..... Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	32.46	10.50

26 05 33 23 Surface Raceways For Electrical Systems (26 05 33)

26 05 33 23-0001 Raceways (26 05 33 23)

26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0004	LF		2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover.....	20.30	4.80
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.54</i>	
			<i>For Concrete Or Masonry Surface, Add</i>	<i>0.48</i>	
26 05 33 23-0005	EA		2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover.....	18.27	7.19
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.19</i>	
26 05 33 23-0006	EA		2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover.....	21.82	8.97
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.19</i>	
26 05 33 23-0007	EA		2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	44.96	16.78
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.57</i>	
26 05 33 23-0008	EA		2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover.....	67.65	16.78
			<i>For Combination Hinged Screw Cover, Add</i>	<i>1.70</i>	
26 05 33 23-0009	EA		2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover.....	99.73	23.88
			<i>For Combination Hinged Screw Cover, Add</i>	<i>2.60</i>	
26 05 33 23-0010	EA		2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover.....	111.78	26.37
			<i>For Combination Hinged Screw Cover, Add</i>	<i>2.95</i>	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0012	LF		4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover.....	24.92	6.04
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.65</i>	
			<i>For Concrete Or Masonry Surface, Add</i>	<i>0.60</i>	
26 05 33 23-0013	LF		4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	42.52	6.04
			<i>For Combination Hinged Screw Cover, Add</i>	<i>1.53</i>	
			<i>For Concrete Or Masonry Surface, Add</i>	<i>0.60</i>	
26 05 33 23-0014	EA		4" x 4", End Plate For Surface Mounted Wireway With Screw Cover.....	14.60	5.27
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.20</i>	
26 05 33 23-0015	EA		4" x 4", Coupling For Surface Mounted Wireway With Screw Cover.....	24.19	10.07
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.20</i>	
26 05 33 23-0016	EA		4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	53.43	20.52
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.62</i>	
26 05 33 23-0017	EA		4" x 4", Elbow For Surface Mounted Wireway With Screw Cover.....	78.38	20.52
			<i>For Combination Hinged Screw Cover, Add</i>	<i>1.86</i>	
26 05 33 23-0018	EA		4" x 4", Tee For Surface Mounted Wireway With Screw Cover.....	109.87	26.65
			<i>For Combination Hinged Screw Cover, Add</i>	<i>2.83</i>	
26 05 33 23-0019	EA		4" x 4", Cross For Surface Mounted Wireway With Screw Cover.....	127.09	31.16
			<i>For Combination Hinged Screw Cover, Add</i>	<i>3.24</i>	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0021	LF		6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover.....	36.44	7.19
			<i>For Combination Hinged Screw Cover, Add</i>	<i>1.10</i>	
			<i>For Concrete Or Masonry Surface, Add</i>	<i>0.72</i>	
26 05 33 23-0022	LF		6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	67.30	7.19
			<i>For Combination Hinged Screw Cover, Add</i>	<i>2.64</i>	
			<i>For Concrete Or Masonry Surface, Add</i>	<i>0.72</i>	
26 05 33 23-0023	EA		6" x 6", End Plate For Surface Mounted Wireway With Screw Cover.....	18.02	5.75
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.33</i>	
26 05 33 23-0024	EA		6" x 6", Coupling For Surface Mounted Wireway With Screw Cover.....	30.49	11.98
			<i>For Combination Hinged Screw Cover, Add</i>	<i>0.33</i>	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0025	EA		6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	73.02 1.27	23.88
26 05 33 23-0026	EA		6" x 6", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	99.36 2.58	23.88
26 05 33 23-0027	EA		6" x 6", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	152.47 4.64	29.82
26 05 33 23-0028	EA		6" x 6", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	166.32 4.86	34.52
26 05 33 23-0029			8" x 8", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0030	LF		8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	56.98 2.06 0.78	7.87
26 05 33 23-0031	LF		8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	100.93 4.26 0.78	7.87
26 05 33 23-0032	EA		8" x 8", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	19.81 0.37	6.23
26 05 33 23-0033	EA		8" x 8", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	33.23 0.37	12.95
26 05 33 23-0034	EA		8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	81.33 1.44	26.27
26 05 33 23-0035	EA		8" x 8", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	124.11 3.58	26.27
26 05 33 23-0036	EA		8" x 8", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	181.72 5.85	32.42
26 05 33 23-0037	EA		8" x 8", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	250.87 8.61	39.32
26 05 33 23-0038			10" x 10", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0039	LF		10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	81.64 3.17 0.91	9.11
26 05 33 23-0040	LF		10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	141.12 6.14 0.91	9.11
26 05 33 23-0041	EA		10" x 10", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	26.99 0.63	7.19
26 05 33 23-0042	EA		10" x 10", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	41.37 0.63	14.39
26 05 33 23-0043	EA		10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	105.39 2.41	28.58
26 05 33 23-0044	EA		10" x 10", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	190.27 6.65	28.58
26 05 33 23-0045	EA		10" x 10", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	284.30 10.61	36.05
26 05 33 23-0046	EA		10" x 10", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	400.46 15.95	40.75
26 05 33 23-0047			12" x 12", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0048	LF		12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	96.01 3.70 1.10	11.03
26 05 33 23-0049	LF		12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	155.79 6.69 1.10	11.03
26 05 33 23-0050	EA		12" x 12", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	34.61 0.96	7.68
26 05 33 23-0051	EA		12" x 12", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	49.96 0.96	15.34
26 05 33 23-0052	EA		12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	135.18 3.64	31.16
26 05 33 23-0053	EA		12" x 12", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	247.59 9.26	31.16
26 05 33 23-0054	EA		12" x 12", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	318.42 12.09	38.36
26 05 33 23-0055	EA		12" x 12", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	509.49 21.16	43.16
26 05 33 23-0056			Surface Metal Raceways <small>(26 05 33 23-0001)</small> Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0057			One Piece Surface Metal Raceways <small>(26 05 33 23-0056)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0058			3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33 23-0059	LF		3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500) <i>For Concrete Or Masonry Surface, Add</i>	4.07 0.14	1.44
26 05 33 23-0060	EA		Bushing (Wiremold #502)	4.13	1.91
26 05 33 23-0061	EA		One Or Two Hole Strap (Wiremold #504)	4.16	1.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0062	EA		Connection Cover (Wiremold #506).....	4.30	1.91
26 05 33 23-0063	EA		Flat 90 Degree Elbow (Wiremold #511).....	6.37	2.30
26 05 33 23-0064	EA		Flat 45 Degree Elbow (Wiremold #512).....	10.17	2.39
26 05 33 23-0065	EA		Adjustable Internal Elbow (Wiremold #517).....	7.92	2.88
26 05 33 23-0066	EA		Adjustable External Elbow (Wiremold #518).....	7.76	2.88

26 05 33 23-0067 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) (26 05 33 23-0057)

Note: Available in ivory and white.

26 05 33 23-0068	LF		3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700).....	5.16	1.91
			<i>For Concrete Or Masonry Surface, Add</i>	0.19	
26 05 33 23-0069	EA		Bushing (Wiremold #702).....	4.21	1.91
26 05 33 23-0070	EA		One Or Two Hole Strap (Wiremold #704).....	4.33	1.91
26 05 33 23-0071	EA		Connection Cover (Wiremold #706).....	4.36	1.91
26 05 33 23-0072	EA		Flat 90 Degree Elbow (Wiremold #711).....	9.49	3.84
26 05 33 23-0073	EA		Flat 45 Degree Elbow (Wiremold #712).....	14.34	3.84
26 05 33 23-0074	EA		Adjustable Internal Elbow (Wiremold #717).....	10.17	3.84
26 05 33 23-0075	EA		Adjustable External Elbow (Wiremold #718).....	9.86	3.84

26 05 33 23-0076 One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) (26 05 33 23-0057)

Note: Available in ivory.

26 05 33 23-0077	EA		18" Flex Fitting, For #500 Or 700 (Wiremold #5700F).....	25.97	2.88
26 05 33 23-0078	EA		Galvanized Coupling For #500 Or 700 (Wiremold #5701).....	4.31	1.91
26 05 33 23-0079	EA		Supporting Clip, For #500 Or 700 (Wiremold #5703).....	4.31	1.91
26 05 33 23-0080	EA		Ground Clamp (Wiremold #5709).....	11.77	2.88
26 05 33 23-0081	EA		Grounding Connector (Wiremold #5709GC).....	10.06	2.88
26 05 33 23-0082	EA		L Or R (Left Or Right) Twisted Internal EII (Wiremold #5711).....	11.58	3.84
26 05 33 23-0083	EA		Tee (Wiremold #5715).....	13.16	4.80
26 05 33 23-0084	EA		2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719).....	21.66	3.84
26 05 33 23-0085	EA		Utility Box For #500 Or #700 (Wiremold #57242).....	16.91	3.84
26 05 33 23-0086	EA		2-3/8" Diameter, Blank Cover (Wiremold #5731).....	9.18	2.39
26 05 33 23-0087	EA		3" Diameter, Outlet Box (Wiremold #5733).....	20.69	3.84
26 05 33 23-0088	EA		4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735).....	20.61	3.84
26 05 33 23-0089	EA		4-3/8" Blank Cover (Wiremold #5736).....	9.70	2.39
26 05 33 23-0090	EA		4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737).....	18.83	3.84
26 05 33 23-0091	EA		5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A).....	18.21	3.84
26 05 33 23-0092	EA		4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738).....	18.35	3.84
26 05 33 23-0093	EA		5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A).....	18.35	3.84
26 05 33 23-0094	EA		5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF).....	20.61	3.84
26 05 33 23-0095	EA		6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739).....	20.38	3.84
26 05 33 23-0096	EA		6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A).....	21.68	3.84
26 05 33 23-0097	EA		Standard Switch Box For #500, Or #700 (Wiremold #57240).....	24.95	6.23
26 05 33 23-0098	EA		Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G).....	40.04	11.98
26 05 33 23-0099	EA		2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741).....	19.24	6.23
26 05 33 23-0100	EA		1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744).....	29.52	6.23
26 05 33 23-0101	EA		2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2).....	33.60	6.23
26 05 33 23-0102	EA		3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3).....	50.19	6.23
26 05 33 23-0103	EA		1 Gang, Signal Box (Wiremold #5744S).....	26.65	5.27
26 05 33 23-0104	EA		2 Gang, Signal Box (Wiremold #5744S-2).....	29.59	5.27
26 05 33 23-0105	EA		3 Gang, Signal Box (Wiremold #5744S-3).....	46.65	5.27
26 05 33 23-0106	EA		4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745).....	20.02	6.23
26 05 33 23-0107	EA		4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747).....	17.80	6.23
26 05 33 23-0108	EA		4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2).....	24.39	6.23
26 05 33 23-0109	EA		4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3).....	45.95	6.23
26 05 33 23-0110	EA		4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748).....	18.92	6.23
26 05 33 23-0111	EA		4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2).....	25.72	6.23
26 05 33 23-0112	EA		4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3).....	44.71	6.23
26 05 33 23-0113	EA		4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4).....	65.59	6.23
26 05 33 23-0114	EA		4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5).....	107.13	6.23
26 05 33 23-0115	EA		4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6).....	108.98	6.23
26 05 33 23-0116	EA		4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S).....	18.70	6.23
26 05 33 23-0117	EA		4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751).....	18.23	6.23
26 05 33 23-0118	EA		4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2).....	23.72	6.23
26 05 33 23-0119	EA		4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3).....	45.13	6.23
26 05 33 23-0120	EA		4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A).....	19.57	6.23
26 05 33 23-0121	EA		4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752).....	24.87	6.23
26 05 33 23-0122	EA		4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753).....	35.14	6.23
26 05 33 23-0123	EA		Blank Extension Box (Wiremold #5760).....	12.27	2.39
26 05 33 23-0124	EA		1/2" Special Nipple (Wiremold #5780).....	11.72	2.39
26 05 33 23-0125	EA		1/2" Box Connector (Wiremold #5781).....	8.00	2.39
26 05 33 23-0126	EA		3/4" Box Connector (Wiremold #5781A).....	14.66	2.88
26 05 33 23-0127	EA		1/2" Conduit Connector (Wiremold #5782).....	8.07	2.39
26 05 33 23-0128	EA		3/4" Conduit Connector (Wiremold #5782A).....	18.19	2.88
26 05 33 23-0129	EA		1/2" Elbow Conduit Connector (Wiremold #5784).....	16.37	2.88
26 05 33 23-0130	EA		Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785).....	9.43	2.88
26 05 33 23-0131	EA		Offset Connector (Wiremold #5786).....	15.25	2.88
26 05 33 23-0132	EA		Armor Cable Connector (Wiremold #5790B).....	8.18	2.39
26 05 33 23-0133	EA		1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791).....	7.19	1.91

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0134			1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) ^(26 05 33 23-0057)		
			Note: Galvanized finish.		
26 05 33 23-0135	LF		1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	7.36	2.39
			<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0136	EA		Wire Clip (Wiremold #1500WC)	4.69	1.91
26 05 33 23-0137	EA		Bushing (Wiremold #1502)	5.59	2.39
26 05 33 23-0138	EA		2-Hole Strap (Wiremold #1504)	6.35	2.88
26 05 33 23-0139	EA		Flat Elbow (Wiremold #1511)	24.08	9.11
26 05 33 23-0140	EA		Internal Elbow (Wiremold #1517)	24.81	9.11
26 05 33 23-0141	EA		Adapter Fitting (Wiremold #1517B)	26.50	9.11
26 05 33 23-0142	EA		External Elbow (Wiremold #1518)	26.36	9.11
26 05 33 23-0143	EA		Utility Box (Wiremold #1528)	23.31	6.23
26 05 33 23-0144	EA		Junction Box (Wiremold #1542D)	23.99	6.23
26 05 33 23-0145	EA		Duplex Receptacle (Wiremold #1543GL)	46.97	11.98
26 05 33 23-0146	EA		Single Receptacle Box (Wiremold #1546A)	24.66	6.23
26 05 33 23-0147	EA		Duplex Receptacle Box (Wiremold #1546B)	29.82	6.23
26 05 33 23-0148	EA		Telephone Box (Wiremold #1546T)	29.28	6.23
26 05 33 23-0149	EA		Combination Connection (Wiremold #1585)	14.11	2.88
26 05 33 23-0150			2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) ^(26 05 33 23-0057)		
			Note: Galvanized finish.		
26 05 33 23-0151	LF		2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	12.07	4.32
			<i>For Concrete Or Masonry Surface, Add</i>	0.43	
26 05 33 23-0152	EA		Wire Clip (Wiremold #2600WC)	4.67	1.91
26 05 33 23-0153	EA		Fiber Bushing (Wiremold #2602)	5.13	1.91
26 05 33 23-0154	EA		2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	17.01	3.36
26 05 33 23-0155	EA		5" Diameter, Junction Box (Wiremold #2642D)	25.38	4.80
26 05 33 23-0156	EA		Service Fitting (Wiremold #2686FO)	25.28	5.75
26 05 33 23-0157			Two Piece Surface Metal Raceways ^(26 05 33 23-0056)		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0158			1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) ^(26 05 33 23-0157)		
26 05 33 23-0159	LF		1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	7.06	2.39
			<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0160	EA		Wire Clip (Wiremold #2000WC)	3.46	1.91
26 05 33 23-0161	EA		Coupling (Wiremold #2001)	9.36	2.39
26 05 33 23-0162	EA		Supporting Clip (Wiremold #2003)	4.36	1.44
26 05 33 23-0163	EA		Cover Clip (Wiremold #2006)	4.07	1.44
26 05 33 23-0164	EA		Ground Clamp (Wiremold #2009)	10.21	2.39
26 05 33 23-0165	EA		Entrance End Fitting (Wiremold #2010A2)	20.84	7.19
26 05 33 23-0166	EA		Entrance End Fitting (Wiremold #2010A3)	34.90	9.59
26 05 33 23-0167	EA		Blank End Fitting (Wiremold #2010B)	5.66	2.39
26 05 33 23-0168	EA		Flat 90 Degree Elbow (Wiremold #2011)	17.95	6.23
26 05 33 23-0169	EA		Tee (Wiremold #2015)	32.27	9.02
26 05 33 23-0170	EA		Internal Corner Coupling (Wiremold #2017TC)	11.70	4.80
26 05 33 23-0171	EA		Single Gang Device Box (Wiremold #2048)	26.93	8.54
26 05 33 23-0172	EA		2-Gang device Box (Wiremold #2048-2)	41.38	9.49
26 05 33 23-0173	EA		Flush Plate Adapter (Wiremold #2051H)	29.24	9.49
26 05 33 23-0174	EA		Side Reducing Connector (Wiremold #2089)	23.27	4.80
26 05 33 23-0175	EA		#2089E End Reducing Connector	9.71	2.39
26 05 33 23-0176			1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) ^(26 05 33 23-0157)		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF		1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	6.01	2.39
			<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0178	LF		1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	6.49	2.39
			<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0179	LF		Raceway Cover (Wiremold #2400C)	2.20	0.48
26 05 33 23-0180	EA		Wire Clip (Wiremold #2400WC)	3.41	1.91
26 05 33 23-0181	EA		Coupling (Wiremold #2401)	9.23	2.39
26 05 33 23-0182	EA		Divided Raceway Coupling (Wiremold #2401D)	7.12	2.39
26 05 33 23-0183	EA		Cover Clip (Wiremold #2406)	3.99	1.44
26 05 33 23-0184	EA		Device Bracket Frame (Wiremold #2407-2CM)	28.25	7.19
26 05 33 23-0185	EA		Device Bracket Frame (Wiremold #2407-2TJ)	27.19	7.19
26 05 33 23-0186	EA		Ground Clamp (Wiremold #2409)	7.21	1.91
26 05 33 23-0187	EA		End Fitting (Wiremold #2410A)	19.55	7.19
26 05 33 23-0188	EA		Blank End (Wiremold #2410B)	5.62	2.39
26 05 33 23-0189	EA		Divided Blank End Fitting (Wiremold #2410BD)	5.68	2.39
26 05 33 23-0190	EA		Entrance End Fitting (Wiremold #2410C)	28.12	7.19
26 05 33 23-0191	EA		Divided Entrance End Fitting (Wiremold #2410D)	27.09	7.19
26 05 33 23-0192	EA		Divided Entrance End Fitting (Wiremold #2410DFO)	42.45	7.19
26 05 33 23-0193	EA		Full Cap Entrance End Fitting (Wiremold #2410FC)	33.24	7.19
26 05 33 23-0194	EA		Divided Flat 90 Degree Elbow (Wiremold #2411D)	21.57	7.19
26 05 33 23-0195	EA		Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	32.70	7.19
26 05 33 23-0196	EA		Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	29.58	7.09
26 05 33 23-0197	EA		Flat 90 Degree Elbow (Wiremold #2411M)	20.71	7.19
26 05 33 23-0198	EA		Radiused Divided Tee (Wiremold #2415DFO)	34.83	7.09
26 05 33 23-0199	EA		Radiused Tee (Wiremold #2415FO)	33.27	7.09

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0200	EA	Tee (Wiremold #2415M)	23.95	7.09
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D).....	20.49	7.09
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO).....	30.44	7.09
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	29.63	7.09
26 05 33 23-0204	EA	Radiused Divided External Coupling (Wiremold #2418DFO).....	32.83	7.09
26 05 33 23-0205	EA	Radiused External Coupling (Wiremold #2418FO).....	32.35	7.09
26 05 33 23-0206	EA	Internal Coupling (Wiremold #2417M)	19.94	7.09
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M).....	23.60	7.09
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	29.75	6.23
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2).....	32.75	6.23
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS).....	32.90	6.23
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	31.63	6.23
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A).....	43.58	6.23
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N).....	38.67	6.23
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	21.61	6.23
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	32.09	6.23
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450).....	10.05	2.39
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	24.44	7.19
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	66.91	7.19
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489).....	20.21	3.84

26 05 33 23-0220 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) (26 05 33 23-0157)

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B).....	11.91	4.32
			<i>0.43</i>	
<i>For Concrete Or Masonry Surface, Add</i>				
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	2.66	0.48
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	4.49	1.91
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	11.77	1.91
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	11.08	2.39
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003).....	8.37	2.39
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	4.97	1.91
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C).....	12.53	3.84
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C).....	12.16	2.88
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	29.07	9.11
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B).....	10.80	3.84
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	31.90	9.11
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E).....	47.37	11.89
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	34.87	11.98
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E).....	64.68	14.86
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	31.23	9.11
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	37.87	9.11
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38"-1.4" (Wiremold #3027AE)	27.83	9.11
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	45.22	9.11
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56"-1.57" (Wiremold #3033JE)	14.44	2.39
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE).....	15.72	2.39
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	14.40	2.39
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE).....	14.48	2.88
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	40.94	12.47
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2).....	50.58	9.11
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	14.64	2.88
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2).....	13.99	2.39
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD).....	53.08	5.75
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	124.98	5.75
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	46.64	5.75
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	50.21	5.75
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U).....	50.21	5.75
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	16.54	2.88

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) (26 05 33 23-0157)

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10).....	14.37	4.32
			<i>0.46</i>	
<i>For Concrete Or Masonry Surface, Add</i>				
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	4.85	0.48
26 05 33 23-0257	LF	Divider (Wiremold #4000D).....	2.44	0.48
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	5.41	2.39
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	14.23	2.88
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	6.96	2.88
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006).....	7.06	2.88
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	27.30	6.23
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B).....	14.91	3.84
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	57.23	14.77
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011).....	52.70	11.98
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO).....	61.61	11.98
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	57.91	14.86
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	75.74	14.86
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	83.55	14.86
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D).....	86.69	14.86
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	102.68	14.86
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	102.99	14.86
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017).....	47.88	14.86
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO).....	82.17	14.86
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	52.59	14.86

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	45.39	14.86
26 05 33 23-0277	EA	External Elbow (Wiremold #4018).....	69.30	14.86
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	79.72	14.86
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	65.59	6.23
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	69.44	6.23
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	69.44	6.23
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	92.23	6.23
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2).....	20.79	6.23
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	58.87	2.88
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ).....	71.04	6.23
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	20.22	6.23
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	23.37	6.23
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050).....	22.75	4.80
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	104.20	14.86
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D).....	94.32	14.86
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	94.32	14.86
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	80.60	28.29
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089).....	48.87	14.86

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) (26 05 33 23-0157)

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10).....	20.56	5.27
		<i>For Concrete Or Masonry Surface, Add</i>	0.53	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C).....	5.82	1.44
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	6.03	1.44
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC).....	6.20	2.39
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	17.58	4.80
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D).....	8.06	2.39
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	22.23	6.23
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006).....	21.19	6.23
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	22.13	6.23
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	24.06	6.23
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A).....	34.98	9.11
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	39.02	14.39
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	69.65	14.39
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	70.61	13.81
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	99.36	14.86
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX).....	72.55	16.30
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD).....	122.95	16.30
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	118.27	14.39
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	127.62	14.39
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086).....	84.36	33.37

26 05 33 23-0315 Two Piece Surface Aluminum Raceways (26 05 33 23-0056)

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) (26 05 33 23-0315)

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	8.91	2.39
		<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	4.22	0.48
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC).....	4.41	1.91
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001).....	10.08	2.39
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003).....	4.73	1.44
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	5.88	1.44
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009).....	8.52	2.39
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	23.94	7.19
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B).....	7.77	2.39
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011).....	27.12	6.23
26 05 33 23-0327	EA	Tee (Wiremold #AL2015).....	36.96	9.02
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	24.26	4.80
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	24.22	4.80
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	40.15	9.49
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038).....	88.83	8.54
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	40.97	8.54
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	82.30	9.49
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	42.33	8.54
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	73.10	9.49
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H).....	33.01	9.49

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) (26 05 33 23-0315)

26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B).....	9.40	2.39
		<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	4.02	0.48
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC).....	5.57	1.91
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401).....	11.18	2.39
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	7.05	1.44
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409).....	6.28	1.91
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	8.15	2.39
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2).....	18.44	7.19

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411).....	30.89	7.19
26 05 33 23-0347	EA	Tee (Wiremold #AL2415).....	33.35	7.09
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416).....	38.59	7.09
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417).....	30.77	7.09
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418).....	32.87	7.09
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H).....	27.90	7.19

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) (26 05 33 23-0315)

26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B).....	16.23	4.32
		<i>For Concrete Or Masonry Surface, Add</i>	0.43	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE).....	4.41	0.48
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D).....	3.68	4.32
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC).....	7.42	1.91
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301).....	14.29	1.91
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D).....	11.33	2.39
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309).....	7.76	1.91
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B).....	16.09	3.84
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1).....	27.48	9.11
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311).....	76.10	11.89
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315).....	87.88	14.86
		Note: Includes three (3) AL3301 couplings.		
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316).....	98.47	14.86
		Note: Includes four (4) AL3301 couplings.		
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317).....	70.36	9.11
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318).....	70.43	9.11
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D).....	16.01	2.88
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E).....	15.92	2.88
26 05 33 23-0369	EA	GFCI/ Surge Receptacle Cover (Wiremold #AL3346G).....	15.76	2.88
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R).....	15.56	2.39

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) (26 05 33 23-0315)

26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10).....	20.82	4.32
		<i>For Concrete Or Masonry Surface, Add</i>	0.46	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C).....	8.27	0.48
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D).....	4.90	0.48
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC).....	6.86	2.39
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2).....	5.83	2.39
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3).....	5.80	2.39
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201).....	13.88	2.88
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206).....	12.00	2.88
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209).....	15.18	2.88
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B).....	15.80	3.84
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1).....	16.87	3.84
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2).....	17.11	3.84
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3).....	16.62	3.84
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiremold #AL5211).....	84.24	11.98
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214).....	67.98	14.86
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215).....	98.82	14.86
		Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216).....	107.96	14.86
		Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217).....	88.20	14.86
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A).....	40.12	14.86
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N).....	90.52	14.86
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218).....	88.92	14.86
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B).....	18.96	2.88
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D).....	22.31	2.88
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD).....	26.30	2.88
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F).....	24.72	2.88
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G).....	22.90	2.88
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260).....	22.13	6.23

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) (26 05 33 23-0315)

26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10).....	18.70	4.32
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806).....	9.14	2.88
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B).....	15.68	3.84
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1).....	16.75	3.84
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811).....	83.44	11.98
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815).....	86.85	14.86
		Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817).....	84.80	14.86
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N).....	99.00	14.86
		Note: Includes two (2) ALA01 couplings.		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818)..... Note: Includes two (2) ALA01 couplings.	85.85		14.86
26 05 33 23-0409		6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)			
26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)..... <small>(26 05 33 23-0315)</small>	27.05		4.32
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806).....	12.06		2.88
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B).....	15.84		3.84
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2).....	17.45		3.84
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811)..... Note: Includes four (4) ALA01 couplings.	97.70		11.98
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815)..... Note: Includes six (6) ALA01 couplings.	133.06		14.86
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817)..... Note: Includes four (4) ALA01 couplings.	91.85		14.86
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N)..... Note: Includes four (4) ALA01 couplings.	107.04		14.86
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818)..... Note: Includes four (4) ALA01 couplings.	96.13		14.86
26 05 33 23-0419		Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) <small>(26 05 33 23-0315)</small>			
26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5)..... Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	5.81		0.48
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC).....	5.49		2.39
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01).....	14.03		2.88
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09).....	12.24		2.88
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI).....	33.42		11.98
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A).....	40.10		14.86
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA1718RI).....	36.63		11.98
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL).....	14.38		2.88
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR).....	15.26		2.88
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E).....	15.84		2.88
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F).....	16.51		2.88
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G).....	15.38		2.88
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J).....	15.85		2.88
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N).....	16.23		2.88
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB).....	20.48		2.88
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB).....	19.32		2.88
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT).....	22.09		2.88
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG).....	15.82		2.88
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A).....	21.38		2.88
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT).....	19.67		2.88
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z).....	16.20		2.88
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2).....	19.83		2.88
26 05 33 23-0442		Surface Non-Metallic Raceways <small>(26 05 33 23-0001)</small> Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.			
26 05 33 23-0443		One Piece Surface Non-Metallic Raceways <small>(26 05 33 23-0442)</small> Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).			
26 05 33 23-0444		7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) <small>(26 05 33 23-0443)</small>			
26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)..... For Concrete Or Masonry Surface, Add	5.40 0.19		1.91
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC).....	4.17		1.91
26 05 33 23-0447	EA	Cover Clip (Wiremold #406).....	4.38		1.91
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B).....	8.45		3.84
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411).....	9.75		3.84
26 05 33 23-0450	EA	Tee (Wiremold #415).....	12.26		4.80
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417).....	9.59		3.84
26 05 33 23-0452	EA	External Elbow (Wiremold #418).....	9.59		3.84
26 05 33 23-0453		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) <small>(26 05 33 23-0443)</small>			
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)..... For Concrete Or Masonry Surface, Add	6.22 0.19		1.91
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC).....	4.24		1.91
26 05 33 23-0456	EA	Cover Clip (Wiremold #806).....	4.32		1.91
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2).....	12.97		3.84
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B).....	8.54		3.84
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811).....	9.82		3.84
26 05 33 23-0460	EA	Tee (Wiremold #815).....	12.33		4.80
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817).....	9.64		3.84
26 05 33 23-0462	EA	External Elbow (Wiremold #818).....	9.64		3.84
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A).....	10.84		3.84
26 05 33 23-0464		2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) <small>(26 05 33 23-0443)</small>			

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC) <i>For Concrete Or Masonry Surface, Add</i>	7.16 0.19	1.91
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)..... <i>For Concrete Or Masonry Surface, Add</i>	7.61 0.19	1.91
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC).....	4.44	1.91
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306).....	4.67	1.91
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	14.08	3.84
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B).....	8.98	3.84
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	15.83	3.84
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311).....	10.01	3.84
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	10.74	3.84
26 05 33 23-0474	EA	Tee (Wiremold #2315).....	12.43	4.80
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317).....	10.01	3.84
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	10.76	3.84
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	10.03	3.84
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	10.89	3.84
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389).....	10.90	3.84
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A).....	11.37	3.84

26 05 33 23-0481 One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) (26 05 33 23-0443)

26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336).....	12.09	3.36
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	19.78	3.84
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233).....	19.89	3.84
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	17.97	3.84
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	20.80	3.84
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D).....	19.56	3.84
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	21.24	3.84
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347).....	18.00	6.23
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	20.50	6.23
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348).....	18.73	6.23
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	22.49	6.23
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3).....	26.86	6.23
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	25.47	6.23
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D).....	23.09	6.23
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	17.63	6.23

26 05 33 23-0497 3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) (26 05 33 23-0443)

26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	5.09	1.91
		<i>For Concrete Or Masonry Surface, Add</i>	0.19	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC).....	2.18	0.96
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706).....	3.24	0.96
26 05 33 23-0501	EA	Blank End (Wiremold #2710B).....	5.16	1.91
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711).....	6.15	2.39
26 05 33 23-0503	EA	Tee (Wiremold #2715).....	9.99	4.32
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717).....	7.10	2.88
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	7.09	2.88
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	8.37	3.36

26 05 33 23-0507 1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) (26 05 33 23-0443)

26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	6.55	2.39
		<i>For Concrete Or Masonry Surface, Add</i>	0.24	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC).....	3.26	1.44
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806).....	4.30	1.44
26 05 33 23-0511	EA	Blank End (Wiremold #2810B).....	6.22	2.39
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811).....	8.20	3.36
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	8.71	3.36
26 05 33 23-0514	EA	Tee (Wiremold #2815).....	12.04	5.27
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817).....	9.15	3.84
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	9.17	3.84
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	12.73	5.27
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	9.77	3.84
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	9.68	3.84
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	10.31	4.32
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889).....	9.29	3.84

26 05 33 23-0522 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) (26 05 33 23-0443)

26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	7.96	2.88
		<i>For Concrete Or Masonry Surface, Add</i>	0.29	
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	4.31	1.91
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906).....	5.37	1.91
26 05 33 23-0526	EA	Blank End (Wiremold #2910B).....	7.28	2.88
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911).....	9.22	3.84
26 05 33 23-0528	EA	Tee (Wiremold #2915).....	13.04	5.75
26 05 33 23-0529	EA	Radiused Tee (Wiremold #2915FO)	13.87	5.75
26 05 33 23-0530	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO).....	10.03	3.84
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917).....	10.17	4.32
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO).....	11.01	4.32
26 05 33 23-0533	EA	External Elbow (Wiremold #2918)	10.16	4.32

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO)	11.25	4.32
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	10.30	4.32
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	11.45	4.80
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	11.17	4.80

26 05 33 23-0538 Two Piece Surface Non-Metallic Raceways (26 05 33 23-0442)

Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).

26 05 33 23-0539 5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) (26 05 33 23-0538)

26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	12.21	4.32
		<i>For Concrete Or Masonry Surface, Add</i>	0.43	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	11.66	4.32
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	20.95	4.32
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	17.28	4.32
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.62	0.48
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	6.28	0.48
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	3.94	0.48
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	11.48	4.80
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	6.36	2.39
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	8.40	2.88
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	12.25	4.80
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	11.54	4.80
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	13.00	4.80
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	23.79	9.59
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	24.54	9.59
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	20.95	9.11
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	39.82	14.86
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	28.11	11.98
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	25.03	9.59
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	17.32	7.19
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	28.06	11.98
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	25.23	9.59
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	11.35	4.80

26 05 33 23-0563 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) (26 05 33 23-0538)

26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	13.28	4.32
		<i>For Concrete Or Masonry Surface, Add</i>	0.43	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	4.37	0.48
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	2.85	0.48
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	5.29	2.39
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	8.64	2.88
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	7.39	2.88
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	6.68	2.88
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	48.91	14.86
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	24.40	9.11
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	47.07	14.86
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	42.59	11.98
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	49.35	14.86
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	51.51	14.86
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	41.43	14.86
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	41.97	14.86
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	42.47	14.86
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	19.49	4.80
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	25.38	4.80
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	15.14	4.80
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	43.49	14.86

26 05 33 23-0584 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) (26 05 33 23-0538)

26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	16.37	4.32
		<i>For Concrete Or Masonry Surface, Add</i>	0.43	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	5.71	0.48
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	6.07	2.39
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	9.64	2.88
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	7.01	2.88
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	9.03	2.88
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	9.06	2.88
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	9.10	2.88
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	9.10	2.88
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	9.02	2.88
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	9.04	2.88
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	8.97	2.88
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	8.99	2.88
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	9.06	2.88
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	8.88	2.88
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	23.11	4.80
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	30.71	4.80
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	26.31	9.11
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	53.18	14.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	48.21	11.98
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	39.24	11.98
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	55.74	14.86
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	45.33	14.86
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	46.37	14.86
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	48.56	14.86
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	44.29	14.86
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	58.50	14.86

26 05 36 Cable Trays For Electrical Systems (26 05)

26 05 36 00-0001 Cable Trays (26 05 36)

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray (26 05 36 00-0001)

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray

(26 05 36 00-0002)

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.95	10.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.55	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.65	10.81
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.77	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.05	11.65
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.03	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.51	12.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.42	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.77	12.81
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.81	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	59.33	14.81
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.70	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	66.61	16.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-5.26	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.07	9.87
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.38	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.67	10.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.59	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.02	11.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.75	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.53	12.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.05	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.63	12.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.33	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.25	14.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.93	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.01	15.75
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.29	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.92	9.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.28	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.85	10.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.34	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.03	10.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.61	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.30	11.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.89	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.44	11.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.18	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.18	12.60
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.47	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.54	13.64
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.72	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom

Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.98	9.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.22	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.61	9.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.27	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.40	10.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.40	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.31	10.60
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.55	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.70	10.60
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.69	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.40		11.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.99		
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.51		11.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.15		
26 05 36 00-0036		18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>			
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.57		9.14
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.19		
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.09		9.35
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.23		
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.88		9.87
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.37		
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.47		10.29
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.49		
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.01		10.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.54		
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.15		11.13
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.68		
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.72		11.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.79		
26 05 36 00-0044		4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>			
26 05 36 00-0045		12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.02		105.30
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.03		
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.82		119.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.99		
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.68		132.59
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.92		
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.94		162.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.65		
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.70		186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.42		
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.63		209.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.37		
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.93		239.99
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.39		
26 05 36 00-0053		24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	373.57		109.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.23		
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.73		125.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.18		
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.57		139.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.09		
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.13		173.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.53		
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	572.66		201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.46		
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	638.66		228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.79		
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	747.53		265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.66		
26 05 36 00-0061		36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.37		114.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.70		
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.12		132.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.38		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0064 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	480.80 -35.72	148.24
26 05 36 00-0065 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	578.45 -42.30	186.56
26 05 36 00-0066 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	658.95 -47.64	219.00
26 05 36 00-0067 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	772.64 -56.27	251.97
26 05 36 00-0068 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	878.38 -63.17	296.06
26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0070 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	199.17 -36.48 -65.04 -13.56	76.32
26 05 36 00-0071 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	227.46 -39.98 -71.72 -15.12	91.55
26 05 36 00-0072 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	252.87 -43.20 -77.84 -16.54	104.99
26 05 36 00-0073 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	303.41 -49.27 -89.49 -19.29	132.70
26 05 36 00-0074 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	376.67 -62.00 -112.37 -24.12	162.52
26 05 36 00-0075 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	446.18 -75.71 -136.56 -29.07	186.56
26 05 36 00-0076 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	506.11 -83.06 -150.60 -32.36	219.00
26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0078 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	222.27 -43.18 -76.34 -15.67	78.74
26 05 36 00-0079 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	255.20 -47.83 -84.99 -17.61	94.91
26 05 36 00-0080 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	291.39 -54.15 -96.34 -20.01	109.60
26 05 36 00-0081 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	344.99 -60.19 -108.09 -22.83	139.95
26 05 36 00-0082 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	424.89 -73.59 -132.30 -28.00	173.86
26 05 36 00-0083 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	497.72 -86.95 -156.13 -32.97	201.68

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0084	EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.27	240.10
	<i>For 60 Degree Bend, Deduct</i>	-101.12	
	<i>For 30 Degree Bend, Deduct</i>	-181.86	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.52	
26 05 36 00-0085	36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0086	EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.15	81.26
	<i>For 60 Degree Bend, Deduct</i>	-56.70	
	<i>For 30 Degree Bend, Deduct</i>	-99.01	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.85	
26 05 36 00-0087	EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.59	98.68
	<i>For 60 Degree Bend, Deduct</i>	-62.03	
	<i>For 30 Degree Bend, Deduct</i>	-108.87	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.04	
26 05 36 00-0088	EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.97	114.54
	<i>For 60 Degree Bend, Deduct</i>	-65.65	
	<i>For 30 Degree Bend, Deduct</i>	-115.77	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.65	
26 05 36 00-0089	EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.98	148.24
	<i>For 60 Degree Bend, Deduct</i>	-75.15	
	<i>For 30 Degree Bend, Deduct</i>	-133.49	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.64	
26 05 36 00-0090	EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.64	186.56
	<i>For 60 Degree Bend, Deduct</i>	-84.45	
	<i>For 30 Degree Bend, Deduct</i>	-151.11	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.72	
26 05 36 00-0091	EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	573.71	219.00
	<i>For 60 Degree Bend, Deduct</i>	-105.37	
	<i>For 30 Degree Bend, Deduct</i>	-187.78	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.12	
26 05 36 00-0092	EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.06	265.09
	<i>For 60 Degree Bend, Deduct</i>	-120.81	
	<i>For 30 Degree Bend, Deduct</i>	-216.08	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.31	
26 05 36 00-0093	12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0094	EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.14	104.99
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.17	
26 05 36 00-0095	EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	316.67	119.89
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.67	
26 05 36 00-0096	EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.65	132.59
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.12	
26 05 36 00-0097	EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.82	162.52
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.14	
26 05 36 00-0098	EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.19	186.56
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.67	
26 05 36 00-0099	EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.66	209.97
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.67	
26 05 36 00-0100	EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.45	239.68
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.67	
26 05 36 00-0101	24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0102	EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.91	109.50
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.27	
26 05 36 00-0103	EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.30	125.98
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.03	
26 05 36 00-0104	EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.19	139.95
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.85	
26 05 36 00-0105	EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.76	173.86
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.59	
26 05 36 00-0106	EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.32	201.68
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.83	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-0107	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 582.24		228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.15		
	26 05 36 00-0108	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 667.55		265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -44.66		
	26 05 36 00-0109			36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
	26 05 36 00-0110	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 408.56		114.43
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -31.32		
	26 05 36 00-0111	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 446.62		132.59
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -33.62		
	26 05 36 00-0112	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 475.45		148.24
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -35.19		
	26 05 36 00-0113	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 557.66		186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -40.22		
	26 05 36 00-0114	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 614.34		219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -43.18		
	26 05 36 00-0115	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 703.36		251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -49.34		
	26 05 36 00-0116	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 795.14		296.06
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -54.85		
	26 05 36 00-0117			12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
	26 05 36 00-0118	EA		6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 518.92		201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -35.09		
	26 05 36 00-0119	EA		9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 561.54		219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -37.90		
	26 05 36 00-0120	EA		12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 588.90		228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.82		
	26 05 36 00-0121	EA		18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 657.38		251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -44.74		
	26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 744.56		279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -51.15		
	26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 827.25		296.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -58.01		
	26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 936.27		335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -65.65		
	26 05 36 00-0125			24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
	26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 651.60		219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -46.91		
	26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 700.32		240.10
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -50.03		
	26 05 36 00-0128	EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 731.07		251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -52.11		
	26 05 36 00-0129	EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 801.88		279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -56.88		
	26 05 36 00-0130	EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 890.65		314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -62.82		
	26 05 36 00-0131	EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 958.10		335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -67.83		
	26 05 36 00-0132	EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 1,156.83		387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -83.36		
	26 05 36 00-0133			36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	828.59	240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.85	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	886.73	265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.58	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	941.07	279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.80	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,035.30	314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.28	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,175.10	359.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.55	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,274.19	387.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.10	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,437.10	457.74
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.56	
26 05 36 00-0141		12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	622.11	186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.66	
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	637.09	193.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.55	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	652.65	201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.46	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	687.08	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.46	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	708.99	228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.83	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	769.28	251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.93	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	829.17	279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.61	
26 05 36 00-0149		24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	898.28	201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.03	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	920.36	209.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.54	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	943.63	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.11	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	995.07	240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.50	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,031.29	251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.13	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,093.91	279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.08	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,179.95	314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.75	
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,415.79	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.33	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,445.88	228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-125.51	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,478.15	240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-127.81	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,533.56	265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.26	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0162	EA			24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,571.52	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-133.84	
26 05 36 00-0163	EA			30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,671.21	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.87	
26 05 36 00-0164	EA			36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,759.16	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.95	
26 05 36 00-0165				12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0166	EA			6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	646.47	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.65	
26 05 36 00-0167	EA			9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	679.30	265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.84	
26 05 36 00-0168	EA			12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	725.46	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.24	
26 05 36 00-0169	EA			18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	778.12	296.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.10	
26 05 36 00-0170	EA			24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	876.22	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.64	
26 05 36 00-0171	EA			30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	978.59	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.90	
26 05 36 00-0172	EA			36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,069.49	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.63	
26 05 36 00-0173				24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0174	EA			6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	905.59	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.25	
26 05 36 00-0175	EA			9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	947.33	296.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.02	
26 05 36 00-0176	EA			12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	991.63	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.92	
26 05 36 00-0177	EA			18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,056.35	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.65	
26 05 36 00-0178	EA			24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,175.93	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.27	
26 05 36 00-0179	EA			30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,264.86	419.94
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.49	
26 05 36 00-0180	EA			36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,418.00	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.65	
26 05 36 00-0181				36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0182	EA			6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,139.01	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.65	
26 05 36 00-0183	EA			9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,201.00	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.12	
26 05 36 00-0184	EA			12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,267.89	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.83	
26 05 36 00-0185	EA			18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,383.35	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.01	
26 05 36 00-0186	EA			24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,581.75	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.03	
26 05 36 00-0187	EA			30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,725.54	503.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.63	
26 05 36 00-0188	EA			36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,889.26	560.41
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.22	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0189			12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0190	EA		6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	748.40	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.84	
26 05 36 00-0191	EA		9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	786.30	265.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.53	
26 05 36 00-0192	EA		12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	842.05	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.90	
26 05 36 00-0193	EA		18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	906.03	296.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.88	
26 05 36 00-0194	EA		24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,018.69	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.89	
26 05 36 00-0195	EA		30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,149.59	359.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.98	
26 05 36 00-0196	EA		36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,259.07	387.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.62	
26 05 36 00-0197			24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0198	EA		6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,103.32	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.02	
26 05 36 00-0199	EA		9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,151.21	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.41	
26 05 36 00-0200	EA		12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,201.65	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.92	
26 05 36 00-0201	EA		18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,279.88	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.01	
26 05 36 00-0202	EA		24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,414.20	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.10	
26 05 36 00-0203	EA		30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,519.09	419.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-116.91	
26 05 36 00-0204	EA		36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,712.76	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-133.13	
26 05 36 00-0205			36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0206	EA		6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,415.34	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.29	
26 05 36 00-0207	EA		9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,489.62	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.98	
26 05 36 00-0208	EA		12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,568.79	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.92	
26 05 36 00-0209	EA		18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,714.96	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.17	
26 05 36 00-0210	EA		24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,950.20	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-156.87	
26 05 36 00-0211	EA		30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,124.69	503.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-170.54	
26 05 36 00-0212	EA		36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,319.12	560.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-185.21	
26 05 36 00-0213			6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0214			12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0215	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	254.80	105.30
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.71	
26 05 36 00-0216	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	285.55	119.89
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.56	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0217	EA			12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 314.14		132.59
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.37	
26 05 36 00-0218	EA			18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 391.79		162.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.64	
26 05 36 00-0219	EA			24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 447.02		186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.15	
26 05 36 00-0220	EA			30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 528.82		209.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.38	
26 05 36 00-0221	EA			36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 609.08		239.99
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.91	
26 05 36 00-0222				24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0223	EA			6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 346.27		109.50
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.50	
26 05 36 00-0224	EA			9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 378.59		125.88
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.37	
26 05 36 00-0225	EA			12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 408.39		139.95
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.17	
26 05 36 00-0226	EA			18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 478.64		173.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.38	
26 05 36 00-0227	EA			24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 538.86		201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.08	
26 05 36 00-0228	EA			30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 601.92		228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.12	
26 05 36 00-0229	EA			36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 703.87		265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.29	
26 05 36 00-0230				36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0231	EA			6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 372.14		114.43
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.68	
26 05 36 00-0232	EA			9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 412.21		132.49
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.18	
26 05 36 00-0233	EA			12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 447.42		148.24
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.39	
26 05 36 00-0234	EA			18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 540.24		186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.48	
26 05 36 00-0235	EA			24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 616.96		219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.44	
26 05 36 00-0236	EA			30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 722.26		251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.23	
26 05 36 00-0237	EA			36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 823.38		296.06
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.67	
26 05 36 00-0238				12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0239	EA			6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 188.88		76.32
				<i>For 60 Degree Bend, Deduct</i>	-33.08	
				<i>For 30 Degree Bend, Deduct</i>	-59.38	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.53	
26 05 36 00-0240	EA			9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 216.75		91.55
				<i>For 60 Degree Bend, Deduct</i>	-36.45	
				<i>For 30 Degree Bend, Deduct</i>	-65.83	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.05	
26 05 36 00-0241	EA			12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 241.74		104.99
				<i>For 60 Degree Bend, Deduct</i>	-39.53	
				<i>For 30 Degree Bend, Deduct</i>	-71.71	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.43	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.65		132.70
		<i>For 60 Degree Bend, Deduct</i>	-45.39		
		<i>For 30 Degree Bend, Deduct</i>	-83.02		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.11		
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	361.55		162.52
		<i>For 60 Degree Bend, Deduct</i>	-57.01		
		<i>For 30 Degree Bend, Deduct</i>	-104.05		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.61		
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.87		186.56
		<i>For 60 Degree Bend, Deduct</i>	-69.34		
		<i>For 30 Degree Bend, Deduct</i>	-125.94		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.14		
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	485.96		219.00
		<i>For 60 Degree Bend, Deduct</i>	-76.41		
		<i>For 30 Degree Bend, Deduct</i>	-139.52		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.34		
26 05 36 00-0246		24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	209.26		78.74
		<i>For 60 Degree Bend, Deduct</i>	-38.89		
		<i>For 30 Degree Bend, Deduct</i>	-69.19		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.37		
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	241.35		94.91
		<i>For 60 Degree Bend, Deduct</i>	-43.26		
		<i>For 30 Degree Bend, Deduct</i>	-77.37		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.22		
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	275.85		109.60
		<i>For 60 Degree Bend, Deduct</i>	-49.02		
		<i>For 30 Degree Bend, Deduct</i>	-87.79		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.45		
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.03		139.95
		<i>For 60 Degree Bend, Deduct</i>	-54.92		
		<i>For 30 Degree Bend, Deduct</i>	-99.31		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.24		
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.58		173.86
		<i>For 60 Degree Bend, Deduct</i>	-67.21		
		<i>For 30 Degree Bend, Deduct</i>	-121.68		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.07		
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.62		201.68
		<i>For 60 Degree Bend, Deduct</i>	-79.33		
		<i>For 30 Degree Bend, Deduct</i>	-143.42		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.66		
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.82		240.10
		<i>For 60 Degree Bend, Deduct</i>	-92.39		
		<i>For 30 Degree Bend, Deduct</i>	-167.32		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.88		
26 05 36 00-0254		36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	247.47		81.26
		<i>For 60 Degree Bend, Deduct</i>	-50.53		
		<i>For 30 Degree Bend, Deduct</i>	-88.73		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.98		
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.86		98.68
		<i>For 60 Degree Bend, Deduct</i>	-55.52		
		<i>For 30 Degree Bend, Deduct</i>	-98.02		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.06		
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	311.82		114.54
		<i>For 60 Degree Bend, Deduct</i>	-59.00		
		<i>For 30 Degree Bend, Deduct</i>	-104.69		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.64		
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.14		148.24
		<i>For 60 Degree Bend, Deduct</i>	-67.94		
		<i>For 30 Degree Bend, Deduct</i>	-121.48		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.46		
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.54		186.56
		<i>For 60 Degree Bend, Deduct</i>	-76.82		
		<i>For 30 Degree Bend, Deduct</i>	-138.40		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.41		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0260	EA			30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 543.90		219.00
				<i>For 60 Degree Bend, Deduct</i> -95.53		
				<i>For 30 Degree Bend, Deduct</i> -171.38		
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -36.14		
26 05 36 00-0261	EA			36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 640.88		265.09
				<i>For 60 Degree Bend, Deduct</i> -109.86		
				<i>For 30 Degree Bend, Deduct</i> -197.83		
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -42.00		
26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0213)						
26 05 36 00-0263	EA			6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 280.00		104.99
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -19.25		
26 05 36 00-0264	EA			9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 307.33		119.89
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -20.74		
26 05 36 00-0265	EA			12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 331.99		132.59
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -22.15		
26 05 36 00-0266	EA			18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 386.75		162.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -25.13		
26 05 36 00-0267	EA			24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 431.70		186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -27.62		
26 05 36 00-0268	EA			30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 480.32		209.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -30.53		
26 05 36 00-0269	EA			36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 534.69		239.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -33.49		
26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0213)						
26 05 36 00-0271	EA			6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 331.00		109.50
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -23.97		
26 05 36 00-0272	EA			9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 362.07		125.98
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -25.71		
26 05 36 00-0273	EA			12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 391.44		139.95
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -27.48		
26 05 36 00-0274	EA			18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 456.28		173.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -31.14		
26 05 36 00-0275	EA			24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 511.10		201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -34.31		
26 05 36 00-0276	EA			30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 566.18		228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -37.54		
26 05 36 00-0277	EA			36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 649.49		265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -42.86		
26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0213)						
26 05 36 00-0279	EA			6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 391.14		114.43
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -29.58		
26 05 36 00-0280	EA			9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 428.56		132.59
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -31.81		
26 05 36 00-0281	EA			12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 457.19		148.24
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -33.36		
26 05 36 00-0282	EA			18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 537.93		186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -38.24		
26 05 36 00-0283	EA			24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 594.39		219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -41.19		
26 05 36 00-0284	EA			30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 680.69		251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -47.07		
26 05 36 00-0285	EA			36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 771.00		296.06
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -52.43		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0286			12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0287	EA		6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	504.85	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.68	
26 05 36 00-0288	EA		9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	546.42	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.39	
26 05 36 00-0289	EA		12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	572.95	228.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.22	
26 05 36 00-0290	EA		18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	639.12	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.92	
26 05 36 00-0291	EA		24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	723.15	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.01	
26 05 36 00-0292	EA		30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	801.63	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.45	
26 05 36 00-0293	EA		36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	907.29	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.75	
26 05 36 00-0294			24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0295	EA		6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	629.56	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.70	
26 05 36 00-0296	EA		9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	677.22	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.72	
26 05 36 00-0297	EA		12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	707.14	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.72	
26 05 36 00-0298	EA		18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	776.05	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.30	
26 05 36 00-0299	EA		24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	862.52	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.01	
26 05 36 00-0300	EA		30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	927.45	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.76	
26 05 36 00-0301	EA		36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,117.57	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.43	
26 05 36 00-0302			36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0303	EA		6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	795.63	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.56	
26 05 36 00-0304	EA		9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	852.51	265.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.16	
26 05 36 00-0305	EA		12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	904.54	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.15	
26 05 36 00-0306	EA		18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	996.04	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.36	
26 05 36 00-0307	EA		24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,130.80	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.12	
26 05 36 00-0308	EA		30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,225.90	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.27	
26 05 36 00-0309	EA		36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,385.25	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.38	
26 05 36 00-0310			12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0311	EA		6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	598.18	186.56
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.27	
26 05 36 00-0312	EA		9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	612.95	193.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.13	
26 05 36 00-0313	EA		12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	628.30	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.03	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0314	EA			18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	662.31	219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.98	
26 05 36 00-0315	EA			24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	683.80	228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.31	
26 05 36 00-0316	EA			30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	742.41	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.24	
26 05 36 00-0317	EA			36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	801.25	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.82	
26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>						
26 05 36 00-0319	EA			6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	855.04	201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.70	
26 05 36 00-0320	EA			9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	876.48	209.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.15	
26 05 36 00-0321	EA			12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	899.12	219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.66	
26 05 36 00-0322	EA			18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.31	240.10
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.93	
26 05 36 00-0323	EA			24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	984.26	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.43	
26 05 36 00-0324	EA			30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,045.62	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.25	
26 05 36 00-0325	EA			36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,129.56	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.71	
26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>						
26 05 36 00-0327	EA			6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,334.96	219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.24	
26 05 36 00-0328	EA			9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,364.01	228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.33	
26 05 36 00-0329	EA			12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,395.22	240.10
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.52	
26 05 36 00-0330	EA			18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,449.58	265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-122.87	
26 05 36 00-0331	EA			24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,486.50	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-125.34	
26 05 36 00-0332	EA			30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,583.04	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.06	
26 05 36 00-0333	EA			36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,669.93	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-137.03	
26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>						
26 05 36 00-0335	EA			6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	629.04	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.91	
26 05 36 00-0336	EA			9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	661.04	265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.01	
26 05 36 00-0337	EA			12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	705.51	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.24	
26 05 36 00-0338	EA			18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	756.29	296.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.92	
26 05 36 00-0339	EA			24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	851.87	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.21	
26 05 36 00-0340	EA			30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.41	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.98	
26 05 36 00-0341	EA			36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,036.95	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.37	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0342			24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0343	EA		6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	871.79	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.87	
26 05 36 00-0344	EA		9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	912.48	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.53	
26 05 36 00-0345	EA		12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	955.73	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.33	
26 05 36 00-0346	EA		18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,018.14	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.83	
26 05 36 00-0347	EA		24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,135.20	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.20	
26 05 36 00-0348	EA		30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,221.40	419.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.14	
26 05 36 00-0349	EA		36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,367.61	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.61	
26 05 36 00-0350			36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0351	EA		6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,091.77	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.93	
26 05 36 00-0352	EA		9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,151.67	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.19	
26 05 36 00-0353	EA		12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,216.46	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.68	
26 05 36 00-0354	EA		18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,326.67	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.34	
26 05 36 00-0355	EA		24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,518.77	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.73	
26 05 36 00-0356	EA		30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,657.31	503.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.80	
26 05 36 00-0357	EA		36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,815.78	560.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.88	
26 05 36 00-0358			12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0359	EA		6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	723.14	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.32	
26 05 36 00-0360	EA		9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	759.82	265.19
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.88	
26 05 36 00-0361	EA		12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	813.13	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.01	
26 05 36 00-0362	EA		18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	874.37	296.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.71	
26 05 36 00-0363	EA		24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	983.38	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.36	
26 05 36 00-0364	EA		30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,107.27	359.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.75	
26 05 36 00-0365	EA		36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,211.88	387.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.90	
26 05 36 00-0366			24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0367	EA		6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,054.31	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.12	
26 05 36 00-0368	EA		9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,100.68	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.35	

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0369	EA		12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,149.59	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.71	
26 05 36 00-0370	EA		18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,224.47	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.47	
26 05 36 00-0371	EA		24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,355.14	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.19	
26 05 36 00-0372	EA		30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,456.08	419.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.61	
26 05 36 00-0373	EA		36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,639.70	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-125.82	
26 05 36 00-0374			36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0375	EA		6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,346.85	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.44	
26 05 36 00-0376	EA		9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,418.08	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.83	
26 05 36 00-0377	EA		12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,494.21	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.46	
26 05 36 00-0378	EA		18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,632.77	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.95	
26 05 36 00-0379	EA		24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,858.87	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.74	
26 05 36 00-0380	EA		30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,025.76	503.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-160.65	
26 05 36 00-0381	EA		36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,212.57	560.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-174.56	
26 05 36 00-0382			9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0383			12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0384	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	241.57	105.30
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.39	
26 05 36 00-0385	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	271.27	119.89
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.13	
26 05 36 00-0386	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	298.61	132.59
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.81	
26 05 36 00-0387	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	371.63	162.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.62	
26 05 36 00-0388	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	424.35	186.56
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.89	
26 05 36 00-0389	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	499.01	209.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.40	
26 05 36 00-0390	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	574.23	239.99
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.42	
26 05 36 00-0391			24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0392	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	318.98	109.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.77	
26 05 36 00-0393	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	350.46	125.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.56	
26 05 36 00-0394	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	379.21	139.95
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.26	
26 05 36 00-0395	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	447.15	173.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.23	
26 05 36 00-0396	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	505.06	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.70	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0397	EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	565.18 -37.44	228.86
26 05 36 00-0398	EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	660.20 -43.93	265.09
26 05 36 00-0399	36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0400	EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.91 -24.65	114.43
26 05 36 00-0401	EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	380.30 -26.99	132.49
26 05 36 00-0402	EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	414.04 -29.05	148.24
26 05 36 00-0403	EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	502.03 -34.65	186.56
26 05 36 00-0404	EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	574.97 -39.25	219.00
26 05 36 00-0405	EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	671.87 -46.19	251.97
26 05 36 00-0406	EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	768.37 -52.17	296.06
26 05 36 00-0407	12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0408	EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	178.60 -29.69 -53.72 -11.50	76.32
26 05 36 00-0409	EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	206.05 -32.92 -59.95 -12.98	91.55
26 05 36 00-0410	EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	230.61 -35.86 -65.59 -14.31	104.99
26 05 36 00-0411	EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	279.89 -41.51 -76.55 -16.93	132.70
26 05 36 00-0412	EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	346.44 -52.03 -95.74 -21.10	162.52
26 05 36 00-0413	EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	407.55 -62.97 -115.31 -25.21	186.56
26 05 36 00-0414	EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	465.80 -69.76 -128.43 -28.33	219.00
26 05 36 00-0415	24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0416	EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	196.24 -34.59 -62.03 -13.07	78.74
26 05 36 00-0417	EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	227.49 -38.68 -69.75 -14.84	94.91
26 05 36 00-0418	EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	260.32 -43.90 -79.25 -16.90	109.60

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0419	EA			18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	313.08	139.95
				<i>For 60 Degree Bend, Deduct</i>	-49.66	
				<i>For 30 Degree Bend, Deduct</i>	-90.54	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.64	
26 05 36 00-0420	EA			24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	386.26	173.86
				<i>For 60 Degree Bend, Deduct</i>	-60.84	
				<i>For 30 Degree Bend, Deduct</i>	-111.05	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.14	
26 05 36 00-0421	EA			30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.53	201.68
				<i>For 60 Degree Bend, Deduct</i>	-71.71	
				<i>For 30 Degree Bend, Deduct</i>	-130.72	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.35	
26 05 36 00-0422	EA			36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	532.36	240.10
				<i>For 60 Degree Bend, Deduct</i>	-83.66	
				<i>For 30 Degree Bend, Deduct</i>	-152.76	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.23	
26 05 36 00-0423				36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0424	EA			6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	228.78	81.26
				<i>For 60 Degree Bend, Deduct</i>	-44.36	
				<i>For 30 Degree Bend, Deduct</i>	-78.45	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.11	
26 05 36 00-0425	EA			9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.12	98.68
				<i>For 60 Degree Bend, Deduct</i>	-49.01	
				<i>For 30 Degree Bend, Deduct</i>	-87.16	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.09	
26 05 36 00-0426	EA			12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.66	114.54
				<i>For 60 Degree Bend, Deduct</i>	-52.34	
				<i>For 30 Degree Bend, Deduct</i>	-93.60	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.62	
26 05 36 00-0427	EA			18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.31	148.24
				<i>For 60 Degree Bend, Deduct</i>	-60.74	
				<i>For 30 Degree Bend, Deduct</i>	-109.47	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.27	
26 05 36 00-0428	EA			24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.45	186.56
				<i>For 60 Degree Bend, Deduct</i>	-69.20	
				<i>For 30 Degree Bend, Deduct</i>	-125.70	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.10	
26 05 36 00-0429	EA			30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.09	219.00
				<i>For 60 Degree Bend, Deduct</i>	-85.69	
				<i>For 30 Degree Bend, Deduct</i>	-154.99	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.16	
26 05 36 00-0430	EA			36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	607.71	265.09
				<i>For 60 Degree Bend, Deduct</i>	-98.92	
				<i>For 30 Degree Bend, Deduct</i>	-179.59	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.68	
26 05 36 00-0431				12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0432	EA			6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.30	104.99
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.88	
26 05 36 00-0433	EA			9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.31	119.89
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.34	
26 05 36 00-0434	EA			12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.50	132.59
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.70	
26 05 36 00-0435	EA			18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.63	162.52
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.62	
26 05 36 00-0436	EA			24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	415.95	186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.05	
26 05 36 00-0437	EA			30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.32	209.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.83	
26 05 36 00-0438	EA			36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.06	239.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.73	
26 05 36 00-0439				24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0440	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....311.63	311.63	109.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-22.04	-22.04	
26 05 36 00-0441	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....342.23	342.23	125.98
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-23.72	-23.72	
26 05 36 00-0442	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....370.81	370.81	139.95
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-25.42	-25.42	
26 05 36 00-0443	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....434.55	434.55	173.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-28.97	-28.97	
26 05 36 00-0444	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....488.27	488.27	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-32.02	-32.02	
26 05 36 00-0445	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....542.09	542.09	228.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-35.14	-35.14	
26 05 36 00-0446	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....622.41	622.41	265.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-40.15	-40.15	
26 05 36 00-0447			36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0448	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....365.00	365.00	114.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-26.96	-26.96	
26 05 36 00-0449	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....401.48	401.48	132.59
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-29.10	-29.10	
26 05 36 00-0450	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....429.79	429.79	148.24
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.62	-30.62	
26 05 36 00-0451	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....508.32	508.32	186.56
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-35.28	-35.28	
26 05 36 00-0452	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....564.47	564.47	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-38.20	-38.20	
26 05 36 00-0453	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....646.68	646.68	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-43.67	-43.67	
26 05 36 00-0454	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....734.78	734.78	296.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-48.81	-48.81	
26 05 36 00-0455			12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0456	EA		6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....476.72	476.72	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.87	-30.87	
26 05 36 00-0457	EA		9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....516.19	516.19	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-33.37	-33.37	
26 05 36 00-0458	EA		12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....541.04	541.04	228.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-35.03	-35.03	
26 05 36 00-0459	EA		18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....602.59	602.59	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-39.26	-39.26	
26 05 36 00-0460	EA		24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....680.32	680.32	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-44.72	-44.72	
26 05 36 00-0461	EA		30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....750.41	750.41	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-50.33	-50.33	
26 05 36 00-0462	EA		36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....849.35	849.35	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-56.95	-56.95	
26 05 36 00-0463			24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0464	EA		6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....585.47	585.47	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-40.30	-40.30	
26 05 36 00-0465	EA		9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....631.04	631.04	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-43.10	-43.10	
26 05 36 00-0466	EA		12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....659.27	659.27	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-44.93	-44.93	
26 05 36 00-0467	EA		18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....724.41	724.41	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>-49.13	-49.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0468	EA			24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	806.25	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.38	
26 05 36 00-0469	EA			30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	866.14	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.63	
26 05 36 00-0470	EA			36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,039.05	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.58	
26 05 36 00-0471				36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA			6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	729.71	240.10
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.97	
26 05 36 00-0473	EA			9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	784.06	265.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.31	
26 05 36 00-0474	EA			12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	831.48	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.84	
26 05 36 00-0475	EA			18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	917.52	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.51	
26 05 36 00-0476	EA			24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,042.21	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.26	
26 05 36 00-0477	EA			30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,129.33	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.61	
26 05 36 00-0478	EA			36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,281.54	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.01	
26 05 36 00-0479				12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480	EA			6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	550.31	186.56
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.48	
26 05 36 00-0481	EA			9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	564.66	193.91
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.30	
26 05 36 00-0482	EA			12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	579.59	201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.16	
26 05 36 00-0483	EA			18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	612.76	219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.02	
26 05 36 00-0484	EA			24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	633.41	228.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.27	
26 05 36 00-0485	EA			30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	688.67	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.87	
26 05 36 00-0486	EA			36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	745.40	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.23	
26 05 36 00-0487				24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0488	EA			6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	768.54	201.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.05	
26 05 36 00-0489	EA			9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	788.73	209.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.38	
26 05 36 00-0490	EA			12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	810.11	219.00
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.76	
26 05 36 00-0491	EA			18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	857.77	240.10
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.77	
26 05 36 00-0492	EA			24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	890.21	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.02	
26 05 36 00-0493	EA			30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.05	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.60	
26 05 36 00-0494	EA			36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,028.79	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.63	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0495			36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0496	EA		6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,173.30	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.08	
26 05 36 00-0497	EA		9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,200.25	228.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.95	
26 05 36 00-0498	EA		12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,229.37	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.93	
26 05 36 00-0499	EA		18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,281.63	265.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.07	
26 05 36 00-0500	EA		24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,316.44	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.34	
26 05 36 00-0501	EA		30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,406.68	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-114.42	
26 05 36 00-0502	EA		36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,491.48	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.19	
26 05 36 00-0503			12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0504	EA		6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	594.19	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.42	
26 05 36 00-0505	EA		9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	624.51	265.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.36	
26 05 36 00-0506	EA		12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	665.62	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.25	
26 05 36 00-0507	EA		18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	712.62	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.55	
26 05 36 00-0508	EA		24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	803.16	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.33	
26 05 36 00-0509	EA		30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	891.05	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.14	
26 05 36 00-0510	EA		36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	971.87	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.86	
26 05 36 00-0511			24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0512	EA		6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	804.19	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.11	
26 05 36 00-0513	EA		9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	842.78	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.56	
26 05 36 00-0514	EA		12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	883.93	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.15	
26 05 36 00-0515	EA		18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	941.72	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.19	
26 05 36 00-0516	EA		24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,053.75	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.05	
26 05 36 00-0517	EA		30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,134.49	419.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.45	
26 05 36 00-0518	EA		36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,266.84	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.54	
26 05 36 00-0519			36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0520	EA		6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	997.30	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.48	
26 05 36 00-0521	EA		9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,052.99	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.32	
26 05 36 00-0522	EA		12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,113.59	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.40	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0523	EA			18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,213.30	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.01	
26 05 36 00-0524	EA			24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,392.80	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.13	
26 05 36 00-0525	EA			30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,520.85	503.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.16	
26 05 36 00-0526	EA			36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,668.83	560.41
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.18	
26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>						
26 05 36 00-0528	EA			6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	672.60	251.97
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.26	
26 05 36 00-0529	EA			9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	706.85	265.19
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.58	
26 05 36 00-0530	EA			12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.29	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.22	
26 05 36 00-0531	EA			18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	811.05	296.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.38	
26 05 36 00-0532	EA			24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	912.75	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.29	
26 05 36 00-0533	EA			30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,022.65	359.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.29	
26 05 36 00-0534	EA			36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,117.51	387.39
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.47	
26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>						
26 05 36 00-0536	EA			6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	956.29	279.68
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.32	
26 05 36 00-0537	EA			9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	999.61	296.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.25	
26 05 36 00-0538	EA			12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,045.48	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.30	
26 05 36 00-0539	EA			18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,113.67	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.39	
26 05 36 00-0540	EA			24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,237.03	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.38	
26 05 36 00-0541	EA			30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,330.05	419.94
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.01	
26 05 36 00-0542	EA			36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,493.58	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.21	
26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>						
26 05 36 00-0544	EA			6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,209.86	314.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.74	
26 05 36 00-0545	EA			9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,275.01	335.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.52	
26 05 36 00-0546	EA			12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,345.05	359.58
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.54	
26 05 36 00-0547	EA			18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,468.38	387.93
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-114.52	
26 05 36 00-0548	EA			24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,676.23	457.74
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-129.47	
26 05 36 00-0549	EA			30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,827.89	503.09
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.86	
26 05 36 00-0550	EA			36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,999.48	560.41
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-153.25	

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26 05 36 00-0551		12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0552		12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.94	105.30
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.92	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.27	119.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.63	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.17	132.59
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.27	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.58	162.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.92	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	416.41	186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.09	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	488.57	209.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.36	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	562.03	239.99
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.20	
26 05 36 00-0560		24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.43	109.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.82	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	340.61	125.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.57	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.00	139.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.24	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.12	173.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.13	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	493.23	201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.52	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	552.32	228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.16	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.92	265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.40	
26 05 36 00-0568		36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.33	114.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.60	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.13	132.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.88	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.36	148.24
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.88	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	488.65	186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.32	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.28	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.78	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.23	251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.43	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.12	296.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.24	
26 05 36 00-0576		12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	175.00	76.32
		<i>For 60 Degree Bend, Deduct</i>	-28.50	
		<i>For 30 Degree Bend, Deduct</i>	-51.74	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0578 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	202.30 -31.68 -57.89 -12.60	91.55
26 05 36 00-0579 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	226.72 -34.57 -63.45 -13.92	104.99
26 05 36 00-0580 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	275.78 -40.15 -74.29 -16.52	132.70
26 05 36 00-0581 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.15 -50.28 -92.83 -20.57	162.52
26 05 36 00-0582 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	400.79 -60.74 -111.59 -24.53	186.56
26 05 36 00-0583 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	458.75 -67.43 -124.55 -27.62	219.00
26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0585 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	191.69 -33.09 -59.52 -12.61	78.74
26 05 36 00-0586 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	222.64 -37.08 -67.08 -14.35	94.91
26 05 36 00-0587 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	254.88 -42.10 -76.26 -16.36	109.60
26 05 36 00-0588 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	307.49 -47.81 -87.46 -19.08	139.95
26 05 36 00-0589 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	379.50 -58.61 -107.33 -23.47	173.86
26 05 36 00-0590 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	443.45 -69.04 -126.28 -27.54	201.68
26 05 36 00-0591 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	523.10 -80.60 -147.67 -32.31	240.10
26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0593 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	222.24 -42.21 -74.66 -15.46	81.26
26 05 36 00-0594 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	256.22 -46.73 -83.36 -17.40	98.68
26 05 36 00-0595 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	284.61 -50.02 -89.72 -18.92	114.54

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0596	EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	348.67 -58.22 -105.27 -22.51	148.24
26 05 36 00-0597	EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	418.37 -66.54 -121.26 -26.29	186.56
26 05 36 00-0598	EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	503.65 -82.25 -149.25 -32.11	219.00
26 05 36 00-0599	EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	596.10 -95.09 -173.20 -37.52	265.09
26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)			
26 05 36 00-0601	EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	259.91 -17.24	104.99
26 05 36 00-0602	EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	286.77 -18.68	119.89
26 05 36 00-0603	EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	310.74 -20.03	132.59
26 05 36 00-0604	EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	364.58 -22.92	162.52
26 05 36 00-0605	EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	408.60 -25.31	186.56
26 05 36 00-0606	EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	455.38 -28.04	209.97
26 05 36 00-0607	EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	508.83 -30.91	239.68
26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)			
26 05 36 00-0609	EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	302.60 -21.13	109.50
26 05 36 00-0610	EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	332.97 -22.80	125.98
26 05 36 00-0611	EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	361.19 -24.45	139.95
26 05 36 00-0612	EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	424.41 -27.96	173.86
26 05 36 00-0613	EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	477.61 -30.96	201.68
26 05 36 00-0614	EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	530.84 -34.01	228.86
26 05 36 00-0615	EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	609.77 -38.88	265.09
26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)			
26 05 36 00-0617	EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	352.80 -25.74	114.43
26 05 36 00-0618	EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	388.84 -27.84	132.59
26 05 36 00-0619	EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	417.00 -29.34	148.24
26 05 36 00-0620	EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	494.51 -33.90	186.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-0621	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	550.51	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.80	
26 05 36 00-0622	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	630.81	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.08	
26 05 36 00-0623	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	717.88	296.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.12	
26 05 36 00-0624			12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0625	EA		6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	462.65	201.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.46	
26 05 36 00-0626	EA		9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	501.07	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.86	
26 05 36 00-0627	EA		12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	525.08	228.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.43	
26 05 36 00-0628	EA		18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	584.32	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.44	
26 05 36 00-0629	EA		24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	658.91	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.58	
26 05 36 00-0630	EA		30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	724.80	296.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.77	
26 05 36 00-0631	EA		36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	820.38	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.06	
26 05 36 00-0632			24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0633	EA		6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	563.42	219.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.09	
26 05 36 00-0634	EA		9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	607.94	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.79	
26 05 36 00-0635	EA		12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	635.34	251.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.54	
26 05 36 00-0636	EA		18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	698.59	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.55	
26 05 36 00-0637	EA		24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	778.12	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.57	
26 05 36 00-0638	EA		30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	835.49	335.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.57	
26 05 36 00-0639	EA		36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	999.79	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.66	
26 05 36 00-0640			36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0641	EA		6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	696.75	240.10
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.67	
26 05 36 00-0642	EA		9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	749.84	265.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.89	
26 05 36 00-0643	EA		12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	794.95	279.68
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.19	
26 05 36 00-0644	EA		18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	878.26	314.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.58	
26 05 36 00-0645	EA		24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	997.91	359.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.83	
26 05 36 00-0646	EA		30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,081.04	387.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.78	
26 05 36 00-0647	EA		36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,229.68	457.74
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.82	

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>	
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	526.38 186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-37.09</i>
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	540.52 193.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-37.89</i>
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	555.24 201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-38.72</i>
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	587.99 219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-40.55</i>
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	608.22 228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-41.75</i>
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	661.79 251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-45.18</i>
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	717.48 279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-48.44</i>
26 05 36 00-0656		24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>	
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	725.29 201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-55.73</i>
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	744.85 209.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-56.99</i>
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	765.60 219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-58.31</i>
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	812.01 240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-61.20</i>
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	843.18 251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-63.32</i>
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	900.76 279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-66.77</i>
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	978.40 314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-71.59</i>
26 05 36 00-0664		36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>	
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,092.48 219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-91.00</i>
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,118.37 228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-92.76</i>
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,146.44 240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-94.64</i>
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,197.65 265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-97.67</i>
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,231.42 279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-99.83</i>
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,318.51 314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-105.60</i>
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,402.26 359.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-110.26</i>
26 05 36 00-0672		12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>	
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	576.77 251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-36.68</i>
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	606.24 265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-38.53</i>
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	645.68 279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	<i>-41.26</i>

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0676	EA		18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	690.79 -44.37	296.58
26 05 36 00-0677	EA		24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	778.81 -49.90	335.74
26 05 36 00-0678	EA		30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	861.87 -56.23	359.58
26 05 36 00-0679	EA		36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	939.33 -61.61	387.93
26 05 36 00-0680			24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0681	EA		6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	770.39 -53.73	279.68
26 05 36 00-0682	EA		9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	807.93 -56.08	296.58
26 05 36 00-0683	EA		12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	848.03 -58.56	314.96
26 05 36 00-0684	EA		18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	903.51 -62.37	335.74
26 05 36 00-0685	EA		24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,013.02 -68.98	387.93
26 05 36 00-0686	EA		30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,091.03 -74.11	419.94
26 05 36 00-0687	EA		36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,216.45 -83.50	457.74
26 05 36 00-0688			36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0689	EA		6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	950.06 -68.76	314.96
26 05 36 00-0690	EA		9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,003.66 -72.38	335.74
26 05 36 00-0691	EA		12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,062.15 -76.25	359.58
26 05 36 00-0692	EA		18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,156.62 -83.34	387.93
26 05 36 00-0693	EA		24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,329.82 -94.83	457.74
26 05 36 00-0694	EA		30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,452.62 -103.34	503.09
26 05 36 00-0695	EA		36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,595.35 -112.83	560.41
26 05 36 00-0696			12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0697	EA		6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	647.34 -43.74	251.97
26 05 36 00-0698	EA		9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	680.37 -45.94	265.19
26 05 36 00-0699	EA		12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	726.38 -49.33	279.68
26 05 36 00-0700	EA		18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	779.39 -53.22	296.68
26 05 36 00-0701	EA		24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	877.44 -59.76	335.74
26 05 36 00-0702	EA		30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	980.33 -68.06	359.68
26 05 36 00-0703	EA		36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,070.33 -74.75	387.39

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 36 00-0704	24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0705	EA 6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	907.28	279.68
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.42	
26 05 36 00-0706	EA 9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.08	296.58
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.19	
26 05 36 00-0707	EA 12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	993.43	314.96
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.10	
26 05 36 00-0708	EA 18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,058.26	335.74
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.84	
26 05 36 00-0709	EA 24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,177.97	387.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.47	
26 05 36 00-0710	EA 30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,267.04	419.94
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.71	
26 05 36 00-0711	EA 36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,420.52	457.74
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.90	
26 05 36 00-0712	36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0713	EA 6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,141.37	314.96
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.89	
26 05 36 00-0714	EA 9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,203.47	335.74
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.37	
26 05 36 00-0715	EA 12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,270.47	359.58
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.09	
26 05 36 00-0716	EA 18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,386.19	387.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.30	
26 05 36 00-0717	EA 24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,584.90	457.74
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.34	
26 05 36 00-0718	EA 30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,728.95	503.09
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.97	
26 05 36 00-0719	EA 36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,892.94	560.41
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.59	
26 05 36 00-0720	Dropout Or End Plates And Reducers (26 05 36 00-0002)		
26 05 36 00-0721	Straight Reducers (26 05 36 00-0720)		
26 05 36 00-0722	EA 9"-6" Reducer, Steel Cable Tray.....	225.74	77.48
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.12	
26 05 36 00-0723	EA 12"-9" Reducer, Steel Cable Tray.....	238.50	83.89
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.86	
26 05 36 00-0724	EA 18"-12" Reducer, Steel Cable Tray.....	260.09	96.80
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.94	
26 05 36 00-0725	EA 24"-18" Reducer, Steel Cable Tray.....	287.44	112.02
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.41	
26 05 36 00-0726	EA 30"-24" Reducer, Steel Cable Tray.....	312.84	125.98
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.79	
26 05 36 00-0727	EA 36"-30" Reducer, Steel Cable Tray.....	355.38	143.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.54	
26 05 36 00-0728	Reducers (26 05 36 00-0720)		
26 05 36 00-0729	EA 18"-6" Reducer, Steel Cable Tray.....	264.39	96.90
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.36	
26 05 36 00-0730	EA 24"-12" Reducer, Steel Cable Tray.....	291.91	112.13
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.84	
26 05 36 00-0731	EA 30"-12" Reducer, Steel Cable Tray.....	321.07	125.88
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.62	
26 05 36 00-0732	EA 30"-18" Reducer, Steel Cable Tray.....	325.10	125.77
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.03	
26 05 36 00-0733	EA 36"-12" Reducer, Steel Cable Tray.....	357.48	143.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.75	
26 05 36 00-0734	EA 36"-18" Reducer, Steel Cable Tray.....	367.99	147.71
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.49	
26 05 36 00-0735	EA 36"-24" Reducer, Steel Cable Tray.....	380.04	152.44
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.30	
26 05 36 00-0736	Dropout Or End Plate (26 05 36 00-0720)		

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0737 EA	6" Dropout Or End Plate, Steel Cable Tray.....	63.30	31.50
26 05 36 00-0738 EA	9" Dropout Or End Plate, Steel Cable Tray.....	72.65	36.01
26 05 36 00-0739 EA	12" Dropout Or End Plate, Steel Cable Tray.....	78.42	38.74
26 05 36 00-0740 EA	18" Dropout Or End Plate, Steel Cable Tray.....	92.58	45.77
26 05 36 00-0741 EA	24" Dropout Or End Plate, Steel Cable Tray.....	103.72	50.39
26 05 36 00-0742 EA	30" Dropout Or End Plate, Steel Cable Tray.....	114.95	55.96
26 05 36 00-0743 EA	36" Dropout Or End Plate, Steel Cable Tray.....	129.76	62.99
26 05 36 00-0744	Ladder Bottom Aluminum Cable Tray (26 05 36 00-0001) Note: 4-5/8" Height		
26 05 36 00-0745	Straight Tray Sections (26 05 36 00-0744)		
26 05 36 00-0746	4" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0747 LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.44 3.49 -2.53 1.57	7.35
26 05 36 00-0748 LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.18 3.69 -2.67 1.66	7.77
26 05 36 00-0749 LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.90 3.88 -2.81 1.75	8.08
26 05 36 00-0750 LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.60 4.31 -3.12 1.93	8.82
26 05 36 00-0751 LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.50 4.96 -3.57 2.18	9.45
26 05 36 00-0752 LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.37 5.43 -3.90 2.37	10.08
26 05 36 00-0753 LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	50.94 5.85 -4.20 2.55	10.71
26 05 36 00-0754	6" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0755 LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.70 3.23 -2.36 1.49	7.35
26 05 36 00-0756 LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.33 3.41 -2.49 1.57	7.77
26 05 36 00-0757 LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.95 3.59 -2.62 1.65	8.08
26 05 36 00-0758 LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.43 3.99 -2.90 1.82	8.82
26 05 36 00-0759 LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.97 4.58 -3.31 2.05	9.45
26 05 36 00-0760 LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.59 5.01 -3.62 2.23	10.08
26 05 36 00-0761 LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.94 5.40 -3.90 2.40	10.71
26 05 36 00-0762	9" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0763 LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.05 2.88 -2.12 1.35	7.03
26 05 36 00-0764 LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.66 2.92 -2.15 1.38	7.35
26 05 36 00-0765 LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section..... <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.44 3.13 -2.30 1.47	7.77

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0766	LF		18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.48 3.34 -2.46 1.57	8.29
26 05 36 00-0767	LF		24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.70 3.77 -2.75 1.74	8.61
26 05 36 00-0768	LF		30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.16 4.18 -3.04 1.91	9.24
26 05 36 00-0769	LF		36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.77 4.43 -3.24 2.04	10.08
26 05 36 00-0770 12" Rung Spacing <small>(26 05 36 00-0745)</small>					
26 05 36 00-0771	LF		6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.39 2.82 -2.07 1.32	6.82
26 05 36 00-0772	LF		9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.88 2.86 -2.10 1.34	7.03
26 05 36 00-0773	LF		12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.09 2.97 -2.19 1.40	7.45
26 05 36 00-0774	LF		18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.75 3.14 -2.32 1.49	7.87
26 05 36 00-0775	LF		24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.80 3.43 -2.51 1.59	7.97
26 05 36 00-0776	LF		30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.35 3.69 -2.70 1.72	8.82
26 05 36 00-0777	LF		36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.61 3.90 -2.87 1.83	9.56
26 05 36 00-0778 18" Rung Spacing <small>(26 05 36 00-0745)</small>					
26 05 36 00-0779	LF		6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.99 2.79 -2.05 1.30	6.61
26 05 36 00-0780	LF		9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.23 2.79 -2.05 1.31	6.93
26 05 36 00-0781	LF		12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.56 2.94 -2.16 1.38	7.14
26 05 36 00-0782	LF		18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.03 3.10 -2.28 1.45	7.56
26 05 36 00-0783	LF		24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.51 3.30 -2.41 1.53	7.66
26 05 36 00-0784	LF		30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.25 3.45 -2.53 1.61	8.39
26 05 36 00-0785	LF		36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.45 3.64 -2.68 1.72	9.14
26 05 36 00-0786 4" Rung Tray Fittings <small>(26 05 36 00-0744)</small>					
26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>					
26 05 36 00-0788	EA		6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	269.69 -18.20 13.48	105.30
26 05 36 00-0789	EA		9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	296.53 -19.66 14.83	119.89

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0790	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	335.46 -22.50 16.77	132.59
26 05 36 00-0791	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	399.71 -26.43 19.99	162.52
26 05 36 00-0792	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	470.85 -31.54 23.54	186.56
26 05 36 00-0793	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	519.36 -34.44 25.97	209.97
26 05 36 00-0794	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	605.18 -40.52 30.26	239.99
26 05 36 00-0795	90 Degree, 24" Radius Horizontal Elbows <i>(26 05 36 00-0796)</i>		
26 05 36 00-0796	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	349.54 -25.83 17.48	109.50
26 05 36 00-0797	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	383.98 -27.91 19.20	125.88
26 05 36 00-0798	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	415.83 -29.92 20.79	139.95
26 05 36 00-0799	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	487.73 -34.29 24.39	173.86
26 05 36 00-0800	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	553.19 -38.52 27.66	201.68
26 05 36 00-0801	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	618.89 -42.82 30.94	228.86
26 05 36 00-0802	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	709.10 -48.82 35.46	265.09
26 05 36 00-0803	90 Degree, 36" Radius Horizontal Elbows <i>(26 05 36 00-0796)</i>		
26 05 36 00-0804	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	374.48 -27.91 18.72	114.43
26 05 36 00-0805	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	409.24 -29.89 20.46	132.49
26 05 36 00-0806	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	457.11 -33.35 22.86	148.24
26 05 36 00-0807	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	547.20 -39.17 27.36	186.56
26 05 36 00-0808	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	632.27 -44.98 31.61	219.00
26 05 36 00-0809	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	713.43 -50.35 35.67	251.97
26 05 36 00-0810	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	829.79 -58.31 41.49	296.06
26 05 36 00-0811	45 Degree, 12" Radius Horizontal Elbows <i>(26 05 36 00-0796)</i>		
26 05 36 00-0812	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	189.20 -33.19 -59.55 -12.56 9.46	76.32
26 05 36 00-0813	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	216.93 -36.51 -65.93 -14.07 10.85	91.55
26 05 36 00-0814	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	241.79 -39.55 -71.74 -15.43 12.09	104.99
26 05 36 00-0815	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	299.85 -48.10 -87.53 -18.93 14.99	132.70

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0816	EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	368.69	162.52
	For 60 Degree Bend, Deduct	-59.37	
	For 30 Degree Bend, Deduct	-107.98	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.33	
	For 6" Overall Height Instead Of 4-5/8", Add	18.43	
26 05 36 00-0817	EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	423.13	186.56
	For 60 Degree Bend, Deduct	-68.11	
	For 30 Degree Bend, Deduct	-123.88	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.76	
	For 6" Overall Height Instead Of 4-5/8", Add	21.16	
26 05 36 00-0818	EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	481.95	219.00
	For 60 Degree Bend, Deduct	-75.09	
	For 30 Degree Bend, Deduct	-137.31	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.94	
	For 6" Overall Height Instead Of 4-5/8", Add	24.10	
26 05 36 00-0819	45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0820	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	214.67	78.74
	For 60 Degree Bend, Deduct	-40.67	
	For 30 Degree Bend, Deduct	-72.16	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.91	
	For 6" Overall Height Instead Of 4-5/8", Add	10.73	
26 05 36 00-0821	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	251.27	94.91
	For 60 Degree Bend, Deduct	-46.53	
	For 30 Degree Bend, Deduct	-82.83	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.22	
	For 6" Overall Height Instead Of 4-5/8", Add	12.56	
26 05 36 00-0822	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	278.08	109.60
	For 60 Degree Bend, Deduct	-49.76	
	For 30 Degree Bend, Deduct	-89.02	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.68	
	For 6" Overall Height Instead Of 4-5/8", Add	13.90	
26 05 36 00-0823	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	335.90	139.95
	For 60 Degree Bend, Deduct	-57.19	
	For 30 Degree Bend, Deduct	-103.09	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.93	
	For 6" Overall Height Instead Of 4-5/8", Add	16.80	
26 05 36 00-0824	EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	408.99	173.86
	For 60 Degree Bend, Deduct	-68.34	
	For 30 Degree Bend, Deduct	-123.55	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.41	
	For 6" Overall Height Instead Of 4-5/8", Add	20.45	
26 05 36 00-0825	EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	479.22	201.68
	For 60 Degree Bend, Deduct	-80.85	
	For 30 Degree Bend, Deduct	-145.95	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.12	
	For 6" Overall Height Instead Of 4-5/8", Add	23.96	
26 05 36 00-0826	EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	550.42	240.10
	For 60 Degree Bend, Deduct	-89.62	
	For 30 Degree Bend, Deduct	-162.70	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.04	
	For 6" Overall Height Instead Of 4-5/8", Add	27.52	
26 05 36 00-0827	45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0828	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	247.51	81.26
	For 60 Degree Bend, Deduct	-50.55	
	For 30 Degree Bend, Deduct	-88.75	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.98	
	For 6" Overall Height Instead Of 4-5/8", Add	12.38	
26 05 36 00-0829	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	278.98	98.68
	For 60 Degree Bend, Deduct	-54.24	
	For 30 Degree Bend, Deduct	-95.88	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.68	
	For 6" Overall Height Instead Of 4-5/8", Add	13.95	
26 05 36 00-0830	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	307.81	114.54
	For 60 Degree Bend, Deduct	-57.67	
	For 30 Degree Bend, Deduct	-102.48	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.24	
	For 6" Overall Height Instead Of 4-5/8", Add	15.39	
26 05 36 00-0831	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	375.99	148.24
	For 60 Degree Bend, Deduct	-67.23	
	For 30 Degree Bend, Deduct	-120.30	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.24	
	For 6" Overall Height Instead Of 4-5/8", Add	18.80	
26 05 36 00-0832	EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	468.46	186.56
	For 60 Degree Bend, Deduct	-83.07	
	For 30 Degree Bend, Deduct	-148.81	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.30	
	For 6" Overall Height Instead Of 4-5/8", Add	23.42	
26 05 36 00-0833	EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	532.05	219.00
	For 60 Degree Bend, Deduct	-91.62	
	For 30 Degree Bend, Deduct	-164.87	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.95	
	For 6" Overall Height Instead Of 4-5/8", Add	26.60	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	625.59	265.09
		<i>For 60 Degree Bend, Deduct</i>	-104.82	
		<i>For 30 Degree Bend, Deduct</i>	-189.42	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.47	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.28	
26 05 36 00-0835		90 Degree, 12" Radius Vertical Risers (26 05 36 00-0786)		
26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	292.15	104.99
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.47	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.61	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	323.45	119.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.35	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.17	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	346.62	132.59
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.62	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.33	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	400.82	162.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.54	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.04	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	447.33	186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.18	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.37	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	492.69	209.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.77	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.63	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	546.49	239.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.67	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.32	
26 05 36 00-0843		90 Degree, 24" Radius Vertical Risers (26 05 36 00-0786)		
26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	309.28	109.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.80	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.46	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	342.06	125.98
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.71	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.10	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	368.58	139.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.19	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.43	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	432.43	173.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.76	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.62	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	487.32	201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.93	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.37	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	541.26	228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.05	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.06	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	612.29	265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.61	
26 05 36 00-0851		90 Degree, 36" Radius Vertical Risers (26 05 36 00-0786)		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	386.75	114.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.34	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	421.19	132.59
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.07	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.06	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	460.18	148.24
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.66	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.01	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	532.54	186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.71	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.63	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	595.12	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.26	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.76	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	667.07	251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.71	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.35	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	751.13	296.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.45	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.56	
26 05 36 00-0859		12" Radius Horizontal Tees (26 05 36 00-0786)		
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.21	201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.32	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.56	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	509.05	219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.65	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.45	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	527.71	228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.70	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.39	

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include entries for 18" and 24" Radius Aluminum Cable Trays.

26 05 36 00-0867 24" Radius Horizontal Tees (26 05 36 00-0786)

Table listing various 24" Radius Horizontal Tees with descriptions, unit costs, and demolition costs.

26 05 36 00-0875 36" Radius Horizontal Tees (26 05 36 00-0786)

Table listing various 36" Radius Horizontal Tees with descriptions, unit costs, and demolition costs.

26 05 36 00-0883 12" Radius Vertical Tees (26 05 36 00-0786)

Table listing various 12" Radius Vertical Tees with descriptions, unit costs, and demolition costs.

26 05 36 00-0891 24" Radius Vertical Tees (26 05 36 00-0786)

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	850.09 -68.21 42.50	201.68
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	870.62 -69.56 43.53	209.97
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	892.35 -70.98 44.62	219.00
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	942.93 -74.29 47.15	240.10
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	976.06 -76.61 48.80	251.97
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,035.60 -80.25 51.78	279.68
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,145.31 -88.28 57.27	314.96
26 05 36 00-0899 36" Radius Vertical Tee <small>(26 05 36 00-0786)</small>				
26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,342.90 -116.04 67.15	219.00
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,372.05 -118.13 68.60	228.86
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,403.36 -120.33 70.17	240.10
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,457.84 -123.69 72.89	265.09
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,494.86 -126.18 74.74	279.68
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,591.69 -132.92 79.58	314.96
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,678.69 -137.91 83.93	359.58
26 05 36 00-0907 12" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>				
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	608.27 -39.83 30.41	251.97
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	650.13 -42.92 32.51	265.09
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	676.67 -44.36 33.83	279.68
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	749.08 -50.19 37.45	296.58
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	823.29 -54.35 41.16	335.74
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	909.42 -60.98 45.47	359.58
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,034.20 -71.10 51.71	387.93
26 05 36 00-0915 24" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>				
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	827.33 -59.42 41.37	279.68
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	866.51 -61.94 43.33	296.58
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	908.23 -64.58 45.41	314.96
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	962.88 -68.31 48.14	335.74
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,085.16 -76.19 54.26	387.93

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MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0921	EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,278.51 -92.86 63.93	419.94
26 05 36 00-0922	EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,415.27 -103.38 70.76	457.74
26 05 36 00-0923 36" Radius Horizontal Crosses (26 05 36 00-0786)			
26 05 36 00-0924	EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	950.33 -68.79 47.52	314.96
26 05 36 00-0925	EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,105.48 -82.57 55.27	335.74
26 05 36 00-0926	EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,177.83 -87.82 58.89	359.58
26 05 36 00-0927	EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,147.19 -82.40 57.36	387.93
26 05 36 00-0928	EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,383.36 -100.19 69.17	457.74
26 05 36 00-0929	EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,525.39 -110.61 76.27	503.09
26 05 36 00-0930	EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,698.42 -123.14 84.92	560.41
26 05 36 00-0931 12" Radius Vertical Cross (26 05 36 00-0786)			
26 05 36 00-0932	EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	608.27 -39.83 30.41	251.97
26 05 36 00-0933	EA 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	650.28 -42.93 32.51	265.19
26 05 36 00-0934	EA 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	676.59 -44.35 33.83	279.68
26 05 36 00-0935	EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	749.26 -50.20 37.46	296.68
26 05 36 00-0936	EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	823.29 -54.35 41.16	335.74
26 05 36 00-0937	EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	909.70 -60.99 45.49	359.68
26 05 36 00-0938	EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,033.41 -71.06 51.67	387.39
26 05 36 00-0939 24" Radius Vertical Crosses (26 05 36 00-0786)			
26 05 36 00-0940	EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	827.33 -59.42 41.37	279.68
26 05 36 00-0941	EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	866.51 -61.94 43.33	296.58
26 05 36 00-0942	EA 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	908.23 -64.58 45.41	314.96
26 05 36 00-0943	EA 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	962.88 -68.31 48.14	335.74
26 05 36 00-0944	EA 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,085.16 -76.19 54.26	387.93
26 05 36 00-0945	EA 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,169.62 -81.97 58.48	419.94
26 05 36 00-0946	EA 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,292.52 -91.10 64.63	457.74
26 05 36 00-0947 36" Radius Vertical Crosses (26 05 36 00-0786)			
26 05 36 00-0948	EA 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,141.76 -87.93 57.09	314.96
26 05 36 00-0949	EA 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,202.16 -92.23 60.11	335.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0950	EA		12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,280.32 -98.07 64.02	359.58
26 05 36 00-0951	EA		18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,372.52 -104.93 68.63	387.93
26 05 36 00-0952	EA		24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,662.53 -128.10 83.13	457.74
26 05 36 00-0953	EA		30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,834.47 -141.52 91.72	503.09
26 05 36 00-0954	EA		36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,042.40 -157.54 102.12	560.41
26 05 36 00-0955 6" Rung Tray Fittings <small>(26 05 36 00-0744)</small>					
26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>					
26 05 36 00-0957	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	256.23 -16.85 12.81	105.30
26 05 36 00-0958	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	282.72 -18.28 14.14	119.89
26 05 36 00-0959	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	319.10 -20.86 15.96	132.59
26 05 36 00-0960	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	381.30 -24.59 19.07	162.52
26 05 36 00-0961	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	448.01 -29.25 22.40	186.56
26 05 36 00-0962	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	495.16 -32.02 24.76	209.97
26 05 36 00-0963	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	575.87 -37.59 28.79	239.99
26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>					
26 05 36 00-0965	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	325.68 -23.44 16.28	109.50
26 05 36 00-0966	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	359.10 -25.42 17.96	125.88
26 05 36 00-0967	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	389.76 -27.31 19.49	139.95
26 05 36 00-0968	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	459.44 -31.46 22.97	173.86
26 05 36 00-0969	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	522.17 -35.41 26.11	201.68
26 05 36 00-0970	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	584.98 -39.42 29.25	228.86
26 05 36 00-0971	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	670.92 -45.00 33.55	265.09
26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>					
26 05 36 00-0973	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	348.23 -25.29 17.41	114.43
26 05 36 00-0974	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	382.31 -27.19 19.12	132.49
26 05 36 00-0975	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	427.12 -30.36 21.36	148.24
26 05 36 00-0976	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	513.46 -35.80 25.67	186.56
26 05 36 00-0977	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	594.09 -41.16 29.70	219.00
26 05 36 00-0978	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	671.50 -46.15 33.58	251.97
26 05 36 00-0979	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	781.72 -53.50 39.09	296.06

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0980			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0981	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	180.34	76.32
			For 60 Degree Bend, Deduct	-30.27	
			For 30 Degree Bend, Deduct	-54.68	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.68	
			For 6" Overall Height Instead Of 4-5/8", Add	9.02	
26 05 36 00-0982	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	207.73	91.55
			For 60 Degree Bend, Deduct	-33.47	
			For 30 Degree Bend, Deduct	-60.87	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.15	
			For 6" Overall Height Instead Of 4-5/8", Add	10.39	
26 05 36 00-0983	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	232.25	104.99
			For 60 Degree Bend, Deduct	-36.40	
			For 30 Degree Bend, Deduct	-66.49	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.48	
			For 6" Overall Height Instead Of 4-5/8", Add	11.61	
26 05 36 00-0984	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	288.60	132.70
			For 60 Degree Bend, Deduct	-44.38	
			For 30 Degree Bend, Deduct	-81.34	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.80	
			For 6" Overall Height Instead Of 4-5/8", Add	14.43	
26 05 36 00-0985	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	354.71	162.52
			For 60 Degree Bend, Deduct	-54.76	
			For 30 Degree Bend, Deduct	-100.29	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.93	
			For 6" Overall Height Instead Of 4-5/8", Add	17.74	
26 05 36 00-0986	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	407.10	186.56
			For 60 Degree Bend, Deduct	-62.82	
			For 30 Degree Bend, Deduct	-115.06	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.16	
			For 6" Overall Height Instead Of 4-5/8", Add	20.36	
26 05 36 00-0987	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	465.24	219.00
			For 60 Degree Bend, Deduct	-69.57	
			For 30 Degree Bend, Deduct	-128.12	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.27	
			For 6" Overall Height Instead Of 4-5/8", Add	23.26	
26 05 36 00-0988			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0989	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	202.74	78.74
			For 60 Degree Bend, Deduct	-36.74	
			For 30 Degree Bend, Deduct	-65.60	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.72	
			For 6" Overall Height Instead Of 4-5/8", Add	10.14	
26 05 36 00-0990	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	237.97	94.91
			For 60 Degree Bend, Deduct	-42.14	
			For 30 Degree Bend, Deduct	-75.51	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.89	
			For 6" Overall Height Instead Of 4-5/8", Add	11.90	
26 05 36 00-0991	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	264.45	109.60
			For 60 Degree Bend, Deduct	-45.26	
			For 30 Degree Bend, Deduct	-81.52	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.31	
			For 6" Overall Height Instead Of 4-5/8", Add	13.22	
26 05 36 00-0992	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	321.24	139.95
			For 60 Degree Bend, Deduct	-52.35	
			For 30 Degree Bend, Deduct	-95.03	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.46	
			For 6" Overall Height Instead Of 4-5/8", Add	16.06	
26 05 36 00-0993	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	391.95	173.86
			For 60 Degree Bend, Deduct	-62.71	
			For 30 Degree Bend, Deduct	-114.18	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.71	
			For 6" Overall Height Instead Of 4-5/8", Add	19.60	
26 05 36 00-0994	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	458.77	201.68
			For 60 Degree Bend, Deduct	-74.10	
			For 30 Degree Bend, Deduct	-134.70	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.07	
			For 6" Overall Height Instead Of 4-5/8", Add	22.94	
26 05 36 00-0995	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	528.95	240.10
			For 60 Degree Bend, Deduct	-82.53	
			For 30 Degree Bend, Deduct	-150.89	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.89	
			For 6" Overall Height Instead Of 4-5/8", Add	26.45	
26 05 36 00-0996			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0997	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	231.48	81.26
			For 60 Degree Bend, Deduct	-45.26	
			For 30 Degree Bend, Deduct	-79.94	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.38	
			For 6" Overall Height Instead Of 4-5/8", Add	11.57	
26 05 36 00-0998	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	262.62	98.68
			For 60 Degree Bend, Deduct	-48.84	
			For 30 Degree Bend, Deduct	-86.88	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.04	
			For 6" Overall Height Instead Of 4-5/8", Add	13.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 05 36 00-0999	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	291.10	114.54
			For 60 Degree Bend, Deduct	-52.16	
			For 30 Degree Bend, Deduct	-93.29	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.57	
			For 6" Overall Height Instead Of 4-5/8", Add	14.56	
26 05 36 00-1000	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	357.58	148.24
			For 60 Degree Bend, Deduct	-61.16	
			For 30 Degree Bend, Deduct	-110.17	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.40	
			For 6" Overall Height Instead Of 4-5/8", Add	17.88	
26 05 36 00-1001	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	445.96	186.56
			For 60 Degree Bend, Deduct	-75.64	
			For 30 Degree Bend, Deduct	-136.44	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.05	
			For 6" Overall Height Instead Of 4-5/8", Add	22.30	
26 05 36 00-1002	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	508.19	219.00
			For 60 Degree Bend, Deduct	-83.75	
			For 30 Degree Bend, Deduct	-151.74	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.57	
			For 6" Overall Height Instead Of 4-5/8", Add	25.41	
26 05 36 00-1003	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	599.34	265.09
			For 60 Degree Bend, Deduct	-96.15	
			For 30 Degree Bend, Deduct	-174.99	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.84	
			For 6" Overall Height Instead Of 4-5/8", Add	29.97	
26 05 36 00-1004			90 Degree, 12" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1005	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	282.78	104.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.53	
			For 6" Overall Height Instead Of 4-5/8", Add	14.14	
26 05 36 00-1006	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	313.57	119.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.36	
			For 6" Overall Height Instead Of 4-5/8", Add	15.68	
26 05 36 00-1007	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	336.57	132.59
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.61	
			For 6" Overall Height Instead Of 4-5/8", Add	16.83	
26 05 36 00-1008	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	390.42	162.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.50	
			For 6" Overall Height Instead Of 4-5/8", Add	19.52	
26 05 36 00-1009	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.42	186.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.09	
			For 6" Overall Height Instead Of 4-5/8", Add	21.82	
26 05 36 00-1010	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.27	209.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.63	
			For 6" Overall Height Instead Of 4-5/8", Add	24.06	
26 05 36 00-1011	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	534.73	239.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.50	
			For 6" Overall Height Instead Of 4-5/8", Add	26.74	
26 05 36 00-1012			90 Degree, 24" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1013	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	299.14	109.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.79	
			For 6" Overall Height Instead Of 4-5/8", Add	14.96	
26 05 36 00-1014	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	331.49	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.65	
			For 6" Overall Height Instead Of 4-5/8", Add	16.57	
26 05 36 00-1015	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	357.76	139.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.11	
			For 6" Overall Height Instead Of 4-5/8", Add	17.89	
26 05 36 00-1016	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	421.01	173.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.62	
			For 6" Overall Height Instead Of 4-5/8", Add	21.05	
26 05 36 00-1017	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	475.22	201.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.72	
			For 6" Overall Height Instead Of 4-5/8", Add	23.76	
26 05 36 00-1018	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	528.48	228.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.77	
			For 6" Overall Height Instead Of 4-5/8", Add	26.42	
26 05 36 00-1019	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	598.66	265.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.77	
			For 6" Overall Height Instead Of 4-5/8", Add	29.93	
26 05 36 00-1020			90 Degree, 36" Radius Vertical Risers (26 05 36 00-0955)		
26 05 36 00-1021	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	371.07	114.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.57	
			For 6" Overall Height Instead Of 4-5/8", Add	18.55	
26 05 36 00-1022	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	405.17	132.59
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.47	
			For 6" Overall Height Instead Of 4-5/8", Add	20.26	
26 05 36 00-1023	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	443.14	148.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.96	
			For 6" Overall Height Instead Of 4-5/8", Add	22.16	
26 05 36 00-1024	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	514.82	186.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.93	
			For 6" Overall Height Instead Of 4-5/8", Add	25.74	

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems



MINOR		TOTAL DIRECT		DEMOLITION		
CSI	UOM	DESCRIPTION	UNIT	COST	UNIT	COST
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	576.71		219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-39.42		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		28.84		
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	647.30		251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-43.73		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		32.37		
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	730.51		296.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-48.38		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		36.53		
26 05 36 00-1028 12" Radius Horizontal Tees (26 05 36 00-0955)						
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	460.82		201.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-29.28		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		23.04		
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	497.97		219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-31.55		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		24.90		
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	516.46		228.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-32.57		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		25.82		
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	581.51		251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-37.15		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		29.08		
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	644.11		279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-41.10		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		32.21		
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	700.85		296.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-45.37		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		35.04		
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	807.10		335.74
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-52.73		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		40.36		
26 05 36 00-1036 24" Radius Horizontal Tees (26 05 36 00-0955)						
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	577.73		219.00
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-39.52		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		28.89		
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	625.07		240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-42.50		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		31.25		
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	651.05		251.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-44.11		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		32.55		
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	717.74		279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-48.47		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		35.89		
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	798.99		314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-53.65		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		39.95		
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	860.27		335.74
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-58.05		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		43.01		
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	.....	1,106.63		387.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-78.34		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		55.33		
26 05 36 00-1044 36" Radius Horizontal Tees (26 05 36 00-0955)						
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	700.74		240.10
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-50.07		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		35.04		
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	750.69		265.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-52.98		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		37.53		
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	803.64		279.68
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-57.06		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		40.18		
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	880.80		314.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-61.83		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		44.04		
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	991.91		359.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-69.23		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		49.60		
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	1,143.44		387.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-82.02		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		57.17		
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	.....	1,315.18		457.74
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-93.37		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		65.76		
26 05 36 00-1052 12" Radius Vertical Tees (26 05 36 00-0955)						
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	.....	591.17		186.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		-43.57		
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>		29.56		

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	611.60		193.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.00		
		For 6" Overall Height Instead Of 4-5/8", Add	30.58		
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	626.48		201.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.85		
		For 6" Overall Height Instead Of 4-5/8", Add	31.32		
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	661.58		219.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.91		
		For 6" Overall Height Instead Of 4-5/8", Add	33.08		
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	702.58		228.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.18		
		For 6" Overall Height Instead Of 4-5/8", Add	35.13		
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	747.17		251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.72		
		For 6" Overall Height Instead Of 4-5/8", Add	37.36		
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	803.64		279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.06		
		For 6" Overall Height Instead Of 4-5/8", Add	40.18		
26 05 36 00-1060	24" Radius Vertical Tees (26 05 36 00-0955)				
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	810.55		201.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.25		
		For 6" Overall Height Instead Of 4-5/8", Add	40.53		
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	830.57		209.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.56		
		For 6" Overall Height Instead Of 4-5/8", Add	41.53		
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	851.79		219.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.93		
		For 6" Overall Height Instead Of 4-5/8", Add	42.59		
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	901.17		240.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-70.11		
		For 6" Overall Height Instead Of 4-5/8", Add	45.06		
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	933.29		251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.33		
		For 6" Overall Height Instead Of 4-5/8", Add	46.66		
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	991.80		279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.87		
		For 6" Overall Height Instead Of 4-5/8", Add	49.59		
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,097.59		314.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.51		
		For 6" Overall Height Instead Of 4-5/8", Add	54.88		
26 05 36 00-1068	36" Radius Vertical Tees (26 05 36 00-0955)				
26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,267.68		219.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-108.52		
		For 6" Overall Height Instead Of 4-5/8", Add	63.38		
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,295.85		228.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-110.51		
		For 6" Overall Height Instead Of 4-5/8", Add	64.79		
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,326.19		240.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.61		
		For 6" Overall Height Instead Of 4-5/8", Add	66.31		
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,379.69		265.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-115.88		
		For 6" Overall Height Instead Of 4-5/8", Add	68.98		
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,415.73		279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-118.26		
		For 6" Overall Height Instead Of 4-5/8", Add	70.79		
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,509.63		314.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-124.72		
		For 6" Overall Height Instead Of 4-5/8", Add	75.48		
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,595.65		359.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-129.60		
		For 6" Overall Height Instead Of 4-5/8", Add	79.78		
26 05 36 00-1076	12" Radius Horizontal Crosses (26 05 36 00-0955)				
26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	593.78		251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.38		
		For 6" Overall Height Instead Of 4-5/8", Add	29.69		
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	634.11		265.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.32		
		For 6" Overall Height Instead Of 4-5/8", Add	31.71		
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	660.47		279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.74		
		For 6" Overall Height Instead Of 4-5/8", Add	33.02		
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	729.48		296.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.23		
		For 6" Overall Height Instead Of 4-5/8", Add	36.47		
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	803.01		335.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.32		
		For 6" Overall Height Instead Of 4-5/8", Add	40.15		
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	885.56		359.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.59		
		For 6" Overall Height Instead Of 4-5/8", Add	44.28		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1083	EA 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,004.37 -68.11 50.22	387.93
26 05 36 00-1084	24" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1085	EA 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	799.55 -56.65 39.98	279.68
26 05 36 00-1086	EA 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	837.87 -59.07 41.89	296.58
26 05 36 00-1087	EA 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	878.75 -61.63 43.94	314.96
26 05 36 00-1088	EA 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	931.86 -65.20 46.59	335.74
26 05 36 00-1089	EA 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,051.41 -72.82 52.57	387.93
26 05 36 00-1090	EA 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,133.49 -78.35 56.67	419.94
26 05 36 00-1091	EA 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,251.78 -87.03 62.59	457.74
26 05 36 00-1092	36" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1093	EA 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	917.61 -65.51 45.88	314.96
26 05 36 00-1094	EA 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	968.67 -68.89 48.43	335.74
26 05 36 00-1095	EA 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,032.81 -73.32 51.64	359.58
26 05 36 00-1096	EA 18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,108.68 -78.55 55.43	387.93
26 05 36 00-1097	EA 24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,335.64 -95.42 66.78	457.74
26 05 36 00-1098	EA 30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,472.55 -105.33 73.63	503.09
26 05 36 00-1099	EA 36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,639.62 -117.26 81.98	560.41
26 05 36 00-1100	12" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1101	EA 6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	593.78 -38.38 29.69	251.97
26 05 36 00-1102	EA 9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	634.26 -41.33 31.71	265.19
26 05 36 00-1103	EA 12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	660.39 -42.73 33.02	279.68
26 05 36 00-1104	EA 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	729.66 -48.24 36.48	296.68
26 05 36 00-1105	EA 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	803.01 -52.32 40.15	335.74
26 05 36 00-1106	EA 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	885.84 -58.61 44.29	359.68
26 05 36 00-1107	EA 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,003.58 -68.07 50.18	387.39
26 05 36 00-1108	24" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1109	EA 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	799.55 -56.65 39.98	279.68
26 05 36 00-1110	EA 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	837.87 -59.07 41.89	296.58
26 05 36 00-1111	EA 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	878.75 -61.63 43.94	314.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1112	EA		18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	931.86 -65.20 46.59	335.74
26 05 36 00-1113	EA		24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,051.41 -72.82 52.57	387.93
26 05 36 00-1114	EA		30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,133.49 -78.35 56.67	419.94
26 05 36 00-1115	EA		36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,251.78 -87.03 62.59	457.74
26 05 36 00-1116			36" Radius Vertical Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1117	EA		6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,094.31 -83.18 54.72	314.96
26 05 36 00-1118	EA		9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,152.74 -87.29 57.64	335.74
26 05 36 00-1119	EA		12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,227.93 -92.83 61.40	359.58
26 05 36 00-1120	EA		18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,316.67 -99.34 65.83	387.93
26 05 36 00-1121	EA		24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,593.33 -121.18 79.67	457.74
26 05 36 00-1122	EA		30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,757.86 -133.86 87.89	503.09
26 05 36 00-1123	EA		36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,957.14 -149.01 97.86	560.41
26 05 36 00-1124			9" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-1125			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1126	EA		6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	242.76 -15.50 12.14	105.30
26 05 36 00-1127	EA		9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	268.92 -16.90 13.45	119.89
26 05 36 00-1128	EA		12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	302.74 -19.23 15.14	132.59
26 05 36 00-1129	EA		18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	362.89 -22.75 18.14	162.52
26 05 36 00-1130	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	425.17 -26.97 21.26	186.56
26 05 36 00-1131	EA		30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	470.96 -29.60 23.55	209.97
26 05 36 00-1132	EA		36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	546.55 -34.66 27.33	239.99
26 05 36 00-1133			90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1134	EA		6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	301.82 -21.06 15.09	109.50
26 05 36 00-1135	EA		9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	334.22 -22.93 16.71	125.88
26 05 36 00-1136	EA		12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	363.68 -24.70 18.18	139.95
26 05 36 00-1137	EA		18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	431.15 -28.63 21.56	173.86
26 05 36 00-1138	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	491.15 -32.31 24.56	201.68
26 05 36 00-1139	EA		30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	551.06 -36.03 27.55	228.86
26 05 36 00-1140	EA		36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	632.75 -41.18 31.64	265.09
26 05 36 00-1141			90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1142	EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	321.98 -22.66 16.10	114.43
26 05 36 00-1143	EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	355.38 -24.50 17.77	132.49
26 05 36 00-1144	EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	397.12 -27.36 19.86	148.24
26 05 36 00-1145	EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	479.71 -32.42 23.99	186.56
26 05 36 00-1146	EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	555.92 -37.34 27.80	219.00
26 05 36 00-1147	EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	629.57 -41.96 31.48	251.97
26 05 36 00-1148	EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	733.66 -48.70 36.68	296.06
26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>			
26 05 36 00-1150	EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	171.47 -27.34 -49.80 -10.79 8.57	76.32
26 05 36 00-1151	EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	198.53 -30.44 -55.81 -12.23 9.93	91.55
26 05 36 00-1152	EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	222.70 -33.25 -61.24 -13.52 11.14	104.99
26 05 36 00-1153	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	277.35 -40.67 -75.15 -16.68 13.87	132.70
26 05 36 00-1154	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	340.74 -50.15 -92.61 -20.53 17.04	162.52
26 05 36 00-1155	EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	391.08 -57.53 -106.25 -23.56 19.55	186.56
26 05 36 00-1156	EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	448.54 -64.06 -118.94 -26.60 22.43	219.00
26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>			
26 05 36 00-1158	EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	190.81 -32.80 -59.04 -12.52 9.54	78.74
26 05 36 00-1159	EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	224.68 -37.76 -68.20 -14.56 11.23	94.91
26 05 36 00-1160	EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	250.81 -40.76 -74.02 -15.95 12.54	109.60
26 05 36 00-1161	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	306.59 -47.52 -86.97 -18.99 15.33	139.95
26 05 36 00-1162	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	374.91 -57.09 -104.81 -23.01 18.75	173.86

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1163	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	438.32	201.68
			For 60 Degree Bend, Deduct	-67.35	
			For 30 Degree Bend, Deduct	-123.46	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.03	
			For 6" Overall Height Instead Of 4-5/8", Add	21.92	
26 05 36 00-1164	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	507.47	240.10
			For 60 Degree Bend, Deduct	-75.44	
			For 30 Degree Bend, Deduct	-139.07	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.74	
			For 6" Overall Height Instead Of 4-5/8", Add	25.37	
26 05 36 00-1165			45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1124)		
26 05 36 00-1166	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	215.46	81.26
			For 60 Degree Bend, Deduct	-39.97	
			For 30 Degree Bend, Deduct	-71.13	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.78	
			For 6" Overall Height Instead Of 4-5/8", Add	10.77	
26 05 36 00-1167	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	246.26	98.68
			For 60 Degree Bend, Deduct	-43.44	
			For 30 Degree Bend, Deduct	-77.89	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.40	
			For 6" Overall Height Instead Of 4-5/8", Add	12.31	
26 05 36 00-1168	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	274.40	114.54
			For 60 Degree Bend, Deduct	-46.65	
			For 30 Degree Bend, Deduct	-84.11	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.90	
			For 6" Overall Height Instead Of 4-5/8", Add	13.72	
26 05 36 00-1169	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	339.17	148.24
			For 60 Degree Bend, Deduct	-55.08	
			For 30 Degree Bend, Deduct	-100.04	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.56	
			For 6" Overall Height Instead Of 4-5/8", Add	16.96	
26 05 36 00-1170	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	423.47	186.56
			For 60 Degree Bend, Deduct	-68.22	
			For 30 Degree Bend, Deduct	-124.07	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.80	
			For 6" Overall Height Instead Of 4-5/8", Add	21.17	
26 05 36 00-1171	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	484.33	219.00
			For 60 Degree Bend, Deduct	-75.87	
			For 30 Degree Bend, Deduct	-138.62	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.18	
			For 6" Overall Height Instead Of 4-5/8", Add	24.22	
26 05 36 00-1172	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	573.09	265.09
			For 60 Degree Bend, Deduct	-87.49	
			For 30 Degree Bend, Deduct	-160.55	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.22	
			For 6" Overall Height Instead Of 4-5/8", Add	28.65	
26 05 36 00-1173			90 Degree, 12" Radius Vertical Risers (26 05 36 00-1124)		
26 05 36 00-1174	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	268.72	104.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.12	
			For 6" Overall Height Instead Of 4-5/8", Add	13.44	
26 05 36 00-1175	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	298.74	119.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.88	
			For 6" Overall Height Instead Of 4-5/8", Add	14.94	
26 05 36 00-1176	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	321.49	132.59
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.10	
			For 6" Overall Height Instead Of 4-5/8", Add	16.07	
26 05 36 00-1177	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	374.82	162.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.94	
			For 6" Overall Height Instead Of 4-5/8", Add	18.74	
26 05 36 00-1178	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	420.06	186.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.46	
			For 6" Overall Height Instead Of 4-5/8", Add	21.00	
26 05 36 00-1179	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	464.14	209.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.92	
			For 6" Overall Height Instead Of 4-5/8", Add	23.21	
26 05 36 00-1180	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	517.09	239.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.73	
			For 6" Overall Height Instead Of 4-5/8", Add	25.85	
26 05 36 00-1181			90 Degree, 24" Radius Vertical Risers (26 05 36 00-1124)		
26 05 36 00-1182	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	283.93	109.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.27	
			For 6" Overall Height Instead Of 4-5/8", Add	14.20	
26 05 36 00-1183	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	315.64	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.07	
			For 6" Overall Height Instead Of 4-5/8", Add	15.78	
26 05 36 00-1184	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	341.53	139.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.49	
			For 6" Overall Height Instead Of 4-5/8", Add	17.08	
26 05 36 00-1185	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	403.88	173.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.90	
			For 6" Overall Height Instead Of 4-5/8", Add	20.19	

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1186	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	457.07 -28.90 22.85	201.68
26 05 36 00-1187	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	509.31 -31.86 25.47	228.86
26 05 36 00-1188	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	578.21 -35.73 28.91	265.09
26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers (26 05 36 00-1124)					
26 05 36 00-1190	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	347.55 -25.22 17.38	114.43
26 05 36 00-1191	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	381.14 -27.07 19.06	132.59
26 05 36 00-1192	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	417.57 -29.40 20.88	148.24
26 05 36 00-1193	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	488.23 -33.27 24.41	186.56
26 05 36 00-1194	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	549.10 -36.66 27.46	219.00
26 05 36 00-1195	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	617.64 -40.77 30.88	251.97
26 05 36 00-1196	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	699.57 -45.29 34.98	296.06
26 05 36 00-1197 12" Radius Horizontal Tees (26 05 36 00-1124)					
26 05 36 00-1198	EA		6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	440.02 -27.20 22.00	201.68
26 05 36 00-1199	EA		9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	475.81 -29.33 23.79	219.00
26 05 36 00-1200	EA		12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	493.97 -30.32 24.70	228.86
26 05 36 00-1201	EA		18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	554.58 -34.46 27.73	251.97
26 05 36 00-1202	EA		24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	614.46 -38.14 30.72	279.68
26 05 36 00-1203	EA		30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	666.42 -41.93 33.32	296.58
26 05 36 00-1204	EA		36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	765.85 -48.60 38.29	335.74
26 05 36 00-1205 24" Radius Horizontal Tees (26 05 36 00-1124)					
26 05 36 00-1206	EA		6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	542.28 -35.98 27.11	219.00
26 05 36 00-1207	EA		9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	587.58 -38.75 29.38	240.10
26 05 36 00-1208	EA		12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	612.53 -40.26 30.63	251.97
26 05 36 00-1209	EA		18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	675.81 -44.27 33.79	279.68
26 05 36 00-1210	EA		24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	753.31 -49.08 37.67	314.96
26 05 36 00-1211	EA		30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	810.17 -53.04 40.51	335.74
26 05 36 00-1212	EA		36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	1,029.94 -70.67 51.50	387.93
26 05 36 00-1213 36" Radius Horizontal Tees (26 05 36 00-1124)					
26 05 36 00-1214	EA		6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray For 3-5/8" Overall Height Instead Of 4-5/8", Deduct For 6" Overall Height Instead Of 4-5/8", Add	650.64 -45.06 32.53	240.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1215	EA		9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	699.21 -47.83 34.96	265.09
26 05 36 00-1216	EA		12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	747.40 -51.43 37.37	279.68
26 05 36 00-1217	EA		18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	821.48 -55.90 41.07	314.96
26 05 36 00-1218	EA		24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	926.46 -62.68 46.32	359.58
26 05 36 00-1219	EA		30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,060.61 -73.74 53.03	387.93
26 05 36 00-1220	EA		36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,223.15 -84.17 61.16	457.74
26 05 36 00-1221			12" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1222	EA		6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	544.47 -38.90 27.22	186.56
26 05 36 00-1223	EA		9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	563.54 -40.19 28.18	193.91
26 05 36 00-1224	EA		12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	578.08 -41.01 28.90	201.68
26 05 36 00-1225	EA		18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	612.16 -42.96 30.61	219.00
26 05 36 00-1226	EA		24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	649.06 -45.83 32.45	228.86
26 05 36 00-1227	EA		30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	692.63 -48.27 34.63	251.97
26 05 36 00-1228	EA		36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	747.40 -51.43 37.37	279.68
26 05 36 00-1229			24" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1230	EA		6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	731.47 -56.34 36.57	201.68
26 05 36 00-1231	EA		9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	750.47 -57.55 37.52	209.97
26 05 36 00-1232	EA		12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	770.66 -58.81 38.53	219.00
26 05 36 00-1233	EA		18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	817.66 -61.76 40.88	240.10
26 05 36 00-1234	EA		24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	847.73 -63.78 42.39	251.97
26 05 36 00-1235	EA		30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	904.19 -67.11 45.21	279.68
26 05 36 00-1236	EA		36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,002.14 -73.97 50.11	314.96
26 05 36 00-1237			36" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1238	EA		6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,117.24 -93.47 55.86	219.00
26 05 36 00-1239	EA		9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,143.45 -95.27 57.17	228.86
26 05 36 00-1240	EA		12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,171.84 -97.18 58.59	240.10
26 05 36 00-1241	EA		18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,223.38 -100.25 61.17	265.09
26 05 36 00-1242	EA		24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,257.47 -102.44 62.87	279.68
26 05 36 00-1243	EA		30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,345.52 -108.31 67.28	314.96

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1244	EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,429.58 -113.00 71.48	359.58
26 05 36 00-1245	12" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1246	EA 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	564.81 -35.48 28.24	251.97
26 05 36 00-1247	EA 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	602.07 -38.11 30.10	265.09
26 05 36 00-1248	EA 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	628.09 -39.50 31.40	279.68
26 05 36 00-1249	EA 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	690.28 -44.31 34.51	296.58
26 05 36 00-1250	EA 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	762.45 -48.26 38.12	335.74
26 05 36 00-1251	EA 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	837.84 -53.82 41.89	359.58
26 05 36 00-1252	EA 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	944.72 -62.15 47.24	387.93
26 05 36 00-1253	24" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1254	EA 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	743.99 -51.09 37.20	279.68
26 05 36 00-1255	EA 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	780.61 -53.35 39.03	296.58
26 05 36 00-1256	EA 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	819.78 -55.73 40.99	314.96
26 05 36 00-1257	EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	869.82 -59.00 43.49	335.74
26 05 36 00-1258	EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	983.92 -66.07 49.20	387.93
26 05 36 00-1259	EA 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,061.23 -71.13 53.06	419.94
26 05 36 00-1260	EA 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,170.32 -78.88 58.52	457.74
26 05 36 00-1261	36" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1262	EA 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	852.16 -58.97 42.61	314.96
26 05 36 00-1263	EA 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	900.50 -62.07 45.03	335.74
26 05 36 00-1264	EA 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	960.55 -66.09 48.03	359.58
26 05 36 00-1265	EA 18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,031.64 -70.84 51.58	387.93
26 05 36 00-1266	EA 24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,240.19 -85.87 62.01	457.74
26 05 36 00-1267	EA 30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,366.88 -94.76 68.34	503.09
26 05 36 00-1268	EA 36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,522.03 -105.50 76.10	560.41
26 05 36 00-1269	12" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1270	EA 6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	564.81 -35.48 28.24	251.97
26 05 36 00-1271	EA 9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	602.07 -38.11 30.10	265.09
26 05 36 00-1272	EA 12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	628.09 -39.50 31.40	279.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1273 EA 18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	690.28	296.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.31	
For 6" Overall Height Instead Of 4-5/8", Add	34.51	
26 05 36 00-1274 EA 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	762.45	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.26	
For 6" Overall Height Instead Of 4-5/8", Add	38.12	
26 05 36 00-1275 EA 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	837.84	359.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.82	
For 6" Overall Height Instead Of 4-5/8", Add	41.89	
26 05 36 00-1276 EA 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	943.13	386.87
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.07	
For 6" Overall Height Instead Of 4-5/8", Add	47.16	
26 05 36 00-1277 24" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1278 EA 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	743.99	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.09	
For 6" Overall Height Instead Of 4-5/8", Add	37.20	
26 05 36 00-1279 EA 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	780.61	296.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.35	
For 6" Overall Height Instead Of 4-5/8", Add	39.03	
26 05 36 00-1280 EA 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	819.78	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.73	
For 6" Overall Height Instead Of 4-5/8", Add	40.99	
26 05 36 00-1281 EA 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	869.82	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.00	
For 6" Overall Height Instead Of 4-5/8", Add	43.49	
26 05 36 00-1282 EA 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	983.92	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.07	
For 6" Overall Height Instead Of 4-5/8", Add	49.20	
26 05 36 00-1283 EA 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,061.23	419.94
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.13	
For 6" Overall Height Instead Of 4-5/8", Add	53.06	
26 05 36 00-1284 EA 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,170.32	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.88	
For 6" Overall Height Instead Of 4-5/8", Add	58.52	
26 05 36 00-1285 36" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1286 EA 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	999.42	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.70	
For 6" Overall Height Instead Of 4-5/8", Add	49.97	
26 05 36 00-1287 EA 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,053.89	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.41	
For 6" Overall Height Instead Of 4-5/8", Add	52.69	
26 05 36 00-1288 EA 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,123.14	359.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.35	
For 6" Overall Height Instead Of 4-5/8", Add	56.16	
26 05 36 00-1289 EA 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,204.97	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.17	
For 6" Overall Height Instead Of 4-5/8", Add	60.25	
26 05 36 00-1290 EA 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,454.94	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-107.35	
For 6" Overall Height Instead Of 4-5/8", Add	72.75	
26 05 36 00-1291 EA 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,604.64	503.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-118.54	
For 6" Overall Height Instead Of 4-5/8", Add	80.23	
26 05 36 00-1292 EA 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,786.62	560.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-131.96	
For 6" Overall Height Instead Of 4-5/8", Add	89.33	
26 05 36 00-1293 12" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1295 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	238.05	105.30
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.03	
For 6" Overall Height Instead Of 4-5/8", Add	11.90	
26 05 36 00-1296 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	264.08	119.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.41	
For 6" Overall Height Instead Of 4-5/8", Add	13.20	
26 05 36 00-1297 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	297.01	132.59
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.65	
For 6" Overall Height Instead Of 4-5/8", Add	14.85	
26 05 36 00-1298 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	356.45	162.52
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.10	
For 6" Overall Height Instead Of 4-5/8", Add	17.82	
26 05 36 00-1299 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	417.18	186.56
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.17	
For 6" Overall Height Instead Of 4-5/8", Add	20.86	
26 05 36 00-1300 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	462.49	209.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.75	
For 6" Overall Height Instead Of 4-5/8", Add	23.12	
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	536.29	239.99
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.63	
For 6" Overall Height Instead Of 4-5/8", Add	26.81	
26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1303	EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	293.47 -20.22 14.67	109.50
26 05 36 00-1304	EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	325.51 -22.06 16.28	125.88
26 05 36 00-1305	EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	354.56 -23.79 17.73	139.95
26 05 36 00-1306	EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	421.25 -27.64 21.06	173.86
26 05 36 00-1307	EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	480.30 -31.23 24.02	201.68
26 05 36 00-1308	EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	539.19 -34.85 26.96	228.86
26 05 36 00-1309	EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	619.38 -39.85 30.97	265.09
26 05 36 00-1310	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1311	EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	312.80 -21.74 15.64	114.43
26 05 36 00-1312	EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	345.96 -23.56 17.30	132.49
26 05 36 00-1313	EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	386.62 -26.31 19.33	148.24
26 05 36 00-1314	EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	467.90 -31.24 23.40	186.56
26 05 36 00-1315	EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	542.55 -36.00 27.13	219.00
26 05 36 00-1316	EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	614.90 -40.49 30.75	251.97
26 05 36 00-1317	EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	716.84 -47.02 35.84	296.06
26 05 36 00-1318	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1319	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	168.37 -26.32 -48.10 -10.48 8.42	76.32
26 05 36 00-1320	EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	195.31 -29.38 -54.04 -11.91 9.77	91.55
26 05 36 00-1321	EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	219.36 -32.14 -59.41 -13.19 10.97	104.99
26 05 36 00-1322	EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	273.42 -39.37 -72.99 -16.29 13.67	132.70
26 05 36 00-1323	EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	335.85 -48.53 -89.92 -20.04 16.79	162.52
26 05 36 00-1324	EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	385.48 -55.68 -103.17 -23.00 19.27	186.56
26 05 36 00-1325	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	442.70 -62.13 -115.72 -26.02 22.14	219.00
26 05 36 00-1326	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1327 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	186.64	78.74
<i>For 60 Degree Bend, Deduct</i>	-31.42	
<i>For 30 Degree Bend, Deduct</i>	-56.75	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.11	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.33	
26 05 36 00-1328 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	220.03	94.91
<i>For 60 Degree Bend, Deduct</i>	-36.22	
<i>For 30 Degree Bend, Deduct</i>	-65.64	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.09	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.00	
26 05 36 00-1329 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	246.04	109.60
<i>For 60 Degree Bend, Deduct</i>	-39.19	
<i>For 30 Degree Bend, Deduct</i>	-71.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.47	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.30	
26 05 36 00-1330 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	301.46	139.95
<i>For 60 Degree Bend, Deduct</i>	-45.82	
<i>For 30 Degree Bend, Deduct</i>	-84.15	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.48	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.07	
26 05 36 00-1331 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	368.94	173.86
<i>For 60 Degree Bend, Deduct</i>	-55.12	
<i>For 30 Degree Bend, Deduct</i>	-101.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.41	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.45	
26 05 36 00-1332 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	431.16	201.68
<i>For 60 Degree Bend, Deduct</i>	-64.99	
<i>For 30 Degree Bend, Deduct</i>	-119.52	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.31	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.56	
26 05 36 00-1333 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	499.96	240.10
<i>For 60 Degree Bend, Deduct</i>	-72.96	
<i>For 30 Degree Bend, Deduct</i>	-134.94	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.00	
26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1335 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	209.86	81.26
<i>For 60 Degree Bend, Deduct</i>	-38.12	
<i>For 30 Degree Bend, Deduct</i>	-68.05	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.22	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.49	
26 05 36 00-1336 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	240.53	98.68
<i>For 60 Degree Bend, Deduct</i>	-41.55	
<i>For 30 Degree Bend, Deduct</i>	-74.73	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.83	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.03	
26 05 36 00-1337 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	268.56	114.54
<i>For 60 Degree Bend, Deduct</i>	-44.72	
<i>For 30 Degree Bend, Deduct</i>	-80.90	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.31	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.43	
26 05 36 00-1338 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	332.73	148.24
<i>For 60 Degree Bend, Deduct</i>	-52.96	
<i>For 30 Degree Bend, Deduct</i>	-96.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.92	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.64	
26 05 36 00-1339 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	415.59	186.56
<i>For 60 Degree Bend, Deduct</i>	-65.62	
<i>For 30 Degree Bend, Deduct</i>	-119.73	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.01	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.78	
26 05 36 00-1340 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	475.98	219.00
<i>For 60 Degree Bend, Deduct</i>	-73.12	
<i>For 30 Degree Bend, Deduct</i>	-134.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.35	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.80	
26 05 36 00-1341 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	563.91	265.09
<i>For 60 Degree Bend, Deduct</i>	-84.46	
<i>For 30 Degree Bend, Deduct</i>	-155.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.30	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.20	
26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1343 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	259.34	104.99
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.19	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.97	
26 05 36 00-1344 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	288.86	119.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.89	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.44	
26 05 36 00-1345 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	311.43	132.59
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.10	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.57	
26 05 36 00-1346 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	364.43	162.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.90	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.22	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1347	EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	409.15 -25.37 20.46	186.56
26 05 36 00-1348	EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	452.72 -27.77 22.64	209.97
26 05 36 00-1349	EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	505.33 -30.56 25.27	239.68
26 05 36 00-1350	90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1351	EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	273.79 -18.25 13.69	109.50
26 05 36 00-1352	EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	305.07 -20.01 15.25	125.98
26 05 36 00-1353	EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	330.70 -21.41 16.54	139.95
26 05 36 00-1354	EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	392.46 -24.76 19.62	173.86
26 05 36 00-1355	EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	444.97 -27.69 22.25	201.68
26 05 36 00-1356	EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	496.52 -30.58 24.83	228.86
26 05 36 00-1357	EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	564.57 -34.36 28.23	265.09
26 05 36 00-1358	90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1359	EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	331.87 -23.65 16.59	114.43
26 05 36 00-1360	EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	365.12 -25.47 18.26	132.59
26 05 36 00-1361	EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	400.53 -27.70 20.03	148.24
26 05 36 00-1362	EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	470.51 -31.50 23.53	186.56
26 05 36 00-1363	EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	530.69 -34.82 26.53	219.00
26 05 36 00-1364	EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	597.87 -38.79 29.89	251.97
26 05 36 00-1365	EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	678.95 -43.23 33.95	296.06
26 05 36 00-1366	12" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1367	EA 6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	429.63 -26.16 21.48	201.68
26 05 36 00-1368	EA 9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	464.73 -28.22 23.24	219.00
26 05 36 00-1369	EA 12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	482.72 -29.20 24.14	228.86
26 05 36 00-1370	EA 18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	541.12 -33.12 27.06	251.97
26 05 36 00-1371	EA 24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	599.63 -36.65 29.98	279.68
26 05 36 00-1372	EA 30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	649.20 -40.21 32.46	296.58
26 05 36 00-1373	EA 36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	745.23 -46.54 37.26	335.74
26 05 36 00-1374	24" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1375	EA 6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	524.56 -34.20 26.23	219.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1376 EA 9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	568.83	240.10
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.88	
For 6" Overall Height Instead Of 4-5/8", Add	28.44	
26 05 36 00-1377 EA 12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	593.27	251.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.33	
For 6" Overall Height Instead Of 4-5/8", Add	29.66	
26 05 36 00-1378 EA 18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	654.85	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.18	
For 6" Overall Height Instead Of 4-5/8", Add	32.74	
26 05 36 00-1379 EA 24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	730.47	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.80	
For 6" Overall Height Instead Of 4-5/8", Add	36.52	
26 05 36 00-1380 EA 30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	785.11	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.53	
For 6" Overall Height Instead Of 4-5/8", Add	39.26	
26 05 36 00-1381 EA 36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	991.59	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.84	
For 6" Overall Height Instead Of 4-5/8", Add	49.58	
26 05 36 00-1382 36" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1383 EA 6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	625.58	240.10
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.55	
For 6" Overall Height Instead Of 4-5/8", Add	31.28	
26 05 36 00-1384 EA 9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	673.48	265.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.26	
For 6" Overall Height Instead Of 4-5/8", Add	33.67	
26 05 36 00-1385 EA 12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	719.27	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.62	
For 6" Overall Height Instead Of 4-5/8", Add	35.96	
26 05 36 00-1386 EA 18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	791.83	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.94	
For 6" Overall Height Instead Of 4-5/8", Add	39.59	
26 05 36 00-1387 EA 24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	893.74	359.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.41	
For 6" Overall Height Instead Of 4-5/8", Add	44.69	
26 05 36 00-1388 EA 30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,019.20	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.60	
For 6" Overall Height Instead Of 4-5/8", Add	50.96	
26 05 36 00-1389 EA 36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,177.13	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.56	
For 6" Overall Height Instead Of 4-5/8", Add	58.86	
26 05 36 00-1390 12" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1391 EA 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	521.12	186.56
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.56	
For 6" Overall Height Instead Of 4-5/8", Add	26.06	
26 05 36 00-1392 EA 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	539.51	193.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.79	
For 6" Overall Height Instead Of 4-5/8", Add	26.98	
26 05 36 00-1393 EA 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	553.87	201.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.58	
For 6" Overall Height Instead Of 4-5/8", Add	27.69	
26 05 36 00-1394 EA 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	587.45	219.00
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.49	
For 6" Overall Height Instead Of 4-5/8", Add	29.37	
26 05 36 00-1395 EA 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	622.30	228.86
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.16	
For 6" Overall Height Instead Of 4-5/8", Add	31.12	
26 05 36 00-1396 EA 30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	665.36	251.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.54	
For 6" Overall Height Instead Of 4-5/8", Add	33.27	
26 05 36 00-1397 EA 36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	719.27	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.62	
For 6" Overall Height Instead Of 4-5/8", Add	35.96	
26 05 36 00-1398 24" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1399 EA 6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	691.93	201.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.39	
For 6" Overall Height Instead Of 4-5/8", Add	34.60	
26 05 36 00-1400 EA 9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	710.42	209.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.54	
For 6" Overall Height Instead Of 4-5/8", Add	35.52	
26 05 36 00-1401 EA 12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	730.10	219.00
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.76	
For 6" Overall Height Instead Of 4-5/8", Add	36.51	
26 05 36 00-1402 EA 18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	775.91	240.10
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.59	
For 6" Overall Height Instead Of 4-5/8", Add	38.80	
26 05 36 00-1403 EA 24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	804.95	251.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.50	
For 6" Overall Height Instead Of 4-5/8", Add	40.25	
26 05 36 00-1404 EA 30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	860.39	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.73	
For 6" Overall Height Instead Of 4-5/8", Add	43.02	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1405	EA 36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	954.42 -69.20 47.72	314.96
26 05 36 00-1406	36" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1407	EA 6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,042.02 -85.95 52.10	219.00
26 05 36 00-1408	EA 9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,067.26 -87.65 53.36	228.86
26 05 36 00-1409	EA 12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,094.67 -89.46 54.73	240.10
26 05 36 00-1410	EA 18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,145.23 -92.43 57.26	265.09
26 05 36 00-1411	EA 24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,178.34 -94.53 58.92	279.68
26 05 36 00-1412	EA 30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,263.46 -100.10 63.17	314.96
26 05 36 00-1413	EA 36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,346.55 -104.69 67.33	359.58
26 05 36 00-1414	12" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1415	EA 6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	550.32 -34.04 27.52	251.97
26 05 36 00-1416	EA 9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	586.05 -36.51 29.30	265.09
26 05 36 00-1417	EA 12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	611.90 -37.88 30.60	279.68
26 05 36 00-1418	EA 18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	670.68 -42.35 33.53	296.58
26 05 36 00-1419	EA 24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	742.16 -46.23 37.11	335.74
26 05 36 00-1420	EA 30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	813.98 -51.44 40.70	359.58
26 05 36 00-1421	EA 36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	914.89 -59.17 45.74	387.93
26 05 36 00-1422	24" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1423	EA 6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	716.21 -48.31 35.81	279.68
26 05 36 00-1424	EA 9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	751.98 -50.48 37.60	296.58
26 05 36 00-1425	EA 12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	790.29 -52.78 39.51	314.96
26 05 36 00-1426	EA 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	838.80 -55.90 41.94	335.74
26 05 36 00-1427	EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	950.17 -62.69 47.51	387.93
26 05 36 00-1428	EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,025.10 -67.51 51.26	419.94
26 05 36 00-1429	EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,129.58 -74.81 56.48	457.74
26 05 36 00-1430	36" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1431	EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	819.44 -55.70 40.97	314.96
26 05 36 00-1432	EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	866.41 -58.66 43.32	335.74
26 05 36 00-1433	EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	924.42 -62.48 46.22	359.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1434 EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	993.12	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.99	
For 6" Overall Height Instead Of 4-5/8", Add	49.66	
26 05 36 00-1435 EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,192.47	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.10	
For 6" Overall Height Instead Of 4-5/8", Add	59.62	
26 05 36 00-1436 EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,314.05	503.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-89.48	
For 6" Overall Height Instead Of 4-5/8", Add	65.70	
26 05 36 00-1437 EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,463.23	560.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-99.62	
For 6" Overall Height Instead Of 4-5/8", Add	73.16	
26 05 36 00-1438 12" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1439 EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	550.32	251.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.04	
For 6" Overall Height Instead Of 4-5/8", Add	27.52	
26 05 36 00-1440 EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	586.20	265.19
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.52	
For 6" Overall Height Instead Of 4-5/8", Add	29.31	
26 05 36 00-1441 EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	611.82	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.88	
For 6" Overall Height Instead Of 4-5/8", Add	30.59	
26 05 36 00-1442 EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	670.86	296.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.36	
For 6" Overall Height Instead Of 4-5/8", Add	33.54	
26 05 36 00-1443 EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	742.16	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.23	
For 6" Overall Height Instead Of 4-5/8", Add	37.11	
26 05 36 00-1444 EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	814.26	359.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.45	
For 6" Overall Height Instead Of 4-5/8", Add	40.71	
26 05 36 00-1445 EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	914.10	387.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.13	
For 6" Overall Height Instead Of 4-5/8", Add	45.71	
26 05 36 00-1446 24" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1447 EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	716.21	279.68
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.31	
For 6" Overall Height Instead Of 4-5/8", Add	35.81	
26 05 36 00-1448 EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	751.98	296.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.48	
For 6" Overall Height Instead Of 4-5/8", Add	37.60	
26 05 36 00-1449 EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	790.29	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.78	
For 6" Overall Height Instead Of 4-5/8", Add	39.51	
26 05 36 00-1450 EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	838.80	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.90	
For 6" Overall Height Instead Of 4-5/8", Add	41.94	
26 05 36 00-1451 EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	950.17	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.69	
For 6" Overall Height Instead Of 4-5/8", Add	47.51	
26 05 36 00-1452 EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,025.10	419.94
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.51	
For 6" Overall Height Instead Of 4-5/8", Add	51.26	
26 05 36 00-1453 EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,129.58	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.81	
For 6" Overall Height Instead Of 4-5/8", Add	56.48	
26 05 36 00-1454 36" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1455 EA 6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	951.97	314.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.95	
For 6" Overall Height Instead Of 4-5/8", Add	47.60	
26 05 36 00-1456 EA 9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,004.46	335.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.46	
For 6" Overall Height Instead Of 4-5/8", Add	50.22	
26 05 36 00-1457 EA 12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,070.75	359.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.11	
For 6" Overall Height Instead Of 4-5/8", Add	53.54	
26 05 36 00-1458 EA 18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,149.12	387.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.59	
For 6" Overall Height Instead Of 4-5/8", Add	57.46	
26 05 36 00-1459 EA 24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,385.74	457.74
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-100.43	
For 6" Overall Height Instead Of 4-5/8", Add	69.29	
26 05 36 00-1460 EA 30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,528.03	503.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-110.88	
For 6" Overall Height Instead Of 4-5/8", Add	76.40	
26 05 36 00-1461 EA 36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,701.36	560.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-123.43	
For 6" Overall Height Instead Of 4-5/8", Add	85.07	
26 05 36 00-1462 Dropout Or End Plates And Reducers <small>(26 05 36 00-0744)</small>		
26 05 36 00-1463 Straight Reducers <small>(26 05 36 00-1462)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1464	EA		9"-6" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	205.87 -14.13 10.29	77.48
26 05 36 00-1465	EA		12"-9" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	218.23 -14.83 10.91	83.89
26 05 36 00-1466	EA		18"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	241.52 -16.08 12.08	96.80
26 05 36 00-1467	EA		24"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	268.48 -17.51 13.42	112.02
26 05 36 00-1468	EA		30"-24" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	293.48 -18.85 14.67	125.98
26 05 36 00-1469	EA		36"-30" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	328.54 -20.86 16.43	143.93
26 05 36 00-1470	Reducers <small>(26 05 36 00-1462)</small>				
26 05 36 00-1471	EA		18"-6" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	241.62 -16.09 12.08	96.90
26 05 36 00-1472	EA		24"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	268.75 -17.53 13.44	112.13
26 05 36 00-1473	EA		30"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	293.31 -18.84 14.67	125.88
26 05 36 00-1474	EA		30"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	294.85 -19.00 14.74	125.77
26 05 36 00-1475	EA		36"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	326.83 -20.69 16.34	143.93
26 05 36 00-1476	EA		36"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	334.85 -21.17 16.74	147.71
26 05 36 00-1477	EA		36"-24" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	346.11 -21.91 17.31	152.44
26 05 36 00-1478	Dropout Or End Plate <small>(26 05 36 00-1462)</small>				
26 05 36 00-1479	EA		6" Dropout Or End Plate, Aluminum Cable Tray	62.63	31.50
26 05 36 00-1480	EA		9" Dropout Or End Plate, Aluminum Cable Tray	70.77	36.01
26 05 36 00-1481	EA		12" Dropout Or End Plate, Aluminum Cable Tray	76.32	38.74
26 05 36 00-1482	EA		18" Dropout Or End Plate, Aluminum Cable Tray	92.08	45.77
26 05 36 00-1483	EA		24" Dropout Or End Plate, Aluminum Cable Tray	102.48	50.39
26 05 36 00-1484	EA		30" Dropout Or End Plate, Aluminum Cable Tray	115.32	55.96
26 05 36 00-1485	EA		36" Dropout Or End Plate, Aluminum Cable Tray	129.45	62.99
26 05 36 00-1486	Solid Bottom Cable Tray <small>(26 05 36 00-0001)</small> Note: 3-5/8" Height.				
26 05 36 00-1487	Solid Bottom Galvanized Steel Straight Tray Sections <small>(26 05 36 00-1486)</small>				
26 05 36 00-1488	LF		6" Solid Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	25.63 2.47	8.18
26 05 36 00-1489	LF		12" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	31.91 3.11	10.08
26 05 36 00-1490	LF		18" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	42.75 4.00	14.49
26 05 36 00-1491	LF		24" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.43 4.64	16.59
26 05 36 00-1492	LF		30" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	59.27 5.54	20.06
26 05 36 00-1493	LF		36" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	75.26 7.46	22.99
26 05 36 00-1494	Solid Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-1486)</small>				
26 05 36 00-1495	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1496	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	265.27 22.28	105.09
26 05 36 00-1497	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	347.45 27.47	147.82
26 05 36 00-1498	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	426.41 32.86	186.56
26 05 36 00-1499	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	522.73 40.20	229.18
26 05 36 00-1500	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	610.33 47.29	265.61
26 05 36 00-1501	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	685.45 53.39	296.58

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	310.44 28.33	109.39
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	412.41 35.59	157.58
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	509.20 42.77	201.68
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	621.94 51.30	251.97
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	729.61 60.11	296.06
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	824.75 67.75	335.74

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	378.04 37.66	114.33
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	491.42 45.67	168.29
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	623.45 56.96	219.32
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	745.73 65.24	279.68
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	895.09 78.30	335.74
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,021.81 88.78	386.87

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	242.84 18.91	105.09
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	322.20 23.69	147.82
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	397.18 28.52	186.35
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	486.99 34.90	228.86
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	568.40 41.00	265.61
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	636.73 46.17	296.06

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	278.56 23.53	109.50
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	374.73 29.96	157.48
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	466.34 36.30	201.89
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	571.44 43.72	251.97
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	671.48 51.29	296.58
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	758.47 57.81	335.74

26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>				
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	331.43 30.64	114.43
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	412.59 36.46	152.54
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	558.98 47.29	219.32
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	676.68 54.80	280.21
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	811.22 65.72	335.74
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	929.16 74.73	387.93

26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1494)</small>				
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	284.65 25.23	104.78
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	361.88 29.64	147.82
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	428.21 33.13	186.56
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	519.12 39.66	229.18
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	588.69 44.04	265.61

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1543	EA		36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	644.85 47.39	296.06
26 05 36 00-1544			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1545	EA		6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	337.49 32.38	109.39
26 05 36 00-1546	EA		12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	432.25 38.57	157.58
26 05 36 00-1547	EA		18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	520.02 44.40	201.68
26 05 36 00-1548	EA		24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	620.13 51.03	251.97
26 05 36 00-1549	EA		30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	704.36 56.32	296.06
26 05 36 00-1550	EA		36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	790.48 62.61	335.74
26 05 36 00-1551			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1552	EA		6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	401.48 41.18	114.33
26 05 36 00-1553	EA		12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	491.08 48.18	152.86
26 05 36 00-1554	EA		18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	623.45 56.96	219.32
26 05 36 00-1555	EA		24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	749.33 65.78	279.68
26 05 36 00-1556	EA		30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	868.03 74.24	335.74
26 05 36 00-1557	EA		36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	980.33 82.56	386.87
26 05 36 00-1558			12" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1559	EA		6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	462.31 35.74	201.68
26 05 36 00-1560	EA		12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	556.34 41.52	251.54
26 05 36 00-1561	EA		18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	656.60 49.06	296.58
26 05 36 00-1562	EA		24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	782.76 57.35	360.31
26 05 36 00-1563	EA		30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	853.87 63.43	387.93
26 05 36 00-1564	EA		36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,001.05 73.86	457.74
26 05 36 00-1565			24" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	561.61 47.74	219.00
26 05 36 00-1567	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	695.23 57.67	279.68
26 05 36 00-1568	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	813.93 66.13	335.74
26 05 36 00-1569	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,044.38 86.67	419.94
26 05 36 00-1570	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,138.11 94.42	457.74
26 05 36 00-1571	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,339.82 107.57	560.41
26 05 36 00-1572			36" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1573	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	708.50 66.27	240.10
26 05 36 00-1574	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	869.40 77.92	314.96
26 05 36 00-1575	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,021.59 88.59	387.93
26 05 36 00-1576	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,244.52 110.38	457.74
26 05 36 00-1577	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,364.25 120.51	504.77
26 05 36 00-1578	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,590.91 133.65	629.91
26 05 36 00-1579			12" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	543.47 47.91	201.68
26 05 36 00-1581	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	636.36 53.46	251.97
26 05 36 00-1582	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	686.21 56.31	279.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1583 EA 24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	735.02 60.92	296.06
26 05 36 00-1584 EA 30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	817.53 66.67	335.74
26 05 36 00-1585 EA 36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	913.38 72.36	387.93
26 05 36 00-1586 24" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587 EA 6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	671.63 64.24	219.00
26 05 36 00-1588 EA 12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	787.21 71.46	279.68
26 05 36 00-1589 EA 18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	862.19 76.84	314.96
26 05 36 00-1590 EA 24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	913.12 81.01	335.74
26 05 36 00-1591 EA 30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,034.22 90.49	387.93
26 05 36 00-1592 EA 36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,168.77 99.02	457.74
26 05 36 00-1593 36" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594 EA 6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	877.43 91.67	239.68
26 05 36 00-1595 EA 12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,011.88 99.29	314.96
26 05 36 00-1596 EA 18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,122.25 108.41	359.58
26 05 36 00-1597 EA 24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,187.52 113.48	387.93
26 05 36 00-1598 EA 30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,394.22 132.84	457.74
26 05 36 00-1599 EA 36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,505.85 142.02	503.09
26 05 36 00-1600 12" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601 EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	571.44 43.72	251.97
26 05 36 00-1602 EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	658.40 49.33	296.58
26 05 36 00-1603 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	792.21 58.91	359.58
26 05 36 00-1604 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	916.33 67.46	419.94
26 05 36 00-1605 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,080.21 78.18	503.09
26 05 36 00-1606 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,199.15 86.47	560.41
26 05 36 00-1607 24" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1608 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	742.96 64.74	280.21
26 05 36 00-1609 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	868.03 74.24	335.74
26 05 36 00-1610 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,044.38 86.67	419.94
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,283.09 108.34	504.77
26 05 36 00-1612 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,411.97 118.39	560.41
26 05 36 00-1613 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,554.84 128.24	629.91
26 05 36 00-1614 36" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1615 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	975.81 93.88	314.96
26 05 36 00-1616 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,142.43 106.72	387.93
26 05 36 00-1617 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,382.29 123.22	504.77
26 05 36 00-1618 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,574.28 142.74	560.41
26 05 36 00-1619 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,744.21 156.65	629.91
26 05 36 00-1620 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,937.92 170.84	719.04
26 05 36 00-1621 Straight Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1622 EA 12"-6" Reducer, Solid Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	228.35 20.25	83.99

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1623	EA		18"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	248.39 21.44	94.91
26 05 36 00-1624	EA		24"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	276.04 23.18	109.39
26 05 36 00-1625	EA		30"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	310.97 25.65	125.98
26 05 36 00-1626	EA		36"-30" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	337.49 27.33	139.74
26 05 36 00-1627			Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1628	EA		18"-6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	248.48 21.44	95.01
26 05 36 00-1629	EA		24"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	274.62 22.93	109.60
26 05 36 00-1630	EA		30"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	307.19 25.10	125.88
26 05 36 00-1631	EA		30"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	308.82 25.36	125.77
26 05 36 00-1632	EA		36"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	335.69 27.06	139.74
26 05 36 00-1633	EA		36"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	337.49 27.33	139.74
26 05 36 00-1634	EA		36"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	339.71 27.63	139.95
26 05 36 00-1635			Dropout Or End Plate <small>(26 05 36 00-1494)</small>		
26 05 36 00-1636	EA		6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	70.89	31.50
26 05 36 00-1637	EA		12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	86.94	38.43
26 05 36 00-1638	EA		18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	100.54	45.56
26 05 36 00-1639	EA		24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	112.94	50.39
26 05 36 00-1640	EA		30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	125.69	55.96
26 05 36 00-1641	EA		36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	139.71	62.99
26 05 36 00-1642			Solid Bottom Aluminum Straight Cable Tray Sections <small>(26 05 36 00-1486)</small>		
26 05 36 00-1643	LF		6" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	23.20 2.38	6.61
26 05 36 00-1644	LF		12" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	28.85 3.04	7.77
26 05 36 00-1645	LF		18" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	36.92 3.85	10.08
26 05 36 00-1646	LF		24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	43.76 4.72	11.13
26 05 36 00-1647	LF		30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	53.77 5.67	14.39
26 05 36 00-1648	LF		36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	63.75 6.93	15.75
26 05 36 00-1649			Solid Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1486)</small>		
26 05 36 00-1650			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1651	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	271.89 23.27	105.09
26 05 36 00-1652	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	329.46 27.36	132.28
26 05 36 00-1653	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	380.01 32.31	148.13
26 05 36 00-1654	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	442.77 37.41	173.96
26 05 36 00-1655	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	522.53 44.73	201.89
26 05 36 00-1656	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	590.77 50.41	229.18
26 05 36 00-1657			90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1658	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	320.03 29.77	109.39
26 05 36 00-1659	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	396.86 36.18	140.16
26 05 36 00-1660	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	448.50 41.03	157.48
26 05 36 00-1661	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	540.88 50.03	186.56
26 05 36 00-1662	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	627.70 57.70	218.69
26 05 36 00-1663	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	722.44 66.37	251.97
26 05 36 00-1664			90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1665	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	394.66 40.15	114.33

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1666	EA			12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	492.40 49.12	148.45
26 05 36 00-1667	EA			18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	570.81 57.58	168.29
26 05 36 00-1668	EA			24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	647.20 63.52	201.37
26 05 36 00-1669	EA			30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	752.51 72.87	240.10
26 05 36 00-1670	EA			36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	878.27 85.20	279.26
26 05 36 00-1671				45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1672	EA			6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	250.71 20.09	105.09
26 05 36 00-1673	EA			12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	305.50 23.77	132.28
26 05 36 00-1674	EA			18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	350.50 27.91	148.03
26 05 36 00-1675	EA			24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	408.52 32.34	173.65
26 05 36 00-1676	EA			30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	481.60 38.59	201.89
26 05 36 00-1677	EA			36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	543.73 43.47	228.55
26 05 36 00-1678				45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1679	EA			6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	289.88 25.23	109.50
26 05 36 00-1680	EA			12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	360.71 30.78	139.95
26 05 36 00-1681	EA			18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	408.09 34.92	157.79
26 05 36 00-1682	EA			24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	490.30 42.45	186.56
26 05 36 00-1683	EA			30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	570.83 49.07	219.32
26 05 36 00-1684	EA			36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	655.89 56.39	251.97
26 05 36 00-1685				45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1686	EA			6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	350.02 33.43	114.43
26 05 36 00-1687	EA			12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	438.03 41.01	148.13
26 05 36 00-1688	EA			18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	506.92 48.00	168.29
26 05 36 00-1689	EA			24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	579.52 53.28	201.89
26 05 36 00-1690	EA			30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	674.98 61.24	240.10
26 05 36 00-1691	EA			36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	789.09 71.66	280.21
26 05 36 00-1692				90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1693	EA			6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	289.58 25.97	104.78
26 05 36 00-1694	EA			12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	340.05 28.95	132.28
26 05 36 00-1695	EA			18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	381.52 32.54	148.13
26 05 36 00-1696	EA			24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	432.18 35.83	173.96
26 05 36 00-1697	EA			30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	487.74 39.51	201.89
26 05 36 00-1698	EA			36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	536.72 42.42	228.55
26 05 36 00-1699				90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1700	EA			6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	345.74 33.62	109.39
26 05 36 00-1701	EA			12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	410.47 38.22	140.16
26 05 36 00-1702	EA			18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	453.03 41.71	157.48
26 05 36 00-1703	EA			24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	518.19 46.63	186.56
26 05 36 00-1704	EA			30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	583.84 51.12	218.69
26 05 36 00-1705	EA			36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	661.94 57.30	251.97

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1706			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1707	EA		6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	405.24	114.33
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	41.74	
26 05 36 00-1708	EA		12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	489.38	148.45
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	48.67	
26 05 36 00-1709	EA		18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	543.58	168.29
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	53.50	
26 05 36 00-1710	EA		24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	609.39	201.37
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	57.85	
26 05 36 00-1711	EA		30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	702.60	240.10
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	65.38	
26 05 36 00-1712	EA		36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	779.96	279.26
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.46	
26 05 36 00-1713			12" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1714	EA		6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	485.80	201.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	39.26	
26 05 36 00-1715	EA		12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	562.43	228.55
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	46.27	
26 05 36 00-1716	EA		18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	624.13	251.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	51.63	
26 05 36 00-1717	EA		24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	695.41	280.21
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	57.61	
26 05 36 00-1718	EA		30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	822.80	335.74
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	67.46	
26 05 36 00-1719	EA		36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,002.41	419.94
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	80.37	
26 05 36 00-1720			24" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1721	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	611.57	219.00
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	55.23	
26 05 36 00-1722	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	698.24	251.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	62.74	
26 05 36 00-1723	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	780.78	279.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.50	
26 05 36 00-1724	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	945.31	335.74
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	85.83	
26 05 36 00-1725	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,138.53	419.94
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	100.79	
26 05 36 00-1726	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,256.76	459.10
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	111.99	
26 05 36 00-1727			36" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1728	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	800.91	240.10
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	80.13	
26 05 36 00-1729	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	904.80	279.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	89.10	
26 05 36 00-1730	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,031.61	314.96
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	102.25	
26 05 36 00-1731	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,234.74	386.87
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	120.72	
26 05 36 00-1732	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,491.60	504.77
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	139.62	
26 05 36 00-1733	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,660.03	560.41
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	155.60	
26 05 36 00-1734			12" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1735	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	549.32	201.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	48.79	
26 05 36 00-1736	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	599.28	228.86
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	51.74	
26 05 36 00-1737	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	626.36	239.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	54.01	
26 05 36 00-1738	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	661.27	251.54
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	57.26	
26 05 36 00-1739	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	729.35	279.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	62.78	
26 05 36 00-1740	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	837.93	335.74
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	69.73	
26 05 36 00-1741			24" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1742	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	679.63	219.00
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	65.44	
26 05 36 00-1743	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	752.69	251.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.91	
26 05 36 00-1744	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	797.30	265.09
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	75.41	
26 05 36 00-1745	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	851.86	279.68
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	81.16	
26 05 36 00-1746	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	948.43	314.96
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	89.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1747 EA 36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,091.05 99.17	386.87
26 05 36 00-1748 36" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1749 EA 6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	891.05 93.71	239.68
26 05 36 00-1750 EA 12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	974.71 100.16	276.32
26 05 36 00-1751 EA 18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,037.85 106.34	296.06
26 05 36 00-1752 EA 24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,084.55 110.19	314.96
26 05 36 00-1753 EA 30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,204.23 120.71	359.58
26 05 36 00-1754 EA 36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	829.53 48.13	457.74
26 05 36 00-1755 12" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1756 EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	572.05 47.66	228.86
26 05 36 00-1757 EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	634.71 53.21	251.97
26 05 36 00-1758 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	738.37 61.42	296.06
26 05 36 00-1759 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	877.53 71.71	359.58
26 05 36 00-1760 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	959.47 79.43	386.87
26 05 36 00-1761 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,113.07 90.44	459.10
26 05 36 00-1762 24" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1763 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	753.36 70.94	252.39
26 05 36 00-1764 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	851.86 81.16	279.68
26 05 36 00-1765 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	978.59 90.83	335.74
26 05 36 00-1766 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,208.45 111.09	421.09
26 05 36 00-1767 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,324.82 122.20	459.10
26 05 36 00-1768 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,516.34 134.05	560.41
26 05 36 00-1769 36" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1770 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,033.36 108.39	279.68
26 05 36 00-1771 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,137.49 118.13	314.96
26 05 36 00-1772 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,327.08 134.42	387.93
26 05 36 00-1773 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,582.35 153.23	504.77
26 05 36 00-1774 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,735.65 166.94	560.41
26 05 36 00-1775 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,987.59 193.15	629.91
26 05 36 00-1776 Straight Reducers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1777 EA 12"-6" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	213.83 20.07	72.02
26 05 36 00-1778 EA 18"-12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	236.56 21.51	83.89
26 05 36 00-1779 EA 24"-18" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	261.06 23.34	94.91
26 05 36 00-1780 EA 30"-24" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	294.44 25.91	109.50
26 05 36 00-1781 EA 36"-30" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	327.60 28.18	125.77
26 05 36 00-1782 Reducers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1783 EA 18"-6" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	235.12 21.29	83.89
26 05 36 00-1784 EA 24"-12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	259.83 23.13	95.12
26 05 36 00-1785 EA 30"-12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	291.29 25.45	109.39
26 05 36 00-1786 EA 30"-18" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	292.67 25.67	109.39

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1787	EA		36"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	327.60 28.18	125.77
26 05 36 00-1788	EA		36"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	329.12 28.41	125.77
26 05 36 00-1789	EA		36"-24" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	332.48 28.88	125.98
26 05 36 00-1790			Dropout Or End Plate <small>(26 05 36 00-1649)</small>		
26 05 36 00-1791	EA		6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	71.62	31.50
26 05 36 00-1792	EA		12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	85.67	38.43
26 05 36 00-1793	EA		18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	101.87	45.56
26 05 36 00-1794	EA		24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	112.50	50.39
26 05 36 00-1795	EA		30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	126.50	55.96
26 05 36 00-1796	EA		36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	143.56	62.99
26 05 36 00-1797			Vented Bottom Cable Tray <small>(26 05 36 00-0001)</small> Note: 6" Height.		
26 05 36 00-1798			Vented Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-1797)</small>		
26 05 36 00-1799	LF		6" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	30.03 -2.08	11.02
26 05 36 00-1800	LF		12" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	35.16 -2.47	12.60
26 05 36 00-1801	LF		18" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	41.25 -2.92	14.49
26 05 36 00-1802	LF		24" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	47.33 -3.35	16.59
26 05 36 00-1803	LF		30" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	61.61 -4.49	20.06
26 05 36 00-1804	LF		36" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	73.55 -5.25	25.19
26 05 36 00-1805			Vented Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-1797)</small>		
26 05 36 00-1806			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1807	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	292.78 -18.22	132.70
26 05 36 00-1808	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	384.34 -23.47	179.53
26 05 36 00-1809	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.27 -28.85	228.86
26 05 36 00-1810	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	587.58 -35.41	280.21
26 05 36 00-1811	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	662.62 -39.96	315.59
26 05 36 00-1812	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	758.67 -45.84	360.31
26 05 36 00-1813			90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1814	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	338.92 -22.24	139.84
26 05 36 00-1815	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	445.13 -28.35	193.91
26 05 36 00-1816	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	567.30 -35.73	251.97
26 05 36 00-1817	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	691.04 -42.86	314.96
26 05 36 00-1818	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	733.84 -46.27	325.35
26 05 36 00-1819	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	922.28 -57.23	419.94
26 05 36 00-1820			90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1821	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	404.52 -28.13	147.82
26 05 36 00-1822	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	531.27 -35.61	210.28
26 05 36 00-1823	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	684.04 -45.05	280.21
26 05 36 00-1824	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	828.30 -52.87	359.58
26 05 36 00-1825	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	957.11 -60.72	419.94
26 05 36 00-1826	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,125.21 -70.59	503.09
26 05 36 00-1827			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1828	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	277.20 -16.66	132.80
26 05 36 00-1829	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	365.63 -21.60	179.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1830 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.21 -26.67	228.55
26 05 36 00-1831 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	560.22 -32.71	279.68
26 05 36 00-1832 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	632.56 -36.96	315.59
26 05 36 00-1833 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	722.53 -42.29	359.58
26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1835 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	315.85 -19.92	139.95
26 05 36 00-1836 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	418.31 -25.67	193.91
26 05 36 00-1837 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	535.55 -32.52	252.39
26 05 36 00-1838 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	654.50 -39.20	314.96
26 05 36 00-1839 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	750.02 -44.97	360.31
26 05 36 00-1840 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	873.36 -52.34	419.94
26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1842 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	370.21 -24.68	148.13
26 05 36 00-1843 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	490.55 -31.58	209.66
26 05 36 00-1844 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	636.29 -40.28	280.21
26 05 36 00-1845 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	779.28 -47.90	360.31
26 05 36 00-1846 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	900.53 -55.06	419.94
26 05 36 00-1847 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,064.84 -64.42	504.77
26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1849 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	312.99 -20.27	132.28
26 05 36 00-1850 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	402.43 -25.28	179.53
26 05 36 00-1851 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	485.97 -29.52	228.86
26 05 36 00-1852 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	586.24 -35.27	280.21
26 05 36 00-1853 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	647.88 -38.49	315.59
26 05 36 00-1854 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	727.83 -42.82	359.58
26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1856 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	365.71 -24.92	139.84
26 05 36 00-1857 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	463.89 -30.23	193.91
26 05 36 00-1858 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	575.33 -36.54	251.97
26 05 36 00-1859 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	685.68 -42.32	314.96
26 05 36 00-1860 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	780.08 -48.05	359.58
26 05 36 00-1861 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	888.79 -53.88	419.94
26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1863 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	425.96 -30.27	147.82
26 05 36 00-1864 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	540.64 -36.54	210.28
26 05 36 00-1865 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	678.68 -44.52	280.21
26 05 36 00-1866 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	825.62 -52.60	359.58
26 05 36 00-1867 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	931.66 -58.17	419.94
26 05 36 00-1868 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,095.74 -67.65	503.09
26 05 36 00-1869 12" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	528.45	251.97
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.85	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	644.44	314.33
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-38.25	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	737.24	360.31
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-43.69	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	857.98	419.94
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.80	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	943.83	457.74
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.23	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	1,036.80	503.09
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.75	
26 05 36 00-1876		24" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	645.69	279.68
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.26	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	794.81	359.58
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.52	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	918.26	419.94
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.83	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,122.54	503.09
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-70.33	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,242.14	560.41
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-77.51	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,390.11	629.91
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-86.52	
26 05 36 00-1883		36" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	782.13	314.96
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-51.97	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	993.28	419.94
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.33	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,161.39	504.77
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-74.08	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,435.65	629.91
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-91.07	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,612.54	722.41
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-101.06	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,878.35	837.68
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-118.03	
26 05 36 00-1890		12" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	600.79	251.97
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-39.08	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	708.46	314.96
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-44.60	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	747.17	335.74
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-46.74	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	797.49	359.58
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.79	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	856.78	387.93
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-53.36	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	977.32	457.74
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-59.58	
26 05 36 00-1897		24" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	708.65	279.68
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.56	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	853.75	359.58
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-55.41	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	913.04	387.93
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.98	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	986.58	419.94
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-63.66	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,064.39	457.74
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-68.29	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,260.89	560.41
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-79.39	
26 05 36 00-1904		36" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	909.68	314.33
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.77	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,095.09	419.94
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-74.51	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,171.56	457.74
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-79.01	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,276.60	504.77
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-85.60	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,436.38	560.41
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-96.94	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,707.52	719.04
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-110.83	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-1911 12" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>				
26 05 36 00-1912	EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	664.25	314.96
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-40.18	
26 05 36 00-1913	EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	.....	741.26	360.31
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-44.10	
26 05 36 00-1914	EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	.....	856.64	419.94
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-50.67	
26 05 36 00-1915	EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	.....	1,003.31	503.09
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-58.40	
26 05 36 00-1916	EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	.....	1,115.58	558.42
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-65.02	
26 05 36 00-1917	EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	.....	1,257.49	629.91
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-73.26	
26 05 36 00-1918 24" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>				
26 05 36 00-1919	EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	818.95	360.31
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-51.87	
26 05 36 00-1920	EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	928.98	419.94
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-57.90	
26 05 36 00-1921	EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	1,090.38	503.09
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-67.11	
26 05 36 00-1922	EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	1,370.01	629.91
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-84.51	
26 05 36 00-1923	EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	1,552.12	719.04
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-95.29	
26 05 36 00-1924	EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	.....	1,771.18	837.68
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-107.31	
26 05 36 00-1925 36" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>				
26 05 36 00-1926	EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	1,068.30	419.94
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-71.83	
26 05 36 00-1927	EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	1,228.37	504.77
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-80.78	
26 05 36 00-1928	EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	1,445.03	629.91
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-92.01	
26 05 36 00-1929	EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	1,879.11	842.09
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-117.73	
26 05 36 00-1930	EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	2,204.90	1,009.43
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-136.37	
26 05 36 00-1931	EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	.....	2,662.34	1,259.83
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-161.25	
26 05 36 00-1932 Straight Reducers <small>(26 05 36 00-1805)</small>				
26 05 36 00-1933	EA 12"-6" Reducer, Vented Bottom, Steel Cable Tray	.....	246.44	107.30
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-15.70	
26 05 36 00-1934	EA 18"-12" Reducer, Vented Bottom, Steel Cable Tray	.....	270.07	119.89
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-17.02	
26 05 36 00-1935	EA 24"-18" Reducer, Vented Bottom, Steel Cable Tray	.....	307.91	139.74
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-19.15	
26 05 36 00-1936	EA 30"-24" Reducer, Vented Bottom, Steel Cable Tray	.....	340.16	157.48
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-20.89	
26 05 36 00-1937	EA 36"-30" Reducer, Vented Bottom, Steel Cable Tray	.....	372.12	173.44
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-22.76	
26 05 36 00-1938 Reducers <small>(26 05 36 00-1805)</small>				
26 05 36 00-1939	EA 18"-6" Reducer, Vented Bottom, Steel Cable Tray	.....	270.07	119.89
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-17.02	
26 05 36 00-1940	EA 24"-12" Reducer, Vented Bottom, Steel Cable Tray	.....	306.98	139.95
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-19.03	
26 05 36 00-1941	EA 30"-12" Reducer, Vented Bottom, Steel Cable Tray	.....	338.56	157.27
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-20.75	
26 05 36 00-1942	EA 30"-18" Reducer, Vented Bottom, Steel Cable Tray	.....	339.64	157.17
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-20.87	
26 05 36 00-1943	EA 36"-12" Reducer, Vented Bottom, Steel Cable Tray	.....	370.78	173.44
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-22.63	
26 05 36 00-1944	EA 36"-18" Reducer, Vented Bottom, Steel Cable Tray	.....	372.12	173.44
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-22.76	
26 05 36 00-1945	EA 36"-24" Reducer, Vented Bottom, Steel Cable Tray	.....	374.08	173.86
	<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>		-22.92	
26 05 36 00-1946 Dropout Or End Plate <small>(26 05 36 00-1805)</small>				
26 05 36 00-1947	EA 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	80.70	38.74
26 05 36 00-1948	EA 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	95.46	45.46
26 05 36 00-1949	EA 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	105.27	50.18
26 05 36 00-1950	EA 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	118.18	55.96
26 05 36 00-1951	EA 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	131.52	62.89
26 05 36 00-1952	EA 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	.....	154.81	75.17

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1953			Vented Bottom Aluminum Cable Tray (26 05 36 00-1797)		
26 05 36 00-1954	LF	6"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	29.45 -2.26	8.18
26 05 36 00-1955	LF	9"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	32.64 -2.52	9.03
26 05 36 00-1956	LF	12"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	36.52 -2.81	10.08
26 05 36 00-1957	LF	18"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	42.43 -3.30	11.23
26 05 36 00-1958	LF	24"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	48.59 -3.82	12.49
26 05 36 00-1959	LF	30"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	61.38 -4.94	14.39
26 05 36 00-1960	LF	36"	Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	68.50 -5.45	16.90
26 05 36 00-1961			Vented Bottom Aluminum Cable Tray Fittings (26 05 36 00-1797)		
26 05 36 00-1962			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1961)		
26 05 36 00-1963	EA	6"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	364.47 -25.39	132.70
26 05 36 00-1964	EA	9"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	395.96 -27.59	144.04
26 05 36 00-1965	EA	12"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	436.52 -30.14	162.21
26 05 36 00-1966	EA	18"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	492.85 -34.30	179.74
26 05 36 00-1967	EA	24"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	589.95 -40.72	219.32
26 05 36 00-1968	EA	30"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	696.95 -48.66	252.39
26 05 36 00-1969	EA	36"	Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	768.29 -53.48	280.21
26 05 36 00-1970			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1961)		
26 05 36 00-1971	EA	6"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	440.86 -32.43	139.84
26 05 36 00-1972	EA	12"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	532.79 -38.79	173.86
26 05 36 00-1973	EA	18"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.72 -44.21	193.91
26 05 36 00-1974	EA	24"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	719.46 -51.97	239.68
26 05 36 00-1975	EA	30"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	831.04 -59.84	279.26
26 05 36 00-1976	EA	36"	Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	919.70 -65.72	314.96
26 05 36 00-1977			90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1961)		
26 05 36 00-1978	EA	6"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	539.41 -41.62	147.82
26 05 36 00-1979	EA	12"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	645.86 -49.02	186.77
26 05 36 00-1980	EA	18"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	730.65 -55.54	210.28
26 05 36 00-1981	EA	24"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	857.41 -63.65	265.09
26 05 36 00-1982	EA	30"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	916.44 -70.24	256.90
26 05 36 00-1983	EA	36"	Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,129.05 -82.94	359.58
26 05 36 00-1984			45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1961)		
26 05 36 00-1985	EA	6"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	333.12 -22.25	132.80
26 05 36 00-1986	EA	9"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	361.90 -24.17	144.25
26 05 36 00-1987	EA	12"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	399.95 -26.48	162.21
26 05 36 00-1988	EA	18"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	450.00 -30.04	179.53
26 05 36 00-1989	EA	24"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	540.06 -35.75	219.00
26 05 36 00-1990	EA	30"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	636.15 -42.58	252.39
26 05 36 00-1991	EA	36"	Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	701.17 -46.81	279.68
26 05 36 00-1992			45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1961)		
26 05 36 00-1993	EA	6"	Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	395.36 -27.87	139.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1994 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.30 -33.45	173.86
26 05 36 00-1995 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	542.42 -38.06	194.22
26 05 36 00-1996 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	649.68 -44.96	240.10
26 05 36 00-1997 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	752.25 -51.87	280.21
26 05 36 00-1998 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	832.85 -57.04	314.96
26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	475.42 -35.20	148.13
26 05 36 00-2001 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	571.53 -41.62	186.35
26 05 36 00-2002 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	647.00 -47.18	210.28
26 05 36 00-2003 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	766.73 -54.54	265.61
26 05 36 00-2004 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	875.13 -62.80	296.58
26 05 36 00-2005 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,013.86 -71.36	360.31
26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	395.09 -28.48	132.28
26 05 36 00-2008 EA 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	424.39 -30.47	143.72
26 05 36 00-2009 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.30 -32.22	162.21
26 05 36 00-2010 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	492.85 -34.30	179.74
26 05 36 00-2011 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	579.56 -39.68	219.32
26 05 36 00-2012 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	645.01 -43.47	252.39
26 05 36 00-2013 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	692.65 -45.96	279.68
26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	467.87 -35.13	139.84
26 05 36 00-2016 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	545.25 -40.04	173.86
26 05 36 00-2017 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	601.65 -44.00	193.91
26 05 36 00-2018 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	682.67 -48.26	240.10
26 05 36 00-2019 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	763.30 -53.02	279.68
26 05 36 00-2020 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	836.59 -57.41	314.96
26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2022 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	537.33 -41.41	147.82
26 05 36 00-2023 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	623.00 -46.73	186.77
26 05 36 00-2024 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	699.48 -52.43	210.28
26 05 36 00-2025 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	820.01 -59.91	265.09
26 05 36 00-2026 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	909.83 -66.27	296.58
26 05 36 00-2027 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,027.24 -72.76	359.58
26 05 36 00-2028 12" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	638.10 -42.81	251.97
26 05 36 00-2030 EA 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	666.26 -44.53	265.09
26 05 36 00-2031 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	708.46 -47.58	279.26
26 05 36 00-2032 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	808.55 -54.56	315.59
26 05 36 00-2033 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	923.36 -62.37	359.58
26 05 36 00-2034 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,046.89 -69.69	419.94

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2035	EA		36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,157.75 -77.63	457.74
26 05 36 00-2036			24" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037	EA		6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	798.62 -56.55	279.68
26 05 36 00-2038	EA		12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	902.03 -64.01	314.33
26 05 36 00-2039	EA		18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,014.78 -71.52	359.58
26 05 36 00-2040	EA		24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,217.48 -86.85	418.79
26 05 36 00-2041	EA		30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,402.22 -98.16	504.77
26 05 36 00-2042	EA		36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,588.52 -112.15	560.41
26 05 36 00-2043			36" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044	EA		6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,058.91 -79.64	314.96
26 05 36 00-2045	EA		12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,212.16 -91.25	359.58
26 05 36 00-2046	EA		18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,280.59 -98.83	350.76
26 05 36 00-2047	EA		24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,648.86 -122.96	503.09
26 05 36 00-2048	EA		30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,916.33 -138.93	632.43
26 05 36 00-2049	EA		36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,195.79 -159.66	719.04
26 05 36 00-2050			12" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051	EA		6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	719.13 -50.92	251.97
26 05 36 00-2052	EA		9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	743.13 -52.22	265.09
26 05 36 00-2053	EA		12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	790.31 -55.72	279.68
26 05 36 00-2054	EA		18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	820.49 -57.34	296.58
26 05 36 00-2055	EA		24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	858.40 -59.65	314.33
26 05 36 00-2056	EA		30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	908.69 -62.89	335.74
26 05 36 00-2057	EA		36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,008.47 -68.60	386.87
26 05 36 00-2058			24" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059	EA		6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	890.04 -65.70	279.68
26 05 36 00-2060	EA		12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	980.98 -71.90	314.33
26 05 36 00-2061	EA		18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,047.90 -76.81	335.74
26 05 36 00-2062	EA		24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,118.67 -81.91	359.58
26 05 36 00-2063	EA		30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,205.86 -88.34	386.87
26 05 36 00-2064	EA		36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,336.58 -95.40	459.10
26 05 36 00-2065			36" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2066	EA		6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,178.37 -91.64	314.33
26 05 36 00-2067	EA		12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,295.27 -99.57	359.58
26 05 36 00-2068	EA		18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,361.69 -103.93	386.87
26 05 36 00-2069	EA		24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,470.53 -111.96	421.09
26 05 36 00-2070	EA		30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,596.30 -121.37	459.10
26 05 36 00-2071	EA		36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,803.37 -133.80	558.42
26 05 36 00-2072			12" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2073	EA		6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	738.36 -50.53	279.68
26 05 36 00-2074	EA		9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	785.16 -53.80	296.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2075 EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	825.17 -56.22	315.59
26 05 36 00-2076 EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	912.97 -61.34	359.58
26 05 36 00-2077 EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,047.10 -69.81	418.79
26 05 36 00-2078 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,184.62 -80.42	456.48
26 05 36 00-2079 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,445.15 -97.81	560.41
26 05 36 00-2080 24" Radius Horizontal Crosses (26 05 36 00-1961)		
26 05 36 00-2081 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,014.25 -75.13	315.59
26 05 36 00-2082 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,133.21 -83.36	359.58
26 05 36 00-2083 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,273.57 -92.46	418.79
26 05 36 00-2084 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,503.42 -108.42	503.09
26 05 36 00-2085 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,647.54 -118.22	558.42
26 05 36 00-2086 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,008.79 -140.96	719.04
26 05 36 00-2087 36" Radius Horizontal Crosses (26 05 36 00-1961)		
26 05 36 00-2088 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,399.16 -109.95	359.58
26 05 36 00-2089 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,553.64 -120.28	421.09
26 05 36 00-2090 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,763.13 -134.39	503.09
26 05 36 00-2091 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,124.11 -159.71	632.43
26 05 36 00-2092 EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,367.49 -176.55	722.41
26 05 36 00-2093 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,746.62 -204.86	837.68
26 05 36 00-2094 Straight Reducers (26 05 36 00-1961)		
26 05 36 00-2095 EA 9"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	273.04 -20.30	83.99
26 05 36 00-2096 EA 12"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	286.66 -21.29	88.51
26 05 36 00-2097 EA 18"-12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	324.46 -23.70	104.89
26 05 36 00-2098 EA 24"-18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	359.58 -25.98	119.79
26 05 36 00-2099 EA 30"-24" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	397.44 -28.08	139.95
26 05 36 00-2100 EA 36"-30" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	432.31 -30.13	157.17
26 05 36 00-2101 Reducers (26 05 36 00-1961)		
26 05 36 00-2102 EA 12"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	286.41 -21.28	88.30
26 05 36 00-2103 EA 18"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	324.34 -23.70	104.89
26 05 36 00-2104 EA 18"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	324.34 -23.70	104.89
26 05 36 00-2105 EA 24"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	359.73 -25.99	119.89
26 05 36 00-2106 EA 24"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	359.73 -25.99	119.89
26 05 36 00-2107 EA 24"-12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	360.04 -26.00	120.00
26 05 36 00-2108 EA 30"-12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	401.39 -28.48	139.84
26 05 36 00-2109 EA 30"-18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	397.03 -28.06	139.74
26 05 36 00-2110 EA 36"-12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	432.31 -30.13	157.17
26 05 36 00-2111 EA 36"-18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	432.31 -30.13	157.17
26 05 36 00-2112 EA 36"-24" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	432.83 -30.16	157.48
26 05 36 00-2113 Dropout Or End Plate (26 05 36 00-1961)		
26 05 36 00-2114 EA 6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray.....	91.78	38.74
26 05 36 00-2115 EA 9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray.....	100.15	42.30
26 05 36 00-2116 EA 12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray.....	107.90	45.46
26 05 36 00-2117 EA 18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray.....	122.39	50.18

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2118	EA		24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	140.08	55.96
26 05 36 00-2119	EA		30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	154.73	62.89
26 05 36 00-2120	EA		36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	177.15	72.02
26 05 36 00-2121			Covers And Dividers (26 05 36 00-0001)		
26 05 36 00-2122			Galvanized Steel Covers (26 05 36 00-2121)		
26 05 36 00-2123			Ventilated Straight Sections (26 05 36 00-2122)		
26 05 36 00-2124	LF		6" Steel Cable Tray Cover, Straight Section	7.43	1.89
26 05 36 00-2125	LF		9" Steel Cable Tray Cover, Straight Section	8.90	2.20
26 05 36 00-2126	LF		12" Steel Cable Tray Cover, Straight Section	10.42	2.52
26 05 36 00-2127	LF		18" Steel Cable Tray Cover, Straight Section	14.10	3.36
26 05 36 00-2128	LF		24" Steel Cable Tray Cover, Straight Section	18.02	4.52
26 05 36 00-2129	LF		30" Steel Cable Tray Cover, Straight Section	21.90	5.56
26 05 36 00-2130	LF		36" Steel Cable Tray Cover, Straight Section	119.60	63.09
26 05 36 00-2131			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2132	EA		6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	42.72	6.72
26 05 36 00-2133	EA		9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	47.95	7.87
26 05 36 00-2134	EA		12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	52.35	9.35
26 05 36 00-2135	EA		18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	70.84	11.97
26 05 36 00-2136	EA		24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	87.05	15.23
26 05 36 00-2137	EA		30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	104.45	16.90
26 05 36 00-2138	EA		36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	126.07	20.16
26 05 36 00-2139			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2140	EA		6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	64.62	7.45
26 05 36 00-2141	EA		9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	68.07	8.72
26 05 36 00-2142	EA		12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	77.15	10.50
26 05 36 00-2143	EA		18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	95.83	13.33
26 05 36 00-2144	EA		24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	117.78	16.80
26 05 36 00-2145	EA		30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	150.16	19.31
26 05 36 00-2146	EA		36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	174.86	22.89
26 05 36 00-2147			90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2148	EA		6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	90.29	8.39
26 05 36 00-2149	EA		9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	100.56	9.66
26 05 36 00-2150	EA		12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	109.73	11.97
26 05 36 00-2151	EA		18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	138.54	13.96
26 05 36 00-2152	EA		24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	168.94	19.42
26 05 36 00-2153	EA		30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	198.62	21.94
26 05 36 00-2154	EA		36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	232.14	25.19
26 05 36 00-2155			45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2156	EA		6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	33.62	6.72
			For 60 Degree Bend, Deduct	-8.51	
			For 30 Degree Bend, Deduct	-14.55	
26 05 36 00-2157	EA		9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	39.91	7.87
			For 60 Degree Bend, Deduct	-10.15	
			For 30 Degree Bend, Deduct	-17.36	
26 05 36 00-2158	EA		12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	44.98	9.35
			For 60 Degree Bend, Deduct	-11.28	
			For 30 Degree Bend, Deduct	-19.31	
26 05 36 00-2159	EA		18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	54.56	11.44
			For 60 Degree Bend, Deduct	-13.62	
			For 30 Degree Bend, Deduct	-23.34	
26 05 36 00-2160	EA		24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	63.66	13.22
			For 60 Degree Bend, Deduct	-15.92	
			For 30 Degree Bend, Deduct	-27.27	
26 05 36 00-2161	EA		30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	74.35	15.23
			For 60 Degree Bend, Deduct	-18.68	
			For 30 Degree Bend, Deduct	-31.99	
26 05 36 00-2162	EA		36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	82.92	16.80
			For 60 Degree Bend, Deduct	-20.92	
			For 30 Degree Bend, Deduct	-35.81	
26 05 36 00-2163			45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2164	EA		6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	45.21	7.45
			For 60 Degree Bend, Deduct	-12.07	
			For 30 Degree Bend, Deduct	-20.53	
26 05 36 00-2165	EA		9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	51.33	8.72
			For 60 Degree Bend, Deduct	-13.61	
			For 30 Degree Bend, Deduct	-23.16	
26 05 36 00-2166	EA		12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	59.07	10.50
			For 60 Degree Bend, Deduct	-15.46	
			For 30 Degree Bend, Deduct	-26.35	
26 05 36 00-2167	EA		18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	68.59	12.60
			For 60 Degree Bend, Deduct	-17.80	
			For 30 Degree Bend, Deduct	-30.36	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-2168	EA		24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	78.96 -20.53 -35.01	14.39
	26 05 36 00-2169	EA		30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	97.73 -25.79 -43.93	16.80
	26 05 36 00-2170	EA		36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	108.70 -28.43 -48.47	19.42
26 05 36 00-2171	45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2172	EA		6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	61.51 -17.09 -28.95	8.39
	26 05 36 00-2173	EA		9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	69.75 -19.30 -32.70	9.66
	26 05 36 00-2174	EA		12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	78.87 -21.44 -36.40	11.97
	26 05 36 00-2175	EA		18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	89.83 -24.54 -41.64	13.33
	26 05 36 00-2176	EA		24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	109.51 -29.90 -50.74	16.27
	26 05 36 00-2177	EA		30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	122.09 -32.85 -55.83	19.42
	26 05 36 00-2178	EA		36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	143.53 -39.31 -66.68	21.00
26 05 36 00-2179	90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2180	EA		6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	37.47	6.72
	26 05 36 00-2181	EA		9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	39.91	7.87
	26 05 36 00-2182	EA		12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	44.31	9.35
	26 05 36 00-2183	EA		18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	51.91	11.44
	26 05 36 00-2184	EA		24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	58.18	14.81
	26 05 36 00-2185	EA		30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	64.93	16.90
	26 05 36 00-2186	EA		36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	81.12	20.16
26 05 36 00-2187	90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2188	EA		6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	44.53	7.45
	26 05 36 00-2189	EA		9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	49.99	8.72
	26 05 36 00-2190	EA		12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	54.38	10.50
	26 05 36 00-2191	EA		18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	69.90	12.60
	26 05 36 00-2192	EA		24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	82.01	16.27
	26 05 36 00-2193	EA		30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	94.59	19.42
	26 05 36 00-2194	EA		36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	109.22	22.89
26 05 36 00-2195	90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2196	EA		6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	51.44	8.39
	26 05 36 00-2197	EA		9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	63.73	9.66
	26 05 36 00-2198	EA		12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	73.56	11.97
	26 05 36 00-2199	EA		18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	89.82	13.33
	26 05 36 00-2200	EA		24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	106.05	18.58
	26 05 36 00-2201	EA		30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	126.28	21.94
	26 05 36 00-2202	EA		36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	147.75	25.19
26 05 36 00-2203	12" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2204	EA		6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	65.83	10.92
	26 05 36 00-2205	EA		9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	69.90	12.60
	26 05 36 00-2206	EA		12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	79.54	14.81
	26 05 36 00-2207	EA		18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	95.05	16.80
	26 05 36 00-2208	EA		24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	116.73	19.42
	26 05 36 00-2209	EA		30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	145.71	27.93
	26 05 36 00-2210	EA		36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	175.09	33.49
26 05 36 00-2211	24" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>					
	26 05 36 00-2212	EA		6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	94.11	11.44
	26 05 36 00-2213	EA		9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	107.90	13.33
	26 05 36 00-2214	EA		12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	114.63	15.75
	26 05 36 00-2215	EA		18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	143.89	18.06
	26 05 36 00-2216	EA		24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	209.05	21.00
	26 05 36 00-2217	EA		30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	250.79	31.50
	26 05 36 00-2218	EA		36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	282.91	38.74

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2219			36" Radius Horizontal Tees (26 05 36 00-2122)		
26 05 36 00-2220	EA		6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	155.25	11.97
26 05 36 00-2221	EA		9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	161.29	13.96
26 05 36 00-2222	EA		12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	180.74	16.80
26 05 36 00-2223	EA		18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	211.90	19.42
26 05 36 00-2224	EA		24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	273.99	22.89
26 05 36 00-2225	EA		30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	316.01	36.11
26 05 36 00-2226	EA		36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	366.81	45.67
26 05 36 00-2227			12" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2228	EA		6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	95.67	14.81
26 05 36 00-2229	EA		9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	101.27	15.75
26 05 36 00-2230	EA		12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	111.79	16.80
26 05 36 00-2231	EA		18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	131.47	19.42
26 05 36 00-2232	EA		24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	167.09	27.93
26 05 36 00-2233	EA		30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	193.79	33.49
26 05 36 00-2234	EA		36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	220.70	36.01
26 05 36 00-2235			24" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2236	EA		6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	161.58	15.75
26 05 36 00-2237	EA		9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	175.39	16.80
26 05 36 00-2238	EA		12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	188.09	18.06
26 05 36 00-2239	EA		18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	223.78	21.00
26 05 36 00-2240	EA		24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	282.90	31.50
26 05 36 00-2241	EA		30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	324.36	38.74
26 05 36 00-2242	EA		36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	361.87	41.89
26 05 36 00-2243			36" Radius Horizontal Crosses (26 05 36 00-2122)		
26 05 36 00-2244	EA		6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	254.42	16.80
26 05 36 00-2245	EA		9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	264.45	18.06
26 05 36 00-2246	EA		12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	278.88	19.42
26 05 36 00-2247	EA		18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	322.22	22.89
26 05 36 00-2248	EA		24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	421.80	36.01
26 05 36 00-2249	EA		30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	464.94	45.88
26 05 36 00-2250	EA		36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	499.27	50.39
26 05 36 00-2251			Reducers (26 05 36 00-2122)		
26 05 36 00-2252	EA		9"-6" Reducer, Steel Cable Tray Covers.....	43.27	7.87
26 05 36 00-2253	EA		12"-6" Reducer, Steel Cable Tray Covers.....	47.02	9.35
26 05 36 00-2254	EA		12"-9" Reducer, Steel Cable Tray Covers.....	47.02	9.35
26 05 36 00-2255	EA		18"-6" Reducer, Steel Cable Tray Covers.....	52.57	11.44
26 05 36 00-2256	EA		18"-12" Reducer, Steel Cable Tray Covers.....	52.57	11.44
26 05 36 00-2257	EA		24"-12" Reducer, Steel Cable Tray Covers.....	63.87	12.60
26 05 36 00-2258	EA		24"-18" Reducer, Steel Cable Tray Covers.....	67.89	12.60
26 05 36 00-2259	EA		30"-12" Reducer, Steel Cable Tray Covers.....	66.89	14.39
26 05 36 00-2260	EA		30"-18" Reducer, Steel Cable Tray Covers.....	70.91	14.39
26 05 36 00-2261	EA		30"-24" Reducer, Steel Cable Tray Covers.....	73.59	14.39
26 05 36 00-2262	EA		36"-12" Reducer, Steel Cable Tray Covers.....	77.10	15.75
26 05 36 00-2263	EA		36"-18" Reducer, Steel Cable Tray Covers.....	78.44	15.75
26 05 36 00-2264	EA		36"-24" Reducer, Steel Cable Tray Covers.....	79.78	15.75
26 05 36 00-2265	EA		36"-30" Reducer, Steel Cable Tray Covers.....	80.45	15.75
26 05 36 00-2266			Aluminum Covers (26 05 36 00-2121)		
26 05 36 00-2267			Ventilated Straight Sections (26 05 36 00-2266)		
26 05 36 00-2268	LF		6" Aluminum Cable Tray Cover, Straight Section	11.10	1.89
26 05 36 00-2269	LF		9" Aluminum Cable Tray Cover, Straight Section	13.25	2.20
26 05 36 00-2270	LF		12" Aluminum Cable Tray Cover, Straight Section	15.57	2.52
26 05 36 00-2271	LF		18" Aluminum Cable Tray Cover, Straight Section	20.72	3.36
26 05 36 00-2272	LF		24" Aluminum Cable Tray Cover, Straight Section	26.58	4.52
26 05 36 00-2273	LF		30" Aluminum Cable Tray Cover, Straight Section	30.13	5.56
26 05 36 00-2274	LF		36" Aluminum Cable Tray Cover, Straight Section	127.31	63.09
26 05 36 00-2275			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2266)		
26 05 36 00-2276	EA		6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	59.24	6.72
26 05 36 00-2277	EA		9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	63.21	7.87
26 05 36 00-2278	EA		12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	69.78	9.35
26 05 36 00-2279	EA		18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	90.90	11.97
26 05 36 00-2280	EA		24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	115.18	15.23
26 05 36 00-2281	EA		30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	135.58	16.90
26 05 36 00-2282	EA		36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	165.13	20.16
26 05 36 00-2283			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2266)		
26 05 36 00-2284	EA		6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	78.13	7.45
26 05 36 00-2285	EA		9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	95.89	8.72
26 05 36 00-2286	EA		12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	107.29	10.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2287 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	128.60	13.33
26 05 36 00-2288 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	159.52	16.80
26 05 36 00-2289 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	192.99	19.31
26 05 36 00-2290 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	236.50	22.89
26 05 36 00-2291 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2292 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	126.64	8.39
26 05 36 00-2293 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	139.31	9.66
26 05 36 00-2294 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	159.82	11.97
26 05 36 00-2295 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	190.30	13.96
26 05 36 00-2296 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	234.76	19.42
26 05 36 00-2297 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	270.29	21.94
26 05 36 00-2298 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	315.34	25.19
26 05 36 00-2299 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2300 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	46.73	6.72
<i>For 60 Degree Bend, Deduct</i>	-12.83	
<i>For 30 Degree Bend, Deduct</i>	-21.76	
26 05 36 00-2301 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	49.65	7.87
<i>For 60 Degree Bend, Deduct</i>	-13.37	
<i>For 30 Degree Bend, Deduct</i>	-22.72	
26 05 36 00-2302 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	56.42	9.35
<i>For 60 Degree Bend, Deduct</i>	-15.05	
<i>For 30 Degree Bend, Deduct</i>	-25.60	
26 05 36 00-2303 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	66.02	11.44
<i>For 60 Degree Bend, Deduct</i>	-17.40	
<i>For 30 Degree Bend, Deduct</i>	-29.64	
26 05 36 00-2304 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	74.31	13.22
<i>For 60 Degree Bend, Deduct</i>	-19.43	
<i>For 30 Degree Bend, Deduct</i>	-33.13	
26 05 36 00-2305 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	91.20	15.23
<i>For 60 Degree Bend, Deduct</i>	-24.24	
<i>For 30 Degree Bend, Deduct</i>	-41.25	
26 05 36 00-2306 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	107.31	16.80
<i>For 60 Degree Bend, Deduct</i>	-28.97	
<i>For 30 Degree Bend, Deduct</i>	-49.22	
26 05 36 00-2307 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2308 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	53.61	7.45
<i>For 60 Degree Bend, Deduct</i>	-14.84	
<i>For 30 Degree Bend, Deduct</i>	-25.15	
26 05 36 00-2309 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	66.67	8.72
<i>For 60 Degree Bend, Deduct</i>	-18.67	
<i>For 30 Degree Bend, Deduct</i>	-31.60	
26 05 36 00-2310 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	71.81	10.50
<i>For 60 Degree Bend, Deduct</i>	-19.66	
<i>For 30 Degree Bend, Deduct</i>	-33.36	
26 05 36 00-2311 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	86.78	12.60
<i>For 60 Degree Bend, Deduct</i>	-23.80	
<i>For 30 Degree Bend, Deduct</i>	-40.37	
26 05 36 00-2312 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	105.44	14.39
<i>For 60 Degree Bend, Deduct</i>	-29.27	
<i>For 30 Degree Bend, Deduct</i>	-49.58	
26 05 36 00-2313 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	121.99	16.80
<i>For 60 Degree Bend, Deduct</i>	-33.80	
<i>For 30 Degree Bend, Deduct</i>	-57.27	
26 05 36 00-2314 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	140.87	19.42
<i>For 60 Degree Bend, Deduct</i>	-39.05	
<i>For 30 Degree Bend, Deduct</i>	-66.16	
26 05 36 00-2315 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2316 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	84.91	8.39
<i>For 60 Degree Bend, Deduct</i>	-24.81	
<i>For 30 Degree Bend, Deduct</i>	-41.82	
26 05 36 00-2317 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	93.40	9.66
<i>For 60 Degree Bend, Deduct</i>	-27.10	
<i>For 30 Degree Bend, Deduct</i>	-45.71	
26 05 36 00-2318 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	101.33	11.97
<i>For 60 Degree Bend, Deduct</i>	-28.86	
<i>For 30 Degree Bend, Deduct</i>	-48.76	
26 05 36 00-2319 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	120.28	13.33
<i>For 60 Degree Bend, Deduct</i>	-34.59	
<i>For 30 Degree Bend, Deduct</i>	-58.39	
26 05 36 00-2320 EA 24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	146.09	16.27
<i>For 60 Degree Bend, Deduct</i>	-41.97	
<i>For 30 Degree Bend, Deduct</i>	-70.86	
26 05 36 00-2321 EA 30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	168.01	19.42
<i>For 60 Degree Bend, Deduct</i>	-48.01	
<i>For 30 Degree Bend, Deduct</i>	-81.09	
26 05 36 00-2322 EA 36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	189.47	21.00
<i>For 60 Degree Bend, Deduct</i>	-54.47	
<i>For 30 Degree Bend, Deduct</i>	-91.95	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2323			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2324	EA		6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	52.12	6.72
26 05 36 00-2325	EA		9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	54.34	7.87
26 05 36 00-2326	EA		12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	60.38	9.35
26 05 36 00-2327	EA		18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	71.27	11.44
26 05 36 00-2328	EA		24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	78.96	14.81
26 05 36 00-2329	EA		30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	83.40	16.90
26 05 36 00-2330	EA		36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	100.35	20.16
26 05 36 00-2331			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2332	EA		6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	59.34	7.45
26 05 36 00-2333	EA		9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	65.63	8.72
26 05 36 00-2334	EA		12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	72.85	10.50
26 05 36 00-2335	EA		18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	87.79	12.60
26 05 36 00-2336	EA		24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	100.14	16.27
26 05 36 00-2337	EA		30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	126.22	19.42
26 05 36 00-2338	EA		36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	140.49	22.89
26 05 36 00-2339			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2340	EA		6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	68.20	8.39
26 05 36 00-2341	EA		9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	82.96	9.66
26 05 36 00-2342	EA		12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	97.21	11.97
26 05 36 00-2343	EA		18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	116.09	13.33
26 05 36 00-2344	EA		24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	141.65	18.58
26 05 36 00-2345	EA		30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	176.37	21.94
26 05 36 00-2346	EA		36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	192.20	25.19
26 05 36 00-2347			12" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>		
26 05 36 00-2348	EA		6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	85.06	10.92
26 05 36 00-2349	EA		9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	91.96	12.60
26 05 36 00-2350	EA		12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	103.93	14.81
26 05 36 00-2351	EA		18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	121.99	16.80
26 05 36 00-2352	EA		24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	151.31	19.42
26 05 36 00-2353	EA		30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	186.42	27.93
26 05 36 00-2354	EA		36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	224.93	33.49
26 05 36 00-2355			24" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>		
26 05 36 00-2356	EA		6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	127.62	11.44
26 05 36 00-2357	EA		9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	143.23	13.33
26 05 36 00-2358	EA		12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	161.89	15.75
26 05 36 00-2359	EA		18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	188.65	18.06
26 05 36 00-2360	EA		24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	287.45	21.00
26 05 36 00-2361	EA		30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	332.21	31.50
26 05 36 00-2362	EA		36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	375.55	38.74
26 05 36 00-2363			36" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>		
26 05 36 00-2364	EA		6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	218.23	11.97
26 05 36 00-2365	EA		9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	225.77	13.96
26 05 36 00-2366	EA		12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	251.36	16.80
26 05 36 00-2367	EA		18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	284.94	19.42
26 05 36 00-2368	EA		24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	359.64	22.89
26 05 36 00-2369	EA		30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	421.23	36.11
26 05 36 00-2370	EA		36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	483.12	45.67
26 05 36 00-2371			12" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small>		
26 05 36 00-2372	EA		6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	126.94	14.81
26 05 36 00-2373	EA		9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	134.78	15.75
26 05 36 00-2374	EA		12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	149.13	16.80
26 05 36 00-2375	EA		18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	178.44	19.42
26 05 36 00-2376	EA		24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	215.59	27.93
26 05 36 00-2377	EA		30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	256.18	33.49
26 05 36 00-2378	EA		36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	291.63	36.01
26 05 36 00-2379			24" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small>		
26 05 36 00-2380	EA		6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	226.65	15.75
26 05 36 00-2381	EA		9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	243.01	16.80
26 05 36 00-2382	EA		12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	261.70	18.06
26 05 36 00-2383	EA		18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	304.15	21.00
26 05 36 00-2384	EA		24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	373.91	31.50
26 05 36 00-2385	EA		30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	440.17	38.74
26 05 36 00-2386	EA		36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	476.84	41.89
26 05 36 00-2387			36" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small>		
26 05 36 00-2388	EA		6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	349.45	16.80
26 05 36 00-2389	EA		9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	366.06	18.06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 05 36 00-2390	EA		12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	393.47	19.42
26 05 36 00-2391	EA		18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	434.78	22.89
26 05 36 00-2392	EA		24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	550.60	36.01
26 05 36 00-2393	EA		30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	640.00	45.88
26 05 36 00-2394	EA		36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	699.71	50.39

26 05 36 00-2395 Reducers (26 05 36 00-2266)

26 05 36 00-2396	EA		9"-6" Reducer, Aluminum Cable Tray Covers.....	64.27	7.87
26 05 36 00-2397	EA		12"-6" Reducer, Aluminum Cable Tray Covers.....	68.76	9.35
26 05 36 00-2398	EA		12"-9" Reducer, Aluminum Cable Tray Covers.....	68.76	9.35
26 05 36 00-2399	EA		18"-6" Reducer, Aluminum Cable Tray Covers.....	77.52	11.44
26 05 36 00-2400	EA		18"-12" Reducer, Aluminum Cable Tray Covers.....	77.52	11.44
26 05 36 00-2401	EA		24"-12" Reducer, Aluminum Cable Tray Covers.....	85.70	12.60
26 05 36 00-2402	EA		24"-18" Reducer, Aluminum Cable Tray Covers.....	94.01	12.60
26 05 36 00-2403	EA		30"-12" Reducer, Aluminum Cable Tray Covers.....	99.16	14.39
26 05 36 00-2404	EA		30"-18" Reducer, Aluminum Cable Tray Covers.....	102.26	14.39
26 05 36 00-2405	EA		30"-24" Reducer, Aluminum Cable Tray Covers.....	104.40	14.39
26 05 36 00-2406	EA		36"-12" Reducer, Aluminum Cable Tray Covers.....	109.69	15.75
26 05 36 00-2407	EA		36"-18" Reducer, Aluminum Cable Tray Covers.....	111.77	15.75
26 05 36 00-2408	EA		36"-24" Reducer, Aluminum Cable Tray Covers.....	112.82	15.75
26 05 36 00-2409	EA		36"-30" Reducer, Aluminum Cable Tray Covers.....	113.86	15.75

26 05 36 00-2410 Galvanized Steel Dividers (26 05 36 00-2121)

26 05 36 00-2411 Straight Dividers (26 05 36 00-2410)

26 05 36 00-2412	LF		3" Deep Galvanized Steel Divider Strip, Straight.....	7.88	2.52
26 05 36 00-2413	LF		4" Deep Galvanized Steel Divider Strip, Straight.....	9.18	2.72
26 05 36 00-2414	LF		6" Deep Galvanized Steel Divider Strip, Straight.....	11.21	3.15

26 05 36 00-2415 3" Deep Vertical Dividers (26 05 36 00-2410)

26 05 36 00-2416	EA		Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	48.10	18.06
26 05 36 00-2417	EA		Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	53.78	18.68
26 05 36 00-2418	EA		Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	56.45	19.42
26 05 36 00-2419	EA		Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	63.73	20.16
26 05 36 00-2420	EA		Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	61.05	20.16
26 05 36 00-2421	EA		Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	65.77	21.00
26 05 36 00-2422	EA		Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	75.38	21.94
26 05 36 00-2423	EA		Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	91.13	22.89
26 05 36 00-2424	EA		Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable.....	75.06	22.89
26 05 36 00-2425	EA		Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	82.87	24.04
26 05 36 00-2426	EA		Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	92.23	25.19
26 05 36 00-2427	EA		Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	113.86	26.56

26 05 36 00-2428 4" Deep Vertical Dividers (26 05 36 00-2410)

26 05 36 00-2429	EA		Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	54.11	18.68
26 05 36 00-2430	EA		Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	59.13	19.42
26 05 36 00-2431	EA		Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	63.73	20.16
26 05 36 00-2432	EA		Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	71.80	21.00
26 05 36 00-2433	EA		Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	71.80	21.00
26 05 36 00-2434	EA		Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	82.75	21.94
26 05 36 00-2435	EA		Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	90.46	22.89
26 05 36 00-2436	EA		Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	109.66	24.04
26 05 36 00-2437	EA		Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray.....	79.40	21.94
26 05 36 00-2438	EA		Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	87.12	22.89
26 05 36 00-2439	EA		Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	101.62	24.04
26 05 36 00-2440	EA		Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	125.71	25.19

26 05 36 00-2441 6" Deep Vertical Dividers (26 05 36 00-2410)

26 05 36 00-2442	EA		Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	60.08	21.00
26 05 36 00-2443	EA		Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	64.66	21.94
26 05 36 00-2444	EA		Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	70.37	22.89
26 05 36 00-2445	EA		Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	80.19	24.04
26 05 36 00-2446	EA		Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	73.37	21.94
26 05 36 00-2447	EA		Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	84.44	22.89
26 05 36 00-2448	EA		Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	92.91	24.04
26 05 36 00-2449	EA		Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	111.65	25.19
26 05 36 00-2450	EA		Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray.....	81.09	22.89
26 05 36 00-2451	EA		Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	92.91	24.04
26 05 36 00-2452	EA		Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	111.65	25.19
26 05 36 00-2453	EA		Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	133.95	26.56

26 05 36 00-2454 Horizontal Dividers (26 05 36 00-2410)

26 05 36 00-2455	EA		3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray.....	51.19	15.23
26 05 36 00-2456	EA		4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray.....	56.83	16.80
26 05 36 00-2457	EA		6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray.....	67.91	18.68

26 05 36 00-2458 Aluminum Dividers (26 05 36 00-2121)

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2459		Straight Dividers (26 05 36 00-2458)					
	26 05 36 00-2460	LF			3" Deep Aluminum Divider Strip, Straight	9.73	2.41
	26 05 36 00-2461	LF			4" Deep Aluminum Divider Strip, Straight	11.51	2.62
	26 05 36 00-2462	LF			6" Deep Aluminum Divider Strip, Straight	14.23	2.94
26 05 36 00-2463		3" Deep Vertical Dividers (26 05 36 00-2458)					
	26 05 36 00-2464	EA			Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	51.90	17.43
	26 05 36 00-2465	EA			Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	57.06	18.06
	26 05 36 00-2466	EA			Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	62.71	18.68
	26 05 36 00-2467	EA			Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	72.40	19.42
	26 05 36 00-2468	EA			Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	70.39	19.42
	26 05 36 00-2469	EA			Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	77.65	20.16
	26 05 36 00-2470	EA			Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	90.04	21.00
	26 05 36 00-2471	EA			Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	111.63	21.94
	26 05 36 00-2472	EA			Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	94.61	21.94
	26 05 36 00-2473	EA			Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	113.32	22.89
	26 05 36 00-2474	EA			Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	137.13	24.04
	26 05 36 00-2475	EA			Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	169.17	25.19
26 05 36 00-2476		4" Deep Vertical Dividers (26 05 36 00-2458)					
	26 05 36 00-2477	EA			Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	62.36	18.06
	26 05 36 00-2478	EA			Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	68.62	18.68
	26 05 36 00-2479	EA			Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	75.40	19.42
	26 05 36 00-2480	EA			Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	84.66	20.16
	26 05 36 00-2481	EA			Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	83.66	20.16
	26 05 36 00-2482	EA			Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	97.05	21.00
	26 05 36 00-2483	EA			Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	109.63	21.94
	26 05 36 00-2484	EA			Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	138.36	22.89
	26 05 36 00-2485	EA			Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	113.07	21.00
	26 05 36 00-2486	EA			Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	136.67	21.94
	26 05 36 00-2487	EA			Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	160.39	22.89
	26 05 36 00-2488	EA			Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	194.21	24.04
26 05 36 00-2489		6" Deep Vertical Dividers (26 05 36 00-2458)					
	26 05 36 00-2490	EA			Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	69.04	20.16
	26 05 36 00-2491	EA			Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	77.02	21.00
	26 05 36 00-2492	EA			Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	80.59	21.94
	26 05 36 00-2493	EA			Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	90.29	22.89
	26 05 36 00-2494	EA			Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	87.03	21.00
	26 05 36 00-2495	EA			Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	107.63	21.94
	26 05 36 00-2496	EA			Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	116.33	22.89
	26 05 36 00-2497	EA			Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	146.15	24.04
	26 05 36 00-2498	EA			Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	115.64	21.94
	26 05 36 00-2499	EA			Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	144.37	22.89
	26 05 36 00-2500	EA			Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	165.17	24.04
	26 05 36 00-2501	EA			Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	192.20	25.19
26 05 36 00-2502		Horizontal Dividers (26 05 36 00-2458)					
	26 05 36 00-2503	EA			3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	60.49	14.39
	26 05 36 00-2504	EA			4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	66.31	15.75
	26 05 36 00-2505	EA			6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	82.04	17.43
26 05 36 00-2506		Wall Brackets (26 05 36 00-0001)					
26 05 36 00-2507		Wall Brackets (26 05 36 00-2506)					
	26 05 36 00-2508	EA			6" Wide Tray Wall Bracket	71.70	21.00
	26 05 36 00-2509	EA			9" Wide Tray Wall Bracket	74.32	21.94
	26 05 36 00-2510	EA			12" Wide Tray Wall Bracket	81.26	22.89
	26 05 36 00-2511	EA			18" Wide Tray Wall Bracket	86.19	24.04
	26 05 36 00-2512	EA			24" Wide Tray Wall Bracket	93.43	25.19
	26 05 36 00-2513	EA			30" Wide Tray Wall Bracket	110.33	26.56
	26 05 36 00-2514	EA			36" Wide Tray Wall Bracket	131.22	28.35
26 05 36 00-2515		Fiberglass Cable Tray (26 05 36 00-0001)					
26 05 36 00-2516		Ladder Bottom Fiberglass Cable Tray (26 05 36 00-2515)					
		Note: Excludes hangers and support system.					
26 05 36 00-2517		Straight Tray Sections (26 05 36 00-2516)					
	26 05 36 00-2518	LF			6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	9.48	2.83
					For 9" Rung Spacing, Add	0.18	
					For 6" Rung Spacing, Add	0.79	
					For 4" Rung Spacing, Add	1.45	
					For 18" Rung Spacing, Deduct	-0.13	
					For Solid Bottom, Add	2.21	
					For Vented Trough Bottom, Add	2.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2519 LF 9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	10.70	3.47
For 9" Rung Spacing, Add	0.19	
For 6" Rung Spacing, Add	0.82	
For 4" Rung Spacing, Add	1.50	
For 18" Rung Spacing, Deduct	-0.14	
For Solid Bottom, Add	2.42	
For Vented Trough Bottom, Add	2.84	
26 05 36 00-2520 LF 12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.90	4.20
For 9" Rung Spacing, Add	0.20	
For 6" Rung Spacing, Add	0.84	
For 4" Rung Spacing, Add	1.54	
For 18" Rung Spacing, Deduct	-0.14	
For Solid Bottom, Add	2.63	
For Vented Trough Bottom, Add	3.03	
26 05 36 00-2521 LF 18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.42	5.56
For 9" Rung Spacing, Add	0.21	
For 6" Rung Spacing, Add	0.90	
For 4" Rung Spacing, Add	1.66	
For 18" Rung Spacing, Deduct	-0.15	
For Solid Bottom, Add	3.07	
For Vented Trough Bottom, Add	3.46	
26 05 36 00-2522 LF 24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	16.93	7.03
For 9" Rung Spacing, Add	0.23	
For 6" Rung Spacing, Add	0.96	
For 4" Rung Spacing, Add	1.77	
For 18" Rung Spacing, Deduct	-0.16	
For Solid Bottom, Add	3.50	
For Vented Trough Bottom, Add	3.88	
26 05 36 00-2523 LF 30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	18.53	7.66
For 9" Rung Spacing, Add	0.24	
For 6" Rung Spacing, Add	1.05	
For 4" Rung Spacing, Add	1.92	
For 18" Rung Spacing, Deduct	-0.17	
For Solid Bottom, Add	3.83	
For Vented Trough Bottom, Add	4.24	
26 05 36 00-2524 LF 36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	20.15	8.39
For 9" Rung Spacing, Add	0.26	
For 6" Rung Spacing, Add	1.13	
For 4" Rung Spacing, Add	2.08	
For 18" Rung Spacing, Deduct	-0.19	
For Solid Bottom, Add	4.16	
For Vented Trough Bottom, Add	4.60	
26 05 36 00-2525 90 Degree Horizontal Elbows (26 05 36 00-2516)		
26 05 36 00-2526 EA 6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	52.86	21.00
For 9" Rung Spacing, Add	0.75	
For 6" Rung Spacing, Add	3.20	
For 4" Rung Spacing, Add	5.87	
For 18" Rung Spacing, Deduct	-0.53	
For Solid Bottom, Add	11.13	
For Vented Trough Bottom, Add	12.48	
For 60 Degree Bend, Deduct	-10.20	
For 45 Degree Bend, Deduct	-14.12	
For 30 Degree Bend, Deduct	-18.05	
26 05 36 00-2527 EA 9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	59.32	24.46
For 9" Rung Spacing, Add	0.79	
For 6" Rung Spacing, Add	3.39	
For 4" Rung Spacing, Add	6.21	
For 18" Rung Spacing, Deduct	-0.56	
For Solid Bottom, Add	12.29	
For Vented Trough Bottom, Add	13.62	
For 60 Degree Bend, Deduct	-11.13	
For 45 Degree Bend, Deduct	-15.45	
For 30 Degree Bend, Deduct	-19.77	
26 05 36 00-2528 EA 12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	69.99	30.76
For 9" Rung Spacing, Add	0.83	
For 6" Rung Spacing, Add	3.57	
For 4" Rung Spacing, Add	6.55	
For 18" Rung Spacing, Deduct	-0.60	
For Solid Bottom, Add	14.07	
For Vented Trough Bottom, Add	15.29	
For 60 Degree Bend, Deduct	-12.47	
For 45 Degree Bend, Deduct	-17.40	
For 30 Degree Bend, Deduct	-22.33	
26 05 36 00-2529 EA 18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	82.98	37.17
For 9" Rung Spacing, Add	0.96	
For 6" Rung Spacing, Add	4.10	
For 4" Rung Spacing, Add	7.52	
For 18" Rung Spacing, Deduct	-0.68	
For Solid Bottom, Add	16.55	
For Vented Trough Bottom, Add	17.89	
For 60 Degree Bend, Deduct	-14.59	
For 45 Degree Bend, Deduct	-20.38	
For 30 Degree Bend, Deduct	-26.17	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2530	EA 24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	94.10	42.73
	For 9" Rung Spacing, Add	1.05	
	For 6" Rung Spacing, Add	4.51	
	For 4" Rung Spacing, Add	8.27	
	For 18" Rung Spacing, Deduct	-0.75	
	For Solid Bottom, Add	18.62	
	For Vented Trough Bottom, Add	20.03	
	For 60 Degree Bend, Deduct	-16.32	
	For 45 Degree Bend, Deduct	-22.83	
	For 30 Degree Bend, Deduct	-29.34	
26 05 36 00-2531	EA 30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	102.79	45.56
	For 9" Rung Spacing, Add	1.21	
	For 6" Rung Spacing, Add	5.18	
	For 4" Rung Spacing, Add	9.50	
	For 18" Rung Spacing, Deduct	-0.86	
	For Solid Bottom, Add	20.60	
	For Vented Trough Bottom, Add	22.35	
	For 60 Degree Bend, Deduct	-18.23	
	For 45 Degree Bend, Deduct	-25.44	
	For 30 Degree Bend, Deduct	-32.65	
26 05 36 00-2532	EA 36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	113.17	49.03
	For 9" Rung Spacing, Add	1.39	
	For 6" Rung Spacing, Add	5.95	
	For 4" Rung Spacing, Add	10.91	
	For 18" Rung Spacing, Deduct	-0.99	
	For Solid Bottom, Add	22.93	
	For Vented Trough Bottom, Add	25.06	
	For 60 Degree Bend, Deduct	-20.44	
	For 45 Degree Bend, Deduct	-28.48	
	For 30 Degree Bend, Deduct	-36.52	
26 05 36 00-2533	Inside Or Outside Vertical Risers (26 05 36 00-2516)		
26 05 36 00-2534	EA 6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	75.16	21.00
	For 9" Rung Spacing, Add	1.53	
	For 6" Rung Spacing, Add	6.55	
	For 4" Rung Spacing, Add	12.01	
	For 18" Rung Spacing, Deduct	-1.09	
	For Solid Bottom, Add	17.82	
	For Vented Trough Bottom, Add	21.40	
	For 60 Degree Bend, Deduct	-17.56	
	For 45 Degree Bend, Deduct	-23.94	
	For 30 Degree Bend, Deduct	-30.31	
26 05 36 00-2535	EA 9" Vertical Inside Or Outside Riser 90, Fiberglass.....	81.02	24.46
	For 9" Rung Spacing, Add	1.55	
	For 6" Rung Spacing, Add	6.64	
	For 4" Rung Spacing, Add	12.18	
	For 18" Rung Spacing, Deduct	-1.11	
	For Solid Bottom, Add	18.80	
	For Vented Trough Bottom, Add	22.30	
	For 60 Degree Bend, Deduct	-18.29	
	For 45 Degree Bend, Deduct	-24.99	
	For 30 Degree Bend, Deduct	-31.70	
26 05 36 00-2536	EA 12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	91.08	30.76
	For 9" Rung Spacing, Add	1.57	
	For 6" Rung Spacing, Add	6.73	
	For 4" Rung Spacing, Add	12.34	
	For 18" Rung Spacing, Deduct	-1.12	
	For Solid Bottom, Add	20.40	
	For Vented Trough Bottom, Add	23.73	
	For 60 Degree Bend, Deduct	-19.43	
	For 45 Degree Bend, Deduct	-26.68	
	For 30 Degree Bend, Deduct	-33.93	
26 05 36 00-2537	EA 18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	101.89	37.17
	For 9" Rung Spacing, Add	1.62	
	For 6" Rung Spacing, Add	6.94	
	For 4" Rung Spacing, Add	12.72	
	For 18" Rung Spacing, Deduct	-1.16	
	For Solid Bottom, Add	22.22	
	For Vented Trough Bottom, Add	25.46	
	For 60 Degree Bend, Deduct	-20.83	
	For 45 Degree Bend, Deduct	-28.70	
	For 30 Degree Bend, Deduct	-36.57	
26 05 36 00-2538	EA 24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	111.51	42.73
	For 9" Rung Spacing, Add	1.66	
	For 6" Rung Spacing, Add	7.12	
	For 4" Rung Spacing, Add	13.05	
	For 18" Rung Spacing, Deduct	-1.19	
	For Solid Bottom, Add	23.85	
	For Vented Trough Bottom, Add	26.99	
	For 60 Degree Bend, Deduct	-22.07	
	For 45 Degree Bend, Deduct	-30.49	
	For 30 Degree Bend, Deduct	-38.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
	26 05 36 00-2539	EA		30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	116.94	45.56
				For 9" Rung Spacing, Add	1.70	
				For 6" Rung Spacing, Add	7.31	
				For 4" Rung Spacing, Add	13.39	
				For 18" Rung Spacing, Deduct	-1.22	
				For Solid Bottom, Add	24.85	
				For Vented Trough Bottom, Add	28.01	
				For 60 Degree Bend, Deduct	-22.90	
				For 45 Degree Bend, Deduct	-31.66	
				For 30 Degree Bend, Deduct	-40.43	
	26 05 36 00-2540	EA		36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	127.29	49.03
				For 9" Rung Spacing, Add	1.88	
				For 6" Rung Spacing, Add	8.07	
				For 4" Rung Spacing, Add	14.80	
				For 18" Rung Spacing, Deduct	-1.35	
				For Solid Bottom, Add	27.16	
				For Vented Trough Bottom, Add	30.71	
				For 60 Degree Bend, Deduct	-25.10	
				For 45 Degree Bend, Deduct	-34.70	
				For 30 Degree Bend, Deduct	-44.29	
	26 05 36 00-2541			Horizontal Tees <small>(26 05 36 00-2516)</small>		
	26 05 36 00-2542	EA		6" Horizontal Tee, Fiberglass Cable Tray	116.42	52.49
				For 9" Rung Spacing, Add	1.32	
				For 6" Rung Spacing, Add	5.65	
				For 4" Rung Spacing, Add	10.36	
				For 18" Rung Spacing, Deduct	-0.94	
				For Solid Bottom, Add	23.12	
				For Vented Trough Bottom, Add	24.91	
	26 05 36 00-2543	EA		9" Horizontal Tee, Fiberglass Cable Tray	131.56	61.63
				For 9" Rung Spacing, Add	1.37	
				For 6" Rung Spacing, Add	5.88	
				For 4" Rung Spacing, Add	10.77	
				For 18" Rung Spacing, Deduct	-0.98	
				For Solid Bottom, Add	25.61	
				For Vented Trough Bottom, Add	27.22	
	26 05 36 00-2544	EA		12" Horizontal Tee, Fiberglass Cable Tray	150.90	73.49
				For 9" Rung Spacing, Add	1.42	
				For 6" Rung Spacing, Add	6.10	
				For 4" Rung Spacing, Add	11.18	
				For 18" Rung Spacing, Deduct	-1.02	
				For Solid Bottom, Add	28.74	
				For Vented Trough Bottom, Add	30.05	
	26 05 36 00-2545	EA		18" Horizontal Tee, Fiberglass Cable Tray	168.63	82.63
				For 9" Rung Spacing, Add	1.57	
				For 6" Rung Spacing, Add	6.71	
				For 4" Rung Spacing, Add	12.31	
				For 18" Rung Spacing, Deduct	-1.12	
				For Solid Bottom, Add	32.01	
				For Vented Trough Bottom, Add	33.39	
	26 05 36 00-2546	EA		24" Horizontal Tee, Fiberglass Cable Tray	177.16	86.09
				For 9" Rung Spacing, Add	1.68	
				For 6" Rung Spacing, Add	7.20	
				For 4" Rung Spacing, Add	13.21	
				For 18" Rung Spacing, Deduct	-1.20	
				For Solid Bottom, Add	33.78	
				For Vented Trough Bottom, Add	35.35	
	26 05 36 00-2547	EA		30" Horizontal Tee, Fiberglass Cable Tray	189.53	91.02
				For 9" Rung Spacing, Add	1.86	
				For 6" Rung Spacing, Add	7.96	
				For 4" Rung Spacing, Add	14.59	
				For 18" Rung Spacing, Deduct	-1.33	
				For Solid Bottom, Add	36.39	
				For Vented Trough Bottom, Add	38.28	
	26 05 36 00-2548	EA		36" Horizontal Tee, Fiberglass Cable Tray	205.59	98.05
				For 9" Rung Spacing, Add	2.05	
				For 6" Rung Spacing, Add	8.79	
				For 4" Rung Spacing, Add	16.12	
				For 18" Rung Spacing, Deduct	-1.47	
				For Solid Bottom, Add	39.63	
				For Vented Trough Bottom, Add	41.82	
	26 05 36 00-2549			Horizontal Crosses <small>(26 05 36 00-2516)</small>		
	26 05 36 00-2550	EA		6" Horizontal Cross, Fiberglass Cable Tray	184.77	91.02
				For 9" Rung Spacing, Add	1.69	
				For 6" Rung Spacing, Add	7.24	
				For 4" Rung Spacing, Add	13.28	
				For 18" Rung Spacing, Deduct	-1.21	
				For Solid Bottom, Add	34.96	
				For Vented Trough Bottom, Add	36.38	
	26 05 36 00-2551	EA		9" Horizontal Cross, Fiberglass Cable Tray	196.69	98.05
				For 9" Rung Spacing, Add	1.74	
				For 6" Rung Spacing, Add	7.46	
				For 4" Rung Spacing, Add	13.67	
				For 18" Rung Spacing, Deduct	-1.24	
				For Solid Bottom, Add	36.96	
				For Vented Trough Bottom, Add	38.26	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	208.63	105.09
		<i>For 9" Rung Spacing, Add</i>	1.79	
		<i>For 6" Rung Spacing, Add</i>	7.67	
		<i>For 4" Rung Spacing, Add</i>	14.06	
		<i>For 18" Rung Spacing, Deduct</i>	-1.28	
		<i>For Solid Bottom, Add</i>	38.97	
		<i>For Vented Trough Bottom, Add</i>	40.14	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	223.21	112.02
		<i>For 9" Rung Spacing, Add</i>	1.93	
		<i>For 6" Rung Spacing, Add</i>	8.28	
		<i>For 4" Rung Spacing, Add</i>	15.19	
		<i>For 18" Rung Spacing, Deduct</i>	-1.38	
		<i>For Solid Bottom, Add</i>	41.77	
		<i>For Vented Trough Bottom, Add</i>	43.09	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	236.83	119.05
		<i>For 9" Rung Spacing, Add</i>	2.04	
		<i>For 6" Rung Spacing, Add</i>	8.75	
		<i>For 4" Rung Spacing, Add</i>	16.05	
		<i>For 18" Rung Spacing, Deduct</i>	-1.46	
		<i>For Solid Bottom, Add</i>	44.28	
		<i>For Vented Trough Bottom, Add</i>	45.65	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	252.49	126.08
		<i>For 9" Rung Spacing, Add</i>	2.22	
		<i>For 6" Rung Spacing, Add</i>	9.53	
		<i>For 4" Rung Spacing, Add</i>	17.47	
		<i>For 18" Rung Spacing, Deduct</i>	-1.59	
		<i>For Solid Bottom, Add</i>	47.40	
		<i>For Vented Trough Bottom, Add</i>	49.03	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	272.81	135.12
		<i>For 9" Rung Spacing, Add</i>	2.46	
		<i>For 6" Rung Spacing, Add</i>	10.53	
		<i>For 4" Rung Spacing, Add</i>	19.30	
		<i>For 18" Rung Spacing, Deduct</i>	-1.75	
		<i>For Solid Bottom, Add</i>	51.45	
		<i>For Vented Trough Bottom, Add</i>	53.40	

26 05 36 00-2557 Horizontal Wyes (26 05 36 00-2516)

26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	112.61	52.49
		<i>For 9" Rung Spacing, Add</i>	1.19	
		<i>For 6" Rung Spacing, Add</i>	5.08	
		<i>For 4" Rung Spacing, Add</i>	9.31	
		<i>For 18" Rung Spacing, Deduct</i>	-0.85	
		<i>For Solid Bottom, Add</i>	21.97	
		<i>For Vented Trough Bottom, Add</i>	23.39	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	119.24	56.06
		<i>For 9" Rung Spacing, Add</i>	1.23	
		<i>For 6" Rung Spacing, Add</i>	5.29	
		<i>For 4" Rung Spacing, Add</i>	9.69	
		<i>For 18" Rung Spacing, Deduct</i>	-0.88	
		<i>For Solid Bottom, Add</i>	23.17	
		<i>For Vented Trough Bottom, Add</i>	24.60	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	146.82	73.49
		<i>For 9" Rung Spacing, Add</i>	1.28	
		<i>For 6" Rung Spacing, Add</i>	5.49	
		<i>For 4" Rung Spacing, Add</i>	10.06	
		<i>For 18" Rung Spacing, Deduct</i>	-0.91	
		<i>For Solid Bottom, Add</i>	27.51	
		<i>For Vented Trough Bottom, Add</i>	28.41	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	164.15	82.63
		<i>For 9" Rung Spacing, Add</i>	1.41	
		<i>For 6" Rung Spacing, Add</i>	6.04	
		<i>For 4" Rung Spacing, Add</i>	11.07	
		<i>For 18" Rung Spacing, Deduct</i>	-1.01	
		<i>For Solid Bottom, Add</i>	30.66	
		<i>For Vented Trough Bottom, Add</i>	31.59	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	172.26	86.09
		<i>For 9" Rung Spacing, Add</i>	1.51	
		<i>For 6" Rung Spacing, Add</i>	6.47	
		<i>For 4" Rung Spacing, Add</i>	11.86	
		<i>For 18" Rung Spacing, Deduct</i>	-1.08	
		<i>For Solid Bottom, Add</i>	32.31	
		<i>For Vented Trough Bottom, Add</i>	33.39	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	184.22	91.02
		<i>For 9" Rung Spacing, Add</i>	1.67	
		<i>For 6" Rung Spacing, Add</i>	7.16	
		<i>For 4" Rung Spacing, Add</i>	13.13	
		<i>For 18" Rung Spacing, Deduct</i>	-1.19	
		<i>For Solid Bottom, Add</i>	34.79	
		<i>For Vented Trough Bottom, Add</i>	36.16	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	199.73	98.05
		<i>For 9" Rung Spacing, Add</i>	1.85	
		<i>For 6" Rung Spacing, Add</i>	7.91	
		<i>For 4" Rung Spacing, Add</i>	14.51	
		<i>For 18" Rung Spacing, Deduct</i>	-1.32	
		<i>For Solid Bottom, Add</i>	37.87	
		<i>For Vented Trough Bottom, Add</i>	39.47	

26 05 36 00-2565 Straight Reducers (26 05 36 00-2516)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 36 00-2566	EA			9"-6" Reducer, Fiberglass Cable Tray	50.68	21.00
				For 9" Rung Spacing, Add	0.67	
				For 6" Rung Spacing, Add	2.88	
				For 4" Rung Spacing, Add	5.27	
				For 18" Rung Spacing, Deduct	-0.48	
				For Solid Bottom, Add	10.48	
				For Vented Trough Bottom, Add	11.61	
26 05 36 00-2567	EA			12"-9" Reducer, Fiberglass Cable Tray.....	56.20	24.46
				For 9" Rung Spacing, Add	0.68	
				For 6" Rung Spacing, Add	2.92	
				For 4" Rung Spacing, Add	5.35	
				For 18" Rung Spacing, Deduct	-0.49	
				For Solid Bottom, Add	11.35	
				For Vented Trough Bottom, Add	12.38	
26 05 36 00-2568	EA			18"-12" Reducer, Fiberglass Cable Tray.....	61.71	28.03
				For 9" Rung Spacing, Add	0.69	
				For 6" Rung Spacing, Add	2.96	
				For 4" Rung Spacing, Add	5.42	
				For 18" Rung Spacing, Deduct	-0.49	
				For Solid Bottom, Add	12.21	
				For Vented Trough Bottom, Add	13.14	
26 05 36 00-2569	EA			24"-18" Reducer, Fiberglass Cable Tray.....	66.59	30.76
				For 9" Rung Spacing, Add	0.71	
				For 6" Rung Spacing, Add	3.06	
				For 4" Rung Spacing, Add	5.61	
				For 18" Rung Spacing, Deduct	-0.51	
				For Solid Bottom, Add	13.05	
				For Vented Trough Bottom, Add	13.93	
26 05 36 00-2570	EA			30"-24" Reducer, Fiberglass Cable Tray.....	74.20	33.60
				For 9" Rung Spacing, Add	0.83	
				For 6" Rung Spacing, Add	3.57	
				For 4" Rung Spacing, Add	6.55	
				For 18" Rung Spacing, Deduct	-0.60	
				For Solid Bottom, Add	14.70	
				For Vented Trough Bottom, Add	15.82	
26 05 36 00-2571	EA			36"-30" Reducer, Fiberglass Cable Tray.....	83.29	37.17
				For 9" Rung Spacing, Add	0.97	
				For 6" Rung Spacing, Add	4.15	
				For 4" Rung Spacing, Add	7.60	
				For 18" Rung Spacing, Deduct	-0.69	
				For Solid Bottom, Add	16.64	
				For Vented Trough Bottom, Add	18.02	

26 05 36 00-2572 Vertical Tees (26 05 36 00-2516)

26 05 36 00-2573	EA			6" Vertical Tee, Fiberglass Cable Tray	150.70	52.49
				For 9" Rung Spacing, Add	2.52	
				For 6" Rung Spacing, Add	10.79	
				For 4" Rung Spacing, Add	19.79	
				For 18" Rung Spacing, Deduct	-1.80	
				For Solid Bottom, Add	33.40	
				For Vented Trough Bottom, Add	38.63	
26 05 36 00-2574	EA			9" Vertical Tee, Fiberglass Cable Tray	156.83	56.06
				For 9" Rung Spacing, Add	2.55	
				For 6" Rung Spacing, Add	10.93	
				For 4" Rung Spacing, Add	20.03	
				For 18" Rung Spacing, Deduct	-1.82	
				For Solid Bottom, Add	34.45	
				For Vented Trough Bottom, Add	39.64	
26 05 36 00-2575	EA			12" Vertical Tee, Fiberglass Cable Tray	183.95	73.49
				For 9" Rung Spacing, Add	2.58	
				For 6" Rung Spacing, Add	11.06	
				For 4" Rung Spacing, Add	20.27	
				For 18" Rung Spacing, Deduct	-1.84	
				For Solid Bottom, Add	38.65	
				For Vented Trough Bottom, Add	43.27	
26 05 36 00-2576	EA			18" Vertical Tee, Fiberglass Cable Tray	199.66	82.63
				For 9" Rung Spacing, Add	2.65	
				For 6" Rung Spacing, Add	11.37	
				For 4" Rung Spacing, Add	20.84	
				For 18" Rung Spacing, Deduct	-1.89	
				For Solid Bottom, Add	41.31	
				For Vented Trough Bottom, Add	45.79	
26 05 36 00-2577	EA			24" Vertical Tee, Fiberglass Cable Tray	206.81	86.09
				For 9" Rung Spacing, Add	2.72	
				For 6" Rung Spacing, Add	11.65	
				For 4" Rung Spacing, Add	21.36	
				For 18" Rung Spacing, Deduct	-1.94	
				For Solid Bottom, Add	42.67	
				For Vented Trough Bottom, Add	47.21	
26 05 36 00-2578	EA			30" Vertical Tee, Fiberglass Cable Tray	215.92	91.02
				For 9" Rung Spacing, Add	2.78	
				For 6" Rung Spacing, Add	11.92	
				For 4" Rung Spacing, Add	21.85	
				For 18" Rung Spacing, Deduct	-1.99	
				For Solid Bottom, Add	44.30	
				For Vented Trough Bottom, Add	48.84	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray.....	234.74	98.05
		<i>For 9" Rung Spacing, Add</i>	3.07	
		<i>For 6" Rung Spacing, Add</i>	13.16	
		<i>For 4" Rung Spacing, Add</i>	24.13	
		<i>For 18" Rung Spacing, Deduct</i>	-2.19	
		<i>For Solid Bottom, Add</i>	48.38	
		<i>For Vented Trough Bottom, Add</i>	53.48	
26 05 39 Underfloor Raceways for Electrical Systems (26 05)				
26 05 39 00-0001 Underfloor Ducts (26 05 39)				
26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel (26 05 39 00-0001)				
26 05 39 00-0003 Standard Ducts, 3.8 Square Inches (26 05 39 00-0002)				
26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches.....	78.38	18.47
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches.....	97.82	21.63
26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches (26 05 39 00-0002)				
26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	126.70	23.41
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches.....	144.62	25.94
26 05 39 00-0009 Junction Boxes (26 05 39 00-0001)				
26 05 39 00-0010 One Level Junction Boxes (26 05 39 00-0009)				
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	193.70	36.74
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	218.08	39.37
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box.....	336.73	36.74
		Note: Isolate each duct and form a continuous raceway through the box in both directions.		
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	236.73	39.37
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	370.08	51.76
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	510.55	56.27
26 05 39 00-0017 Two Level Junction Boxes (26 05 39 00-0009)				
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level.....	752.13	37.17
		Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.		
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	863.59	39.37
26 05 39 00-0020 Elbow Fittings (26 05 39 00-0001)				
26 05 39 00-0021 90 Degree Horizontal Elbow (26 05 39 00-0020)				
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	92.25	13.54
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	94.81	13.54
26 05 39 00-0024 90 Degree Vertical Elbow (26 05 39 00-0020)				
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	54.94	13.54
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree.....	55.96	13.54
26 05 39 00-0027 Offset Elbow (26 05 39 00-0020)				
		Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	54.94	15.75
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	55.96	15.75
26 05 39 00-0030 Couplings (26 05 39 00-0001)				
26 05 39 00-0031 Sleeve Couplings (26 05 39 00-0030)				
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	38.63	21.00
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling.....	61.15	21.00
26 05 39 00-0034 Expansion Couplings (26 05 39 00-0030)				
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	80.24	21.00
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling.....	81.52	22.15
26 05 39 00-0037 Reducing Couplings (26 05 39 00-0030)				
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	67.11	3.15
26 05 39 00-0039 Duct Supports (26 05 39 00-0001)				
26 05 39 00-0040 Combination Support And Coupling (26 05 39 00-0039)				
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	89.19	44.10
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	99.92	44.10
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	110.74	44.10
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	99.92	49.35

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	121.80	49.35
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	110.74	52.49
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	110.74	52.49
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	121.80	52.49

26 05 39 00-0049 Duct Support Only (26 05 39 00-0039)

Note: Includes leveling legs and anchoring feet.

26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	79.52	38.85
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	93.39	38.85
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	108.04	38.85

26 05 39 00-0053 Underfloor Duct Accessories (26 05 39 00-0001)

26 05 39 00-0054 Plugs For Unused Junction Box Openings And Duct Ends (26 05 39 00-0053)

26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	23.62	3.15
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	24.17	3.15

26 05 39 00-0057 Conduit Adapters (26 05 39 00-0053)

26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	27.41	5.25
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	29.25	5.25
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	28.49	5.25
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	29.60	5.25

26 05 39 00-0062 Holders And Caps (26 05 39 00-0053)

26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories.....	185.32	44.10
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories.....	333.14	44.10
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	2.51	1.05

26 05 39 00-0066 Underfloor Dust Pans (26 05 39 00-0001)

26 05 39 00-0067	EA	Underfloor Dust Carpet Pan.....	73.44	5.75
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26 05 43 Underground Ducts And Raceways For Electrical Systems (26 05)

Note: Underground utilities and conduits include warning tape.

26 05 43 00-0001 Precast Concrete Trenches, One Piece Pedestrian Trench (26 05 43)

Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0002 10" Wide Pedestrian Trench (26 05 43 00-0001)

26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	57.04	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	54.79	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	79.21	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	76.08	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	40.36	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	48.91	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench.....	38.02	

26 05 43 00-0010 20" Wide Pedestrian Trench (26 05 43 00-0001)

26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	72.96	
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	68.97	
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	99.50	
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	95.86	
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	51.22	
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	74.52	
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench.....	47.55	

26 05 43 00-0018 30" Wide Pedestrian Trench (26 05 43 00-0001)

26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	94.87	
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	109.47	
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	118.32	
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	114.18	
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	74.01	
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	98.82	
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench.....	59.15	

26 05 43 00-0026 40" Wide Pedestrian Trench (26 05 43 00-0001)

26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	114.58	
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	110.82	
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	140.14	
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	135.54	
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	94.73	
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	126.38	
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench.....	70.28	

26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench (26 05 43)

Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 Electrical**26 05 Common Work Results For Electrical****26 05 43 Underground Ducts And Raceways For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 43 00-0035	10" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0036	LF Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench.....	68.11	
26 05 43 00-0037	LF Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench.....	65.18	
26 05 43 00-0038	LF Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench.....	94.56	
26 05 43 00-0039	LF Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench.....	90.52	
26 05 43 00-0040	EA End Wall, 10" Wide x 15" Deep Medium Vehicle Trench.....	46.50	
26 05 43 00-0041	EA End Wall, 10" Wide x 24" Deep Medium Vehicle Trench.....	55.36	
26 05 43 00-0042	LF Lid, Concrete 10" Wide Medium Vehicle Trench.....	45.39	
26 05 43 00-0043	LF Lid, Galvanized Steel 10" Wide Medium Vehicle Trench.....	188.53	
26 05 43 00-0044	20" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0045	LF Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench.....	86.46	
26 05 43 00-0046	LF Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench.....	81.32	
26 05 43 00-0047	LF Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench.....	117.30	
26 05 43 00-0048	LF Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench.....	112.61	
26 05 43 00-0049	EA End Wall, 20" Wide x 15" Deep Medium Vehicle Trench.....	58.34	
26 05 43 00-0050	EA End Wall, 20" Wide x 24" Deep Medium Vehicle Trench.....	84.99	
26 05 43 00-0051	LF Lid, Concrete 20" Wide Medium Vehicle Trench.....	56.77	
26 05 43 00-0052	LF Lid, Galvanized Steel 20" Wide Medium Vehicle Trench.....	249.81	
26 05 43 00-0053	30" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0054	LF Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench.....	90.77	
26 05 43 00-0055	LF Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench.....	106.62	
26 05 43 00-0056	LF Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench.....	138.58	
26 05 43 00-0057	LF Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench.....	133.24	
26 05 43 00-0058	EA End Wall, 30" Wide x 15" Deep Medium Vehicle Trench.....	83.82	
26 05 43 00-0059	EA End Wall, 30" Wide x 24" Deep Medium Vehicle Trench.....	113.35	
26 05 43 00-0060	LF Lid, Concrete 30" Wide Medium Vehicle Trench.....	70.82	
26 05 43 00-0061	LF Lid, Galvanized Steel 30" Wide Medium Vehicle Trench.....	311.69	
26 05 43 00-0062	40" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0063	LF Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench.....	133.00	
26 05 43 00-0064	LF Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench.....	128.14	
26 05 43 00-0065	LF Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench.....	162.73	
26 05 43 00-0066	LF Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench.....	156.77	
26 05 43 00-0067	EA End Wall, 40" Wide x 15" Deep Medium Vehicle Trench.....	107.30	
26 05 43 00-0068	EA End Wall, 40" Wide x 24" Deep Medium Vehicle Trench.....	144.93	
26 05 43 00-0069	LF Lid, Concrete 40" Wide Medium Vehicle Trench.....	83.78	
26 05 43 00-0070	LF Lid, Galvanized Steel 40" Wide Medium Vehicle Trench.....	423.32	
26 05 43 00-0071	Precast Concrete Trenches, One Piece H20 Road Crossing Trench (26 05 43)		
	Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0072	10" Wide H20 Road Crossing Trench (26 05 43 00-0071)		
26 05 43 00-0073	LF Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench.....	141.03	
26 05 43 00-0074	LF Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench.....	134.48	
26 05 43 00-0075	LF Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench.....	176.93	
26 05 43 00-0076	LF Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench.....	168.66	
26 05 43 00-0077	LF Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	135.63	
26 05 43 00-0078	LF Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	129.39	
26 05 43 00-0079	LF Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	171.53	
26 05 43 00-0080	LF Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	163.59	
26 05 43 00-0081	EA End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench.....	95.11	
26 05 43 00-0082	EA End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench.....	128.92	
26 05 43 00-0083	EA End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	86.54	
26 05 43 00-0084	EA End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	120.16	
26 05 43 00-0085	LF Lid, Concrete 10" Wide Road Crossing Trench.....	66.20	
26 05 43 00-0086	LF Lid, Galvanized Steel 10" Wide Road Crossing Trench.....	204.36	
26 05 43 00-0087	20" Wide H20 Road Crossing Trench (26 05 43 00-0071)		
26 05 43 00-0088	LF Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	151.28	
26 05 43 00-0089	LF Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	144.56	
26 05 43 00-0090	LF Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	201.03	
26 05 43 00-0091	LF Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	192.03	
26 05 43 00-0092	LF Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	151.28	
26 05 43 00-0093	LF Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	144.56	
26 05 43 00-0094	LF Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	195.63	
26 05 43 00-0095	LF Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	186.97	
26 05 43 00-0096	EA End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	135.62	
26 05 43 00-0097	EA End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	185.18	
26 05 43 00-0098	EA End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	123.14	
26 05 43 00-0099	EA End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	172.70	
26 05 43 00-0100	LF Lid, Concrete 20" Wide Road Crossing Trench.....	74.32	
26 05 43 00-0101	LF Lid, Galvanized Steel 20" Wide Road Crossing Trench.....	302.51	
26 05 43 00-0102	30" Wide H20 Road Crossing Trench (26 05 43 00-0071)		
26 05 43 00-0103	LF Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench.....	181.05	
26 05 43 00-0104	LF Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench.....	173.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	223.65
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	214.10
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	175.65
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	168.28
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	218.25
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	208.84
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	182.15
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	239.98
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	165.77
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	223.59
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	93.77
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	379.16

26 05 43 00-0117 40" Wide H20 Road Crossing Trench (26 05 43 00-0071)

26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	201.87
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	193.60
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	248.34
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	237.97
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	196.47
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	188.53
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	242.94
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	232.88
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	226.49
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	298.19
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	206.37
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	278.08
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	113.48
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	515.13

26 05 43 00-0132 Duct Bank (26 05 43)

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

26 05 43 00-0133 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank (26 05 43 00-0132)

Note: Includes appropriate spacers and fittings.

26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	24.62
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	49.27
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	50.15
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	100.58
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	73.70
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	148.36
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	223.45
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	134.54
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	268.14
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	414.39
26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	191.61
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	384.53
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	571.00

26 05 43 00-0147 Polyvinyl Chloride (PVC), Type EB Duct Bank System (26 05 43 00-0132)

Note: Includes appropriate spacers and fittings.

26 05 43 00-0148	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	6.72
26 05 43 00-0149	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.79
26 05 43 00-0150	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	28.38
26 05 43 00-0151	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.90
26 05 43 00-0152	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	17.77
26 05 43 00-0153	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	36.10
26 05 43 00-0154	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.88
26 05 43 00-0155	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	23.77
26 05 43 00-0156	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	47.59
26 05 43 00-0157	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	71.36
26 05 43 00-0158	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.98
26 05 43 00-0159	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	29.93
26 05 43 00-0160	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	57.94
26 05 43 00-0161	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	82.09
26 05 43 00-0162	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	26.68
26 05 43 00-0163	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	40.52
26 05 43 00-0164	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	81.23
26 05 43 00-0165	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	131.46

26 05 43 00-0166 Polyvinyl Chloride (PVC), Type DB Duct Bank System (26 05 43 00-0132)

Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	7.47
26 05 43 00-0168	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	16.34
26 05 43 00-0169	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	31.26
26 05 43 00-0170	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.24
26 05 43 00-0171	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	18.45

26 Electrical

26 05 Common Work Results For Electrical

26 05 43 Underground Ducts And Raceways For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 43 00-0172	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	36.77
26 05 43 00-0173	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	12.15
26 05 43 00-0174	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	24.32
26 05 43 00-0175	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	48.68
26 05 43 00-0176	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	72.99
26 05 43 00-0177	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	15.39
26 05 43 00-0178	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	30.75
26 05 43 00-0179	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	59.58
26 05 43 00-0180	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	84.56
26 05 43 00-0181	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	27.25
26 05 43 00-0182	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	41.70
26 05 43 00-0183	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	83.59
26 05 43 00-0184	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	135.00

26 05 43 00-0185 Male Or Female Adapters (26 05 43 00-0132)

26 05 43 00-0186	EA	2" Adapter.....	35.68
26 05 43 00-0187	EA	3" Adapter.....	50.74
26 05 43 00-0188	EA	4" Adapter.....	65.32
26 05 43 00-0189	EA	5" Adapter.....	97.87
26 05 43 00-0190	EA	6" Adapter.....	121.53

26 05 46 Utility Poles for Electrical Systems (26 05)

26 05 46 00-0001 Wood Poles (26 05 46)

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention (26 05 46 00-0001)

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set.....	818.52	265.22
		For Class 1 Pole, Add	100.80	
		For Class 2 Pole, Add	57.60	
		For Class 4 Pole, Deduct	-28.80	
		For Class 5 Pole, Deduct	-86.40	
		For Class 6 Pole, Deduct	-115.20	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set.....	979.57	294.26
		For Class 1 Pole, Add	136.85	
		For Class 2 Pole, Add	78.20	
		For Class 4 Pole, Deduct	-39.10	
		For Class 5 Pole, Deduct	-117.30	
		For Class 6 Pole, Deduct	-156.40	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,269.96	389.18
		For Class 1 Pole, Add	172.09	
		For Class 2 Pole, Add	98.34	
		For Class 4 Pole, Deduct	-49.17	
		For Class 5 Pole, Deduct	-147.51	
		For Class 6 Pole, Deduct	-196.68	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,453.15	428.06
		For Class 1 Pole, Add	208.97	
		For Class 2 Pole, Add	119.41	
		For Class 4 Pole, Deduct	-59.71	
		For Class 5 Pole, Deduct	-179.12	
		For Class 6 Pole, Deduct	-238.82	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,660.72	476.77
		For Class 1 Pole, Add	247.49	
		For Class 2 Pole, Add	141.42	
		For Class 4 Pole, Deduct	-70.71	
		For Class 5 Pole, Deduct	-212.13	
		For Class 6 Pole, Deduct	-282.84	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,889.60	535.08
		For Class 1 Pole, Add	286.82	
		For Class 2 Pole, Add	163.90	
		For Class 4 Pole, Deduct	-81.95	
		For Class 5 Pole, Deduct	-245.84	
		For Class 6 Pole, Deduct	-327.79	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,113.68	588.53
		For Class 1 Pole, Add	327.79	
		For Class 2 Pole, Add	187.31	
		For Class 4 Pole, Deduct	-93.66	
		For Class 5 Pole, Deduct	-280.97	
		For Class 6 Pole, Deduct	-374.62	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,362.11	647.17
		For Class 1 Pole, Add	373.68	
		For Class 2 Pole, Add	213.53	
		For Class 4 Pole, Deduct	-106.77	
		For Class 5 Pole, Deduct	-320.30	
		For Class 6 Pole, Deduct	-427.07	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set.....	3,870.88	705.38
		For Class 1 Pole, Add	861.03	
		For Class 2 Pole, Add	492.02	
		For Class 4 Pole, Deduct	-246.01	
		For Class 5 Pole, Deduct	-738.03	
		For Class 6 Pole, Deduct	-984.04	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,251.01	750.35
		For Class 1 Pole, Add	962.60	
		For Class 2 Pole, Add	550.06	
		For Class 4 Pole, Deduct	-275.03	
		For Class 5 Pole, Deduct	-825.09	
		For Class 6 Pole, Deduct	-1,100.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0013 EA 75' Treated Wood Pole, Class 3, Machine Dig And Set..... <i>For Class 1 Pole, Add</i> <i>For Class 2 Pole, Add</i> <i>For Class 4 Pole, Deduct</i> <i>For Class 5 Pole, Deduct</i> <i>For Class 6 Pole, Deduct</i>	4,673.07 1,074.56 614.03 -307.02 -921.05 -1,228.07	801.43
26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm <small>(26 05 46 00-0001)</small>		
26 05 46 00-0015 LF Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	22.60	
26 05 46 00-0016 Crossarms <small>(26 05 46)</small> Note: Includes hardware and braces.		
26 05 46 00-0017 Wood Single Arm Crossarms <small>(26 05 46 00-0016)</small>		
26 05 46 00-0018 EA 3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	182.39	79.10
26 05 46 00-0019 EA 3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	221.61	79.10
26 05 46 00-0020 EA 3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	233.28	101.70
26 05 46 00-0021 Wood Double Arm Crossarms <small>(26 05 46 00-0016)</small>		
26 05 46 00-0022 EA 3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	473.68	220.36
26 05 46 00-0023 EA 3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	503.27	220.36
26 05 46 00-0024 EA 3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	525.05	220.36
26 05 46 00-0025 Fiberglass Crossarms <small>(26 05 46 00-0016)</small> Note: Includes hardware.		
26 05 46 00-0026 Single Phase, 15 Degree Angle <small>(26 05 46 00-0025)</small>		
26 05 46 00-0027 EA Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	194.63	
26 05 46 00-0028 EA Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	249.36	47.46
26 05 46 00-0029 EA Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	260.66	50.86
26 05 46 00-0030 Two Phase, 15 Degree Angle <small>(26 05 46 00-0025)</small>		
26 05 46 00-0031 EA Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	312.24	61.03
26 05 46 00-0032 Fiberglass Crossarm Accessories <small>(26 05 46 00-0025)</small>		
26 05 46 00-0033 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	466.71	77.97
26 05 46 00-0034 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	555.58	94.92
26 05 46 00-0035 EA Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	81.16	13.56
26 05 46 00-0036 EA Three Phase Equipment Mounting Bracket	405.83	67.80
26 05 46 00-0037 EA Fiberglass Bull Horn Crossarm	333.90	113.01
26 05 46 00-0038 Insulator Support System <small>(26 05 46 00-0016)</small>		
26 05 46 00-0039 Epoxy Construction Units, In Place Mounting <small>(26 05 46 00-0038)</small> Note: Includes hardware.		
26 05 46 00-0040 EA 1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	100.45	
26 05 46 00-0041 EA 1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	79.09	
26 05 46 00-0042 EA Deadend Arms, In Place Mounting	203.70	
26 05 46 00-0043 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	155.25	
26 05 46 00-0044 Epoxy Construction Units, Grounding Mounting <small>(26 05 46 00-0038)</small> Note: Includes hardware.		
26 05 46 00-0045 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	67.75	
26 05 46 00-0046 EA 1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	57.29	
26 05 46 00-0047 EA Deadend Arms, Grounding Mounting	181.90	
26 05 46 00-0048 Guying <small>(26 05 46)</small> Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049 Down Guy <small>(26 05 46 00-0048)</small>		
26 05 46 00-0050 EA Down Guy For 25' To 40' Pole	746.99	316.42
26 05 46 00-0051 EA Down Guy For 45' To 60' Pole	758.01	316.42
26 05 46 00-0052 EA Down Guy For 65' To 75' Pole	780.69	316.42
26 05 46 00-0053 EA Guy Guard, Plastic	26.17	
26 05 46 00-0054 Head Guy, 50' Spans <small>(26 05 46 00-0048)</small>		
26 05 46 00-0055 EA Head Guy (50' Span), For 25' To 40' Pole	1,093.72	485.92
26 05 46 00-0056 EA Head Guy (50' Span), For 45' To 60' Pole	1,093.72	485.92
26 05 46 00-0057 EA Head Guy (50' Span), For 65' To 75' Pole	1,093.72	485.92
26 05 46 00-0058 Guy Strain Insulators Additional Insulators <small>(26 05 46 00-0048)</small> Note: As required at same material cost and labor.		
26 05 46 00-0059 EA Guy Strain Insulator	477.79	237.31

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
26 05 46 00-0060					Pole Anchor (26 05 46 00-0048) Note: Joslyn.		
26 05 46 00-0061	EA				Pole Anchor, 4" Helix, 3/4" x 54" Shaft.....	48.16	23.48
26 05 46 00-0062	EA				Pole Anchor, 6" Helix, 3/4" x 66" Shaft.....	53.57	23.48
26 05 46 00-0063	EA				Pole Anchor, 8" Helix, 1" x 66" Shaft.....	69.94	26.41
26 05 46 00-0064	EA				Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft.....	95.90	29.35
26 05 46 00-0065	EA				Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft.....	109.17	32.28
26 05 46 00-0066	EA				Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft.....	172.77	44.02
26 05 46 00-0067					Insulators (26 05 46)		
26 05 46 00-0068					Pin Insulator With Pin (26 05 46 00-0067)		
26 05 46 00-0069	EA				5 KV Class 55-3, Pin Insulator With Pin.....	154.47	67.80
26 05 46 00-0070	EA				15 KV Class 55-5, Pin Insulator With Pin.....	160.50	67.80
26 05 46 00-0071					Suspension Insulator (26 05 46 00-0067) Note: Includes clevis and strain clamp.		
26 05 46 00-0072	EA				5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp.....	198.56	90.40
26 05 46 00-0073	EA				15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	214.96	90.40
26 05 46 00-0074	EA				25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	306.35	113.01
26 05 46 00-0075	EA				50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	491.92	180.81
26 05 46 00-0076					Spool Insulator With Clevis (26 05 46 00-0067)		
26 05 46 00-0077	EA				5 KV Class 53-5, Spool Insulator With Clevis.....	66.12	28.25
26 05 46 00-0078	EA				15 KV Class, Spool Insulator With Clevis.....	213.57	101.70
26 05 46 00-0079	EA				25 KV Class, Spool Insulator With Clevis.....	276.54	101.70
26 05 46 00-0080					Secondary Rack (26 05 46 00-0067)		
26 05 46 00-0081	EA				1 Spool Secondary Rack.....	131.05	56.50
26 05 46 00-0082	EA				2 Spool Secondary Rack.....	136.35	72.10
26 05 46 00-0083	EA				3 Spool Secondary Rack.....	203.96	96.06
26 05 46 00-0084	EA				4 Spool Secondary Rack.....	228.59	96.06
26 05 46 00-0085					Outdoor Load Break Switches (26 05 46) Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0086					7.2 KV Outdoor Load Break Switches (26 05 46 00-0085)		
26 05 46 00-0087	EA				600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	4,052.23	384.22
26 05 46 00-0088	EA				1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	7,957.04	384.22
26 05 46 00-0089	EA				1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	11,853.04	649.77
26 05 46 00-0090	EA				2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	12,086.70	649.77
26 05 46 00-0091					14.4 KV Outdoor Load Break Switches (26 05 46 00-0085)		
26 05 46 00-0092	EA				600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	4,955.99	384.22
26 05 46 00-0093	EA				1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	9,407.46	384.22
26 05 46 00-0094	EA				1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	11,853.04	649.77
26 05 46 00-0095	EA				2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	12,086.70	649.77
26 05 46 00-0096					23 KV Outdoor Load Break Switches (26 05 46 00-0085)		
26 05 46 00-0097	EA				600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	5,463.63	446.37
26 05 46 00-0098	EA				1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	10,292.87	446.37
26 05 46 00-0099	EA				1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	12,380.35	768.43
26 05 46 00-0100	EA				2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	12,621.67	768.43
26 05 46 00-0101					Square Distribution Poles (26 05 46)		
26 05 46 00-0102					Square Steel Tapered Shaft Distribution Poles (26 05 46 00-0101)		
26 05 46 00-0103	EA				20', Steel Taped Shaft Distribution Pole.....	2,495.13	480.27
26 05 46 00-0104	EA				25', Steel Taped Shaft Distribution Pole.....	2,791.70	508.52
26 05 46 00-0105	EA				30', Steel Taped Shaft Distribution Pole.....	3,034.43	565.02
26 05 46 00-0106	EA				35', Steel Taped Shaft Distribution Pole.....	3,355.86	621.53
26 05 46 00-0107	EA				40', Steel Taped Shaft Distribution Pole.....	4,480.23	678.03
26 05 46 00-0108					Square Prestressed Concrete Distribution Poles (26 05 46 00-0101)		
26 05 46 00-0109	EA				30', Prestressed Concrete Square Pole For Distribution.....	4,241.04	864.33
26 05 46 00-0110	EA				35', Prestressed Concrete Square Pole For Distribution.....	4,788.13	947.97
26 05 46 00-0111	EA				40', Prestressed Concrete Square Pole For Distribution.....	5,616.40	1,059.50
26 05 46 00-0112	EA				45', Prestressed Concrete Square Pole For Distribution.....	6,327.93	1,171.03
26 05 46 00-0113	EA				50', Prestressed Concrete Square Pole For Distribution.....	5,220.18	1,421.96
26 05 46 00-0114	EA				55', Prestressed Concrete Square Pole For Distribution.....	8,924.32	1,672.90
26 05 46 00-0115	EA				60', Prestressed Concrete Square Pole For Distribution.....	10,526.81	1,895.94
26 05 46 00-0116	EA				65', Prestressed Concrete Square Pole For Distribution.....	12,708.11	2,342.05
26 05 46 00-0117	EA				70', Prestressed Concrete Square Pole For Distribution.....	14,233.08	2,565.11

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 46 00-0118	Aluminum Tapered Poles (26 05 46)		
26 05 46 00-0119	Aluminum Tapered Round Seamless Shaft Poles (26 05 46 00-0118)		
26 05 46 00-0120	EA 20', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	2,406.05	423.77
26 05 46 00-0121	EA 25', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,321.29	452.01
26 05 46 00-0122	EA 30', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,815.45	508.52
26 05 46 00-0123	EA 35', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	4,511.07	565.02
26 05 46 00-0124	EA 40', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	6,738.19	621.53

26 05 46 00-0125	Steel Service Poles Distribution (26 05 46)		
	Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0126	Round Tapered Pole (26 05 46 00-0125)		
26 05 46 00-0127	EA 40', Galvanized Steel Tapered Round Pole For Distribution.....	3,413.94	678.03
26 05 46 00-0128	EA 45', Galvanized Steel Tapered Round Pole For Distribution.....	3,941.58	734.53
26 05 46 00-0129	EA 50', Galvanized Steel Tapered Round Pole For Distribution.....	4,203.50	791.03
26 05 46 00-0130	EA 55', Galvanized Steel Tapered Round Pole For Distribution.....	4,937.83	904.04
26 05 46 00-0131	EA 60', Galvanized Steel Tapered Round Pole For Distribution.....	6,060.08	1,017.04
26 05 46 00-0132	EA 65', Galvanized Steel Tapered Round Pole For Distribution.....	7,237.26	1,310.44
26 05 46 00-0133	EA 70', Galvanized Steel Tapered Round Pole For Distribution.....	8,071.07	1,486.64
26 05 46 00-0134	EA 75', Galvanized Steel Tapered Round Pole For Distribution.....	8,930.65	1,672.90
26 05 46 00-0135	EA 80', Galvanized Steel Tapered Round Pole For Distribution.....	10,039.60	1,895.94
26 05 46 00-0136	EA 85', Galvanized Steel Tapered Round Pole For Distribution.....	10,722.26	2,007.48
26 05 46 00-0137	EA 90', Galvanized Steel Tapered Round Pole For Distribution.....	11,663.98	2,230.53
26 05 46 00-0138	EA 95', Galvanized Steel Tapered Round Pole For Distribution.....	12,835.86	2,509.34
26 05 46 00-0139	EA 100', Galvanized Steel Tapered Round Pole For Distribution.....	14,217.62	2,843.93

26 05 46 00-0140	12 Sided Tapered (26 05 46 00-0125)		
26 05 46 00-0141	EA 40', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	5,619.60	678.03
26 05 46 00-0142	EA 45', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	6,195.03	734.53
26 05 46 00-0143	EA 50', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	6,850.41	791.03
26 05 46 00-0144	EA 55', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	7,542.95	904.04
26 05 46 00-0145	EA 60', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	9,940.96	1,017.04
26 05 46 00-0146	EA 65', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	11,142.01	1,310.44
26 05 46 00-0147	EA 70', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	12,893.85	1,486.64
26 05 46 00-0148	EA 75', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	13,905.44	1,672.90
26 05 46 00-0149	EA 80', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	15,008.15	1,895.94
26 05 46 00-0150	EA 85', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	15,902.77	2,007.48
26 05 46 00-0151	EA 90', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	18,033.76	2,230.53
26 05 46 00-0152	EA 95', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	19,187.78	2,509.34
26 05 46 00-0153	EA 100', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	20,611.25	2,843.93
26 05 46 00-0154	EA 105', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	22,124.88	3,178.50

26 05 46 00-0155	Standard Options For Round, 12 Sided and Octagonal Tapered Poles (26 05 46 00-0125)		
26 05 46 00-0156	EA Ladder Clips.....	19.22	
26 05 46 00-0157	EA Coal Tar Epoxy Coating From Base To 1' Above Ground Line.....	144.21	
26 05 46 00-0158	EA Ground Sleeve-2' At Ground Line.....	145.05	

26 05 46 00-0159	Arms With Baseplates And Endplates (26 05 46 00-0125)		
26 05 46 00-0160	EA 4' Arm With Baseplate And Endplate.....	546.74	113.01
26 05 46 00-0161	EA 5' Arm With Baseplate And Endplate.....	590.23	113.01
26 05 46 00-0162	EA 6' Arm With Baseplate And Endplate.....	747.59	169.50
26 05 46 00-0163	EA 7' Arm With Baseplate And Endplate.....	785.63	169.50
26 05 46 00-0164	EA 8' Arm With Baseplate And Endplate.....	941.27	226.01
26 05 46 00-0165	EA 9' Arm With Baseplate And Endplate.....	984.73	226.01
26 05 46 00-0166	EA 10' Arm With Baseplate And Endplate.....	1,298.90	282.51
26 05 46 00-0167	EA 11' Arm With Baseplate And Endplate.....	1,347.70	282.51

26 05 46 00-0168	Standard Vangs Load Bearing At Any Angle (26 05 46 00-0125)		
26 05 46 00-0169	EA 15,000 LB Standard Vangs Load Bearing At Any Angle.....	261.88	113.01
26 05 46 00-0170	EA 30,000 LB Standard Vangs Load Bearing At Any Angle.....	288.52	113.01
26 05 46 00-0171	EA 45,000 LB Standard Vangs Load Bearing At Any Angle.....	324.95	113.01

26 05 46 00-0172	Armless Construction Brackets (26 05 46 00-0125)		
26 05 46 00-0173	Verticals Insulator And Equipment Bracket (26 05 46 00-0172)		
26 05 46 00-0174	EA 7" 1 Position Vertical Insulation And Equipment Bracket.....	266.22	113.01
26 05 46 00-0175	EA 12" 1 Position Vertical Insulation And Equipment Bracket.....	283.04	113.01
26 05 46 00-0176	EA 12" 3 Position Vertical Insulation And Equipment Bracket.....	310.37	113.01
26 05 46 00-0177	EA 18" 1 Position Vertical Insulation And Equipment Bracket.....	441.42	169.50
26 05 46 00-0178	EA 18" 3 Position Vertical Insulation And Equipment Bracket.....	457.38	169.50

26 05 46 00-0179	Horizontal And Multiple Insulator Brackets (26 05 46 00-0172)		
26 05 46 00-0180	EA Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets.....	253.12	113.01
26 05 46 00-0181	EA Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets.....	288.47	113.01
26 05 46 00-0182	EA Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets.....	424.30	169.50
26 05 46 00-0183	EA Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets.....	507.72	169.50

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	655.32	226.01
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	699.60	226.01
26 05 46 00-0186		Pole Top Bracket And Pins <small>(26 05 46 00-0172)</small>		
26 05 46 00-0187	EA	Pole Top Pin - 5"	258.25	113.01
26 05 46 00-0188	EA	Pole Top Bracket - 5"	266.83	113.01
26 05 46 00-0189		Angle Pins <small>(26 05 46 00-0172)</small>		
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	257.09	113.01
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	284.97	113.01
26 05 46 00-0192		Static And Neutral Wire Brackets <small>(26 05 46 00-0172)</small>		
26 05 46 00-0193	EA	Neutral Wire Extension Bracket	267.97	113.01
26 05 46 00-0194	EA	Static Wire Support Bracket	270.98	113.01
26 05 46 00-0195		Cutout, Arrestor And Terminator Brackets <small>(26 05 46 00-0172)</small>		
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	254.62	113.01
26 05 46 00-0197	EA	Equipment Mounting T Bracket	273.34	113.01
26 05 46 00-0198	EA	15 KV Cutout	359.03	
26 05 46 00-0199	EA	9/10 KV Arrestor	332.70	113.01
26 05 46 00-0200		Spacer Cable, Conduit Support And Cluster Bracket <small>(26 05 46 00-0172)</small>		
26 05 46 00-0201	EA	Parallel Cable Spacer	289.56	113.01
26 05 46 00-0202	EA	Conduit Standoff Support Bracket	279.96	113.01
26 05 46 00-0203	EA	Three Transformer Pole Mounted Cluster Bracket	612.90	113.01
26 05 46 00-0204		15 KV, 200 Amperes, Solenoid Operated High Voltage Switch <small>(26 05 46 00-0172)</small>		
		Note: Includes pole mounting bracket.		
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	1,725.39	282.51
26 05 46 00-0206		Octagonal Tapered <small>(26 05 46 00-0125)</small>		
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	5,783.53	678.03
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	6,376.85	734.53
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	7,053.10	791.03
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	7,763.52	960.54
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	10,244.99	1,017.04
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	11,469.89	1,310.44
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	13,275.38	1,394.08
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	14,312.31	1,672.90
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	15,438.86	1,784.42
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	16,358.82	2,007.48
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	18,553.89	2,119.00
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	19,734.74	2,509.34
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	21,185.04	2,676.64
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	22,728.48	3,011.22
26 05 46 00-0221		Removal And Relocation Of Steel Service Poles <small>(26 05 46 00-0125)</small>		
26 05 46 00-0222	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	39.54	
26 05 46 00-0223		Special Steel Bases For Poles <small>(26 05 46 00-0125)</small>		
26 05 46 00-0224	EA	Spin-In Steel Base For Poles	201.32	
26 05 46 00-0225	EA	Series 3, 25' Pole And less	219.95	56.50
26 05 46 00-0226	EA	Series 4, 40' Pole And less	260.65	64.98
26 05 46 00-0227	EA	Series 5, 50' Pole And less	295.73	70.62
26 05 46 00-0228		Primary Fuse Cutouts <small>(26 05 46)</small>		
		Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 05 46 00-0229		Non-Loadbreak Current Limiting Primary Fuse Cutouts <small>(26 05 46 00-0228)</small>		
		Note: Includes the fuse and cut-out switch.		
26 05 46 00-0230		8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 05 46 00-0229)</small>		
26 05 46 00-0231	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	571.29	282.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	135.60	
26 05 46 00-0232	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	684.30	282.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	169.51	
26 05 46 00-0233	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	796.93	282.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.30	
26 05 46 00-0234	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	808.45	282.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.42	
26 05 46 00-0235	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	808.45	282.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.42	
26 05 46 00-0236		17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 05 46 00-0229)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0237 EA 15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	571.29 135.60	226.01
26 05 46 00-0238 17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting (26 05 46 00-0229)		
26 05 46 00-0239 EA 15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	586.33 135.60	226.01
26 05 46 00-0240 Fuseholders (26 05 46 00-0229) Note: Including current limiting fuse.		
26 05 46 00-0241 EA 15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	507.89 135.60	282.51
26 05 46 00-0242 EA 25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	620.90 169.51	282.51
26 05 46 00-0243 EA 40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	733.53 203.30	282.51
26 05 46 00-0244 EA 100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	513.10 135.60	282.51
26 05 46 00-0245 EA 200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	626.11 169.51	282.51
26 05 46 00-0246 EA 15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	507.89 135.60	226.01
26 05 46 00-0247 Accessories (26 05 46 00-0229)		
26 05 46 00-0248 EA Hot Line Clamp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.02 16.95	25.42
26 05 46 00-0249 EA Stirrup	76.80	25.42
26 05 46 00-0250 Loadbreak Current Limiting Primary Fuse Cutouts (26 05 46 00-0228) Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 05 46 00-0251 8.3 KV-95 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)		
26 05 46 00-0252 EA 15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	688.42 135.60	282.51
26 05 46 00-0253 EA 25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	801.43 169.51	282.51
26 05 46 00-0254 EA 40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	914.06 203.30	282.51
26 05 46 00-0255 EA 100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	936.50 203.42	282.51
26 05 46 00-0256 EA 200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	936.50 203.42	282.51
26 05 46 00-0257 17.1 KV-95 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)		
26 05 46 00-0258 EA 15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	688.42 135.60	226.01
26 05 46 00-0259 17.1 KV-125 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)		
26 05 46 00-0260 EA 15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	688.42 135.60	226.01
26 05 46 00-0261 Fuseholders (26 05 46 00-0250) Note: Includes current limiting fuses.		
26 05 46 00-0262 EA 15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	513.26 135.60	282.51
26 05 46 00-0263 EA 25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	626.27 169.51	282.51
26 05 46 00-0264 EA 40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	738.90 203.30	282.51
26 05 46 00-0265 EA 15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	513.26 135.60	282.51
26 05 46 00-0266 Pole Mounted Capacitors (26 05 46 00-0250)		
26 05 46 00-0267 EA Capacitors - Pole Mounted 6 KVAR.....	1,123.25	227.82
26 05 46 00-0268 Pole Structure Assemblies (26 05 46 00-0228)		
26 05 46 00-0269 5 KV Pole Structure Assemblies (26 05 46 00-0268) Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0270 EA Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	450.07	214.71
26 05 46 00-0271 EA Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	753.57	361.62
26 05 46 00-0272 EA Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	778.21	282.51
26 05 46 00-0273 EA Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	431.82	146.90
26 05 46 00-0274 EA Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	560.48	203.41
26 05 46 00-0275 EA Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,013.49	406.82
26 05 46 00-0276 EA Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	785.05	305.11
26 05 46 00-0277 EA Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,473.95	610.22
26 05 46 00-0278 EA Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,668.98	689.33

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 46 00-0279	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	891.20	339.02
26 05 46 00-0280	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	800.85	361.62
26 05 46 00-0281	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,540.07	734.53
26 05 46 00-0282	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,100.53	440.72
26 05 46 00-0283	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	711.63	316.42
26 05 46 00-0284	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,373.82	644.13
26 05 46 00-0285	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,007.38	327.71

26 05 46 00-0286 15 KV Pole Structure Assemblies (26 05 46 00-0286)

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0287	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	465.11	214.71
26 05 46 00-0288	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	775.06	361.62
26 05 46 00-0289	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	851.28	282.51
26 05 46 00-0290	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	457.61	146.90
26 05 46 00-0291	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	597.01	192.11
26 05 46 00-0292	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,086.56	406.82
26 05 46 00-0293	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	838.78	305.11
26 05 46 00-0294	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,583.56	610.22
26 05 46 00-0295	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,817.27	689.33
26 05 46 00-0296	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	964.27	339.02
26 05 46 00-0297	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	828.79	361.62
26 05 46 00-0298	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,568.01	734.53
26 05 46 00-0299	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,156.40	440.72
26 05 46 00-0300	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	739.57	305.11
26 05 46 00-0301	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,401.76	644.13
26 05 46 00-0302	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,063.25	395.52

26 05 46 00-0303 25 KV Pole Structure Assemblies (26 05 46 00-0268)

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0304	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,220.02	339.02
26 05 46 00-0305	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	723.81	169.50
26 05 46 00-0306	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,054.46	259.91
26 05 46 00-0307	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,505.85	531.12
26 05 46 00-0308	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,363.91	395.52
26 05 46 00-0309	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,297.99	779.74
26 05 46 00-0310	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,273.68	881.44
26 05 46 00-0311	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,540.24	514.17
26 05 46 00-0312	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,363.05	514.17

26 05 46 00-0313 50 KV Pole Structure Assemblies (26 05 46 00-0268)

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0314	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,639.55	463.32
26 05 46 00-0315	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	880.59	237.31
26 05 46 00-0316	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,168.15	372.91
26 05 46 00-0317	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,224.55	757.13
26 05 46 00-0318	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,697.43	565.02
26 05 46 00-0319	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	3,289.54	1,130.05
26 05 46 00-0320	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	3,839.39	1,254.35
26 05 46 00-0321	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,938.17	610.22
26 05 46 00-0322	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,012.17	706.28
26 05 46 00-0323	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,929.08	666.73

26 05 46 00-0324 Overhead To Underground Conversion Structures (26 05 46 00-0228)

Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.

26 05 46 00-0325 5 KV Structures (26 05 46 00-0324)

Note: Excludes pole.

26 05 46 00-0326	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,299.57	2,260.09
26 05 46 00-0327	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,299.57	2,260.09
26 05 46 00-0328	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,299.57	2,260.09
26 05 46 00-0329	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,299.57	2,260.09

26 05 46 00-0330 15 KV Structures (26 05 46 00-0324)

Note: Excludes pole.

26 05 46 00-0331	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,400.69	2,260.09
26 05 46 00-0332	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,400.69	2,260.09
26 05 46 00-0333	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,400.69	2,260.09
26 05 46 00-0334	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,400.69	2,260.09

26 05 46 00-0335 25 KV Structures (26 05 46 00-0324)

Note: Excludes pole.

26 05 46 00-0336	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,511.01	2,260.09
26 05 46 00-0337	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,511.01	2,260.09
26 05 46 00-0338	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,511.01	2,260.09
26 05 46 00-0339	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles.....	4,511.01	2,260.09

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 46 00-0340	Transformer Stations <small>(26 05 46 00-0228)</small> Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0341	5 KV Station <small>(26 05 46 00-0340)</small>		
26 05 46 00-0342	EA (Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole.....	5,880.75	3,011.85
26 05 46 00-0343	EA (Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole.....	6,602.05	3,389.46
26 05 46 00-0344	EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole.....	7,323.36	3,766.82
26 05 46 00-0345	EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole.....	7,323.36	3,766.82
26 05 46 00-0346	EA (Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole.....	5,880.75	3,011.85
26 05 46 00-0347	15 KV Stations <small>(26 05 46 00-0340)</small>		
26 05 46 00-0348	EA (Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole.....	5,981.88	3,011.85
26 05 46 00-0349	EA (Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole.....	6,703.18	3,389.46
26 05 46 00-0350	EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole.....	7,424.48	3,766.82
26 05 46 00-0351	EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole.....	7,424.48	3,766.82
26 05 46 00-0352	EA (Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole.....	5,981.88	3,011.85
26 05 46 00-0353	25 KV Stations <small>(26 05 46 00-0340)</small>		
26 05 46 00-0354	EA (Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole.....	6,092.19	3,011.85
26 05 46 00-0355	EA (Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole.....	6,813.49	3,389.46
26 05 46 00-0356	EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole.....	7,534.79	3,766.82
26 05 46 00-0357	EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole.....	7,534.79	3,766.82
26 05 46 00-0358	EA (Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole.....	6,092.19	3,011.85

26 05 53 Identification for Electrical Systems (26 05)

26 05 53 00-0001	Conduit Markers Pressure-Sensitive <small>(26 05 53)</small> Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA 1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	10.90	
26 05 53 00-0003	EA 3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.43	
26 05 53 00-0004	EA 1" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.48	
26 05 53 00-0005	EA 1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.69	
26 05 53 00-0006	EA 1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.90	
26 05 53 00-0007	EA 2" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.22	
26 05 53 00-0008	EA 2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.00	
26 05 53 00-0009	EA 3" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.41	
26 05 53 00-0010	EA 3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.73	
26 05 53 00-0011	EA 4" Outside Diameter Pressure Sensitive Marker Stick-on.....	16.05	
26 05 53 00-0012	EA 4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	16.70	
26 05 53 00-0013	EA 5" Outside Diameter Pressure Sensitive Marker Stick-on.....	17.41	
26 05 53 00-0014	EA 6" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.03	
26 05 53 00-0015	EA 7" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.65	
26 05 53 00-0016	EA 8" Outside Diameter Pressure Sensitive Marker Stick-on.....	20.16	
26 05 53 00-0017	EA 10" Outside Diameter Pressure Sensitive Marker Stick-on.....	21.31	
26 05 53 00-0018	Labeling Electrical Wires <small>(26 05 53)</small> Note: Self-adhesive vinyl coated white cloth		
26 05 53 00-0019	EA Labeling Wire.....	3.22	
26 05 53 00-0020	Equipment Labeling <small>(26 05 53)</small>		
26 05 53 00-0021	EA Label Both Ends Of One 4 Pair Cable.....	20.67	
26 05 53 00-0022	EA Label single gang face plate (2 labels required).....	16.53	
26 05 53 00-0023	EA Label two gang face plate (4 labels required).....	24.80	
26 05 53 00-0024	EA Label both ends of a Siamese (dual 4 Pair cable).....	20.67	

26 05 83 Wiring Connections (26 05)

26 05 83 00-0001	Tape Wrapped Compression Connectors <small>(26 05 83)</small>		
26 05 83 00-0002	EA #6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	13.81	4.73
26 05 83 00-0003	EA #4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	15.12	5.25
26 05 83 00-0004	EA #2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	16.33	5.77
26 05 83 00-0005	EA 1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	18.85	6.30
26 05 83 00-0006	EA 2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	20.28	6.82
26 05 83 00-0007	EA 3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	22.47	7.35
26 05 83 00-0008	EA 4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	24.08	7.87
26 05 83 00-0009	EA 250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	26.21	8.39
26 05 83 00-0010	EA 300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	29.01	9.45
26 05 83 00-0011	EA 350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	30.45	9.98
26 05 83 00-0012	EA 400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	33.81	10.50
26 05 83 00-0013	EA 500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	36.75	11.02
26 05 83 00-0014	EA 750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	41.03	12.07
26 05 83 00-0015	EA 1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	47.57	13.64
26 05 83 00-0016	One Hole Compression Lugs <small>(26 05 83)</small>		
26 05 83 00-0017	EA #22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	18.08	13.64

26 Electrical**26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0018	EA		#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	18.20	13.64
26 05 83 00-0019	EA		#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	20.58	14.70
26 05 83 00-0020	EA		#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	25.46	16.27
26 05 83 00-0021	EA		#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	35.77	21.00
26 05 83 00-0022	EA		#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	41.90	21.00
26 05 83 00-0023	EA		#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	48.22	21.00
26 05 83 00-0024	EA		1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	59.39	31.50
26 05 83 00-0025	EA		2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	69.61	31.50
26 05 83 00-0026	EA		3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	81.46	31.50
26 05 83 00-0027	EA		4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	98.22	41.99
26 05 83 00-0028	EA		250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	116.49	62.99
26 05 83 00-0029	EA		300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	133.26	62.99
26 05 83 00-0030	EA		350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	143.23	62.99
26 05 83 00-0031	EA		400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	155.99	73.49
26 05 83 00-0032	EA		500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	170.53	73.49
26 05 83 00-0033	EA		750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	185.33	83.99
26 05 83 00-0034	EA		1,000 MCM Compression Lugs, 1 Hole, Low Voltage, To 600 Volt.....	217.82	94.49
26 05 83 00-0035 Two Hole Compression Lugs (26 05 83)					
26 05 83 00-0036	EA		#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	36.89	17.85
26 05 83 00-0037	EA		#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	39.60	19.00
26 05 83 00-0038	EA		#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	41.75	19.00
26 05 83 00-0039	EA		#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	48.05	21.84
26 05 83 00-0040	EA		1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	59.21	27.30
26 05 83 00-0041	EA		2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	69.43	32.44
26 05 83 00-0042	EA		3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	81.26	38.01
26 05 83 00-0043	EA		4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	97.99	46.09
26 05 83 00-0044	EA		250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	116.22	54.70
26 05 83 00-0045	EA		300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	132.95	62.47
26 05 83 00-0046	EA		350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	142.91	67.30
26 05 83 00-0047	EA		400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	155.60	72.86
26 05 83 00-0048	EA		500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	170.09	79.58
26 05 83 00-0049	EA		750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	185.86	86.30
26 05 83 00-0050	EA		1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	229.97	104.99
26 05 83 00-0051 Tape Wrapped Split Bolt Connectors (26 05 83)					
26 05 83 00-0052	EA		#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	55.15	41.99
26 05 83 00-0053	EA		#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	60.64	45.14
26 05 83 00-0054	EA		#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	69.14	47.24
26 05 83 00-0055	EA		#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	80.24	52.49
26 05 83 00-0056	EA		1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	94.71	57.74
26 05 83 00-0057	EA		2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	106.14	62.99
26 05 83 00-0058	EA		3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	132.63	68.24
26 05 83 00-0059	EA		4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	142.29	73.49
26 05 83 00-0060	EA		250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	149.97	78.74
26 05 83 00-0061	EA		300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	171.02	86.61
26 05 83 00-0062	EA		350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	192.06	125.98
26 05 83 00-0063	EA		400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	210.34	104.99
26 05 83 00-0064	EA		500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	228.62	141.73
26 05 83 00-0065	EA		750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	253.50	146.98
26 05 83 00-0066	EA		1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt.....	286.94	157.48
26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone (26 05 83)					
26 05 83 00-0068	EA		#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	90.95	41.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.04	
26 05 83 00-0069	EA		#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	101.23	41.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.00	
26 05 83 00-0070	EA		1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	140.18	62.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.00	
26 05 83 00-0071	EA		4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	159.18	62.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.38	
26 05 83 00-0072	EA		300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	190.43	78.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.72	
26 05 83 00-0073	EA		500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt.....	266.06	104.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.62	
26 05 83 00-0074 Terminal Blocks (26 05 83)					
			Note: Labor excludes wire termination.		
26 05 83 00-0075	EA		Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt.....	920.49	388.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	233.30	
26 05 83 00-0076	EA		#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block.....	234.83	52.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.85	
26 05 83 00-0077	EA		#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block.....	258.97	52.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.18	
26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection (26 05 83)					
26 05 83 00-0079	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	36.88	19.00
26 05 83 00-0080	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	39.60	19.00
26 05 83 00-0081	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	41.75	19.00
26 05 83 00-0082	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	48.05	21.84

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 83 00-0083	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	59.21	27.30
26 05 83 00-0084	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	69.43	32.44
26 05 83 00-0085	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	81.26	38.01
26 05 83 00-0086	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	97.99	46.09
26 05 83 00-0087	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	116.22	54.70
26 05 83 00-0088	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	132.94	62.47
26 05 83 00-0089	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	142.91	67.30
26 05 83 00-0090	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	155.60	72.86
26 05 83 00-0091	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	170.09	79.58
26 05 83 00-0092	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	170.48	79.58
26 05 83 00-0093	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	36.88	19.00
26 05 83 00-0094	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	39.60	19.00
26 05 83 00-0095	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	41.75	19.00
26 05 83 00-0096	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	48.05	21.84
26 05 83 00-0097	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	59.21	27.30
26 05 83 00-0098	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	69.43	32.44
26 05 83 00-0099	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	81.26	38.01
26 05 83 00-0100	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	97.99	46.09
26 05 83 00-0101	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	116.22	54.70
26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	132.94	62.47
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	142.91	67.30
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	155.60	72.86
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	170.09	79.58
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	170.48	79.58

26 05 83 00-0107 Copper Mechanical Lugs (26 05 83)

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	28.66	13.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	34.46	15.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.51	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	39.84	18.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.02	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	51.75	23.41
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.06	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	69.65	31.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	82.41	36.53
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.95	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	95.87	41.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	108.67	47.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.26	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs.....	123.50	52.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs.....	138.08	57.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.66	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs.....	152.59	62.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs.....	166.99	68.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.91	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs.....	181.65	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.09	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs.....	206.16	83.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.23	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs.....	233.21	94.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.69	

26 05 83 00-0123 Gel Connectors (26 05 83)

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit.....	42.33	
		Note: Kit contains connector, gel filled cap and cap clamp.		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.15	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit.....	41.64	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.79	

26 05 83 00-0126 Other Connections (26 05 83)

26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	10.40	4.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	10.48	4.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	10.56	4.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.88	

26 05 83 00-0130 Motor/Equipment Connections And Terminations (26 05 83)

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0131 AC Single Phase, 230 Volt (26 05 83 00-0130)

26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	63.61	26.25
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	63.23	26.25
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	74.18	31.50
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	90.75	39.37

26 Electrical**26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.50	39.37
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.65	39.37
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	94.11	39.37
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	120.66	52.49
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	123.42	52.49
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	155.85	65.62

26 05 83 00-0142 AC Three Phase, 230 Volt (26 05 83 00-0130)

26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	63.23	26.25
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	74.18	31.50
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	90.75	39.37
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.50	39.37
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.65	39.37
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	94.11	39.37
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	120.66	52.49
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	123.42	52.49
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	155.85	65.62
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	159.58	65.62
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	200.53	78.74
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	206.21	78.74
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	280.85	104.99
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	352.00	131.23
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	415.40	157.48
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	493.68	183.72
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	567.23	209.97
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	704.37	262.46
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	832.33	312.33
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	984.66	364.30
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,408.68	546.35

26 05 83 00-0164 AC Three Phase, 460 Volt (26 05 83 00-0130)

26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	63.23	26.25
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	74.18	31.50
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	90.75	39.37
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.50	39.37
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	91.65	39.37
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	94.11	39.37
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	120.66	52.49
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	123.42	52.49
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	155.85	65.62
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	159.58	65.62
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	200.54	78.74
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	206.20	78.74
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	280.85	104.99
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	352.31	131.44
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	415.40	157.48
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	493.68	183.72
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	567.23	209.97
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	704.37	262.46
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	832.63	312.43
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	985.07	364.51
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,409.59	546.77

26 05 83 00-0186 AC Single Phase, 120 Volt (26 05 83 00-0130)

26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	63.61	26.25
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26 05 83 00-0188 Motor Moisture Sensor (26 05 83 00-0130)

26 05 83 00-0189	EA	Motor Moisture Sensor Located In Winding.....	550.38	
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26 09 Instrumentation and Control for Electrical Systems (26)

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices (26 09)**26 09 23 00-0001 Lighting Contactors (26 09 23)**

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors (26 09 23 00-0001)**26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)****26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)**

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	354.76	83.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.39	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	433.24	94.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.69	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	794.29	146.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	88.19	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,220.51	199.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0009 EA 200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,456.98 157.48	262.46
26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)		
26 09 23 00-0011 EA 20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	400.43 56.69	94.49
26 09 23 00-0012 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	475.79 62.99	104.99
26 09 23 00-0013 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	865.02 100.79	167.98
26 09 23 00-0014 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,321.01 132.28	220.47
26 09 23 00-0015 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,641.36 173.23	288.71
26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)		
26 09 23 00-0017 EA 20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	467.98 62.99	104.99
26 09 23 00-0018 EA 30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	555.80 69.29	115.48
26 09 23 00-0019 EA 60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,038.39 113.39	188.97
26 09 23 00-0020 EA 100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,567.75 144.88	241.47
26 09 23 00-0021 EA 200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,341.97 188.97	314.96
26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0024 EA 20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	553.32 50.39	83.99
26 09 23 00-0025 EA 30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	696.49 56.69	94.49
26 09 23 00-0026 EA 60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,319.26 88.19	146.98
26 09 23 00-0027 EA 100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,966.14 119.68	199.47
26 09 23 00-0028 EA 200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,729.63 157.48	262.46
26 09 23 00-0029 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0030 EA 20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	578.23 56.69	94.49
26 09 23 00-0031 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	739.04 62.99	104.99
26 09 23 00-0032 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,391.52 100.79	167.98
26 09 23 00-0033 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,066.12 132.28	220.47
26 09 23 00-0034 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,913.49 173.23	288.71
26 09 23 00-0035 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0036 EA 20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	626.72 62.99	104.99
26 09 23 00-0037 EA 30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	819.05 69.29	115.48
26 09 23 00-0038 EA 60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,769.65 113.39	188.97
26 09 23 00-0039 EA 100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,517.62 144.88	241.47
26 09 23 00-0040 EA 200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,178.58 188.97	314.96
26 09 23 00-0041 Mechanically Held, Lighting Contactors (26 09 23 00-0001)		
26 09 23 00-0042 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0043 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0044 EA 20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	499.47 50.39	83.99
26 09 23 00-0045 EA 30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	567.68 56.69	94.49
26 09 23 00-0046 EA 60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,056.01 88.19	146.98
26 09 23 00-0047 EA 100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,468.37 119.68	199.47
26 09 23 00-0048 EA 200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,261.62 157.48	262.46

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0049			3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0050	EA		20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....536.73	94.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 56.69		
26 09 23 00-0051	EA		30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....611.26	104.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 62.99		
26 09 23 00-0052	EA		60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....1,128.27	167.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 100.79		
26 09 23 00-0053	EA		100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....1,569.38	220.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 132.28		
26 09 23 00-0054	EA		200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....3,664.09	288.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 173.23		
26 09 23 00-0055			4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0056	EA		20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....581.28	104.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 62.99		
26 09 23 00-0057	EA		30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....653.82	115.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 69.29		
26 09 23 00-0058	EA		60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....1,315.50	188.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 113.39		
26 09 23 00-0059	EA		100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....1,831.01	241.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 144.88		
26 09 23 00-0060	EA		200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....4,403.19	314.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 188.97		
26 09 23 00-0061			NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0062			2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0063	EA		20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....723.27	83.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 50.39		
26 09 23 00-0064	EA		30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....830.94	94.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 56.69		
26 09 23 00-0065	EA		60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....1,582.51	146.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 88.19		
26 09 23 00-0066	EA		100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....2,213.99	199.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 119.68		
26 09 23 00-0067	EA		200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....4,533.24	262.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 157.48		
26 09 23 00-0068			3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0069	EA		20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....767.82	94.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 56.69		
26 09 23 00-0070	EA		30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....874.51	104.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 62.99		
26 09 23 00-0071	EA		60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....1,654.78	167.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 100.79		
26 09 23 00-0072	EA		100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....2,315.52	220.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 132.28		
26 09 23 00-0073	EA		200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....4,936.73	288.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 173.23		
26 09 23 00-0074			4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0075	EA		20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....815.18	104.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 62.99		
26 09 23 00-0076	EA		30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....917.07	115.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 69.29		
26 09 23 00-0077	EA		60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....2,046.75	188.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 113.39		
26 09 23 00-0078	EA		100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....2,780.87	241.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 144.88		
26 09 23 00-0079	EA		200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....6,202.34	314.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 188.97		
26 09 23 00-0080			Combination Lighting Contactors (26 09 23) Note: Up to 600 volt.		
26 09 23 00-0081			Electrically Held, Combination Lighting Contactors (26 09 23 00-0080)		
26 09 23 00-0082			NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0081)		
26 09 23 00-0083			3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0082)		
26 09 23 00-0084	EA		30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....935.28	115.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 69.29		
26 09 23 00-0085	EA		60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....1,468.74	184.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 110.87		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0086 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,337.04 145.51	242.52
26 09 23 00-0087 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,189.06 190.55	317.58
26 09 23 00-0088 NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors <small>(26 09 23 00-0081)</small>		
26 09 23 00-0089 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors <small>(26 09 23 00-0088)</small>		
26 09 23 00-0090 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,636.52 69.29	115.48
26 09 23 00-0091 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,549.46 110.87	184.78
26 09 23 00-0092 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,222.91 145.51	242.52
26 09 23 00-0093 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,601.44 190.55	317.58
26 09 23 00-0094 Mechanically Held, Combination Lighting Contactors <small>(26 09 23 00-0080)</small>		
26 09 23 00-0095 NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors <small>(26 09 23 00-0094)</small>		
26 09 23 00-0096 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors <small>(26 09 23 00-0095)</small>		
26 09 23 00-0097 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,015.34 69.29	115.48
26 09 23 00-0098 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,745.85 110.87	184.78
26 09 23 00-0099 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,599.52 145.51	242.52
26 09 23 00-0100 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,934.94 190.55	317.58
26 09 23 00-0101 NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors <small>(26 09 23 00-0094)</small>		
26 09 23 00-0102 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors <small>(26 09 23 00-0101)</small>		
26 09 23 00-0103 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,717.34 69.29	115.48
26 09 23 00-0104 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,828.11 110.87	184.78
26 09 23 00-0105 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,486.16 145.51	242.52
26 09 23 00-0106 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,347.32 190.55	317.58
26 09 23 00-0107 Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket <small>(26 09 23)</small>		
26 09 23 00-0108 EA 105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	124.18 16.40	27.30
26 09 23 00-0109 EA 105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.70 16.40	27.30
26 09 23 00-0110 Dimming Module System (Lutron Grafik Eye) <small>(26 09 23)</small>		
26 09 23 00-0111 EA 2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,076.94 62.99	104.99
26 09 23 00-0112 EA 4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,371.39 62.99	104.99
26 09 23 00-0113 EA 6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,671.09 62.99	104.99
26 09 23 00-0114 Dimming Module Contol (Leviton) <small>(26 09 23)</small>		
26 09 23 00-0115 EA 5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	139.07 7.88	13.14
26 09 23 00-0116 Light Control Panels <small>(26 09 23)</small>		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0117			Lighting Control Panels (Watt Stopper) (26 09 23 00-0116)		
26 09 23 00-0118			Lighting Control Panels (Watt Stopper) (26 09 23 00-0117)		
26 09 23 00-0119	EA		4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,501.24 88.30	147.17
26 09 23 00-0120	EA		8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,412.48 94.61	157.68
26 09 23 00-0121	EA		8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,583.99 94.61	157.68
26 09 23 00-0122	EA		8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,351.51 94.61	157.68
26 09 23 00-0123	EA		8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,552.87 94.61	157.68
26 09 23 00-0124	EA		4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,666.18 88.30	147.17
26 09 23 00-0125	EA		8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,787.80 94.61	157.68
26 09 23 00-0126	EA		8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,988.95 94.61	157.68
26 09 23 00-0127	EA		8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,431.98 94.61	157.68
26 09 23 00-0128	EA		8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,633.33 94.61	157.68
26 09 23 00-0129			Accessories For Lighting Control Panels (Watt Stopper) (26 09 23 00-0117)		
26 09 23 00-0130	EA		Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.18 15.77	26.28
26 09 23 00-0131	EA		Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.22 12.62	21.02
26 09 23 00-0132	EA		Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.48 12.62	21.02
26 09 23 00-0133			Lighting Control Panels (Synergy) (26 09 23 00-0116)		
26 09 23 00-0134			Lighting Control Panels (Synergy) (26 09 23 00-0133)		
26 09 23 00-0135	EA		8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,703.13 94.61	157.68
26 09 23 00-0136			Accessories For Lighting Control Panels (Synergy) (26 09 23 00-0133)		
26 09 23 00-0137	EA		Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	409.62 15.77	26.28
26 09 23 00-0138	EA		Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.87 6.31	10.51
26 09 23 00-0139	EA		Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.41 9.46	15.77
26 09 23 00-0140			Lighting Switching Panels (Lutron) (26 09 23 00-0116)		
26 09 23 00-0141			Lighting Switching Panels (Lutron) (26 09 23 00-0140)		
26 09 23 00-0142	EA		8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128@ XPS8-FT) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,405.13 94.61	157.68
26 09 23 00-0143	EA		12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128@ XPS12-FT) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,895.13 100.92	168.20
26 09 23 00-0144	EA		16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128@ XPS16-FT) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,454.50 107.23	178.71
26 09 23 00-0145			Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) (26 09 23 00-0116)		
26 09 23 00-0146	EA		6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	967.24 88.30	147.17
26 09 23 00-0147	EA		12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,089.59 88.30	147.17
26 09 23 00-0148	EA		18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,211.94 88.30	147.17
26 09 23 00-0149			Power Filters (26 09 23 00-0116)		
26 09 23 00-0150	EA		600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure.....	36,234.20	874.85
26 09 23 00-0151	EA		200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure.....	21,451.42	380.36
26 09 23 00-0152			Signal Filters (26 09 23 00-0116)		
26 09 23 00-0153	EA		0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	16,533.95	795.37
26 09 23 00-0154	EA		0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	11,317.42	486.08
26 09 23 00-0155	EA		0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	6,311.85	282.20
26 09 23 00-0156	EA		5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	8,610.81	282.20

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0157				Lighting Control Devices (Encelium) <small>(26 09 23)</small>		
26 09 23 00-0158	EA			8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D).....	9,332.64	105.12
				Note: Excludes GB II cable.		
26 09 23 00-0159	EA			Server, System Support Unit (SSU) (Encelium EN-SSU-1U)	4,302.61	105.12
				Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0160	EA			Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT)	2,271.22	105.12
				Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0161	EA			Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT)	9,387.13	105.12
				Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0162	EA			Isolated, Wired Luminaire Control Module (Encelium EN-ILCM-1R10V-GB2-BK)	81.62	13.14
				Note: Excludes GB II cable.		
26 09 23 00-0163	EA			Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-ILCM-1R10V-GB2-BK/DR).....	121.86	13.14
				Note: Excludes GB II cable.		
26 09 23 00-0164	EA			Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK).....	159.51	26.28
				Note: Excludes GB II cable.		
26 09 23 00-0165	EA			Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR).....	189.10	26.28
				Note: Excludes GB II cable.		
26 09 23 00-0166	EA			Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK)	107.90	26.28
				Note: Excludes GB II cable.		
26 09 23 00-0167	EA			Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR).....	148.14	26.28
				Note: Excludes GB II cable.		
26 09 23 00-0168	EA			16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700)	364.54	52.56
				Note: Excludes cable.		
26 09 23 00-0169	EA			Rack Mounted, Wired Power Bar (Encelium PWR-700)	281.86	52.56
26 09 23 00-0170	EA			Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	489.71	52.56
26 09 23 00-0171	EA			Wall Mounted, 4U Mounting Rack (Encelium RCK-700).....	188.42	52.56
26 09 23 00-0172	EA			4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042)	545.08	52.56
				Note: Excludes cable.		
26 09 23 00-0173	EA			Wired BACnet Interface (Encelium BIF-600)	5,505.01	210.25
				Note: Excludes cable.		
26 09 23 00-0174	EA			Wired AV Interface (Encelium EN-SW-AVINT).....	4,011.63	52.56
				Note: Excludes cable.		
26 09 23 00-0175	EA			Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH)	157.13	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0176	EA			3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH)	189.83	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0177	EA			3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH)	181.94	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0178	EA			5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH)	189.83	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0179	EA			6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH).....	181.94	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0180	EA			Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT)	139.46	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0181	EA			Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT).....	189.83	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0182	EA			3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT).....	181.94	13.14
				Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0183	EA			Wired Key Switch Controller (Encelium KSW-300).....	136.27	13.14
				Note: Excludes GB II cable.		
26 09 23 00-0184	EA			Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH)	62.69	13.14
				Note: Includes white finish.		
26 09 23 00-0185	EA			1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	60.83	26.28
26 09 23 00-0186	EA			1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	61.18	26.28
26 09 23 00-0187	EA			5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	63.97	26.28
26 09 23 00-0188	EA			10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	66.72	26.28
26 09 23 00-0189	EA			15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	70.00	26.28
26 09 23 00-0190	EA			20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	72.96	26.28
26 09 23 00-0191	EA			25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	76.60	26.28
26 09 23 00-0192	EA			50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	93.04	26.28
26 09 23 00-0193	EA			1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2).....	508.62	26.28
26 09 23 00-0194	EA			Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2).....	136.00	26.28
26 09 23 00-0195	EA			1,000' Box, Category 5, Network Cable (Encelium NWC-400-B).....	651.81	26.28
26 09 23 00-0196	EA			Indoor Wired Photo Sensor (Encelium PHS-700).....	404.75	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0197	EA			Outdoor Wired Photo Sensor (Encelium PHS-800)	404.75	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0198	EA			Skylight Wired Photo Sensor (Encelium PHS-900).....	404.75	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0199	EA			450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450).....	226.58	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0200	EA			1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500).....	220.60	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0201	EA			2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00).....	224.59	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0202	EA			High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY).....	244.50	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0203	EA			Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG).....	224.59	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0204	EA			120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV)	184.77	52.56
				Note: Excludes GB II cable.		
26 09 23 00-0205	EA			High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPM24V)	193.87	52.56
				Note: Excludes GB II cable.		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0206	EA		High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V).....	193.87	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0207	EA		360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360)	118.02	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0208	EA		Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24)	229.52	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0209	EA		Hallway, Wired Occupancy Sensor (Encelium HW-13).....	310.68	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0210	EA		500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500)	276.36	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0211	EA		1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000)	292.29	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0212	EA		2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000)	300.26	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0213	EA		1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200)	274.37	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0214	EA		120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV).....	234.55	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0215	EA		500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W)	284.92	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0216	EA		1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W)	282.84	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0217	EA		2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W)	310.01	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0218	EA		1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W)	301.65	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0219	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24).....	322.07	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0220	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV).....	301.74	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0221	EA		Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT)	301.74	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0222	EA		10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C).....	209.98	52.56
26 09 23 00-0223	EA		10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C).....	222.49	52.56
26 09 23 00-0224	EA		20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	364.26	52.56
26 09 23 00-0225	EA		20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	387.24	52.56
26 09 23 00-0226	EA		10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D).....	294.53	52.56
26 09 23 00-0227	EA		10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D).....	305.64	52.56
26 09 23 00-0228	EA		24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2).....	847.43	105.12
			Note: Excludes GB II cable and enclosure.		
26 09 23 00-0229	EA		24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V)	2,707.00	420.49
			Note: Excludes GB II cable.		
26 09 23 00-0230	EA		12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V)	3,826.62	420.49
			Note: Excludes GB II cable.		
26 09 23 00-0231	EA		24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V)	4,946.22	420.49
			Note: Excludes GB II cable.		
26 09 23 00-0232	EA		Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2).....	423.71	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0233	EA		Wired DALI Bridge (Encelium EN-DB-1L-GB2)	480.61	52.56
			Note: Excludes GB II cable.		
26 09 23 00-0234	EA		Wireless Manager (Encelium EN-WM-ZB-P3D).....	1,242.94	52.56
			Note: Includes white finish.		
26 09 23 00-0235	EA		Wireless Control Module (Encelium EN-WCM-ZB).....	181.51	26.28
26 09 23 00-0236	EA		Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR).....	211.85	26.28
26 09 23 00-0237	EA		Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK).....	212.61	26.28
26 09 23 00-0238	EA		Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	219.77	26.28
26 09 23 00-0239	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0240	EA		3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0241	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0242	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0243	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0244	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	160.16	13.14
26 09 23 00-0245	EA		315 MHz, Wireless Photocell (Encelium TAP-17C)	355.44	52.56
26 09 23 00-0246	EA		450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	234.07	52.56
26 09 23 00-0247	EA		1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	234.07	52.56
26 09 23 00-0248	EA		1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	264.41	52.56
26 09 23 00-0249	EA		450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	264.41	52.56
26 09 23 00-0250	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0251	EA		3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0252	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0253	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0254	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	155.23	13.14
			Note: Includes white finish.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0255	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	160.16	13.14
26 09 23 00-0256	EA		315 MHz, Wireless Photocell (Encelium TAP-17C)	355.44	52.56
26 09 23 00-0257	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	155.23	13.14
26 09 23 00-0258	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	155.23	13.14
26 09 23 00-0259	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	155.23	13.14
26 09 23 00-0260	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	160.16	13.14
26 09 23 00-0261	EA		315 MHz, Wireless Photocell (Encelium TAP-17C)	355.44	52.56
26 09 23 00-0262	EA		450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	234.07	52.56
26 09 23 00-0263	EA		1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	234.07	52.56
26 09 23 00-0264	EA		1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	264.41	52.56
26 09 23 00-0265	EA		450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	264.41	52.56
26 09 23 00-0266	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0267	EA		3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0268	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0269	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0270	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	155.23	13.14
			Note: Includes white finish.		
26 09 23 00-0271	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	160.16	13.14
26 09 23 00-0272	EA		315 MHz, Wireless Photocell (Encelium TAP-17C)	355.44	52.56
26 09 23 00-0273	EA		Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	122.56	52.56
26 09 23 00-0274	EA		Wireless Ethernet Transceiver Unit (cns-enocan Connectivity Kit)	455.30	52.56

26 09 23 00-0275 Lighting Control Sensors (26 09 23)

26 09 23 00-0276	EA		DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	240.00	23.65
26 09 23 00-0277	EA		DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	240.00	23.65
26 09 23 00-0278	EA		Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	212.03	23.65
26 09 23 00-0279	EA		Zigbee Dongle (LG 9CM2315VD2.AWP01U)	65.97	15.77
26 09 23 00-0280	EA		Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	6.43	
26 09 23 00-0281	EA		Clip for Downlight (BKTCE015123.BUAAWAA)	41.97	
26 09 23 00-0282	EA		Clip for Tube (LG BKTU015121.BUAAWAA)	8.46	

26 09 23 00-0283 Radio Controlled Devices (Lutron) (26 09 23)

26 09 23 00-0284 Tabletop Transmitters For Radio Controlled Devices (26 09 23 00-0283)

26 09 23 00-0285 Switched Lighting Controls, Tabletop Wireless Transmitter (26 09 23 00-0284)

26 09 23 00-0286	EA		One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	304.94	15.77
26 09 23 00-0287	EA		Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	394.12	15.77
26 09 23 00-0288	EA		Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	494.44	15.77

26 09 23 00-0289 Dimmable Lighting Controls, Tabletop Wireless Transmitter (26 09 23 00-0284)

26 09 23 00-0290	EA		One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	304.94	15.77
26 09 23 00-0291	EA		Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	360.68	15.77
26 09 23 00-0292	EA		Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	494.44	15.77
26 09 23 00-0293	EA		One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	304.94	15.77
26 09 23 00-0294	EA		Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	394.12	15.77
26 09 23 00-0295	EA		Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	494.44	15.77

26 09 23 00-0296 Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter (26 09 23 00-0284)

26 09 23 00-0297	EA		One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	394.12	15.77
26 09 23 00-0298	EA		Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	494.44	15.77
26 09 23 00-0299	EA		One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	494.44	15.77

26 09 23 00-0300 Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter (26 09 23 00-0284)

26 09 23 00-0301	EA		One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	304.94	15.77
26 09 23 00-0302	EA		Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	394.12	15.77
26 09 23 00-0303	EA		One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	360.68	15.77
26 09 23 00-0304	EA		Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	438.70	15.77
26 09 23 00-0305	EA		One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	394.12	15.77
26 09 23 00-0306	EA		Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	472.14	15.77
26 09 23 00-0307	EA		One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	394.12	15.77

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 09 23 00-0308		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>		
26 09 23 00-0309	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	304.94	15.77
26 09 23 00-0310	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	394.12	15.77
26 09 23 00-0311	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH).....	394.12	15.77
26 09 23 00-0312	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH).....	494.44	15.77
26 09 23 00-0313	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	394.12	15.77
26 09 23 00-0314	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	494.44	15.77
26 09 23 00-0315		Output Switch Closure Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>		
26 09 23 00-0316	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	304.94	15.77
26 09 23 00-0317	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	394.12	15.77
26 09 23 00-0318	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	494.44	15.77
26 09 23 00-0319		Accessories For Tabletop Wireless Transmitter <small>(26 09 23 00-0284)</small>		
26 09 23 00-0320	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	70.87	15.77
26 09 23 00-0321		Wall Box Transmitters For Radio Controlled Devices <small>(26 09 23 00-0283)</small>		
26 09 23 00-0322	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	282.65	15.77
26 09 23 00-0323	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	304.94	15.77
26 09 23 00-0324	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	304.94	15.77
26 09 23 00-0325	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH).....	304.94	15.77
26 09 23 00-0326	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	304.94	15.77
26 09 23 00-0327	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH).....	304.94	15.77
26 09 23 00-0328		Interfaces For Radio Controlled Devices <small>(26 09 23 00-0283)</small>		
26 09 23 00-0329	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	282.65	15.77
26 09 23 00-0330	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	282.65	15.77
26 09 23 00-0331	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	282.65	15.77
26 09 23 00-0332	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	565.77	15.77
26 09 23 00-0333	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	806.54	15.77
26 09 23 00-0334	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	806.54	15.77
26 09 23 00-0335		Fluorescent Controllers For Radio Controlled Devices <small>(26 09 23 00-0283)</small>		
26 09 23 00-0336	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	360.68	15.77
26 09 23 00-0337	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	405.26	15.77
26 09 23 00-0338	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	472.14	15.77
26 09 23 00-0339		AC Motor Group Controllers For Radio Controlled Devices <small>(26 09 23 00-0283)</small>		
26 09 23 00-0340	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	527.88	15.77
26 09 23 00-0341	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	722.94	15.77
26 09 23 00-0342		RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®) <small>(26 09 23)</small>		
26 09 23 00-0343		RF Wireless Technology, Switches (Lutron® Maestro Wireless®) <small>(26 09 23 00-0342)</small>		
26 09 23 00-0344	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	93.37	21.02
26 09 23 00-0345	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120).....	107.56	21.02
26 09 23 00-0346	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV).....	160.47	21.02
26 09 23 00-0347	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	69.69	21.02
26 09 23 00-0348	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	82.08	21.02
26 09 23 00-0349	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	74.89	21.02
26 09 23 00-0350	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	87.54	21.02
26 09 23 00-0351		RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®) <small>(26 09 23 00-0342)</small>		
26 09 23 00-0352	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	90.09	21.02
26 09 23 00-0353	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV).....	96.64	21.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0354 EA 600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	113.02	21.02
26 09 23 00-0355 EA 1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	123.53	26.28
26 09 23 00-0356 EA 600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	145.23	21.02
26 09 23 00-0357 EA 120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	57.06	21.02
26 09 23 00-0358 EA 277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	66.07	21.02
26 09 23 00-0359 EA 120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	60.34	21.02
26 09 23 00-0360 EA 277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	69.35	21.02
26 09 23 00-0361 EA 6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	171.86	36.79
26 09 23 00-0362 Occupancy Sensors (Watt Stopper) <small>(26 09 23)</small> Note: Includes testing of new devices and certification.		
26 09 23 00-0363 Occupancy Sensors <small>(26 09 23 00-0362)</small> Note: Exclude boxes.		
26 09 23 00-0364 Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0363)</small>		
26 09 23 00-0365 Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0364)</small>		
26 09 23 00-0366 EA Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	105.75	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0367 EA Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	124.51	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0368 Passive Infrared, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0364)</small>		
26 09 23 00-0369 EA Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	87.61	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0370 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	81.92	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0371 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	92.54	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0372 EA Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	106.88	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0373 EA Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	105.70	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0374 Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0364)</small>		
26 09 23 00-0375 EA Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	153.09	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0376 EA Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	164.96	10.51
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.31	
26 09 23 00-0377 Wall Switch Mounted Occupancy Sensor Accessories <small>(26 09 23 00-0364)</small>		
26 09 23 00-0378 EA Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.39	2.63
26 09 23 00-0379 EA One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.34	2.63
26 09 23 00-0380 EA Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.34	2.63
26 09 23 00-0381 Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0363)</small>		
26 09 23 00-0382 Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0381)</small>		
26 09 23 00-0383 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0382)</small>		
26 09 23 00-0384 EA 500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	141.24	23.65
26 09 23 00-0385 EA 1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	161.64	23.65
26 09 23 00-0386 EA 2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	182.21	23.65
26 09 23 00-0387 EA 90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	180.35	23.65
26 09 23 00-0388 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0382)</small>		
26 09 23 00-0389 EA 600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	153.32	23.65
26 09 23 00-0390 EA 1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	174.02	23.65
26 09 23 00-0391 EA 2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	193.62	23.65
26 09 23 00-0392 EA 90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	196.94	23.65
26 09 23 00-0393 EA 600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	165.69	23.65
26 09 23 00-0394 EA 1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	186.90	23.65
26 09 23 00-0395 EA 2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	208.04	23.65
26 09 23 00-0396 EA 90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	214.12	23.65

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0397			40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0382)</small>		
26 09 23 00-0398	EA		500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1).....	159.30	23.65
26 09 23 00-0399	EA		1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2).....	184.03	23.65
26 09 23 00-0400	EA		2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3).....	204.73	23.65
26 09 23 00-0401	EA		500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1).....	150.18	23.65
26 09 23 00-0402	EA		1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	181.35	23.65
26 09 23 00-0403	EA		2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	191.45	23.65
26 09 23 00-0404	EA		500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	160.58	23.65
26 09 23 00-0405	EA		1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	178.53	23.65
26 09 23 00-0406	EA		2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	200.69	23.65
26 09 23 00-0407			Passive Infrared, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0381)</small>		
26 09 23 00-0408	EA		30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	117.42	23.65
26 09 23 00-0409	EA		HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	119.82	23.65
26 09 23 00-0410	EA		Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	125.53	23.65
26 09 23 00-0411	EA		Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	140.85	23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0412	EA		Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	142.71	23.65
26 09 23 00-0413	EA		Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200).....	150.72	23.65
26 09 23 00-0414	EA		Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300).....	163.55	23.65
26 09 23 00-0415			Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0381)</small>		
26 09 23 00-0416	EA		1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355).....	193.44	23.65
26 09 23 00-0417	EA		1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300).....	220.58	23.65
26 09 23 00-0418	EA		1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305).....	187.68	23.65
26 09 23 00-0419			Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0383)</small>		
26 09 23 00-0420			Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0419)</small>		
26 09 23 00-0421	EA		120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3).....	236.84	23.65
26 09 23 00-0422	EA		2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100).....	236.84	23.65
26 09 23 00-0423			Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0419)</small>		
26 09 23 00-0424	EA		2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200).....	220.58	23.65
26 09 23 00-0425			Occupancy Sensor Power Packs <small>(26 09 23 00-0382)</small>		
26 09 23 00-0426			Single Voltage, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		
26 09 23 00-0427	EA		220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P).....	79.99	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0428	EA		347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P).....	73.10	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0429			Auxiliary, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		
26 09 23 00-0430	EA		120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P).....	67.42	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0431			Universal Voltage, Power Packs For Occupancy Sensors <small>(26 09 23 00-0425)</small>		
26 09 23 00-0432	EA		120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100).....	88.21	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0433			Form C, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		
26 09 23 00-0434	EA		120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P).....	80.31	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0435	EA		277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P).....	80.37	21.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0436			Two Relay, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0437 EA 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P).....	100.29	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0438 EA 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P).....	101.65	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0439 Occupancy Sensor Power Supplies <small>(26 09 23 00-0425)</small>		
26 09 23 00-0440 EA 120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-100)	93.34	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0441 EA 277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	201.29	21.02
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0442 Intelligent, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		
26 09 23 00-0443 EA 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	265.36	21.02
26 09 23 00-0444 DIN Rail Mounted, Occupancy Sensor Power Packs <small>(26 09 23 00-0425)</small>		
26 09 23 00-0445 EA 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100).....	87.42	21.02
26 09 23 00-0446 Occupancy Sensor Accessories <small>(26 09 23 00-0362)</small>		
26 09 23 00-0447 Protective Cages For Occupancy Sensors <small>(26 09 23 00-0446)</small>		
26 09 23 00-0448 EA Protective Cage For Occupancy Sensors (Watt Stopper WC).....	49.61	7.88
26 09 23 00-0449 Mounting Brackets For Occupancy Sensors <small>(26 09 23 00-0446)</small>		
26 09 23 00-0450 EA Mounting Bracket For Occupancy Sensor (Watt Stopper MB).....	39.80	13.14
Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.		
26 09 23 00-0451 Occupancy/Lighting Logger <small>(26 09 23 00-0446)</small>		
Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0452 EA Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200).....	366.33	44.68
26 09 23 00-0453 Remove And Reinstall Occupancy Sensors <small>(26 09 23 00-0446)</small>		
26 09 23 00-0454 EA Removal And Reinstallation Of Surface Mounted Occupancy Sensor.....	70.96	
Note: Includes storing and cleaning.		
26 09 23 00-0455 EA Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor	31.54	
Note: Includes storing and cleaning.		
26 09 23 00-0456 Digital Time Light Switches <small>(26 09 23 00-0362)</small>		
26 09 23 00-0457 EA Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400).....	79.23	10.51
26 09 23 00-0458 Occupancy Sensors (Sensor Switch) <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.		
26 09 23 00-0459 Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0458)</small>		
Note: Exclude boxes		
26 09 23 00-0460 Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0459)</small>		
26 09 23 00-0461 Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0460)</small>		
26 09 23 00-0462 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV).....	132.49	10.51
26 09 23 00-0463 EA Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	95.33	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0464 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	91.24	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0465 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA).....	91.24	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0466 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	113.91	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0467 EA Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS).....	113.91	10.51
26 09 23 00-0468 EA 2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	137.14	10.51
26 09 23 00-0469 EA Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	113.91	10.51
26 09 23 00-0470 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0460)</small>		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0471 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV).....	169.64	10.51
26 09 23 00-0472 EA Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	132.49	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0473 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	129.71	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	
26 09 23 00-0474 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	129.71	10.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 09 23 00-0475	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	151.06		10.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.31		
26 09 23 00-0476	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	151.06		10.51
26 09 23 00-0477	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	162.21		10.51
26 09 23 00-0478		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) ^(26 09 23 00-0460)			
26 09 23 00-0479	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	12.69		2.63
26 09 23 00-0480	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	12.69		2.63
26 09 23 00-0481	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	23.84		2.63
26 09 23 00-0482	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	23.84		2.63
26 09 23 00-0483		360 Degree View Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0459)			
26 09 23 00-0484		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0483)			
		Note: One photocell or dimming option per occupancy sensor			
26 09 23 00-0485	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	158.78		23.65
26 09 23 00-0486	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	158.78		23.65
26 09 23 00-0487	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	158.78		23.65
26 09 23 00-0488	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	168.06		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0489	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	168.06		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0490	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	138.34		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0491	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	205.22		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	205.22		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0493	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	175.50		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0494	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	158.78		23.65
26 09 23 00-0495	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	158.78		23.65
26 09 23 00-0496	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	158.78		23.65
26 09 23 00-0497	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	168.06		23.65
26 09 23 00-0498	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	168.06		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0499	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	138.34		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0500	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	205.22		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0501	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	205.22		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0502	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	175.50		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0503		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0483)			
		Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection			
26 09 23 00-0504	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	195.93		23.65
26 09 23 00-0505	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	195.93		23.65
26 09 23 00-0506	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	195.93		23.65
26 09 23 00-0507	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	186.64		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0508	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	186.64		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0509	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	156.92		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		
26 09 23 00-0510	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	223.80		23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0511 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P).....	223.80	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0512 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P).....	194.07	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0513 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10).....	195.93	23.65
26 09 23 00-0514 EA Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10).....	195.93	23.65
26 09 23 00-0515 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10).....	195.93	23.65
26 09 23 00-0516 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10).....	186.64	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0517 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	186.64	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0518 EA Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10).....	156.92	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0519 EA 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	223.80	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0520 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	223.80	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0521 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	194.07	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0522 Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0459)		
26 09 23 00-0523 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0522)		
26 09 23 00-0524 EA Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16).....	158.78	23.65
26 09 23 00-0525 EA Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	177.35	23.65
26 09 23 00-0526 EA Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	214.51	23.65
26 09 23 00-0527 EA Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	205.22	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0528 EA 2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	242.38	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0529 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0522)		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0530 EA Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16).....	195.93	23.65
26 09 23 00-0531 EA Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16).....	223.80	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0532 EA 2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	260.95	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0533 High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0459)		
26 09 23 00-0534 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0533)		
26 09 23 00-0535 EA Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6).....	158.78	23.65
26 09 23 00-0536 EA Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	158.78	23.65
26 09 23 00-0537 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6).....	158.78	23.65
26 09 23 00-0538 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6).....	138.34	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0539 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6).....	138.34	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0540 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6).....	138.34	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0541 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P).....	175.50	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0542 EA 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P).....	175.50	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0543 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P).....	175.50	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	
26 09 23 00-0544 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208).....	151.34	23.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.19	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 09 23 00-0545	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	151.34	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0546	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	151.34	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0547	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	151.34	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0548	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	151.34	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0549	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	151.34	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0550	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	177.35	23.65
26 09 23 00-0551	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	177.35	23.65
26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	177.35	23.65
26 09 23 00-0553	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	212.65	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0554	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	212.65	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	212.65	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	188.50	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	188.50	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0558	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	160.63	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0559	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	160.63	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0560	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	160.63	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0561	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	160.63	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	177.35	23.65
26 09 23 00-0563	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	177.35	23.65
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	212.65	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0565	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	212.65	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0566	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	205.22	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0567	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	186.64	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0568	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	186.64	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19	
26 09 23 00-0569		Occupancy Sensor Power Packs (Sensor Switch) <small>(26 09 23 00-0458)</small>		
26 09 23 00-0570	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	94.07	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0571	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	131.22	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0572	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	75.49	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0573	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	69.92	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0574	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	88.49	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0575	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	134.94	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 09 23 00-0576	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	134.94	21.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0577	EA		120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM) 134.94 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 12.62		21.02
26 09 23 00-0578			Occupancy Sensor Accessories (Sensor Switch) (26 09 23 00-0458)		
26 09 23 00-0579			Remove And Reinstall Occupancy Sensors (26 09 23 00-0578)		
26 09 23 00-0580	EA		Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor 31.54 Note: Includes storing and cleaning.		
26 09 23 00-0581	EA		Removal And Reinstallation Of Surface Mounted Occupancy Sensor..... 70.96 Note: Includes storing and cleaning.		
26 09 23 00-0582			Daylighting Control (Sensor Switch) (26 09 23 00-0458)		
26 09 23 00-0583	EA		Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)..... 140.20		23.65
26 09 23 00-0584	EA		Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)..... 140.20		23.65
26 09 23 00-0585	EA		Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)..... 140.20		23.65
26 09 23 00-0586	EA		Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0587	EA		Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0588	EA		Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0589	EA		Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)..... 140.20		23.65
26 09 23 00-0590	EA		Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)..... 140.20		23.65
26 09 23 00-0591	EA		Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)..... 140.20		23.65
26 09 23 00-0592	EA		Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0593	EA		Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0594	EA		Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)..... 140.20		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0595	EA		Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)..... 195.93		23.65
26 09 23 00-0596	EA		Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)..... 195.93		23.65
26 09 23 00-0597	EA		Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)..... 195.93		23.65
26 09 23 00-0598	EA		Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)..... 195.93		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0599	EA		Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)..... 195.93		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0600	EA		Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)..... 195.93		23.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.19		
26 09 23 00-0601			Occupancy Sensors (Sensor Switch nLight®) (26 09 23) Note: Includes testing of new devices and certification.		
26 09 23 00-0602			Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0601) Note: Excludes boxes.		
26 09 23 00-0603			Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0602)		
26 09 23 00-0604			Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0603) Note: Includes passive infrared and microphonics detection		
26 09 23 00-0605	EA		Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)..... 202.43		10.51
26 09 23 00-0606			360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0602)		
26 09 23 00-0607			Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0606) Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0608	EA		Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)..... 246.66		23.65
26 09 23 00-0609	EA		Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)..... 246.66		23.65
26 09 23 00-0610	EA		Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC) 246.66		23.65
26 09 23 00-0611			Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0606) Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0612	EA		Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)..... 286.53		23.65
26 09 23 00-0613	EA		Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)..... 286.53		23.65
26 09 23 00-0614	EA		2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)..... 296.48		23.65

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0615			Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0602)		
26 09 23 00-0616			Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0615) Note: Includes passive infrared and microphonics detection		
26 09 23 00-0617	EA		Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nVV PDT 16).....	286.53	23.65
26 09 23 00-0618			High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0602)		
26 09 23 00-0619			Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0618)		
26 09 23 00-0620	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	246.66	23.65
26 09 23 00-0621			Occupancy Sensor Power Packs (Sensor Switch nLight®) (26 09 23 00-0601)		
26 09 23 00-0622	EA		150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	91.88	21.02
26 09 23 00-0623	EA		250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	111.84	21.02
26 09 23 00-0624	EA		30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	145.71	21.02
26 09 23 00-0625	EA		System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	145.71	21.02
26 09 23 00-0626			Occupancy Sensor Accessories (Sensor Switch nLight®) (26 09 23 00-0601)		
26 09 23 00-0627	EA		RS232 AV Integrator (Sensor Switch nLight® nIO X)	296.48	23.65
26 09 23 00-0628	EA		8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT).....	240.39	23.65
26 09 23 00-0629			Daylighting Controls (Sensor Switch nLight®) (26 09 23 00-0601)		
26 09 23 00-0630	EA		Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	206.79	23.65
26 09 23 00-0631			Controls (Sensor Switch nLight®) (26 09 23 00-0601)		
26 09 23 00-0632	EA		On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	141.01	23.65
26 09 23 00-0633	EA		1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	196.84	23.65
26 09 23 00-0634	EA		On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	436.05	23.65
26 09 23 00-0635	EA		3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	436.05	23.65
26 09 23 00-0636	EA		3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	1,592.29	23.65
26 09 23 00-0637			Occupancy Sensors (Lutron) (26 09 23) Note: Includes testing of new devices and certification.		
26 09 23 00-0638			Wireless Occupancy Sensors (26 09 23 00-0637)		
26 09 23 00-0639	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	108.72	23.65
26 09 23 00-0640	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	112.82	23.65
26 09 23 00-0641	EA		Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH).....	109.69	23.65
26 09 23 00-0642	EA		Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	115.15	23.65
26 09 23 00-0643	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH).....	110.92	23.65
26 09 23 00-0644	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH).....	115.15	23.65
26 09 23 00-0645	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH).....	108.72	23.65
26 09 23 00-0646	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	110.92	23.65
26 09 23 00-0647	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	109.69	23.65
26 09 23 00-0648	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	161.08	23.65
26 09 23 00-0649	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	170.87	23.65
26 09 23 00-0650	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	192.89	23.65
26 09 23 00-0651	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	202.68	23.65
26 09 23 00-0652	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	207.57	23.65
26 09 23 00-0653	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	217.36	23.65
26 09 23 00-0654	EA		Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH).....	130.25	23.65
26 09 23 00-0655	EA		Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH).....	136.61	23.65
26 09 23 00-0656	EA		Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	157.41	23.65
26 09 23 00-0657	EA		Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH).....	173.31	23.65
26 09 23 00-0658	EA		Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH).....	185.55	23.65
26 09 23 00-0659	EA		Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	162.30	23.65
26 09 23 00-0660	EA		Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	150.39	23.65
26 09 23 00-0661	EA		Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH).....	128.28	23.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 09 23 00-0662	EA		Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	154.35	23.65
26 09 23 00-0663	EA		Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	184.18	23.65
26 09 23 00-0664	EA		Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	194.54	23.65
26 09 23 00-0665	EA		Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	194.54	23.65
26 09 23 00-0666	EA		Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	194.54	23.65
26 09 23 00-0667	EA		Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	204.04	23.65
26 09 23 00-0668	EA		Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	328.25	34.16
26 09 23 00-0669 Nodes And Modules (26 09 23 00-0637)					
26 09 23 00-0670	EA		0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	167.20	23.65
26 09 23 00-0671	EA		0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	167.20	23.65
26 09 23 00-0672	EA		4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	207.57	23.65
26 09 23 00-0673	EA		4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	207.57	23.65
26 09 23 00-0674	EA		120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	262.98	26.28
26 09 23 00-0675	EA		120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	262.98	26.28
26 09 23 00-0676	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	315.59	26.28
26 09 23 00-0677	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	322.93	26.28
26 09 23 00-0678	EA		120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	395.12	26.28
26 09 23 00-0679	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	418.36	26.28
26 09 23 00-0680	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	441.61	26.28
26 09 23 00-0681	EA		1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,176.04	42.05
26 09 23 00-0682	EA		2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,159.02	47.31
26 09 23 00-0683	EA		3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	1,689.50	52.56
26 09 23 00-0684 Other Accessories (26 09 23 00-0637)					
26 09 23 00-0685	EA		Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	32.50	
26 09 23 00-0686	EA		Pico® Wireless Control (Lutron® PJ)	32.62	
26 09 23 00-0687	EA		4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	96.14	
26 09 23 00-0688	EA		8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	180.56	
26 09 23 00-0689	EA		4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	200.51	23.65
26 09 23 00-0690	EA		seeTouch® QS Wallstation (Lutron® QSWS2)	250.10	23.65
26 09 23 00-0691	EA		seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	250.10	23.65
26 09 23 00-0692	EA		120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	402.46	26.28
26 09 23 00-0693	EA		120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	545.60	26.28
26 09 23 00-0694	EA		Control Interface (Lutron® QSE-CI-NWK-E)	651.69	23.65
26 09 23 00-0695	EA		1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	646.81	23.65
26 09 23 00-0696	EA		2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	860.91	23.65
26 09 23 00-0697	MLF		5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	1,836.83	734.90
26 09 23 00-0698	MLF		5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	2,326.21	734.90
26 09 23 00-0699 Fixture Mounted Occupancy Sensors (Leviton) (26 09 23)					
Note: Includes testing of new devices and certification.					
26 09 23 00-0700	EA		120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	104.80	23.65
26 09 23 00-0701	EA		480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W)	93.54	23.65
26 09 23 00-0702	EA		120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	114.10	23.65
26 09 23 00-0703	EA		480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	93.54	23.65
26 09 23 00-0704	EA		120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	137.76	10.50
26 09 23 00-0705 Wireless Enabled Communication Devices For Streetlights (26 09 23)					
Note: Includes testing of new devices and certification.					
26 09 23 00-0706 Wireless Enabled Communication Devices For Streetlights (Roam®) (26 09 23 00-0705)					
26 09 23 00-0707 Wireless Enabled Communication Nodes For Streetlights (Roam®) (26 09 23 00-0706)					
Note: 2.4GHz wireless enabled communication node for wireless remote on/off, group scheduling, photocontrol and diagnostics.					
26 09 23 00-0708	EA		120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	207.99	
26 09 23 00-0709	EA		480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	287.73	
26 09 23 00-0710 Wireless Enabled Communication Devices For Streetlights (Roam®) (26 09 23 00-0706)					
26 09 23 00-0711	EA		Retrofit Receptacle Kit (Roam® DUR103)	42.54	
Note: For adapting light fixtures for use with a NEMA locking type photocontrol.					
26 09 23 00-0712	EA		Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	8,088.38	57.15
26 09 23 00-0713 Counter Mounted Consolets (26 09 23)					
26 09 23 00-0714	EA		20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	475.52	131.23
26 09 23 00-0715 Lighting Console And Stations (26 09 23)					

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0716	EA		80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40).....	2,928.01	131.23
			<i>For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add</i>	61.64	
			<i>For Lighting Console Case (ETC ColorSourcePart 11866), Add</i>	657.22	
26 09 23 00-0717	EA		10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	2,014.96	78.74
26 09 23 00-0718			Theatre Lighting Console <small>(26 09 23)</small>		
26 09 23 00-0719	EA		Theatre Lighting Console (ETC Colorsources 20)	2,142.14	157.48
26 09 23 00-0720			Emergency Lighting Controls <small>(26 09 23)</small>		
26 09 23 00-0721			Emergency Lighting Control Units (Watt Stopper ELCU) <small>(26 09 23 00-0720)</small>		
			Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0722	EA		DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	183.31	26.28
26 09 23 00-0723	EA		1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	183.31	26.28
26 09 23 00-0724			Emergency Shunt Relays (Lighting Control & Design GR 2001™) <small>(26 09 23 00-0720)</small>		
			Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0725	EA		1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	253.69	36.79
26 09 23 00-0726	EA		2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	341.29	42.05
26 09 23 00-0727	EA		2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)	454.79	47.31
			Note: Controls normal and emergency lighting from single-pole wall switch.		
26 09 23 00-0728			Photocells <small>(26 09 23)</small>		
26 09 23 00-0729	EA		Plug-In Photocell For Lighting Fixtures (Intermac® LC2000).....	72.70	
26 09 23 00-0730	EA		Wired Photocell For Lighting Fixtures (Intermac® K4021C)	180.76	
26 09 23 00-0731			Outdoor Lighting Motion Sensors <small>(26 09 23)</small>		
26 09 23 00-0732	EA		70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	91.28	26.28
26 09 23 00-0733	EA		70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000).....	98.30	26.28
26 09 23 00-0734	EA		30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR).....	358.94	26.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	
26 09 23 00-0735			Street Light Controls <small>(26 09 23)</small>		
26 09 23 00-0736			Photo Controls <small>(26 09 23 00-0735)</small>		
26 09 23 00-0737	EA		Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014.....	87.82	
26 09 23 00-0738	EA		Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016.....	101.11	
26 09 23 00-0739			Connector Node <small>(26 09 23 00-0735)</small>		
26 09 23 00-0740	EA		Outdoor Lighting Connector Node (Philips City Touch LLC7260).....	322.18	2.63

26 10 Medium-Voltage Electrical Distribution (26)**26 11 Substations** (26 10)**26 11 13 Primary Unit Substations** (26 11)**26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section** (26 11 13)**26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard"** (26 11 13 00-0001)

Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment

26 11 13 00-0003	EA		14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	46,043.92	1,812.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,106.17	
26 11 13 00-0004	EA		23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	56,495.98	2,292.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,382.71	
26 11 13 00-0005	EA		34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	63,908.39	2,292.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,382.71	
26 11 13 00-0006	EA		46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	73,428.73	2,292.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,474.89	
26 11 13 00-0007	EA		69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	83,320.08	2,825.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,701.79	
26 11 13 00-0008			Accessories For Outdoor Oil Circuit Breakers <small>(26 11 13 00-0001)</small>		
26 11 13 00-0009	EA		Reclosure Relay, Adjustable, 3 Shot, #179.....	1,305.93	191.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.57	
26 11 13 00-0010	EA		Overcurrent Relay, 1 Phase, #51/51N.....	434.38	139.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.74	
26 11 13 00-0011	EA		Directional Overcurrent Relay, Three-Phase, Device No. 67.....	640.95	139.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0012 EA Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase.....	507.50	139.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	75.74	
26 11 13 00-0013 EA Differential Relay Package, Complete, Device No. 87.....	1,898.71	469.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	283.73	
26 11 13 00-0014 "Switchyard", Substation Transformer Section <small>(26 11 13)</small>		
Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015 14.4 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0016 EA 1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	26,759.31	1,812.51
For 50 Hz Operation, Add	2,768.65	
For Forced Air Cooling, Add	2,768.65	
For External Control Panel, Add	692.16	
For Internally Mounted Current Transformers And Linear Couplers, Add	230.72	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,153.60	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	2,884.01	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	3,460.81	
26 11 13 00-0017 EA 2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	30,656.44	2,270.97
For 50 Hz Operation, Add	3,125.69	
For Forced Air Cooling, Add	3,125.69	
For External Control Panel, Add	781.42	
For Internally Mounted Current Transformers And Linear Couplers, Add	260.47	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,302.37	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	3,255.93	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	3,907.11	
26 11 13 00-0018 EA 5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	47,086.11	3,198.55
For 50 Hz Operation, Add	4,863.73	
For Forced Air Cooling, Add	4,863.73	
For External Control Panel, Add	1,215.93	
For Internally Mounted Current Transformers And Linear Couplers, Add	405.31	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,026.55	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	5,066.38	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	6,079.66	
26 11 13 00-0019 EA 7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	67,944.94	3,791.90
For 50 Hz Operation, Add	7,171.96	
For Forced Air Cooling, Add	7,171.96	
For External Control Panel, Add	1,792.99	
For Internally Mounted Current Transformers And Linear Couplers, Add	597.66	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,988.32	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	7,470.79	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	8,964.95	
26 11 13 00-0020 EA 10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	83,729.04	4,907.16
For 50 Hz Operation, Add	8,820.69	
For Forced Air Cooling, Add	8,820.69	
For External Control Panel, Add	2,205.17	
For Internally Mounted Current Transformers And Linear Couplers, Add	735.06	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,675.29	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	9,188.22	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	11,025.87	
26 11 13 00-0021 23 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0022 EA 1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	29,988.90	2,452.22
For 50 Hz Operation, Add	3,045.59	
For External Control Panel, Add	761.40	
For Internally Mounted Current Transformers And Linear Couplers, Add	253.80	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,268.99	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	3,172.49	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	3,806.98	
For Forced Air Cooling, Add	2,030.39	
26 11 13 00-0023 EA 2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	34,284.93	2,452.22
For 50 Hz Operation, Add	3,446.32	
For External Control Panel, Add	861.58	
For Internally Mounted Current Transformers And Linear Couplers, Add	287.19	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	1,435.97	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	3,589.92	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	4,307.90	
For Forced Air Cooling, Add	2,297.55	
26 11 13 00-0024 EA 5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	54,775.20	3,625.03
For 50 Hz Operation, Add	5,688.09	
For External Control Panel, Add	1,422.02	
For Internally Mounted Current Transformers And Linear Couplers, Add	474.01	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,370.04	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	5,925.10	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	7,110.12	
For Forced Air Cooling, Add	3,792.06	
26 11 13 00-0025 EA 7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	73,424.48	4,907.16
For 50 Hz Operation, Add	7,584.15	
For External Control Panel, Add	1,896.04	
For Internally Mounted Current Transformers And Linear Couplers, Add	632.01	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,160.06	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	7,900.15	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	9,480.18	
For Forced Air Cooling, Add	5,056.10	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 11 13 00-0026	EA 10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	90,598.76 9,645.06 2,411.27 803.76 4,018.78 10,046.94 12,056.33 6,430.04	4,907.16
26 11 13 00-0027	34.5 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0028	EA 1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	37,624.38 3,847.05 961.76 320.59 1,602.94 4,007.35 4,808.82 2,564.70	2,932.00
26 11 13 00-0029	EA 2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	45,441.68 4,648.52 1,162.13 387.38 1,936.88 4,842.21 5,810.65 3,099.01	4,584.58
26 11 13 00-0030	EA 5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	62,801.90 6,430.06 1,607.52 535.84 2,679.19 6,697.98 8,037.58 4,286.71	4,584.58
26 11 13 00-0031	EA 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	80,294.15 8,408.51 2,102.13 700.71 3,503.54 8,758.86 10,510.63 5,605.67	4,795.64
26 11 13 00-0032	EA 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	138,114.38 15,003.43 3,750.86 1,250.29 6,251.43 15,628.58 18,754.29 10,002.29	6,133.95
26 11 13 00-0033	46 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0034	EA 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	57,419.04 6,085.80 1,521.45 507.15 2,535.75 6,339.38 7,607.25 4,057.20	3,411.79
26 11 13 00-0035	EA 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	64,870.82 6,899.57 1,724.89 574.96 2,874.82 7,187.05 8,624.46 4,599.71	3,411.79
26 11 13 00-0036	EA 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	89,710.56 9,659.10 2,414.78 804.93 4,024.63 10,061.57 12,073.88 6,439.40	4,584.58
26 11 13 00-0037	EA 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	109,806.97 11,606.54 2,901.64 967.21 4,836.06 12,090.15 14,508.18 7,737.70	6,133.95

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0038	EA		10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	155,331.20 17,069.45 4,267.36 1,422.45 7,112.27 17,780.68 21,336.81 11,379.63	6,133.95
26 11 13 00-0039			69 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0040	EA		1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	82,308.64 8,992.11 2,248.03 749.34 3,746.71 9,366.78 11,240.13 5,994.74	3,625.03
26 11 13 00-0041	EA		2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	94,647.98 10,251.59 2,562.90 854.30 4,271.50 10,678.74 12,814.49 6,834.40	4,584.58
26 11 13 00-0042	EA		5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	129,550.49 14,439.89 3,609.97 1,203.32 6,016.62 15,041.56 18,049.87 9,626.60	4,584.58
26 11 13 00-0043	EA		7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	137,614.86 14,943.49 3,735.87 1,245.29 6,226.45 15,566.14 18,679.36 9,962.33	6,133.95
26 11 13 00-0044	EA		10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	179,653.34 19,988.11 4,997.03 1,665.68 8,328.38 20,820.95 24,985.14 13,325.41	6,133.95
26 11 13 00-0045			Circuit Breakers Fluarc SF6 13.8 KV <small>(26 11 13)</small>		
26 11 13 00-0046	EA		1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	48,900.34	861.89
26 11 13 00-0047	EA		1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	53,666.82	861.89
26 11 13 00-0048	EA		1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	61,125.37	1,070.60
26 11 13 00-0049	EA		2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	57,235.83	1,287.35
26 11 13 00-0050	EA		2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	64,436.61	1,287.35
26 11 13 00-0051	EA		2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	73,519.91	1,495.61
26 11 13 00-0052	EA		3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	75,836.75	1,708.74
26 11 13 00-0053	EA		3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	84,802.13	1,708.74
26 11 13 00-0054	EA		3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	88,919.04	1,918.93
26 11 16			Secondary Unit Substations <small>(26 11)</small>		
26 11 16 11			Secondary Unit Substations with Switchgear Secondary <small>(26 11 16)</small>		
26 11 16 11-0001			Substation Primary Incoming Section <small>(26 11 16 11)</small>		
26 11 16 11-0002			Manual Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.		
26 11 16 11-0003	EA		112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	32,319.27	1,265.66
26 11 16 11-0004	EA		2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	37,300.86	1,265.66
26 11 16 11-0005			Automatic Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 11-0006	EA		112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch.....	45,720.20	1,265.66
26 11 16 11-0007	EA		2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch.....	48,962.25	1,265.66
26 11 16 11-0008			Accessories For Substation Fused Load Break Switches <small>(26 11 16 11-0001)</small>		
26 11 16 11-0009	EA		Primary Lightning Arrestors Accessories, Secondary Distribution Section.....	6,502.77	
26 11 16 11-0010	EA		Key Interlock Accessories, Secondary Distribution Section.....	632.96	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0011			Oil Filled Substation Transformers <small>(26 11 16 11)</small> Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 11-0012			Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ <small>(26 11 16 11-0011)</small>		
26 11 16 11-0013	EA		75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	12,350.47	799.64
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	752.58	
			For Control Power Transformer On Fans And Auxiliary, Add	322.54	
			For Internal Mounted Current Transformer And Linear Coupler, Add	107.51	
26 11 16 11-0014	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	17,977.48	959.57
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,124.08	
			For Control Power Transformer On Fans And Auxiliary, Add	481.75	
			For Internal Mounted Current Transformer And Linear Coupler, Add	160.58	
26 11 16 11-0015	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	20,332.62	1,066.19
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,274.02	
			For Control Power Transformer On Fans And Auxiliary, Add	546.01	
			For Internal Mounted Current Transformer And Linear Coupler, Add	182.00	
26 11 16 11-0016	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	24,112.42	1,332.73
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,501.29	
			For Control Power Transformer On Fans And Auxiliary, Add	643.41	
			For Internal Mounted Current Transformer And Linear Coupler, Add	214.47	
26 11 16 11-0017	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	27,007.51	1,652.58
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,659.16	
			For Control Power Transformer On Fans And Auxiliary, Add	711.07	
			For Internal Mounted Current Transformer And Linear Coupler, Add	237.02	
26 11 16 11-0018	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	29,072.21	2,025.75
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,751.45	
			For Control Power Transformer On Fans And Auxiliary, Add	750.62	
			For Internal Mounted Current Transformer And Linear Coupler, Add	250.21	
26 11 16 11-0019	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	34,086.96	2,452.22
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,042.78	
			For Control Power Transformer On Fans And Auxiliary, Add	875.48	
			For Internal Mounted Current Transformer And Linear Coupler, Add	291.83	
26 11 16 11-0020	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	36,358.74	2,665.46
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,171.95	
			For Control Power Transformer On Fans And Auxiliary, Add	930.83	
			For Internal Mounted Current Transformer And Linear Coupler, Add	310.28	
26 11 16 11-0021	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	40,594.40	2,932.00
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,431.13	
			For Control Power Transformer On Fans And Auxiliary, Add	1,041.91	
			For Internal Mounted Current Transformer And Linear Coupler, Add	347.30	
26 11 16 11-0022	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	46,845.66	3,251.86
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,823.94	
			For Control Power Transformer On Fans And Auxiliary, Add	1,210.26	
			For Internal Mounted Current Transformer And Linear Coupler, Add	403.42	
26 11 16 11-0023	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	51,421.28	3,545.05
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	3,103.18	
			For Control Power Transformer On Fans And Auxiliary, Add	1,329.93	
			For Internal Mounted Current Transformer And Linear Coupler, Add	443.31	
26 11 16 11-0024			Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ <small>(26 11 16 11-0011)</small>		
26 11 16 11-0025	EA		75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	11,814.11	799.64
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	715.04	
			For Control Power Transformer On Fans And Auxiliary, Add	306.45	
			For Internal Mounted Current Transformer And Linear Coupler, Add	102.15	
26 11 16 11-0026	EA		112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	17,483.70	799.64
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,111.91	
			For Control Power Transformer On Fans And Auxiliary, Add	476.53	
			For Internal Mounted Current Transformer And Linear Coupler, Add	158.84	
26 11 16 11-0027	EA		150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	20,320.75	1,066.19
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,273.19	
			For Control Power Transformer On Fans And Auxiliary, Add	545.65	
			For Internal Mounted Current Transformer And Linear Coupler, Add	181.88	
26 11 16 11-0028	EA		225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	24,132.85	1,332.73
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,502.72	
			For Control Power Transformer On Fans And Auxiliary, Add	644.02	
			For Internal Mounted Current Transformer And Linear Coupler, Add	214.67	
26 11 16 11-0029	EA		300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	29,091.69	1,652.58
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,805.06	
			For Control Power Transformer On Fans And Auxiliary, Add	773.60	
			For Internal Mounted Current Transformer And Linear Coupler, Add	257.87	
26 11 16 11-0030	EA		500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	31,667.39	2,025.75
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,933.11	
			For Control Power Transformer On Fans And Auxiliary, Add	828.48	
			For Internal Mounted Current Transformer And Linear Coupler, Add	276.16	
26 11 16 11-0031	EA		750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	35,285.32	2,452.22
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,126.66	
			For Control Power Transformer On Fans And Auxiliary, Add	911.43	
			For Internal Mounted Current Transformer And Linear Coupler, Add	303.81	
26 11 16 11-0032	EA		1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	38,423.01	2,665.46
			For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,316.45	
			For Control Power Transformer On Fans And Auxiliary, Add	992.76	
			For Internal Mounted Current Transformer And Linear Coupler, Add	330.92	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	43,263.82 2,617.99 1,121.99 374.00	2,932.00
26 11 16 11-0034		Accessories For Oil Filled Substation Transformers (26 11 16 11-0011)		
26 11 16 11-0035	EA	Sudden Pressure Relay	3,258.65	
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	6,469.52	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	4,259.93	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X).....	23,640.48	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	22,118.02	
26 11 16 11-0040		Reinforced Concrete Curb With 6" Slab (26 11 16 11-0011) Note: For transformer liquid containment area.		
26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,876.96	1,107.25
26 11 16 11-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,540.52	1,276.68
26 11 16 11-0049		Dry Type Substation Transformer (26 11 16 11) Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 11-0050		Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt (26 11 16 11-0049) Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 11-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,112.69	852.95
		<i>For Gas Filled Transformers, Add</i>	11,644.08	
		<i>For Single Phase Transformers, Deduct</i>	-485.17	
		<i>For Dry Type Unit, Add</i>	4,440.09	
26 11 16 11-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,219.31	906.25
		<i>For Gas Filled Transformers, Add</i>	11,644.08	
		<i>For Single Phase Transformers, Deduct</i>	-485.17	
		<i>For Dry Type Unit, Add</i>	4,450.75	
26 11 16 11-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,791.94	1,066.19
		<i>For Gas Filled Transformers, Add</i>	11,795.75	
		<i>For Single Phase Transformers, Deduct</i>	-491.49	
		<i>For Dry Type Unit, Add</i>	4,538.34	
26 11 16 11-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,049.36	1,172.81
		<i>For Gas Filled Transformers, Add</i>	13,022.26	
		<i>For Single Phase Transformers, Deduct</i>	-542.59	
		<i>For Dry Type Unit, Add</i>	5,009.39	
26 11 16 11-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	26,760.87	1,386.03
		<i>For Gas Filled Transformers, Add</i>	14,393.27	
		<i>For Single Phase Transformers, Deduct</i>	-599.72	
		<i>For Dry Type Unit, Add</i>	5,554.74	
26 11 16 11-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	30,999.03	1,599.27
		<i>For Gas Filled Transformers, Add</i>	16,680.29	
		<i>For Single Phase Transformers, Deduct</i>	-695.01	
		<i>For Dry Type Unit, Add</i>	6,435.96	
26 11 16 11-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	36,041.59	1,919.13
		<i>For Gas Filled Transformers, Add</i>	19,322.00	
		<i>For Single Phase Transformers, Deduct</i>	-805.08	
		<i>For Dry Type Unit, Add</i>	7,468.56	
26 11 16 11-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	42,491.14	2,132.36
		<i>For Gas Filled Transformers, Add</i>	22,935.85	
		<i>For Single Phase Transformers, Deduct</i>	-955.66	
		<i>For Dry Type Unit, Add</i>	8,836.28	
26 11 16 11-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	54,637.07	2,238.98
		<i>For Gas Filled Transformers, Add</i>	30,095.46	
		<i>For Single Phase Transformers, Deduct</i>	-1,253.98	
		<i>For Dry Type Unit, Add</i>	11,482.80	
26 11 16 11-0060		Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt (26 11 16 11-0049) Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 11-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	20,423.99	852.95
		<i>For Gas Filled Transformers, Add</i>	11,230.86	
		<i>For Single Phase Transformers, Deduct</i>	-467.95	
		<i>For Dry Type Unit, Add</i>	4,288.57	
26 11 16 11-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,219.31	906.25
		<i>For Gas Filled Transformers, Add</i>	11,644.08	
		<i>For Single Phase Transformers, Deduct</i>	-485.17	
		<i>For Dry Type Unit, Add</i>	4,450.75	
26 11 16 11-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,791.94	1,066.19
		<i>For Gas Filled Transformers, Add</i>	11,795.75	
		<i>For Single Phase Transformers, Deduct</i>	-491.49	
		<i>For Dry Type Unit, Add</i>	4,538.34	
26 11 16 11-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,049.36	1,172.81
		<i>For Gas Filled Transformers, Add</i>	13,022.26	
		<i>For Single Phase Transformers, Deduct</i>	-542.59	
		<i>For Dry Type Unit, Add</i>	5,009.39	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0065	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	26,760.87	1,386.03
			<i>For Gas Filled Transformers, Add</i>	14,393.27	
			<i>For Single Phase Transformers, Deduct</i>	-599.72	
			<i>For Dry Type Unit, Add</i>	5,554.74	
26 11 16 11-0066	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	30,999.03	1,599.27
			<i>For Gas Filled Transformers, Add</i>	16,680.29	
			<i>For Single Phase Transformers, Deduct</i>	-695.01	
			<i>For Dry Type Unit, Add</i>	6,435.96	
26 11 16 11-0067	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	36,041.59	1,919.13
			<i>For Gas Filled Transformers, Add</i>	19,322.00	
			<i>For Single Phase Transformers, Deduct</i>	-805.08	
			<i>For Dry Type Unit, Add</i>	7,468.56	
26 11 16 11-0068	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	42,491.14	2,132.36
			<i>For Gas Filled Transformers, Add</i>	22,935.85	
			<i>For Single Phase Transformers, Deduct</i>	-955.66	
			<i>For Dry Type Unit, Add</i>	8,836.28	
26 11 16 11-0069	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	54,637.07	2,238.98
			<i>For Gas Filled Transformers, Add</i>	30,095.46	
			<i>For Single Phase Transformers, Deduct</i>	-1,253.98	
			<i>For Dry Type Unit, Add</i>	11,482.80	
26 11 16 11-0070	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	59,878.16	2,345.60
			<i>For Gas Filled Transformers, Add</i>	33,112.18	
			<i>For Single Phase Transformers, Deduct</i>	-1,379.67	
			<i>For Dry Type Unit, Add</i>	12,610.25	
26 11 16 11-0071	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	66,693.69	2,452.22
			<i>For Gas Filled Transformers, Add</i>	37,073.55	
			<i>For Single Phase Transformers, Deduct</i>	-1,544.73	
			<i>For Dry Type Unit, Add</i>	14,084.08	
26 11 16 11-0072	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	76,652.12	2,558.84
			<i>For Gas Filled Transformers, Add</i>	42,920.66	
			<i>For Single Phase Transformers, Deduct</i>	-1,788.36	
			<i>For Dry Type Unit, Add</i>	16,249.34	
26 11 16 11-0073			Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0074	EA		112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	22,751.08	959.57
			<i>For Gas Filled Transformers, Add</i>	12,499.17	
			<i>For Single Phase Transformers, Deduct</i>	-520.80	
			<i>For Dry Type Unit, Add</i>	4,774.94	
26 11 16 11-0075	EA		150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	23,542.41	1,012.87
			<i>For Gas Filled Transformers, Add</i>	12,910.00	
			<i>For Single Phase Transformers, Deduct</i>	-537.92	
			<i>For Dry Type Unit, Add</i>	4,936.24	
26 11 16 11-0076	EA		225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	25,265.52	1,172.81
			<i>For Gas Filled Transformers, Add</i>	13,751.95	
			<i>For Single Phase Transformers, Deduct</i>	-573.00	
			<i>For Dry Type Unit, Add</i>	5,276.94	
26 11 16 11-0077	EA		300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	26,712.84	1,279.41
			<i>For Gas Filled Transformers, Add</i>	14,492.40	
			<i>For Single Phase Transformers, Deduct</i>	-603.85	
			<i>For Dry Type Unit, Add</i>	5,569.76	
26 11 16 11-0078	EA		500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	30,491.21	1,492.65
			<i>For Gas Filled Transformers, Add</i>	16,503.54	
			<i>For Single Phase Transformers, Deduct</i>	-687.65	
			<i>For Dry Type Unit, Add</i>	6,349.83	
26 11 16 11-0079	EA		750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	33,837.67	1,705.89
			<i>For Gas Filled Transformers, Add</i>	18,255.53	
			<i>For Single Phase Transformers, Deduct</i>	-760.65	
			<i>For Dry Type Unit, Add</i>	7,034.87	
26 11 16 11-0080	EA		1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	39,543.04	2,025.75
			<i>For Gas Filled Transformers, Add</i>	21,294.93	
			<i>For Single Phase Transformers, Deduct</i>	-887.29	
			<i>For Dry Type Unit, Add</i>	8,213.29	
26 11 16 11-0081	EA		1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	47,722.28	2,238.98
			<i>For Gas Filled Transformers, Add</i>	25,946.59	
			<i>For Single Phase Transformers, Deduct</i>	-1,081.11	
			<i>For Dry Type Unit, Add</i>	9,961.55	
26 11 16 11-0082	EA		2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	57,354.28	2,345.60
			<i>For Gas Filled Transformers, Add</i>	31,597.85	
			<i>For Single Phase Transformers, Deduct</i>	-1,316.58	
			<i>For Dry Type Unit, Add</i>	12,055.00	
26 11 16 11-0083			Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0084	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	22,751.08	959.57
			<i>For Gas Filled Transformers, Add</i>	12,499.17	
			<i>For Single Phase Transformers, Deduct</i>	-520.80	
			<i>For Dry Type Unit, Add</i>	4,774.94	
26 11 16 11-0085	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	23,542.41	1,012.87
			<i>For Gas Filled Transformers, Add</i>	12,910.00	
			<i>For Single Phase Transformers, Deduct</i>	-537.92	
			<i>For Dry Type Unit, Add</i>	4,936.24	
26 11 16 11-0086	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	25,265.52	1,172.81
			<i>For Gas Filled Transformers, Add</i>	13,751.95	
			<i>For Single Phase Transformers, Deduct</i>	-573.00	
			<i>For Dry Type Unit, Add</i>	5,276.94	
26 11 16 11-0087	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	26,712.84	1,279.41
			<i>For Gas Filled Transformers, Add</i>	14,492.40	
			<i>For Single Phase Transformers, Deduct</i>	-603.85	
			<i>For Dry Type Unit, Add</i>	5,569.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0088 EA 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	30,491.21 16,503.54 -687.65 6,349.83	1,492.65
26 11 16 11-0089 EA 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	29,856.78 15,866.99 -661.12 6,159.08	1,705.89
26 11 16 11-0090 EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	31,364.76 16,387.96 -682.83 6,414.07	2,025.75
26 11 16 11-0091 EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	38,352.32 20,324.61 -846.86 7,900.15	2,238.98
26 11 16 11-0092 EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	45,209.57 24,311.02 -1,012.96 9,383.16	2,345.60
26 11 16 11-0093 EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	50,389.69 27,291.15 -1,137.13 10,497.20	2,452.22
26 11 16 11-0094 EA 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	58,878.01 32,256.20 -1,344.01 12,339.04	2,558.84
26 11 16 11-0095 EA 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	71,789.51 39,875.16 -1,661.47 15,153.98	2,665.46

26 12 Medium-Voltage Transformers (26 10)

26 12 13 Liquid-Filled, Medium-Voltage Transformers (26 12)

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers (26 12 13)

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent

Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA (26 12 13 00-0001)

26 12 13 00-0003 EA 10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	1,746.71	430.37
26 12 13 00-0004 EA 15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	2,128.13	537.97
26 12 13 00-0005 EA 25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	2,503.30	645.55
26 12 13 00-0006 EA 37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	3,199.57	806.94
26 12 13 00-0007 EA 50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	3,812.62	968.33
26 12 13 00-0008 EA 75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	4,967.96	1,129.72
26 12 13 00-0009 EA 100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	5,897.72	1,344.90

26 12 13 00-0010 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent

Taps FCAN And FCBN. Rated To 5 KVA (26 12 13 00-0001)

26 12 13 00-0011 EA 10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,746.71	430.37
26 12 13 00-0012 EA 15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,152.46	537.97
26 12 13 00-0013 EA 25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,503.30	645.55
26 12 13 00-0014 EA 37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,199.57	806.94
26 12 13 00-0015 EA 50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,812.62	968.33
26 12 13 00-0016 EA 75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,717.89	1,129.72
26 12 13 00-0017 EA 100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,770.73	1,344.90

26 12 13 00-0018 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps

FCBN And FCAN (26 12 13 00-0001)

26 12 13 00-0019 EA 10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,718.32	430.37
26 12 13 00-0020 EA 15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,051.09	537.97
26 12 13 00-0021 EA 25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,427.11	645.55
26 12 13 00-0022 EA 37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,181.99	806.94
26 12 13 00-0023 EA 50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,738.38	968.33
26 12 13 00-0024 EA 75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,764.78	1,129.72
26 12 13 00-0025 EA 100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,782.46	1,344.90

26 12 13 00-0026 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent

Taps FCBN And FCAN (26 12 13 00-0001)

26 12 13 00-0027 EA 10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,850.10	430.37
26 12 13 00-0028 EA 15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,186.93	537.97
26 12 13 00-0029 EA 25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,782.97	645.55
26 12 13 00-0030 EA 37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,498.77	806.94
26 12 13 00-0031 EA 50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,093.50	968.33
26 12 13 00-0032 EA 75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,289.98	1,129.72
26 12 13 00-0033 EA 100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,630.31	1,344.90

26 12 13 00-0034 Transformer Platforms (26 12 13 00-0001)

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 12 Medium-Voltage Transformers



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA.....	3,559.29	726.79
26 12 13 00-0036 Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops				
FCBN Auto FCAN (26 12 13 00-0001)				
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,970.27	430.37
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,296.04	537.97
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,783.99	645.55
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,497.51	806.94
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,200.65	1,022.12
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,293.14	1,129.72
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,630.31	1,344.90
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,747.34	1,721.47
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,368.44	2,313.24
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,286.41	2,689.81
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	16,075.92	2,904.99
26 12 13 00-0048 Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL (26 12 13 00-0001)				
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	1,746.71	526.98
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	2,128.13	658.68
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	2,502.85	789.62
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	3,200.61	989.53
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	3,811.62	1,185.34
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	4,966.61	1,380.52
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	5,897.72	1,646.81
26 12 13 00-0056 Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN (26 12 13 00-0001)				
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,746.71	526.98
26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,152.46	658.68
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,502.85	789.62
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,200.61	989.53
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,811.62	1,185.34
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,716.54	1,380.52
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,770.73	1,646.81
26 12 13 00-0064 Primary 7.2 To 14.4 KV Ground Y (26 12 13 00-0001)				
26 12 13 00-0065 Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN (26 12 13 00-0064)				
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,533.46	430.37
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,866.60	537.97
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,192.74	645.55
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,814.19	806.94
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,456.64	968.33
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,835.24	1,129.72
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,638.73	1,344.90
26 12 13 00-0073 Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN (26 12 13 00-0064)				
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,468.96	430.37
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,785.50	537.97
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,155.88	645.55
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,740.47	806.94
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,355.27	968.33
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,466.62	1,129.72
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,270.12	1,344.90
26 12 13 00-0081 3 Phase Oil Filled Distribution Transformers (26 12 13)				
26 12 13 00-0082 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt (26 12 13 00-0081)				
Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.				
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	6,260.63	1,506.29
26 12 13 00-0084	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	7,407.24	1,613.89
26 12 13 00-0085	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	9,677.06	2,044.25
26 12 13 00-0086	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	12,496.41	2,582.22
26 12 13 00-0087	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	16,987.07	2,904.99
26 12 13 00-0088	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	25,037.71	3,873.32
26 12 13 00-0089 Removal And Relocation Of Transformers (26 12 13)				
26 12 13 00-0090	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer.....	1,066.08	
26 12 13 00-0091	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers.....	1,961.88	

26 12 16 Dry-Type, Medium-Voltage Transformers (26 12)

26 12 16 00-0001 Removal and Relocation of Transformers (26 12 16)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 12 16 00-0002	EA			Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	442.46	
26 12 16 00-0003	EA			Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	1,966.51	

26 12 19 Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers (26 12)

26 12 19 00-0001 Single Phase Pad Mounted Distribution Transformers (26 12 19)

Note: Designed for residential and multi-family buildings. UL listed.

26 12 19 00-0002 Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled (26 12 19 00-0001)

Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.

26 12 19 00-0003 Primary, 4.16/4.8 KV Ground Y Or Delta (26 12 19 00-0002)

Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.

26 12 19 00-0004	EA			25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,360.71	533.09
26 12 19 00-0005	EA			37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,747.78	639.71
26 12 19 00-0006	EA			50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,442.75	746.33
26 12 19 00-0007	EA			75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,307.80	799.64
26 12 19 00-0008	EA			100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,941.93	852.95
26 12 19 00-0009	EA			167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,780.87	1,119.49

26 12 19 00-0010 Factory Modifications Material Cost Only (26 12 19 00-0002)

26 12 19 00-0011	EA			Loadbreaker Current Limiting Fuse Factory Modifications.....	549.41	
26 12 19 00-0012	EA			Loadbreaker Oil Switch, 2 Position Factory Modifications	577.28	
26 12 19 00-0013	EA			Loadbreaker Inserts, Factory Modifications	635.01	

26 12 19 00-0014 Distribution - Single Phase Multiple Building Transformer (26 12 19 00-0001)

Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.

26 12 19 00-0015 Primary, 4.16/4.8 KVA Ground Y Or Delta (26 12 19 00-0014)

Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.

26 12 19 00-0016	EA			25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,946.44	533.09
26 12 19 00-0017	EA			37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,522.36	533.09
26 12 19 00-0018	EA			50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,941.99	730.33
26 12 19 00-0019	EA			75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,037.19	730.33
26 12 19 00-0020	EA			100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,754.67	959.57
26 12 19 00-0021	EA			167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	8,170.05	959.57
26 12 19 00-0022	EA			250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	12,602.62	1,332.73

26 12 19 00-0023 Factory Modifications Material Cost Only (26 12 19 00-0014)

26 12 19 00-0024	EA			Loadbreaker Current Limiting Fuse Factory Modifications.....	732.55	
26 12 19 00-0025	EA			Lightning Arrestors, Factory Modifications	185.61	
26 12 19 00-0026	EA			Loadbreaker Oil Switch, 2 Position Factory Modifications	577.28	
26 12 19 00-0027	EA			Loop Feed Air Switch, Factory Modifications	939.57	
26 12 19 00-0028	EA			Loadbreaker Inserts (Two), Factory Modifications	250.82	
26 12 19 00-0029	EA			Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications.....	216.98	

26 12 19 00-0030 Primary, 12.47 KV Ground Y Or Delta (26 12 19 00-0014)

Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.

26 12 19 00-0031	EA			25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,216.43	533.09
26 12 19 00-0032	EA			37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,612.22	533.09
26 12 19 00-0033	EA			50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,906.67	730.33
26 12 19 00-0034	EA			75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,821.20	730.33
26 12 19 00-0035	EA			100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,202.59	959.57
26 12 19 00-0036	EA			167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	8,959.66	959.67
26 12 19 00-0037	EA			250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	11,342.42	1,332.73

26 12 19 00-0038 Oil Filled Distribution Transformer Single Phase Cluster Mounted (26 12 19 00-0001)

Note: Conventional type.

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 12 Medium-Voltage Transformers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0039			13.8/14.4 KV Ground Y Or Delta Primary 120/240V <small>(26 12 19 00-0038)</small> Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA		10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,865.67	361.62
26 12 19 00-0041	EA		37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,632.36	508.52
26 12 19 00-0042	EA		50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,492.79	813.63
26 12 19 00-0043	EA		100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,375.84	813.63
26 12 19 00-0044	EA		167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,782.45	1,333.45
26 12 19 00-0045	EA		250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,776.07	1,333.45
26 12 19 00-0046			Oil Filled Distribution Transformer Single Phase <small>(26 12 19 00-0001)</small>		
26 12 19 00-0047			7.2 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0048	EA		10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,793.79	384.22
26 12 19 00-0049	EA		15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,057.31	384.22
26 12 19 00-0050	EA		25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,571.84	542.42
26 12 19 00-0051	EA		37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,663.62	542.42
26 12 19 00-0052	EA		50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,378.91	734.53
26 12 19 00-0053	EA		100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,192.26	1,130.05
26 12 19 00-0054	EA		167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,638.69	1,130.05
26 12 19 00-0055	EA		250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,554.15	1,412.56
26 12 19 00-0056			7.2 KV Primary, 240/480 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0057	EA		10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,793.79	384.22
26 12 19 00-0058	EA		15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,057.31	384.22
26 12 19 00-0059	EA		25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,571.84	542.42
26 12 19 00-0060	EA		37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,663.62	542.42
26 12 19 00-0061	EA		50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,378.91	734.53
26 12 19 00-0062	EA		75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,120.64	994.44
26 12 19 00-0063	EA		100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,192.26	994.44
26 12 19 00-0064	EA		167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,638.69	1,254.35
26 12 19 00-0065	EA		250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,554.15	1,412.56
26 12 19 00-0066			2.4 KV Primary, 277 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0067	EA		10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,019.37	384.22
26 12 19 00-0068	EA		15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,303.15	384.22
26 12 19 00-0069	EA		25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,863.31	542.42
26 12 19 00-0070	EA		37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,035.95	542.42
26 12 19 00-0071	EA		50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,805.39	734.53
26 12 19 00-0072	EA		75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,636.82	994.44
26 12 19 00-0073	EA		100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,980.57	994.44
26 12 19 00-0074	EA		167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,745.14	1,254.35
26 12 19 00-0075	EA		250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,054.08	1,412.56
26 12 19 00-0076			2.4 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0077	EA		10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,793.79	384.22
26 12 19 00-0078	EA		15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,057.31	384.22
26 12 19 00-0079	EA		25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,571.84	738.03
26 12 19 00-0080	EA		37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,663.62	994.44
26 12 19 00-0081	EA		50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,378.91	734.53
26 12 19 00-0082	EA		75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,963.95	994.44
26 12 19 00-0083	EA		100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,190.79	994.44
26 12 19 00-0084			2.4 KV Primary, 240/480 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0085	EA		10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,793.79	384.22
26 12 19 00-0086	EA		15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,057.31	384.22
26 12 19 00-0087	EA		25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,571.84	542.42
26 12 19 00-0088	EA		37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,663.62	542.42
26 12 19 00-0089	EA		50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,378.91	734.53
26 12 19 00-0090	EA		75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,963.95	994.44
26 12 19 00-0091	EA		100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,190.79	994.44
26 12 19 00-0092			2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0093	EA		10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,443.03	395.52
26 12 19 00-0094	EA		15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,661.06	440.72
26 12 19 00-0095	EA		25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,189.57	485.92
26 12 19 00-0096	EA		37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,123.57	678.03
26 12 19 00-0097	EA		50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,631.69	791.03
26 12 19 00-0098	EA		75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,218.42	926.64
26 12 19 00-0099	EA		100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,417.66	1,062.25
26 12 19 00-0100	EA		167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	11,266.26	1,356.05
26 12 19 00-0101	EA		250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,168.45	1,525.56

26 13 Medium-Voltage Switchgear (26 10)

26 13 16 Medium-Voltage Fusible Interrupter Switchgear (26 13)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 13 16 00-0001				"Switchyard", Substation Secondary Distribution Section <small>(26 13 16)</small> Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.		
26 13 16 00-0002				4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0003	EA			1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	10,903.95	1,175.25
				<i>For Weatherproofing, Add</i>	2,234.07	
26 13 16 00-0004	EA			1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	11,426.49	1,175.25
				<i>For Weatherproofing, Add</i>	2,349.03	
26 13 16 00-0005	EA			1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	15,507.51	1,497.31
				<i>For Weatherproofing, Add</i>	3,213.40	
26 13 16 00-0006	EA			2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	21,027.55	1,497.31
				<i>For Weatherproofing, Add</i>	4,402.61	
26 13 16 00-0007	EA			2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	29,990.32	1,808.07
				<i>For Weatherproofing, Add</i>	6,344.33	
26 13 16 00-0008	EA			3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	27,447.21	1,808.07
				<i>For Weatherproofing, Add</i>	5,772.05	
26 13 16 00-0009				7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0010	EA			1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,127.98	1,356.05
				<i>For Weatherproofing, Add</i>	3,366.31	
26 13 16 00-0011	EA			2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,836.61	1,695.07
				<i>For Weatherproofing, Add</i>	4,126.51	
26 13 16 00-0012	EA			3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,765.33	2,034.09
				<i>For Weatherproofing, Add</i>	5,830.82	
26 13 16 00-0013				13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0014	EA			1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	15,601.71	1,356.05
				<i>For Weatherproofing, Add</i>	3,235.60	
26 13 16 00-0015	EA			1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	21,386.06	1,356.05
				<i>For Weatherproofing, Add</i>	4,475.65	
26 13 16 00-0016	EA			1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	31,087.53	1,808.07
				<i>For Weatherproofing, Add</i>	6,572.92	
26 13 16 00-0017	EA			2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,635.19	1,808.07
				<i>For Weatherproofing, Add</i>	4,068.62	
26 13 16 00-0018	EA			2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	28,331.52	2,260.09
				<i>For Weatherproofing, Add</i>	5,949.41	
26 13 16 00-0019	EA			2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	39,470.07	2,260.09
				<i>For Weatherproofing, Add</i>	8,365.73	
26 13 16 00-0020	EA			3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,322.17	2,260.09
				<i>For Weatherproofing, Add</i>	5,717.90	
26 13 16 00-0021	EA			3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	37,705.38	2,260.09
				<i>For Weatherproofing, Add</i>	7,969.66	
26 13 16 00-0022	EA			3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	48,726.87	2,260.09
				<i>For Weatherproofing, Add</i>	10,363.59	
26 13 16 00-0023				4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0024	EA			1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,961.85	740.18
				<i>For Weatherproofing, Add</i>	987.80	
26 13 16 00-0025	EA			1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,378.47	740.18
				<i>For Weatherproofing, Add</i>	1,299.45	
26 13 16 00-0026	EA			2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,974.46	983.14
				<i>For Weatherproofing, Add</i>	1,397.05	
26 13 16 00-0027	EA			2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,642.44	1,214.80
				<i>For Weatherproofing, Add</i>	1,731.22	
26 13 16 00-0028	EA			3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,509.57	1,214.80
				<i>For Weatherproofing, Add</i>	2,361.99	
26 13 16 00-0029				7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0030	EA			1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,247.56	1,130.05
				<i>For Weatherproofing, Add</i>	1,256.22	
26 13 16 00-0031	EA			2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,167.21	1,130.05
				<i>For Weatherproofing, Add</i>	1,645.25	
26 13 16 00-0032	EA			3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,351.96	1,130.05
				<i>For Weatherproofing, Add</i>	2,533.04	
26 13 16 00-0033				13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0034	EA			1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,470.50	960.54
				<i>For Weatherproofing, Add</i>	1,289.66	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 13 Medium-Voltage Switchgear**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 13 16 00-0035	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	6,880.48	960.54
		<i>For Weatherproofing, Add</i>	1,379.86	
26 13 16 00-0036	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	9,801.28	1,186.55
		<i>For Weatherproofing, Add</i>	1,989.40	
26 13 16 00-0037	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	8,856.04	1,423.85
		<i>For Weatherproofing, Add</i>	1,748.57	
26 13 16 00-0038	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	10,788.07	1,423.85
		<i>For Weatherproofing, Add</i>	2,173.62	
26 13 16 00-0039	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	12,412.83	1,661.17
		<i>For Weatherproofing, Add</i>	2,497.48	
26 13 16 00-0040	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	11,739.27	1,898.48
		<i>For Weatherproofing, Add</i>	2,316.30	
26 13 16 00-0041	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	13,063.16	1,898.48
		<i>For Weatherproofing, Add</i>	2,607.56	
26 13 16 00-0042	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	16,027.82	2,124.49
		<i>For Weatherproofing, Add</i>	3,226.49	
26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections (26 13 16 00-0001)				
26 13 16 00-0044	EA	1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section.....	3,231.12	716.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	429.68	
26 13 16 00-0045	EA	2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section.....	4,005.90	794.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	476.81	
26 13 16 00-0046	EA	3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section.....	5,201.89	956.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	573.63	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section.....	3,566.22	1,437.76
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	3,763.97	95.89
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	5,015.33	95.89
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	9,154.04	95.89
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	7,201.80	95.89
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	7,858.69	95.89
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	10,684.21	95.89
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	1,724.93	95.89
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	1,944.89	95.89
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section.....	2,935.28	95.89
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67.....	1,891.98	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0058	EA	AC Ammeter With Switch.....	762.48	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer.....	762.48	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0060	EA	Indicating Wattmeter.....	1,109.65	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0061	EA	Indicating Varmeter.....	1,302.26	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element.....	831.44	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N.....	2,287.83	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87.....	3,560.66	95.89
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary.....	528.86	95.89
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses.....	2,388.36	95.89
26 13 19 Medium-Voltage Vacuum Interrupter Switchgear (26 13)				
26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV (26 13 19)				
26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	38,472.55	1,412.56
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	42,516.03	1,785.47
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	48,283.87	1,785.47
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	44,031.35	1,412.56
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	49,470.85	1,412.56
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	56,397.77	1,661.17
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	58,255.04	1,898.48
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	63,722.17	1,898.48
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	69,646.97	2,135.79
26 13 29 Medium-Voltage Compartmentalized Switchgear (26 13)				
26 13 29 00-0001 Substation Secondary Distribution Section (26 13 29)				
		Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker (26 13 29 00-0001)				
		Note: With solid state long - time and instantaneous trips.		
26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206.....	12,315.00	919.35
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416.....	19,556.83	1,389.97
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420.....	26,487.44	1,707.36
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632.....	43,748.97	1,980.99
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840.....	56,160.94	2,254.61
26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker (26 13 29 00-0001)				
26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	5,455.98	279.09
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	6,304.29	279.09
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	8,247.10	410.42
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	11,747.07	410.42

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 13 29 00-0013	EA			4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	19,573.28	601.96
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26 13 29 00-0014 Switchgear Compartment, Blank, Use As Filler Or Metering (26 13 29 00-0001)

Note: No provisions for future breaker.

26 13 29 00-0015	EA			600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	2,849.69	311.92
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	178.36	
26 13 29 00-0016	EA			3,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	3,552.21	311.92
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.38	
26 13 29 00-0017	EA			4,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	4,663.68	481.56
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	300.98	

26 13 29 00-0018 Accessories For Substation Secondary Distribution (26 13 29 00-0001)

26 13 29 00-0019	EA			Short Time Delay Accessories, Secondary Distribution Section.....	1,509.48	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0020	EA			Key Interlock Accessories, Secondary Distribution Section.....	1,193.00	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0021	EA			Ammeter And Switch Complete Accessories, Secondary Distribution Section.....	3,599.48	95.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0022	EA			Voltmeter And Switch Complete Accessories, Secondary Distribution Section.....	3,599.48	95.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0023	EA			Wattmeter - Complete Accessories, Secondary Distribution Section.....	4,734.05	95.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0024	EA			Watt-hour Meter - Complete Accessories, Secondary Distribution Section.....	6,107.48	95.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0025	EA			Circuit Breaker Lifting Device Accessories, Secondary Distribution Section.....	2,704.82	109.39
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.62	
26 13 29 00-0026	EA			Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section.....	9,359.01	1,620.13
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	972.09	
26 13 29 00-0027	EA			Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800.....	1,676.68	95.89
26 13 29 00-0028	EA			Potential Transformers Each With Fuses Accessories, Secondary Distribution Section.....	1,954.69	95.89
26 13 29 00-0029	EA			Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section.....	1,041.37	47.95
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.77	
26 13 29 00-0030	EA			3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section.....	7,650.10	95.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 13 29 00-0031	EA			3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section.....	993.59	47.95

26 18 Medium-Voltage Circuit Protection Devices (26 10)

26 18 36 Medium-Voltage Enclosed Fuses (26 18)

26 18 36 00-0001				Sectionalizing Switch <small>(26 18 36)</small>		
26 18 36 00-0002				Pad Mounted Metal Enclosed Oil Filled Switching Units <small>(26 18 36 00-0001)</small>		
				Note: 15 KV - 25 KV.		
26 18 36 00-0003				Sectionalizing Tapping And Fusing Underground Feeders <small>(26 18 36 00-0002)</small>		
				Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA			3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	23,873.60	799.64
26 18 36 00-0005	EA			3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	26,804.75	799.64

26 20 Low-Voltage Electrical Distribution (26)

26 21 Low-Voltage Electrical Service Entrance (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance (26 21)

26 21 13 00-0001				Service Drop Cable And Weatherheads <small>(26 21 13)</small>		
26 21 13 00-0002				600 Volt Insulated Stranded Conductors <small>(26 21 13 00-0001)</small>		
26 21 13 00-0003				Aluminum Duplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0004	LF			#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	6.90	2.69
26 21 13 00-0005	LF			#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	8.24	3.19
26 21 13 00-0006	LF			#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	9.45	3.59
26 21 13 00-0007	LF			1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.19	4.52
26 21 13 00-0008				Aluminum Triplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0009	LF			#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	8.28	3.19
26 21 13 00-0010	LF			#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	9.40	3.59
26 21 13 00-0011	LF			#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	11.88	4.52
26 21 13 00-0012	LF			1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	14.65	5.52
26 21 13 00-0013	LF			2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	19.27	7.29
26 21 13 00-0014	LF			4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	24.18	9.04
26 21 13 00-0015	LF			336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	30.28	10.77
26 21 13 00-0016				Aluminum Quadruplex ACSR Neutral <small>(26 21 13 00-0002)</small>		
26 21 13 00-0017	LF			#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	9.41	3.59
26 21 13 00-0018	LF			#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	11.87	4.52
26 21 13 00-0019	LF			#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	15.27	5.80
26 21 13 00-0020	LF			1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	19.52	7.29

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 21 Low-Voltage Electrical Service Entrance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	21.66	8.07
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	24.60	9.04
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	29.14	10.77
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	33.99	11.89

26 21 13 00-0025 Weatherproof Conduit Hubs (26 21 13 00-0002)

26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	48.07	18.47
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	54.80	21.00
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	63.12	23.52
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	87.26	31.50
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	95.58	34.02
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	120.80	39.47
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	154.25	44.52
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	196.18	52.49
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	354.70	104.99

26 21 13 00-0035 Service Entrance Cap, Threaded Weatherhead, Galvanized (26 21 13 00-0002)

26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service.....	53.82	18.47
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service.....	61.69	21.00
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	70.54	23.52
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	94.77	31.50
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	106.88	34.02
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service.....	139.48	39.47
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service.....	230.69	44.52
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service.....	262.94	52.49
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service.....	435.71	104.99

26 21 13 00-0045 Service Entrance Cap, Clamp-On Weatherhead, Aluminum (26 21 13 00-0002)

26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	52.15	18.47
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	58.89	21.00
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	66.75	23.41
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	88.78	31.50
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	98.79	34.02
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	116.36	39.47
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	187.33	44.52
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	241.13	52.49
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	340.36	78.74
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	409.76	104.99

26 21 13 00-0056 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) (26 21 13 00-0002)

26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	50.29	18.47
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	57.51	21.00
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	65.26	23.41
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	86.96	31.50
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	94.67	34.02
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	115.70	39.47
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	189.63	44.52
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	212.96	52.49
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	363.89	78.74
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	503.27	104.99

26 21 16 Low-Voltage Underground Electrical Service Entrance (26 21)**26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial** (26 21 16)

Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	2,891.45	1,004.50
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	3,164.32	1,063.60
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	3,525.94	1,130.05
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	3,826.25	1,130.05
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	4,170.61	1,205.42
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	4,885.41	1,390.86
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial.....	6,162.47	1,808.07

26 22 Low-Voltage Transformers (26 20)**26 22 13 Low-Voltage Distribution Transformers** (26 22)**26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers** (26 22 13)

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	733.91	268.30
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	944.30	321.97
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,100.31	335.92
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,257.56	348.80

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 22	13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,628.99	375.62
	26 22	13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,882.42 53.88 80.81	402.46
	26 22	13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,047.87 59.47 89.20	429.29
	26 22	13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,074.55 55.43 83.15	482.95
	26 22	13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,422.25 67.45 101.18	536.61
	26 22	13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,116.50 91.43 137.15	643.93
	26 22	13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,867.57 118.25 177.38	751.25
	26 22	13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	5,854.70 196.15 294.22	965.89
	26 22	13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	9,803.22 372.11 558.16	1,180.53
	26 22	13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	14,689.85 600.34 900.51	1,341.52
	26 22	13 00-0017		240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001) Note: 1-10 Percent x 2-5 percent FCBN taps.		
	26 22	13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	852.48	321.97
	26 22	13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	953.18	335.38
	26 22	13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,093.09	348.80
	26 22	13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,242.22	375.62
	26 22	13 00-0022		240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001) Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
	26 22	13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,882.42	402.46
	26 22	13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	2,047.87	429.29
	26 22	13 00-0025		1 Phase Mounting Brackets (26 22 13 00-0001)		
	26 22	13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA.....	491.70	191.79
	26 22	13 00-0027		1 Phase Weathershields (26 22 13 00-0001) Note: Use with types DT-3 and DS-3.		
	26 22	13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2.....	38.82	
	26 22	13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2.....	49.48	
	26 22	13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2.....	59.00	
	26 22	13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2.....	70.38	
	26 22	13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2.....	95.23	
	26 22	13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2.....	113.86	
	26 22	13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2.....	139.73	
	26 22	13 00-0035		Packaged Power Supply (26 22 13 00-0001) Note: 2-5 Percent FCBN taps.		
	26 22	13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers.....	1,241.40	335.38
	26 22	13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers.....	1,364.84	348.80
	26 22	13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers.....	1,476.04	375.62
	26 22	13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers.....	1,745.60	402.46
	26 22	13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers.....	2,261.69	429.29
	26 22	13 00-0041		240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade (26 22 13 00-0001)		
	26 22	13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	912.50	241.48
	26 22	13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,204.23	268.30
	26 22	13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,415.06	321.97
	26 22	13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,540.22	335.38
	26 22	13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,701.61	348.80
	26 22	13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	2,107.19	375.62
	26 22	13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	2,634.91	402.46
	26 22	13 00-0049		1 Phase, 208/600 Volt, Dry General Purpose Transformer (26 22 13 00-0001)		
	26 22	13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	3,134.17	402.46
	26 22	13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	3,265.04	429.29
	26 22	13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	3,404.11	456.11
	26 22	13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	4,351.15	482.95
	26 22	13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	4,530.94	509.78

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0055	EA		50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	5,872.49	536.61
26 22 13 00-0056			3 Phase General Purpose "Dry Type" Transformer ^(26 22 13) Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057			Packaged Power Supply ^(26 22 13 00-0056) Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA		15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	5,042.63	1,153.70
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	136.76	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	205.14	
26 22 13 00-0059	EA		22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	5,857.91	1,234.20
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	169.48	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	254.21	
26 22 13 00-0060	EA		30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	6,841.94	1,341.52
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	207.95	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	311.92	
26 22 13 00-0061			Drive Isolation Transformers ^(26 22 13 00-0056) Note: Only use in step-up applications.		
26 22 13 00-0062			230 Volt Drive Isolation Transformers ^(26 22 13 00-0061)		
26 22 13 00-0063	EA		7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,279.42	429.29
26 22 13 00-0064	EA		11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,785.86	456.11
26 22 13 00-0065	EA		15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,930.08	482.95
26 22 13 00-0066	EA		20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,571.75	509.78
26 22 13 00-0067	EA		27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,772.04	563.43
26 22 13 00-0068	EA		34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,244.00	617.10
26 22 13 00-0069	EA		40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,899.49	670.76
26 22 13 00-0070	EA		51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,832.00	751.25
26 22 13 00-0071	EA		63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,355.34	778.08
26 22 13 00-0072	EA		75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,388.21	804.91
26 22 13 00-0073	EA		93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,353.20	831.74
26 22 13 00-0074	EA		118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,717.69	1,019.56
26 22 13 00-0075	EA		145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,999.82	1,073.21
26 22 13 00-0076	EA		175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,779.41	1,126.88
26 22 13 00-0077	EA		220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,991.77	1,341.52
26 22 13 00-0078	EA		275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	23,623.09	1,582.99
26 22 13 00-0079	EA		330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	25,014.83	1,743.98
26 22 13 00-0080	EA		440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	30,252.68	1,931.79
26 22 13 00-0081	EA		550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	37,078.82	2,146.43
26 22 13 00-0082			208V Drive Isolation Transformers ^(26 22 13 00-0061)		
26 22 13 00-0083	EA		7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,402.64	429.29
26 22 13 00-0084	EA		11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,932.13	456.11
26 22 13 00-0085	EA		15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,080.95	482.95
26 22 13 00-0086	EA		20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,752.56	509.78
26 22 13 00-0087	EA		27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,957.58	563.43
26 22 13 00-0088	EA		30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,394.43	590.27
26 22 13 00-0089	EA		45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,185.15	697.59
26 22 13 00-0090	EA		51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,103.27	751.25
26 22 13 00-0091	EA		63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,650.52	778.08
26 22 13 00-0092	EA		75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,733.23	804.91
26 22 13 00-0093	EA		93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,795.50	831.74
26 22 13 00-0094	EA		118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,210.33	1,019.56
26 22 13 00-0095	EA		145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,552.26	1,073.21
26 22 13 00-0096	EA		175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,416.97	1,126.88
26 22 13 00-0097	EA		220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	18,770.98	1,341.52
26 22 13 00-0098			480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps ^(26 22 13 00-0056)		
26 22 13 00-0099	EA		9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,462.80	442.70
26 22 13 00-0100	EA		15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,130.28	482.95
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	108.22	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	162.33	
26 22 13 00-0101			480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps ^(26 22 13 00-0056)		
26 22 13 00-0102	EA		30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,558.05	590.27
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	118.88	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	178.31	
			<i>For K4 Factor Rating, Add</i>	1,664.26	
			<i>For K13 Factor Rating, Add</i>	2,377.52	
			<i>For K20 Factor Rating, Add</i>	3,090.78	
26 22 13 00-0103	EA		37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,226.61	643.93
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	146.94	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	220.41	
			<i>For K4 Factor Rating, Add</i>	2,057.13	
			<i>For K13 Factor Rating, Add</i>	2,938.75	
			<i>For K20 Factor Rating, Add</i>	3,820.38	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22	13 00-0104	EA		45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	4,443.41	697.59
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	152.41	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	228.62	
				<i>For K4 Factor Rating, Add</i>	2,133.76	
				<i>For K13 Factor Rating, Add</i>	3,048.23	
				<i>For K20 Factor Rating, Add</i>	3,962.70	
26 22	13 00-0105	EA		50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,668.76	751.25
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	208.31	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	312.47	
				<i>For K4 Factor Rating, Add</i>	2,916.38	
				<i>For K13 Factor Rating, Add</i>	4,166.26	
				<i>For K20 Factor Rating, Add</i>	5,416.14	
26 22	13 00-0106	EA		75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,654.63	804.91
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	202.24	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	303.36	
				<i>For K4 Factor Rating, Add</i>	2,831.37	
				<i>For K13 Factor Rating, Add</i>	4,044.81	
				<i>For K20 Factor Rating, Add</i>	5,258.25	
26 22	13 00-0107	EA		112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	7,002.42	965.89
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	253.53	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	380.30	
				<i>For K4 Factor Rating, Add</i>	3,549.44	
				<i>For K13 Factor Rating, Add</i>	5,070.63	
				<i>For K20 Factor Rating, Add</i>	6,591.82	
26 22	13 00-0108	EA		150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	8,908.90	1,073.21
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	338.12	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	507.19	
				<i>For K4 Factor Rating, Add</i>	4,733.73	
				<i>For K13 Factor Rating, Add</i>	6,762.47	
				<i>For K20 Factor Rating, Add</i>	8,791.21	
26 22	13 00-0109	EA		225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	12,026.66	1,341.52
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	467.18	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	700.77	
				<i>For K4 Factor Rating, Add</i>	6,540.53	
				<i>For K13 Factor Rating, Add</i>	9,343.62	
				<i>For K20 Factor Rating, Add</i>	12,146.71	
26 22	13 00-0110	EA		300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	14,688.11	1,663.48
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	568.06	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	852.09	
				<i>For K4 Factor Rating, Add</i>	7,952.80	
				<i>For K13 Factor Rating, Add</i>	11,361.14	
				<i>For K20 Factor Rating, Add</i>	14,769.48	
26 22	13 00-0111	EA		500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	20,714.77	2,039.11
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	831.83	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,247.74	
				<i>For K4 Factor Rating, Add</i>	11,645.59	
				<i>For K13 Factor Rating, Add</i>	16,636.56	
				<i>For K20 Factor Rating, Add</i>	21,627.53	
26 22	13 00-0112	EA		750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	45,517.16	2,452.22
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,029.02	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,043.53	
				<i>For K4 Factor Rating, Add</i>	28,406.26	
				<i>For K13 Factor Rating, Add</i>	40,580.37	
				<i>For K20 Factor Rating, Add</i>	52,754.48	
26 22	13 00-0113	EA		1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	59,393.56	2,683.04
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,701.37	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,052.06	
				<i>For K4 Factor Rating, Add</i>	37,819.24	
				<i>For K13 Factor Rating, Add</i>	54,027.49	
				<i>For K20 Factor Rating, Add</i>	70,235.74	
26 22	13 00-0114			480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN		
				Taps <small>(26 22 13 00-0056)</small>		
26 22	13 00-0115	EA		6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	2,061.16	415.87
				<i>For K4 Factor Rating, Add</i>	860.59	
				<i>For K13 Factor Rating, Add</i>	1,229.42	
				<i>For K20 Factor Rating, Add</i>	1,598.25	
26 22	13 00-0116	EA		9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	2,462.80	442.70
				<i>For K4 Factor Rating, Add</i>	1,104.18	
				<i>For K13 Factor Rating, Add</i>	1,577.40	
				<i>For K20 Factor Rating, Add</i>	2,050.62	
26 22	13 00-0117	EA		15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	3,130.28	482.95
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	108.22	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	162.33	
				<i>For K4 Factor Rating, Add</i>	1,515.07	
				<i>For K13 Factor Rating, Add</i>	2,164.39	
				<i>For K20 Factor Rating, Add</i>	2,813.71	
26 22	13 00-0118			480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps		
				<small>(26 22 13 00-0056)</small>		
26 22	13 00-0119	EA		30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,706.24	590.27
				<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	226.29	
				<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	339.43	
				<i>For K4 Factor Rating, Add</i>	3,168.00	
				<i>For K13 Factor Rating, Add</i>	4,525.71	
				<i>For K20 Factor Rating, Add</i>	5,883.42	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 22 Low-Voltage Transformers

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 22 13 00-0120	EA 45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	6,431.40	697.59
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	251.81	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	377.72	
	For K4 Factor Rating, Add	3,525.35	
	For K13 Factor Rating, Add	5,036.22	
	For K20 Factor Rating, Add	6,547.09	
26 22 13 00-0121	EA 75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	9,269.31	804.91
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	382.97	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	574.46	
	For K4 Factor Rating, Add	5,361.64	
	For K13 Factor Rating, Add	7,659.49	
	For K20 Factor Rating, Add	9,957.34	
26 22 13 00-0122	EA 112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	11,593.15	965.89
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	483.07	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	724.60	
	For K4 Factor Rating, Add	6,762.95	
	For K13 Factor Rating, Add	9,661.36	
	For K20 Factor Rating, Add	12,559.77	
26 22 13 00-0123	EA 150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	13,874.66	1,073.21
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	586.41	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	879.62	
	For K4 Factor Rating, Add	8,209.76	
	For K13 Factor Rating, Add	11,728.23	
	For K20 Factor Rating, Add	15,246.70	
26 22 13 00-0124	EA 225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	17,751.54	1,341.52
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	753.43	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,130.14	
	For K4 Factor Rating, Add	10,547.95	
	For K13 Factor Rating, Add	15,068.50	
	For K20 Factor Rating, Add	19,589.05	
26 22 13 00-0125	EA 300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	21,615.29	1,663.48
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	914.42	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,371.62	
	For K4 Factor Rating, Add	12,801.82	
	For K13 Factor Rating, Add	18,288.32	
	For K20 Factor Rating, Add	23,774.82	
26 22 13 00-0126	EA 500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	34,115.79	2,039.11
	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,501.88	
	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	2,252.82	
	For K4 Factor Rating, Add	21,026.31	
	For K13 Factor Rating, Add	30,037.58	
	For K20 Factor Rating, Add	39,048.85	
26 22 13 00-0127	3 Phase 60 Hz K20 Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0128	3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise (26 22 13 00-0127)		
	Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	2,956.29	482.95
26 22 13 00-0130	EA 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	4,333.42	590.27
26 22 13 00-0131	EA 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	6,196.22	697.59
26 22 13 00-0132	EA 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	7,833.39	804.91
26 22 13 00-0133	EA 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	11,531.96	965.89
26 22 13 00-0134	EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	13,928.20	1,073.21
26 22 13 00-0135	EA 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	16,288.86	1,341.52
26 22 13 00-0136	EA 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	25,418.26	1,663.48
26 22 13 00-0137	3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise (26 22 13 00-0127)		
	Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	3,355.89	482.95
26 22 13 00-0139	EA 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	4,964.39	590.27
26 22 13 00-0140	EA 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	7,156.05	697.59
26 22 13 00-0141	EA 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	9,076.19	804.91
26 22 13 00-0142	EA 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	13,451.61	965.89
26 22 13 00-0143	EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	16,285.70	1,073.21
26 22 13 00-0144	EA 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	19,009.64	1,341.52
26 22 13 00-0145	EA 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	29,836.90	1,663.48
26 22 13 00-0146	NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0147	Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0146)		
	Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148	150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)		
26 22 13 00-0149	EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,059.15	479.78
26 22 13 00-0150	EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,731.93	586.40
26 22 13 00-0151	EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,495.66	693.02
26 22 13 00-0152	EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,005.47	799.64
26 22 13 00-0153	EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,008.74	959.57
26 22 13 00-0154	EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,933.01	1,066.19

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 22	13 00-0155	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	13,150.64	1,332.73
26 22	13 00-0156	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	18,460.10	1,652.58
26 22 13 00-0157 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)						
26 22	13 00-0158	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,690.86	479.78
26 22	13 00-0159	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,497.11	586.40
26 22	13 00-0160	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,428.76	693.02
26 22	13 00-0161	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	7,327.54	799.64
26 22	13 00-0162	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,373.32	959.57
26 22	13 00-0163	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	12,273.20	1,066.19
26 22	13 00-0164	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	16,296.40	1,332.73
26 22	13 00-0165	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	23,006.58	1,652.58
26 22 13 00-0166 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)						
26 22	13 00-0167	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,320.02	479.78
26 22	13 00-0168	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,264.43	586.40
26 22	13 00-0169	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,361.87	693.02
26 22	13 00-0170	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,647.49	799.64
26 22	13 00-0171	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	11,094.98	959.57
26 22	13 00-0172	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	14,613.39	1,066.19
26 22	13 00-0173	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	19,442.17	1,332.73
26 22	13 00-0174	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	27,553.07	1,652.58
26 22 13 00-0175 Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0146)						
Note: Two taps at 2.5%, four at -2.5%.						
26 22 13 00-0176 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0175)						
26 22	13 00-0177	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,109.58	479.78
26 22	13 00-0178	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,009.37	586.40
26 22	13 00-0179	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,049.41	693.02
26 22	13 00-0180	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	8,207.50	799.64
26 22	13 00-0181	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	11,120.49	959.57
26 22	13 00-0182	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	13,914.10	1,066.19
26 22	13 00-0183	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	18,500.56	1,332.73
26 22	13 00-0184	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	26,194.86	1,652.58
26 22 13 00-0185 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0175)						
26 22	13 00-0186	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,738.74	479.78
26 22	13 00-0187	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,776.68	586.40
26 22	13 00-0188	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,982.52	693.02
26 22	13 00-0189	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	9,529.58	799.64
26 22	13 00-0190	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	14,470.31	959.57
26 22	13 00-0191	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	18,220.39	1,066.19
26 22	13 00-0192	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	23,253.22	1,332.73

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	34,588.53		1,652.58
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,370.02		479.78
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,543.99		586.40
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,915.62		693.02
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,849.52		799.64
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	17,161.21		959.57
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	22,124.97		1,066.19
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	28,003.75		1,332.73
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	41,292.40		1,652.58
26 22 13 00-0203		3 Phase Weathershields <small>(26 22 13 00-0056)</small> Note: Use with type DT-3 and DS-3.			
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	525.80		
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	892.91		
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	892.91		
26 22 13 00-0207		Three Phase Mounting Brackets <small>(26 22 13 00-0056)</small>			
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	664.26		191.79
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed <small>(26 22 13)</small>			
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer <small>(26 22 13 00-0209)</small> Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.			
26 22 13 00-0211		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.			
26 22 13 00-0212	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	14,439.70		1,279.41
26 22 13 00-0213	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	16,386.47		1,279.41
26 22 13 00-0214	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	19,269.04		2,207.00
26 22 13 00-0215	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	22,859.76		2,207.00
26 22 13 00-0216	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	26,534.61		3,305.17
26 22 13 00-0217	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	35,951.63		4,371.35
26 22 13 00-0218	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	47,136.63		5,544.15
26 22 13 00-0219	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	55,225.05		6,716.95
26 22 13 00-0220		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL <small>(26 22 13 00-0210)</small> Note: Rated to 5 KVA.			
26 22 13 00-0221	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	14,439.70		1,279.41
26 22 13 00-0222	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	16,386.47		1,279.41
26 22 13 00-0223	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	19,269.04		2,207.00
26 22 13 00-0224	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	22,951.33		2,207.00
26 22 13 00-0225	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	26,775.47		3,305.17
26 22 13 00-0226	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	36,008.62		4,371.35
26 22 13 00-0227	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	51,951.95		5,544.15
26 22 13 00-0228	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	56,254.20		6,716.95
26 22 13 00-0229		Factory Modifications <small>(26 22 13 00-0210)</small> Note: For use with series 4100 3 phase transformers.			
26 22 13 00-0230	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification.....	963.46		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 22 13 00-0231	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	156.67	
26 22 13 00-0232	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification.....	626.68	
26 22 13 00-0233	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	1,805.49	
26 22 13 00-0234	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	221.18	
26 22 13 00-0235	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	175.10	

26 22 13 00-0236 Accessories For Transformer Liquid Containment Area (26 22 13 00-0210)
 Note: Reinforced concrete curb with 6" slab.

26 22 13 00-0237	EA	Containment Area For 75 KVA	5,007.96	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,234.21</i>	
26 22 13 00-0238	EA	Containment Area For 112.5 KVA	5,007.96	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,234.21</i>	
26 22 13 00-0239	EA	Containment Area For 150 KVA	5,007.96	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,234.21</i>	
26 22 13 00-0240	EA	Containment Area For 225 KVA	5,007.96	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,234.21</i>	
26 22 13 00-0241	EA	Containment Area For 300 KVA	5,001.32	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,232.21</i>	
26 22 13 00-0242	EA	Containment Area For 500 KVA	5,001.32	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,232.21</i>	
26 22 13 00-0243	EA	Containment Area For 750 KVA	5,027.12	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,232.21</i>	
26 22 13 00-0244	EA	Containment Area For 1,000 KVA	5,401.28	1,851.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,232.21</i>	

26 22 13 00-0245 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL (26 22 13 00-0210)
 Note: Rated to 5 KVA.

26 22 13 00-0246	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	6,889.25	1,279.41
26 22 13 00-0247	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,442.20	1,279.41
26 22 13 00-0248	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,810.84	1,279.41
26 22 13 00-0249	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	8,916.74	1,279.41
26 22 13 00-0250	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	9,960.19	1,919.13
26 22 13 00-0251	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	10,328.83	1,919.13
26 22 13 00-0252	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	14,752.43	1,919.13
26 22 13 00-0253	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	18,939.39	2,558.84
26 22 13 00-0254	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	23,731.63	2,558.84

26 22 13 00-0255 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL (26 22 13 00-0210)
 Note: Rated to 5 KVA.

26 22 13 00-0256	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,073.57	1,279.41
26 22 13 00-0257	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,810.84	1,279.41
26 22 13 00-0258	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,995.15	1,279.41
26 22 13 00-0259	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	8,179.47	1,279.41
26 22 13 00-0260	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	9,960.19	1,919.13
26 22 13 00-0261	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	10,697.46	1,919.13
26 22 13 00-0262	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	14,752.43	1,919.13
26 22 13 00-0263	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	19,123.70	2,558.84
26 22 13 00-0264	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	23,731.63	2,558.84

26 22 13 00-0265 Primary 5 KV Or 15 KV, Secondary 277/480 Volt (26 22 13 00-0209)
 Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0266	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	11,702.77	1,656.92
26 22 13 00-0267	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	12,998.35	1,956.03
26 22 13 00-0268	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	14,888.66	2,390.70
26 22 13 00-0269	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	17,507.67	2,689.81
26 22 13 00-0270	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	20,800.03	2,831.29
26 22 13 00-0271	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	26,240.45	4,136.92
26 22 13 00-0272	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	30,544.99	4,680.26
26 22 13 00-0273	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	37,568.61	5,379.61
26 22 13 00-0274	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	41,059.59	5,648.59
26 22 13 00-0275	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	43,872.05	6,294.36
26 22 13 00-0276	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	49,650.83	6,724.73

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 22 Low-Voltage Transformers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 22 13 00-0277	Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled (26 22 13 00-0209)		
26 22 13 00-0278	EA 1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	44,030.24	4,751.45
26 22 13 00-0279	EA 2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	53,804.23	5,464.19
26 22 13 00-0280	EA 2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	60,725.37	5,751.73
26 22 13 00-0281	EA 3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	64,811.92	6,428.45
26 22 13 00-0282	EA 3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	72,088.55	6,623.23
26 22 13 00-0283	Silicone Filled Distribution Transformers, 3 Phase (26 22 13 00-0209)		
Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.			
26 22 13 00-0284	EA 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	18,839.84	1,956.03
26 22 13 00-0285	EA 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	20,659.59	2,390.70
26 22 13 00-0286	EA 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	24,051.52	2,689.81
26 22 13 00-0287	EA 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	28,503.28	2,831.29
26 22 13 00-0288	EA 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	35,285.47	4,136.92
26 22 13 00-0289	EA 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	43,949.69	4,680.26
26 22 13 00-0290	EA 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	53,053.28	5,379.61
26 22 13 00-0291	EA 2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	59,925.36	5,648.59
26 22 13 00-0292	Foam Core Poly Transformer Pads (26 22 13)		
26 22 13 00-0293	EA Single Phase Foam Core Poly Pads	173.07	34.58
Note: Excludes site prep.			

26 24 Switchboards And Panelboards (26 20)

26 24 13 Switchboards (26 24)

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001	Fusible Switch Type 240 Volt, 3 Phase, 3 Wire (26 24 13)		
26 24 13 00-0002	Incoming Service Section Main Device Only (26 24 13 00-0001)		
Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0003	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,755.99	918.30
26 24 13 00-0004	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,160.86	971.33
26 24 13 00-0005	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,756.74	1,101.83
26 24 13 00-0006	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,278.88	1,181.19
26 24 13 00-0007	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	11,729.07	1,259.40
26 24 13 00-0008	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,084.36	1,339.09
26 24 13 00-0009	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,562.51	918.30
26 24 13 00-0010	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,860.59	971.33
26 24 13 00-0011	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,188.18	1,102.77
26 24 13 00-0012	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,226.38	1,181.19
26 24 13 00-0013	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,729.07	1,260.67
26 24 13 00-0014	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,084.36	1,339.09
26 24 13 00-0015	EA 2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,741.77	1,399.98
26 24 13 00-0016	EA 3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	17,851.12	1,499.82
26 24 13 00-0017	EA 4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	21,084.01	1,616.78
26 24 13 00-0018	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,534.88	813.64
26 24 13 00-0019	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,803.17	866.23
26 24 13 00-0020	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,210.40	997.15
26 24 13 00-0021	EA 1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,463.77	1,039.04
26 24 13 00-0022	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,690.75	1,076.52
26 24 13 00-0023	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,046.21	1,154.21
26 24 13 00-0024	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,375.39	1,233.37
26 24 13 00-0025	Branch Breaker Units (26 24 13 00-0001)		
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.			
26 24 13 00-0026	EA 15 To 60 Amperes, 240 Volt, MC Branch Breaker	325.79	32.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0027	EA 70 To 100 Amperes, 240 Volt, MC Branch Breaker	477.05	50.39
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0028	EA 125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,284.70	91.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0029	EA 100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,284.27	119.68
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0030	EA 300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,062.55	293.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0031	EA 400 To 800 Amperes, 240 Volt, MC Branch Breaker	6,518.08	293.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0032	EA 600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	10,563.97	523.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			
26 24 13 00-0033	Fusible Switch Type 480 Volt, 3 Phase, 3 Wire (26 24 13)		
26 24 13 00-0034	Incoming Service Section Main Device Only (26 24 13 00-0033)		
Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0035	EA 400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,320.79	1,191.59
26 24 13 00-0036	EA 600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,948.55	1,191.59

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 13 00-0037	EA			800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	8,853.63	1,548.54
26 24 13 00-0038	EA			1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	10,040.38	1,548.54

26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire (26 24 13)

26 24 13 00-0040 Incoming Service Section Main Device Only (26 24 13 00-0039)

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0041	EA			200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	3,380.89	813.64
26 24 13 00-0042	EA			600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	3,767.53	866.23
26 24 13 00-0043	EA			800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	5,797.94	997.15
26 24 13 00-0044	EA			1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch.....	6,300.06	1,075.68
26 24 13 00-0045	EA			200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	4,146.50	813.64
26 24 13 00-0046	EA			600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	5,249.68	866.23
26 24 13 00-0047	EA			800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	7,388.06	997.15
26 24 13 00-0048	EA			1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	10,636.91	1,075.68
26 24 13 00-0049	EA			2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....	12,491.90	1,207.33
26 24 13 00-0050	EA			200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	2,356.21	708.54
26 24 13 00-0051	EA			600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	2,643.02	761.24
26 24 13 00-0052	EA			800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,102.81	892.17
26 24 13 00-0053	EA			1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,342.04	934.05
26 24 13 00-0054	EA			1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,573.75	971.33
26 24 13 00-0055	EA			1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	3,879.25	1,039.04
26 24 13 00-0056	EA			2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	4,178.29	1,101.83
26 24 13 00-0057	EA			2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	5,186.91	1,364.81
26 24 13 00-0058	EA			3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	5,808.17	1,496.04
26 24 13 00-0059	EA			4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....	6,845.56	1,614.15

26 24 13 00-0060 Branch Breaker Units (26 24 13 00-0039)

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0061	EA			15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker.....	174.41	27.82
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.69	
26 24 13 00-0062	EA			70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker.....	276.91	46.19
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.71	
26 24 13 00-0063	EA			125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker.....	848.95	64.56
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.74	
26 24 13 00-0064	EA			100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker.....	2,447.99	82.94
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.76	
26 24 13 00-0065	EA			300 To 600 Amperes, 120/240 Volt, MC Branch Breaker.....	3,851.07	202.10
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	121.25	
26 24 13 00-0066	EA			400 To 800 Amperes, 120/240 Volt, MC Branch Breaker.....	5,480.45	202.10
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	121.25	
26 24 13 00-0067	EA			600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker.....	9,033.17	385.82
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	231.52	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire (26 24 13)

26 24 13 00-0069 Incoming Service Section Main Device Only (26 24 13 00-0068)

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0070	EA			400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	3,757.27	918.30
26 24 13 00-0071	EA			600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	4,159.42	971.33
26 24 13 00-0072	EA			800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	6,754.88	1,101.83
26 24 13 00-0073	EA			1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	7,276.74	1,181.19
26 24 13 00-0074	EA			1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	11,724.22	1,259.40
26 24 13 00-0075	EA			2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	13,084.35	1,339.09
26 24 13 00-0076	EA			400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	4,563.79	918.30
26 24 13 00-0077	EA			600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	5,859.15	971.33
26 24 13 00-0078	EA			800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	8,188.18	1,102.77
26 24 13 00-0079	EA			1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	11,224.24	1,181.19
26 24 13 00-0080	EA			1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	11,726.64	1,260.67
26 24 13 00-0081	EA			2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	13,084.35	1,339.09
26 24 13 00-0082	EA			400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,662.71	813.64
26 24 13 00-0083	EA			600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,980.65	866.23
26 24 13 00-0084	EA			800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,476.55	997.15
26 24 13 00-0085	EA			1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,743.47	1,039.04
26 24 13 00-0086	EA			1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,001.70	1,076.52
26 24 13 00-0087	EA			1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,345.12	1,154.21
26 24 13 00-0088	EA			2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,693.26	1,233.37
26 24 13 00-0089	EA			2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	5,576.40	1,401.56
26 24 13 00-0090	EA			3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	6,174.18	1,499.72
26 24 13 00-0091	EA			4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	7,303.13	1,611.53

26 24 13 00-0092 Branch Breaker Units (26 24 13 00-0068)

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA			15 To 60 Amperes, 120/208 Volt, MC Branch Breaker.....	325.79	32.02
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.21	
26 24 13 00-0094	EA			70 To 100 Amperes, 120/208 Volt, MC Branch Breaker.....	477.05	50.39
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.24	
26 24 13 00-0095	EA			125 To 225 Amperes, 120/208 Volt, MC Branch Breaker.....	1,284.70	91.86
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.12	
26 24 13 00-0096	EA			100 To 400 Amperes, 120/208 Volt, MC Branch Breaker.....	2,284.27	119.68
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.81	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0097	EA		300 To 600 Amperes, 120/208 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,062.55 176.35	293.96
26 24 13 00-0098	EA		400 To 800 Amperes, 120/208 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,518.08 176.35	293.96
26 24 13 00-0099	EA		600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,563.97 314.33	523.88
26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire (26 24 13)					
26 24 13 00-0101 Incoming Service Section Main Device Only (26 24 13 00-0100)					
Note: Copper bus, non-metering type, with fuses.					
26 24 13 00-0102	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	4,864.76	1,259.40
26 24 13 00-0103	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,343.13	1,339.09
26 24 13 00-0104	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	7,633.74	1,494.68
26 24 13 00-0105	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	8,347.41	1,600.40
26 24 13 00-0106	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	6,234.04	1,259.40
26 24 13 00-0107	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	8,412.14	1,339.09
26 24 13 00-0108	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	9,533.20	1,496.35
26 24 13 00-0109	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	12,062.61	1,600.40
26 24 13 00-0110	EA		1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	12,618.43	1,706.54
26 24 13 00-0111	EA		2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	14,031.33	1,812.57
26 24 13 00-0112	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,662.71	813.64
26 24 13 00-0113	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,980.65	866.23
26 24 13 00-0114	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,476.55	997.15
26 24 13 00-0115	EA		1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,743.47	1,039.04
26 24 13 00-0116	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,001.70	1,076.52
26 24 13 00-0117	EA		1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,345.12	1,154.21
26 24 13 00-0118	EA		2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,693.26	1,233.37
26 24 13 00-0119 Branch Breaker Units (26 24 13 00-0100)					
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.					
26 24 13 00-0120	EA		15 To 60 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	677.51 19.21	32.02
26 24 13 00-0121	EA		70 To 100 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	779.70 30.24	50.39
26 24 13 00-0122	EA		125 To 225 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,413.94 55.12	91.86
26 24 13 00-0123	EA		100 To 400 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,284.27 71.81	119.68
26 24 13 00-0124	EA		300 To 600 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,472.72 176.35	293.96
26 24 13 00-0125	EA		400 To 800 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,598.69 176.35	293.96
26 24 13 00-0126	EA		600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,978.75 314.33	523.88
26 24 13 00-0127 Fusible Branch Circuit Switch (26 24 13)					
Note: Includes switch fuses, and portion of distribution section occupied by that branch device.					
26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units (26 24 13 00-0127)					
26 24 13 00-0129	EA		30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	693.51 285.99	82.42
26 24 13 00-0130	EA		30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	691.06 285.99	82.42
26 24 13 00-0131	EA		60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	691.06 285.99	82.42
26 24 13 00-0132	EA		60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,086.51 285.99	108.66
26 24 13 00-0133	EA		100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,086.51 285.99	108.66
26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units (26 24 13 00-0127)					
26 24 13 00-0135	EA		100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	794.54 273.97	80.84
26 24 13 00-0136	EA		200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,161.93 273.97	80.84
26 24 13 00-0137	EA		400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	2,985.59	217.84
26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units (26 24 13 00-0127)					
26 24 13 00-0139	EA		30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	889.88 285.99	92.91
26 24 13 00-0140	EA		30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	887.43 285.99	92.91
26 24 13 00-0141	EA		60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	887.43 285.99	92.91
26 24 13 00-0142	EA		60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,338.27 285.99	124.41
26 24 13 00-0143	EA		100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,338.27 285.99	124.41

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 13 00-0144		240 Volt, 3 Pole Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit.....	962.91	91.34
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit.....	1,561.81	91.34
		<i>For Electrical Interlock Kit, Add</i>	273.97	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit.....	4,003.05	243.88
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit.....	5,719.87	312.43
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit.....	10,660.87	423.30
26 24 13 00-0150		600 Volt, 3 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,260.74	92.91
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,258.27	92.91
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,260.74	92.91
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,897.84	124.41
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,939.26	124.41
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit.....	4,138.61	162.73
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0157		600 Volt, 3 Pole, Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit.....	1,362.34	91.34
		<i>For Electrical Interlock Kit, Add</i>	285.99	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit.....	2,068.90	91.34
		<i>For Electrical Interlock Kit, Add</i>	273.97	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit.....	5,031.66	243.88
		<i>For Electrical Interlock Kit, Add</i>	273.97	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit.....	6,109.21	312.43
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit.....	10,660.87	423.30
26 24 13 00-0163		Service And Distribution Structures <small>(26 24 13)</small>		
26 24 13 00-0164		Distribution Section 600 Volt, 250 Volt DC <small>(26 24 13 00-0163)</small>		
26 24 13 00-0165		600 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	2,479.42	965.87
26 24 13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	2,963.41	965.87
26 24 13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,300.04	1,228.33
26 24 13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,639.20	1,228.33
26 24 13 00-0170		800 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	2,788.08	1,118.10
26 24 13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,258.66	1,118.10
26 24 13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,639.20	1,385.81
26 24 13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,943.89	1,385.81
26 24 13 00-0175		1,200 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,265.80	1,364.81
26 24 13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,747.84	1,364.81
26 24 13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,152.20	1,679.77
26 24 13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,598.56	1,679.77
26 24 13 00-0180		1,600 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,047.50	1,496.04
26 24 13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,621.30	1,496.04
26 24 13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,101.36	1,847.74
26 24 13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,490.20	1,847.74
26 24 13 00-0185		2,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,242.13	1,501.29
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,861.64	1,690.27
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,966.76	1,690.27
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,172.78	1,784.75
26 24 13 00-0190		3,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,861.03	1,690.27
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,964.58	1,690.27
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,170.60	1,784.75
26 24 13 00-0194		4,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,995.63	1,784.75
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,170.60	1,784.75

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0197	EA		42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,245.00	1,784.75
26 24 13 00-0198			Pull Boy, Horizontal Mounted Across Top Of Switch Board <small>(26 24 13 00-0164)</small>		
26 24 13 00-0199	EA		18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	532.01	125.98
26 24 13 00-0200	EA		Drilled Bottom For Pull Boy.....	599.75	125.98
26 24 13 00-0201	EA		Cable Supports In Pull Box.....	215.21	31.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.50	
26 24 13 00-0202			Underground Pull Sections <small>(26 24 13 00-0164)</small>		
			Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA		12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal.....	515.03	146.98
26 24 13 00-0204	EA		24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal.....	892.92	188.97
26 24 13 00-0205	EA		24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal.....	892.92	188.97
26 24 13 00-0206	EA		14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	668.11	146.98
26 24 13 00-0207	EA		28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	957.16	215.22
26 24 13 00-0208	EA		14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,092.02	215.22
26 24 13 00-0209	EA		26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,144.15	278.21
26 24 13 00-0210	EA		38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,207.67	278.21
26 24 13 00-0211			Switchboard Sections <small>(26 24 13 00-0163)</small>		
26 24 13 00-0212	EA		600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,151.97	874.85
26 24 13 00-0213	EA		800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,547.83	950.96
26 24 13 00-0214	EA		1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	5,702.79	1,215.10
26 24 13 00-0215	EA		1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,237.06	1,325.54
26 24 13 00-0216	EA		2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,651.81	1,411.11
26 24 13 00-0217	EA		400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section.....	4,946.71	767.45
26 24 13 00-0218	EA		200 Amperes, Distribution Section Subfeeder Lug-Rated.....	2,808.94	729.02
26 24 13 00-0219	EA		400 Amperes, Distribution Section Subfeeder Lug-Rated.....	3,112.94	790.54
26 24 13 00-0220	EA		120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus.....	5,292.98	874.85
26 24 13 00-0221	EA		800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	5,706.34	877.15
26 24 13 00-0222	EA		1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	6,275.55	979.30
26 24 13 00-0223	EA		15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	157.00	52.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.06	
26 24 13 00-0224	EA		70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	191.68	53.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.87	
26 24 13 00-0225	EA		70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame.....	891.67	63.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.59	
26 24 13 00-0226	EA		125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,478.88	135.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.62	
26 24 13 00-0227	EA		100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	587.75	189.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.62	
26 24 13 00-0228	EA		225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	1,664.57	109.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.59	
26 24 13 00-0229			Switchboard, Structure Per Section Copper, 480 Volt <small>(26 24 13 00-0163)</small>		
26 24 13 00-0230	EA		225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	2,152.30	455.63
26 24 13 00-0231	EA		400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,062.46	616.16
26 24 13 00-0232	EA		600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,434.09	749.91
26 24 13 00-0233	EA		800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	4,327.99	1,049.85
26 24 13 00-0234	EA		1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	5,362.84	1,312.32
26 24 13 00-0235	EA		1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	5,914.38	1,312.32
26 24 13 00-0236	EA		2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	7,297.86	1,749.79
26 24 13 00-0237	EA		2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	8,355.42	1,749.79
26 24 13 00-0238	EA		3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	9,824.59	2,083.02
26 24 13 00-0239	EA		4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	11,770.60	2,083.02
26 24 13 00-0240			Main Devices <small>(26 24 13)</small>		
26 24 13 00-0241			Power Circuit Breakers <small>(26 24 13 00-0240)</small>		
26 24 13 00-0242			DSL Breaker With Current Limiters And Amptector <small>(26 24 13 00-0241)</small>		
			Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA		50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	7,568.81	1,102.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	660.01	
26 24 13 00-0244	EA		50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	13,816.91	1,837.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,101.25	
26 24 13 00-0245	EA		1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	31,154.56	3,086.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,835.41	
26 24 13 00-0246	EA		4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	50,183.13	4,997.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,051.90	
26 24 13 00-0247	EA		Ground-Fault Trip All Power Breakers - Factory Installed.....	2,648.31	
26 24 13 00-0248	EA		Key Interlock All Power Breakers - Factory Installed.....	342.02	
26 24 13 00-0249	EA		Short Time Delay Selective Trip - Factory Installed.....	448.71	
26 24 13 00-0250	EA		Shunt Trip Manually Open Breakers - Factory Installed.....	323.19	
26 24 13 00-0251			DSL Breaker Electrical Operated And Amptector <small>(26 24 13 00-0241)</small>		
			Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA		50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	8,872.36	1,154.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	696.19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0253	EA			50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip 16,488.82	16,488.82	1,942.23
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,159.63	
26 24 13 00-0254	EA			1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip 35,007.34	35,007.34	3,202.06
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,929.88	
26 24 13 00-0255	EA			4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip 54,052.11	54,052.11	5,249.27
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,227.01	
26 24 13 00-0256				DS Breakers With Amptector Static Trip, Manually Operated <small>(26 24 13 00-0241)</small>		
				Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA			50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip 6,019.65	6,019.65	1,007.86
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	605.69	
26 24 13 00-0258	EA			50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip 11,019.58	11,019.58	1,690.27
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,009.47	
26 24 13 00-0259	EA			2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip 16,322.23	16,322.23	2,834.61
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,682.46	
26 24 13 00-0260	EA			1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip 28,175.00	28,175.00	4,566.87
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,802.10	
26 24 13 00-0261	EA			4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip 45,844.71	45,844.71	7,453.96
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,659.12	
26 24 13 00-0262				DS Breakers With Amptector Static Trip, Electrically Operated <small>(26 24 13 00-0241)</small>		
				Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263	EA			50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip 7,109.28	7,109.28	965.87
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	577.69	
26 24 13 00-0264	EA			50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip 13,274.67	13,274.67	1,616.78
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	962.58	
26 24 13 00-0265	EA			2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip 18,889.74	18,889.74	2,687.63
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,606.92	
26 24 13 00-0266	EA			1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip 31,174.36	31,174.36	4,377.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,678.20	
26 24 13 00-0267	EA			4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip 48,733.51	48,733.51	7,506.45
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,473.81	
26 24 13 00-0268				Molded Case Circuit Breakers Conventional <small>(26 24 13 00-0241)</small>		
26 24 13 00-0269	EA			70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 2,542.09	2,542.09	881.88
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	507.99	
26 24 13 00-0270	EA			125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 3,729.24	3,729.24	881.88
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	552.56	
26 24 13 00-0271	EA			300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 4,136.97	4,136.97	1,049.85
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	605.69	
26 24 13 00-0272	EA			400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 4,921.79	4,921.79	1,049.85
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	656.16	
26 24 13 00-0273	EA			600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 7,320.13	7,320.13	1,259.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	719.08	
26 24 13 00-0274	EA			1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker 11,852.75	11,852.75	1,259.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	795.34	
26 24 13 00-0275	EA			Shunt Trip, Factory Installed 338.88	338.88	
26 24 13 00-0276	EA			Groundfault Trip Complete Interrupting Circuit, Factory Installed 78.45	78.45	
26 24 13 00-0277				Switchboard Branch Breaker 480 Volt <small>(26 24 13 00-0240)</small>		
26 24 13 00-0278	EA			60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 533.29	533.29	76.11
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.65	
26 24 13 00-0279	EA			100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 628.56	628.56	101.00
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.57	
26 24 13 00-0280	EA			225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 1,823.47	1,823.47	152.02
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.24	
26 24 13 00-0281	EA			400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 2,410.74	2,410.74	190.76
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.44	
26 24 13 00-0282	EA			600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 2,916.81	2,916.81	255.85
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.49	
26 24 13 00-0283	EA			800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 3,521.83	3,521.83	328.08
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	196.85	
26 24 13 00-0284	EA			1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 5,665.85	5,665.85	499.94
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	299.96	
26 24 13 00-0285	EA			1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 5,665.85	5,665.85	499.94
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	299.96	
26 24 13 00-0286	EA			1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 7,946.75	7,946.75	699.94
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	419.94	
26 24 13 00-0287	EA			2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker 9,908.45	9,908.45	1,049.85
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	629.91	
26 24 13 00-0288				Switchboard 277/480 Volt Main Breaker <small>(26 24 13 00-0240)</small>		
26 24 13 00-0289	EA			400 Amperes, 277/480 Volt, Main Breaker, Switchboard 6,439.75	6,439.75	455.63
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	273.40	
26 24 13 00-0290	EA			600 Amperes, 277/480 Volt, Main Breaker, Switchboard 6,526.38	6,526.38	498.99
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	299.39	
26 24 13 00-0291	EA			800 Amperes, 277/480 Volt, Main Breaker, Switchboard 7,028.21	7,028.21	749.91
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	449.94	
26 24 13 00-0292	EA			1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard 12,031.36	12,031.36	1,049.85
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	629.91	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 24 13 00-0293	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	12,254.33		1,161.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	696.80		
26 24 13 00-0294	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	16,154.32		2,083.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,249.83		
26 24 13 00-0295		Branch Or Distribution Devices <small>(26 24 13)</small>			
26 24 13 00-0296		3 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small>			
		Note: Includes certified refurbished circuit breakers.			
26 24 13 00-0297	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	399.77		37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20		
26 24 13 00-0298	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	409.72		47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50		
26 24 13 00-0299	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	948.32		56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79		
26 24 13 00-0300	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,369.24		73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82		
26 24 13 00-0301	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,922.19		90.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.47		
26 24 13 00-0302	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,509.35		106.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.87		
26 24 13 00-0303	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	3,802.74		119.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.00		
26 24 13 00-0304		2 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small>			
		Note: Includes certified refurbished circuit breakers.			
26 24 13 00-0305	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	276.97		28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90		
26 24 13 00-0306	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	356.77		37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20		
26 24 13 00-0307	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	938.88		47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50		
26 24 13 00-0308	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,472.46		52.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.64		
26 24 13 00-0309	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,564.96		68.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.67		
26 24 13 00-0310	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	3,509.84		99.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.14		
26 24 13 00-0311		Meter Devices And Instrumentation <small>(26 24 13)</small>			
		Note: Factory installed accessories.			
26 24 13 00-0312		Instrument Transformers And Metering Compartments <small>(26 24 13 00-0311)</small>			
26 24 13 00-0313	EA	Uo To 800 Amperes, Primary Current Transformer, With Compartment	409.48		
26 24 13 00-0314	EA	1,000 To 1,500 Amperes, Primary Current Transformer, With Compartment	591.48		
26 24 13 00-0315	EA	2,000 To 6,000 Amperes, Primary Current Transformer, With Compartment	696.59		
26 24 13 00-0316	EA	Potential Transformer With 200 VA Max.....	502.05		
26 24 13 00-0317	EA	5 To 800 Amperes, Three Current Transformers.....	1,694.73		
26 24 13 00-0318	EA	1,000 To 1,500 Amperes, Three Current Transformers.....	3,019.64		
26 24 13 00-0319	EA	2,000 To 4,000 Amperes, Three Current Transformers.....	3,929.29		
26 24 13 00-0320		Instruments <small>(26 24 13 00-0311)</small>			
26 24 13 00-0321	EA	AC Voltmeter.....	558.53		
26 24 13 00-0322	EA	AC Ammeter	558.53		
26 24 13 00-0323	EA	AC Wattmeter	1,492.03		
26 24 13 00-0324	EA	Variometer	1,685.00		
26 24 13 00-0325	EA	Power Factor Meter	1,346.12		
26 24 13 00-0326	EA	Frequency Meter.....	1,485.75		
26 24 13 00-0327	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,890.53		
26 24 13 00-0328	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,162.91		
26 24 13 00-0329	EA	Weatherproof, Modify Meter	3,025.49		
26 24 13 00-0330	EA	Control Switch Resistor Type 130 V	70.33		
26 24 13 00-0331	EA	Metering Instrument: Voltage, Amperes And Watt Hour	3,815.26		
26 24 16		Panelboards <small>(26 24)</small>			
26 24 16 00-0001		Branch Circuit Panelboard <small>(26 24 16)</small>			
		Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.			
26 24 16 00-0002		Assembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small>			
		Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.			
26 24 16 00-0003		120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>			
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,141.48		299.21
		<i>For NEMA 3R Panelboard, Add</i>	883.91		
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,297.14		299.21
		<i>For NEMA 3R Panelboard, Add</i>	883.91		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0006	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,472.68 883.91	414.69
26 24 16 00-0007	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,650.64 883.91	414.69
26 24 16 00-0008	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,817.86 883.91	519.68
26 24 16 00-0009	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,989.44 883.91	519.68
26 24 16 00-0010	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,155.31 883.91	598.42
26 24 16 00-0011	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,587.99 972.06 71.03	766.39
26 24 16 00-0012	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,723.45 972.06 71.03	766.39
26 24 16 00-0013	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,857.03 972.06 71.03	876.63
26 24 16 00-0014	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,072.67 1,148.23 121.31	876.63
26 24 16 00-0015	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,205.79 1,148.23 121.31	986.86
26 24 16 00-0016	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,403.14 1,148.23 121.31	986.86
26 24 16 00-0017	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,523.36 1,148.23 121.31	1,091.85
26 24 16 00-0018	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,722.36 1,148.23 121.31	1,091.85
26 24 16 00-0019	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,904.62 1,148.23 121.31	1,207.33
26 24 16 00-0020	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,031.28 1,195.08 155.04	1,207.33
26 24 16 00-0021	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,214.28 1,195.08 155.04	1,207.33
26 24 16 00-0022				120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0023	EA			50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,355.54 883.91	288.71
26 24 16 00-0024	EA			50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,513.47 883.91	288.71
26 24 16 00-0025	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,876.12 883.91	493.43
26 24 16 00-0026	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,127.97 883.91	493.43
26 24 16 00-0027	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,298.59 883.91	603.67
26 24 16 00-0028	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,476.37 883.91	603.67
26 24 16 00-0029	EA			100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,634.51 883.91	724.40
26 24 16 00-0030	EA			225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,188.27 972.06 71.03	724.40

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,328.97	887.13
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,481.57	887.13
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,648.47	997.36
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,784.29	997.36
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	3,928.94	1,091.85
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,083.75	1,091.85
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	4,250.41	1,291.32
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	4,430.92	1,291.32
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	4,627.79	1,291.32
		<i>For NEMA 3R Panelboard, Add</i>	1,195.08	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	4,750.26	1,364.81
		<i>For NEMA 3R Panelboard, Add</i>	1,195.08	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0042)</small>		
26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,378.71	341.20
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,546.94	341.20
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	1,738.00	456.69
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	1,938.87	456.69
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	2,118.83	561.67
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,311.03	561.67
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,492.19	666.66
		<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	2,679.14	666.66
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	2,853.31	782.14
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,053.90	782.14
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,257.97	902.88
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,458.51	902.88
		<i>For NEMA 3R Panelboard, Add</i>	972.06	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	3,858.21	1,091.85
		<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0055	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,994.05 1,148.23 121.31	1,091.85
26 24 16 00-0056	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,228.19 1,148.23 121.31	1,212.58
26 24 16 00-0057	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,440.16 1,148.23 121.31	1,212.58
26 24 16 00-0058	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,590.53 1,195.08 155.04	1,322.82
26 24 16 00-0059	EA			225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,801.78 1,195.08 155.04	1,322.82
26 24 16 00-0060	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,675.19 1,148.23 121.31	1,173.73
26 24 16 00-0061	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,825.10 1,148.23 121.31	1,233.58
26 24 16 00-0062	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,069.69 1,148.23 121.31	1,299.20
26 24 16 00-0063	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,297.50 1,148.23 121.31	1,375.31
26 24 16 00-0064	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,457.06 1,195.08 155.04	1,417.30
26 24 16 00-0065	EA			400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,713.41 1,195.08 155.04	1,503.92
26 24 16 00-0066				120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0062)</small>		
26 24 16 00-0067	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,643.27 883.91	330.70
26 24 16 00-0068	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,813.63 883.91	330.70
26 24 16 00-0069	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,016.56 883.91	435.69
26 24 16 00-0070	EA			50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,299.64 883.91	435.69
26 24 16 00-0071	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,713.71 883.91	656.16
26 24 16 00-0072	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,889.62 883.91	656.16
26 24 16 00-0073	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	3,079.91 883.91	766.39
26 24 16 00-0074	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,238.20 972.06 71.03	766.39
26 24 16 00-0075	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,451.82 972.06 71.03	887.13
26 24 16 00-0076	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,597.45 972.06 71.03	887.13
26 24 16 00-0077	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,834.24 972.06 71.03	997.36
26 24 16 00-0078	EA			100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,037.55 972.06 71.03	997.36

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0079	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,747.55 1,148.23 121.31	1,154.84
26 24 16 00-0080	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,957.17 1,148.23 121.31	1,217.83
26 24 16 00-0081	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,046.07 1,148.23 121.31	1,217.83
26 24 16 00-0082	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,281.20 1,148.23 121.31	1,375.31
26 24 16 00-0083	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,445.74 1,195.08 155.04	1,375.31
26 24 16 00-0084	EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,553.41 1,195.08 155.04	1,375.31
26 24 16 00-0085	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,588.49 1,148.23 121.31	1,265.08
26 24 16 00-0086	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,817.50 1,148.23 121.31	1,338.56
26 24 16 00-0087	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,909.35 1,148.23 121.31	1,375.31
26 24 16 00-0088	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,163.03 1,148.23 121.31	1,459.30
26 24 16 00-0089	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,326.60 1,195.08 155.04	1,501.29
26 24 16 00-0090	EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,480.56 1,195.08 155.04	1,553.79
26 24 16 00-0091	480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0092	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,557.54 883.91	335.95
26 24 16 00-0093	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,780.12 883.91	335.95
26 24 16 00-0094	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,993.69 883.91	461.94
26 24 16 00-0095	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,216.24 883.91	461.94
26 24 16 00-0096	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,424.09 883.91	577.42
26 24 16 00-0097	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,642.87 883.91	577.42
26 24 16 00-0098	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,870.99 883.91	698.15
26 24 16 00-0099	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,080.42 972.06 71.03	698.15
26 24 16 00-0100	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,310.24 972.06 71.03	829.39
26 24 16 00-0101	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,532.27 972.06 71.03	829.39
26 24 16 00-0102	EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,736.75 972.06 71.03	944.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0103	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,955.52	944.87
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0104	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,421.53	1,149.59
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0105	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,640.07	1,149.59
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0106	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	4,872.45	1,259.83
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0107	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers.....	5,043.24	1,259.83
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0108	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,301.31	1,391.06
			<i>For NEMA 3R Panelboard, Add</i>	1,195.08	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0109	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	5,486.78	1,391.06
			<i>For NEMA 3R Panelboard, Add</i>	1,195.08	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0110			480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0111	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,982.71	356.95
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0112	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,200.31	388.45
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0113	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	2,420.26	482.93
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0114	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,908.11	587.92
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0115	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,117.89	650.91
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0116	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	3,309.22	703.40
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0117	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	3,519.96	766.39
			<i>For NEMA 3R Panelboard, Add</i>	883.91	
26 24 16 00-0118	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,722.80	829.39
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0119	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,908.48	881.88
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0120	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	4,107.61	934.37
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0121	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,322.98	997.36
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0122	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	4,558.23	1,076.10
			<i>For NEMA 3R Panelboard, Add</i>	972.06	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0123	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,741.32	1,196.83
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0124	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	5,966.97	1,270.32
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0125	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	6,127.77	1,301.82
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0126	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	6,381.32	1,385.81
			<i>For NEMA 3R Panelboard, Add</i>	1,148.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0127	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,558.07 1,195.08 155.04	1,438.30
26 24 16 00-0128	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,741.31 1,195.08 155.04	1,483.44
26 24 16 00-0129			277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)		
26 24 16 00-0130	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	1,896.84 883.91	367.45
26 24 16 00-0131	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,145.66 883.91	367.45
26 24 16 00-0132	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,388.08 883.91	488.18
26 24 16 00-0133	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,632.47 883.91	488.18
26 24 16 00-0134	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,880.79 883.91	603.67
26 24 16 00-0135	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,124.03 883.91	603.67
26 24 16 00-0136	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,371.22 883.91	724.40
26 24 16 00-0137	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,617.39 972.06 71.03	724.40
26 24 16 00-0138	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,886.14 972.06 71.03	850.38
26 24 16 00-0139	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,111.63 972.06 71.03	850.38
26 24 16 00-0140	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,349.75 972.06 71.03	855.63
26 24 16 00-0141	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,603.12 972.06 71.03	855.63
26 24 16 00-0142	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,242.96 1,148.23 121.31	1,186.34
26 24 16 00-0143	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,502.17 1,148.23 121.31	1,186.34
26 24 16 00-0144	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,702.94 1,148.23 121.31	1,249.33
26 24 16 00-0145	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,985.72 1,148.23 121.31	1,333.32
26 24 16 00-0146	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,199.87 1,195.08 155.04	1,333.32
26 24 16 00-0147	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	6,513.45 1,195.08 155.04	1,459.30
26 24 16 00-0148			277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards (26 24 16 00-0002)		
26 24 16 00-0149	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,462.95 883.91	451.44
26 24 16 00-0150	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,717.59 883.91	451.44
26 24 16 00-0151	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,962.72 883.91	598.42

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0152	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,528.33	598.42
				For NEMA 3R Panelboard, Add	883.91	
26 24 16 00-0153	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,764.24	755.90
				For NEMA 3R Panelboard, Add	883.91	
26 24 16 00-0154	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,999.79	755.90
				For NEMA 3R Panelboard, Add	883.91	
26 24 16 00-0155	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,227.43	866.13
				For NEMA 3R Panelboard, Add	883.91	
26 24 16 00-0156	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,437.92	866.13
				For NEMA 3R Panelboard, Add	972.06	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0157	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	4,661.85	986.86
				For NEMA 3R Panelboard, Add	972.06	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0158	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	4,902.01	986.86
				For NEMA 3R Panelboard, Add	972.06	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0159	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	5,108.74	1,091.85
				For NEMA 3R Panelboard, Add	972.06	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0160	EA			100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	5,325.64	1,091.85
				For NEMA 3R Panelboard, Add	972.06	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0161	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	6,969.65	1,291.32
				For NEMA 3R Panelboard, Add	1,148.23	
				For Door-In-Door (Hinged) Trim Front, Add	121.31	
26 24 16 00-0162	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	7,232.74	1,291.32
				For NEMA 3R Panelboard, Add	1,148.23	
				For Door-In-Door (Hinged) Trim Front, Add	121.31	
26 24 16 00-0163	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	7,427.20	1,412.05
				For NEMA 3R Panelboard, Add	1,148.23	
				For Door-In-Door (Hinged) Trim Front, Add	121.31	
26 24 16 00-0164	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,721.09	1,412.05
				For NEMA 3R Panelboard, Add	1,148.23	
				For Door-In-Door (Hinged) Trim Front, Add	121.31	
26 24 16 00-0165	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,933.26	1,543.29
				For NEMA 3R Panelboard, Add	1,195.08	
				For Door-In-Door (Hinged) Trim Front, Add	155.04	
26 24 16 00-0166	EA			225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	8,152.62	1,543.29
				For NEMA 3R Panelboard, Add	1,195.08	
				For Door-In-Door (Hinged) Trim Front, Add	155.04	
26 24 16 00-0167	EA			400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	9,681.23	1,718.61
				For NEMA 3R Panelboard, Add	1,195.08	
				For Door-In-Door (Hinged) Trim Front, Add	155.04	
26 24 16 00-0168	EA			600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	11,785.85	2,062.96
				For NEMA 3R Panelboard, Add	1,195.08	
				For Door-In-Door (Hinged) Trim Front, Add	155.04	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards (26 24 16 00-0001)

Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards (26 24 16 00-0169)

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards (26 24 16 00-0170)

26 24 16 00-0172	EA			100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	607.27	
26 24 16 00-0173	EA			100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	698.34	
26 24 16 00-0174	EA			225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	949.20	
				For Door-In-Door (Hinged) Trim Front, Add	71.03	
26 24 16 00-0175	EA			225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,095.25	
				For Door-In-Door (Hinged) Trim Front, Add	121.31	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,239.07		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04		
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,384.97		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03		
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,503.32		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31		
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,645.87		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04		
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,783.90		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03		
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,901.60		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31		
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,076.04		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04		
26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>					
26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	902.91		
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,022.37		
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,636.80		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03		
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,816.62		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31		
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,985.31		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04		
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,456.39		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03		
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,656.66		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31		
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,838.00		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04		
26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>					
26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,232.86		
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,316.78		
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,552.75		
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,695.82		
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,828.32		
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,089.80		
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,200.41		
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,335.81		
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,528.65		
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,642.03		
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,805.40		
26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>					
26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,521.35		
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,633.06		
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,355.93		
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,521.46		
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,679.42		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0210	EA			400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,135.61	
26 24 16 00-0211	EA			400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,328.72	
26 24 16 00-0212	EA			400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard.....	4,508.27	
26 24 16 00-0213				240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards (26 24 16 00-0169)		
				Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214				Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards (26 24 16 00-0213)		
26 24 16 00-0215	EA			100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	684.14	
26 24 16 00-0216	EA			100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	804.27	
26 24 16 00-0217	EA			100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	904.73	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0218	EA			225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,023.01	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0219	EA			225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,177.32	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0220	EA			225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,303.47	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0221	EA			400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,502.78	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0222	EA			400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,618.98	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0223	EA			400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,747.07	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0224	EA			600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,914.81	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0225	EA			600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,114.14	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0226	EA			600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,503.30	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0227				Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards (26 24 16 00-0213)		
26 24 16 00-0228	EA			100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,059.04	
26 24 16 00-0229	EA			100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,194.22	
26 24 16 00-0230	EA			100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,367.04	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0231	EA			225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,028.70	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0232	EA			225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,196.39	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0233	EA			225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	2,351.87	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0234	EA			400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	3,258.87	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0235	EA			400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	3,444.67	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0236	EA			400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	3,598.98	
				<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0237				Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards (26 24 16 00-0213)		
26 24 16 00-0238	EA			100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,309.73	
26 24 16 00-0239	EA			100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,422.71	
26 24 16 00-0240	EA			100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard.....	1,515.42	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,626.56	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,777.88	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,892.72	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,207.61	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,316.07	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,437.01	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,659.56	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,845.19	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		3,234.34	
26 24 16 00-0250		Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>			
26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,677.48	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,804.91	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,973.56	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,747.83	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,901.22	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		3,045.97	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		4,562.71	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		4,754.71	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		4,919.51	
26 24 16 00-0260		480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal.			
26 24 16 00-0261		Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>			
26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		983.26	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,078.38	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,487.71	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		71.03	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,658.18	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		121.31	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,805.54	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		155.04	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,798.73	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		71.03	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,894.84	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		121.31	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,058.04	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		155.04	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,167.25	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		71.03	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,322.98	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		121.31	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,536.18	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>		155.04	
26 24 16 00-0273		Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>			
26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,019.38	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,083.16	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,261.30	

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0277	EA		125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,381.99	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0278	EA		125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,620.66	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0279	EA		250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,406.51	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0280	EA		250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,555.78	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0281	EA		250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,747.83	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0282	EA		400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,864.72	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	71.03	
26 24 16 00-0283	EA		400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,063.87	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	121.31	
26 24 16 00-0284	EA		400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,244.90	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	155.04	
26 24 16 00-0285	Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0280)</small>				
26 24 16 00-0286	EA		125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,587.40	
26 24 16 00-0287	EA		125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,682.52	
26 24 16 00-0288	EA		250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,077.55	
26 24 16 00-0289	EA		250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,351.69	
26 24 16 00-0290	EA		250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,487.14	
26 24 16 00-0291	EA		400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,480.33	
26 24 16 00-0292	EA		400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,558.56	
26 24 16 00-0293	EA		400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,696.14	
26 24 16 00-0294	EA		600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,864.93	
26 24 16 00-0295	EA		600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,006.06	
26 24 16 00-0296	EA		600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,187.87	
26 24 16 00-0297	Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0280)</small>				
26 24 16 00-0298	EA		100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,752.21	
26 24 16 00-0299	EA		100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,816.00	
26 24 16 00-0300	EA		125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,856.51	
26 24 16 00-0301	EA		125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,971.83	
26 24 16 00-0302	EA		125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,314.17	
26 24 16 00-0303	EA		250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,088.10	
26 24 16 00-0304	EA		250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,219.50	
26 24 16 00-0305	EA		250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,385.93	
26 24 16 00-0306	EA		400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,502.82	
26 24 16 00-0307	EA		400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,685.60	
26 24 16 00-0308	EA		400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,864.11	
26 24 16 00-0309	480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>				
Note: As manufactured by Square D or equal.					
26 24 16 00-0310	Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>				
26 24 16 00-0311	EA		125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,023.77	
26 24 16 00-0312	EA		125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,119.49	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0313	EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,294.98 71.03	
26 24 16 00-0314	EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,547.32 71.03	
26 24 16 00-0315	EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,719.09 121.31	
26 24 16 00-0316	EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,865.31 155.04	
26 24 16 00-0317	EA 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,877.54 71.03	
26 24 16 00-0318	EA 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	1,992.55 121.31	
26 24 16 00-0319	EA 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,154.52 155.04	
26 24 16 00-0320	EA 600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,263.95 71.03	
26 24 16 00-0321	EA 600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,420.38 121.31	
26 24 16 00-0322	EA 600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,634.37 155.04	
26 24 16 00-0323	Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0324	EA 100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,227.91	
26 24 16 00-0325	EA 100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,292.29	
26 24 16 00-0326	EA 100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,483.60 71.03	
26 24 16 00-0327	EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,547.94	
26 24 16 00-0328	EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,669.14 71.03	
26 24 16 00-0329	EA 125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,907.18 121.31	
26 24 16 00-0330	EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,742.76 71.03	
26 24 16 00-0331	EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,893.83 121.31	
26 24 16 00-0332	EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,083.86 155.04	
26 24 16 00-0333	EA 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,267.64 71.03	
26 24 16 00-0334	EA 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,468.73 121.31	
26 24 16 00-0335	EA 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,649.62 155.04	
26 24 16 00-0336	Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0337	EA 125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,627.91	
26 24 16 00-0338	EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,723.63	
26 24 16 00-0339	EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,890.18	
26 24 16 00-0340	EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,137.16	
26 24 16 00-0341	EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,412.60	
26 24 16 00-0342	EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,546.91	
26 24 16 00-0343	EA 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,560.92	
26 24 16 00-0344	EA 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,656.27	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0345	EA			400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,792.62	
26 24 16 00-0346	EA			600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,961.63	
26 24 16 00-0347	EA			600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,103.17	
26 24 16 00-0348	EA			600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,284.98	
26 24 16 00-0349				Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0350	EA			100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,817.75	
26 24 16 00-0351	EA			100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,882.13	
26 24 16 00-0352	EA			100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,177.11	
26 24 16 00-0353	EA			125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,143.15	
26 24 16 00-0354	EA			125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,258.98	
26 24 16 00-0355	EA			125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,600.69	
26 24 16 00-0356	EA			250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,424.35	
26 24 16 00-0357	EA			250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,557.55	
26 24 16 00-0358	EA			250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,721.96	
26 24 16 00-0359	EA			400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,905.74	
26 24 16 00-0360	EA			400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,090.15	
26 24 16 00-0361	EA			400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,268.06	
26 24 16 00-0362				600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>		
				Note: Square D I-Line or equal.		
26 24 16 00-0363				Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>		
26 24 16 00-0364	EA			400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,738.76	312.14
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.29	
26 24 16 00-0365	EA			400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,037.43	312.04
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.24	
26 24 16 00-0366	EA			400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,262.32	312.04
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.24	
26 24 16 00-0367	EA			600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,576.87	512.47
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	307.48	
26 24 16 00-0368	EA			600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,750.93	512.47
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	307.48	
26 24 16 00-0369	EA			600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,941.94	512.47
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	307.48	
26 24 16 00-0370	EA			800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,175.46	681.24
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	408.73	
26 24 16 00-0371	EA			800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,342.90	683.26
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	409.98	
26 24 16 00-0372	EA			800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,411.13	681.24
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	408.73	
26 24 16 00-0373	EA			800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,963.36	681.24
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	408.73	
26 24 16 00-0374	EA			1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,162.22	1,024.93
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	614.96	
26 24 16 00-0375	EA			1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,538.07	1,024.93
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	614.96	
26 24 16 00-0376	EA			1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,845.37	1,024.93
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	614.96	
26 24 16 00-0377	EA			1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,220.46	1,024.93
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	614.96	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0378			Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>		
26 24 16 00-0379	EA		225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,367.03	318.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.24	
26 24 16 00-0380	EA		400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,421.55	361.52
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	216.93	
26 24 16 00-0381	EA		400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,638.74	361.52
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	216.93	
26 24 16 00-0382	EA		400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,278.00	361.52
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	216.93	
26 24 16 00-0383	EA		600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,880.90	592.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	355.61	
26 24 16 00-0384	EA		600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,239.87	594.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	356.55	
26 24 16 00-0385	EA		600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,535.56	592.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	355.61	
26 24 16 00-0386	EA		800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,698.90	792.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	475.40	
26 24 16 00-0387	EA		800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,123.85	789.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	473.72	
26 24 16 00-0388	EA		800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,547.45	789.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	473.72	
26 24 16 00-0389			Residential Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390			Residential Type Unassembled Load Center <small>(26 24 16 00-0389)</small> Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391			Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
26 24 16 00-0392	EA		30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	142.67	52.49
26 24 16 00-0393	EA		70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	475.93	209.97
26 24 16 00-0394	EA		100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	720.64	299.73
26 24 16 00-0395	EA		125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,541.17	630.01
26 24 16 00-0396	EA		150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,685.93	682.41
26 24 16 00-0397			Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.		
26 24 16 00-0398	EA		60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	199.84	57.74
26 24 16 00-0399	EA		125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	360.74	62.99
26 24 16 00-0400			Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
26 24 16 00-0401	EA		40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	203.29	57.74
26 24 16 00-0402	EA		70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	226.85	62.99
26 24 16 00-0403	EA		100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	789.69	299.73
26 24 16 00-0404	EA		150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,791.00	682.41
26 24 16 00-0405			Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0406	EA		60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	252.37	57.74
26 24 16 00-0407	EA		125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	1,733.45	630.01
26 24 16 00-0408			Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
26 24 16 00-0409	EA		125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,868.39	630.01
26 24 16 00-0410	EA		150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,028.16	682.41
26 24 16 00-0411	EA		300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,225.05	1,049.85

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0412				Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> <small>Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.</small>		
26 24 16 00-0413	EA			125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	2,740.17	630.01
26 24 16 00-0414	EA			150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	2,989.25	682.41
26 24 16 00-0415	EA			300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	7,958.59	1,049.85
26 24 16 00-0416				Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
26 24 16 00-0417	EA			125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	1,965.95	630.01
26 24 16 00-0418	EA			150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	2,194.77	682.41
26 24 16 00-0419				Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> <small>Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.</small>		
26 24 16 00-0420	EA			125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	2,901.98	630.01
26 24 16 00-0421	EA			155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	3,006.81	682.41
26 24 16 00-0422				Residential Type Assembled Load Center <small>(26 24 16 00-0389)</small>		
26 24 16 00-0423				Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase <small>(26 24 16 00-0422)</small> <small>Note: Includes 1 pole plug-in breaker.</small>		
26 24 16 00-0424	EA			100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	721.09	299.73
26 24 16 00-0425	EA			100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	878.90	350.13
26 24 16 00-0426	EA			100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	737.60	299.73
26 24 16 00-0427	EA			100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	883.40	350.13
26 24 16 00-0428	EA			200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,284.61	466.66
26 24 16 00-0429	EA			200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,514.97	560.10
26 24 16 00-0430	EA			200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,732.08	646.18
26 24 16 00-0431	EA			200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,909.40	699.52
26 24 16 00-0432	EA			200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,857.72	1,049.85
26 24 16 00-0433	EA			200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,343.15	466.66
26 24 16 00-0434	EA			200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,570.50	560.10
26 24 16 00-0435	EA			200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,787.61	646.18
26 24 16 00-0436	EA			200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,961.94	699.52
26 24 16 00-0437	EA			200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,030.33	1,049.85
26 24 16 00-0438	EA			400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,526.31	1,166.49
26 24 16 00-0439	EA			400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,706.43	1,166.49
26 24 16 00-0440				Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt <small>(26 24 16 00-0422)</small> <small>Note: Includes 1 pole plug-in breaker.</small>		
26 24 16 00-0441	EA			125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	962.96	350.13
26 24 16 00-0442	EA			125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,435.61	524.93
26 24 16 00-0443	EA			125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,012.49	350.13
26 24 16 00-0444	EA			125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,480.64	524.93
26 24 16 00-0445	EA			200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,817.63	646.18
26 24 16 00-0446	EA			200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,985.19	699.94
26 24 16 00-0447	EA			200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,430.81	840.19
26 24 16 00-0448	EA			200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,917.76	1,049.85
26 24 16 00-0449	EA			200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,870.17	646.18
26 24 16 00-0450	EA			200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,044.49	699.52

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0451	EA		200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,632.37	839.56
26 24 16 00-0452	EA		200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,120.40	1,049.85
26 24 16 00-0453	EA		400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,571.34	1,166.49
26 24 16 00-0454	EA		400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,751.46	1,166.49
26 24 16 00-0455			Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase (26 24 16 00-0422) Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456	EA		125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	956.95	350.13
26 24 16 00-0457	EA		125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,414.60	524.93
26 24 16 00-0458	EA		200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,638.05	560.10
26 24 16 00-0459	EA		200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,878.31	646.50
26 24 16 00-0460	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,067.75	699.94
26 24 16 00-0461	EA		200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,737.32	933.32
26 24 16 00-0462	EA		200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,653.06	560.10
26 24 16 00-0463	EA		200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	1,907.69	646.18
26 24 16 00-0464	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,074.51	699.52
26 24 16 00-0465	EA		200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,654.77	933.32
26 24 16 00-0466	EA		400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	5,072.35	1,166.49
26 24 16 00-0467	EA		400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	5,372.55	1,166.49
26 24 16 00-0468			Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt (26 24 16 00-0422) Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,488.03	699.94
26 24 16 00-0470	EA		200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,398.08	1,049.85
26 24 16 00-0471	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	2,577.35	699.52
26 24 16 00-0472	EA		200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers.....	3,488.14	1,049.85
26 24 16 00-0473			Panel Mounted Accessories And Fuseholders (26 24 16 00-0001)		
26 24 16 00-0474			Midget Finger-Safe Fuse Holders (26 24 16 00-0473) Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475	EA		1 Pole Midget Finger-Safe Fuse Holder.....	58.91	18.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 24 16 00-0476	EA		1 Pole With Indicator Midget Finger-Safe Fuse Holder.....	66.92	18.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 24 16 00-0477	EA		2 Pole Midget Finger-Safe Fuse Holder.....	93.46	28.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 24 16 00-0478	EA		2 Pole With Indicators Midget Finger-Safe Fuse Holder.....	114.37	28.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 24 16 00-0479	EA		3 Pole Midget Finger-Safe Fuse Holder.....	134.49	37.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 24 16 00-0480	EA		3 Pole With Indicators Midget Finger-Safe Fuse Holder.....	162.27	37.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 24 16 00-0481	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder.....	185.51	37.80
			Note: With indicators.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 24 16 00-0482	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder.....	154.71	37.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 24 16 00-0483	EA		4 Pole Midget Finger-Safe Fuse Holder.....	169.13	47.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 24 16 00-0484	EA		4 Pole With Indicator Midget Finger-Safe Fuse Holder.....	199.63	47.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 24 16 00-0485	EA		12 To 24 Volt DC Midget Finger-Safe Fuse Holder.....	66.94	18.89
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 24 16 00-0486	EA		20 To 24 Volt DC Midget Finger-Safe Fuse Holder.....	71.20	18.89
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 24 16 00-0487	EA		35 To 48 Volt DC Midget Finger-Safe Fuse Holder.....	67.73	18.89
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 24 16 00-0488			Removal And Reinstallation Of Panelboards (26 24 16 00-0001) Note: Includes storage, cleaning and supply materials.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0489	EA			Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers.....	1,318.37	
				Note: Includes removal and reinstallation of main wiring to panelboard.		
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	393.70	
26 24 16 00-0490	EA			Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	69.98	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.47	
26 24 16 00-0491	EA			Panelboard Filler Plate, Fits 1" Opening.....	5.03	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	0.99	

26 24 19 Motor-Control Centers (26 24)

26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers (26 24 19)
 Note: Includes NEMA 1 enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)
 Note: 1-Speed non-reversing.

26 24 19 00-0003	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit.....	1,572.58	95.89
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.54	
26 24 19 00-0004	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	1,855.16	100.69
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.42	
26 24 19 00-0005	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	2,735.68	105.48
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.29	
26 24 19 00-0006	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,921.78	124.66
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	74.80	
26 24 19 00-0007	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	9,852.13	143.84
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	86.31	
26 24 19 00-0008	EA			230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	16,547.22	191.79
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.07	

26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)
 Note: 1-Speed non-reversing.

26 24 19 00-0010	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	1,572.58	95.89
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.54	
26 24 19 00-0011	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	1,855.16	100.69
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.42	
26 24 19 00-0012	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	2,735.68	105.48
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.29	
26 24 19 00-0013	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	4,921.78	124.66
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	74.80	
26 24 19 00-0014	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	9,852.13	143.84
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	86.31	
26 24 19 00-0015	EA			480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	16,547.22	191.79
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.07	

26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)
 Note: 1-Speed reversing.

26 24 19 00-0017	EA			230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit.....	2,254.31	95.89
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.54	
26 24 19 00-0018	EA			230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	2,988.97	100.69
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.42	
26 24 19 00-0019	EA			230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	4,262.35	105.48
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.29	
26 24 19 00-0020	EA			230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	7,423.38	124.66
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	74.80	
26 24 19 00-0021	EA			230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	14,553.46	143.84
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	86.31	
26 24 19 00-0022	EA			230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	25,048.62	191.79
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.07	

26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)
 Note: 1-Speed reversing.

26 24 19 00-0024	EA			480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	2,254.31	95.89
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.54	
26 24 19 00-0025	EA			480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	2,988.97	100.69
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.42	
26 24 19 00-0026	EA			480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	4,262.35	105.48
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.29	
26 24 19 00-0027	EA			480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	7,423.38	124.66
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	74.80	
26 24 19 00-0028	EA			480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	14,553.46	143.84
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	86.31	
26 24 19 00-0029	EA			480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	25,048.62	191.79
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.07	

26 24 19 00-0030 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)
 Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0031	EA			230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	2,763.68	153.43
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	92.06	
26 24 19 00-0032	EA			230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	3,773.69	163.02
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.81	
26 24 19 00-0033	EA			230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	5,517.40	172.61
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	103.56	
26 24 19 00-0034	EA			230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,795.84	196.59
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.95	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0035	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,173.31 138.09	230.15
26 24 19 00-0036			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,763.68 92.06	153.43
26 24 19 00-0038	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,773.69 97.81	163.02
26 24 19 00-0039	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,517.40 103.56	172.61
26 24 19 00-0040	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,795.84 117.95	196.59
26 24 19 00-0041	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,173.31 138.09	230.15
26 24 19 00-0042			230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,145.47 57.54	95.89
26 24 19 00-0044	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,657.19 60.42	100.69
26 24 19 00-0045	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,356.65 63.29	105.48
26 24 19 00-0046	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,899.40 74.80	124.66
26 24 19 00-0047	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,574.92 86.31	143.84
26 24 19 00-0048			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,145.47 57.54	95.89
26 24 19 00-0050	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,657.19 60.42	100.69
26 24 19 00-0051	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,356.65 63.29	105.48
26 24 19 00-0052	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,899.40 74.80	124.66
26 24 19 00-0053	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,574.92 86.31	143.84
26 24 19 00-0054			230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA		230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	4,628.30	100.69
26 24 19 00-0056	EA		230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	7,060.97	110.28
26 24 19 00-0057	EA		230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,866.18	124.66
26 24 19 00-0058	EA		230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	18,327.53	143.84
26 24 19 00-0059	EA		230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	31,322.84	191.79
26 24 19 00-0060			480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA		480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	4,628.30	100.69
26 24 19 00-0062	EA		480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	7,060.97	110.28
26 24 19 00-0063	EA		480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	11,866.18	124.66
26 24 19 00-0064	EA		480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	18,327.53	143.84
26 24 19 00-0065	EA		480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	31,322.84	191.79
26 24 19 00-0066			230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0067	EA		230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,209.98 92.06	153.43
26 24 19 00-0068	EA		230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,134.64 106.44	177.41
26 24 19 00-0069	EA		230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,203.24 117.95	196.59
26 24 19 00-0070	EA		230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,221.98 143.84	239.74
26 24 19 00-0071	EA		230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,777.40 184.13	306.86
26 24 19 00-0072			480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0073	EA		480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,209.98 92.06	153.43
26 24 19 00-0074	EA		480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,134.64 106.44	177.41
26 24 19 00-0075	EA		480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,203.24 117.95	196.59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0076 EA 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,221.98 143.84	239.74
26 24 19 00-0077 EA 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,777.40 184.13	306.86
26 24 19 00-0078 230 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, energy saver.		
26 24 19 00-0079 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,968.21 74.80	124.66
26 24 19 00-0080 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,769.57 92.06	153.43
26 24 19 00-0081 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,209.86 106.44	177.41
26 24 19 00-0082 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,987.02 117.95	196.59
26 24 19 00-0083 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,333.52 143.84	239.74
26 24 19 00-0084 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42,511.24 184.13	306.86
26 24 19 00-0085 480 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, energy saver.		
26 24 19 00-0086 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,968.21 74.80	124.66
26 24 19 00-0087 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,769.57 92.06	153.43
26 24 19 00-0088 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,209.86 106.44	177.41
26 24 19 00-0089 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,987.02 117.95	196.59
26 24 19 00-0090 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,333.52 143.84	239.74
26 24 19 00-0091 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42,511.24 184.13	306.86
26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers (26 24 19) Note: Includes NEMA 1 enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,085.32 57.54	95.89
26 24 19 00-0095 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,367.90 60.42	100.69
26 24 19 00-0096 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,632.62 63.29	105.48
26 24 19 00-0097 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,653.54 74.80	124.66
26 24 19 00-0098 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,865.54 86.31	143.84
26 24 19 00-0099 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,316.02 115.07	191.79
26 24 19 00-0100 480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,085.32 57.54	95.89
26 24 19 00-0102 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,367.90 60.42	100.69
26 24 19 00-0103 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,632.62 63.29	105.48
26 24 19 00-0104 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,653.54 74.80	124.66
26 24 19 00-0105 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,865.54 86.31	143.84
26 24 19 00-0106 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,316.02 115.07	191.79
26 24 19 00-0107 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 19 00-0108	EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,762.72 57.54	95.89
26 24 19 00-0109	EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,491.60 60.42	100.69
26 24 19 00-0110	EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,139.07 63.29	105.48
26 24 19 00-0111	EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,132.04 74.80	124.66
26 24 19 00-0112	EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,526.43 86.31	143.84
26 24 19 00-0113	480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,762.72 57.54	95.89
26 24 19 00-0115	EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,491.60 60.42	100.69
26 24 19 00-0116	EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,139.07 63.29	105.48
26 24 19 00-0117	EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,132.04 74.80	124.66
26 24 19 00-0118	EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,526.43 86.31	143.84
26 24 19 00-0119	230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,263.42 92.06	153.43
26 24 19 00-0121	EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,266.21 97.81	163.02
26 24 19 00-0122	EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,379.67 103.56	172.61
26 24 19 00-0123	EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,484.28 117.95	196.59
26 24 19 00-0124	EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,130.40 138.09	230.15
26 24 19 00-0125	480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,263.42 92.06	153.43
26 24 19 00-0127	EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,266.21 97.81	163.02
26 24 19 00-0128	EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,379.67 103.56	172.61
26 24 19 00-0129	EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,484.28 117.95	196.59
26 24 19 00-0130	EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,130.40 138.09	230.15
26 24 19 00-0131	230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,741.11 86.31	143.84
26 24 19 00-0133	EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,246.50 92.06	153.43
26 24 19 00-0134	EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,329.66 97.81	163.02
26 24 19 00-0135	EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,692.27 112.20	187.00
26 24 19 00-0136	EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,646.46 132.34	220.56
26 24 19 00-0137	480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,741.11 86.31	143.84

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 24 19 00-0139	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,246.50 92.06	153.43
	26 24 19 00-0140	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,329.66 97.81	163.02
	26 24 19 00-0141	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,692.27 112.20	187.00
	26 24 19 00-0142	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,646.46 132.34	220.56
	26 24 19 00-0143			230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
	26 24 19 00-0144	EA		230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,113.60 60.42	100.69
	26 24 19 00-0145	EA		230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,204.88 66.17	110.28
	26 24 19 00-0146	EA		230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,831.93 74.80	124.66
	26 24 19 00-0147	EA		230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,928.79 86.31	143.84
	26 24 19 00-0148	EA		230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,409.40 115.07	191.79
	26 24 19 00-0149			480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
	26 24 19 00-0150	EA		480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,113.60 60.42	100.69
	26 24 19 00-0151	EA		480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,204.88 66.17	110.28
	26 24 19 00-0152	EA		480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,831.93 74.80	124.66
	26 24 19 00-0153	EA		480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,928.79 86.31	143.84
	26 24 19 00-0154	EA		480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,409.40 115.07	191.79
	26 24 19 00-0155			230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
	26 24 19 00-0156	EA		230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,709.72 92.06	153.43
	26 24 19 00-0157	EA		230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,624.28 106.44	177.41
	26 24 19 00-0158	EA		230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,059.74 117.95	196.59
	26 24 19 00-0159	EA		230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,212.29 143.84	239.74
	26 24 19 00-0160	EA		230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,939.99 184.13	306.86
	26 24 19 00-0161			480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
	26 24 19 00-0162	EA		480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,709.72 92.06	153.43
	26 24 19 00-0163	EA		480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,624.28 106.44	177.41
	26 24 19 00-0164	EA		480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,059.74 117.95	196.59
	26 24 19 00-0165	EA		480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,212.29 143.84	239.74
	26 24 19 00-0166	EA		480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,939.99 184.13	306.86
	26 24 19 00-0167			230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
	26 24 19 00-0168	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,382.74 74.80	124.66
	26 24 19 00-0169	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,179.76 92.06	153.43
	26 24 19 00-0170	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,605.61 106.44	177.41
	26 24 19 00-0171	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,314.88 117.95	196.59
	26 24 19 00-0172	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,587.73 143.84	239.74

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	44,254.57		306.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	184.13		
26 24 19 00-0174		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, energy saving			
26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit.....	13,382.79		124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.81		
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit.....	14,179.76		153.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.06		
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit.....	15,605.61		177.41
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.44		
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit.....	23,314.88		196.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.95		
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	31,587.73		239.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.84		
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit.....	44,254.57		306.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	184.13		
26 24 19 00-0181		Combination Starters With Fusible Switch <small>(26 24 19)</small>			
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.			
26 24 19 00-0182		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 1-Speed non-reversing.			
26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,405.04		95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54		
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,920.16		100.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.42		
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,200.76		105.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.29		
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	5,610.73		124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.80		
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	9,075.07		143.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.31		
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	16,150.02		191.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07		
26 24 19 00-0189		480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 1-Speed non-reversing.			
26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,405.04		95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54		
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,920.16		100.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.42		
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,200.76		105.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.29		
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	5,610.73		124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.80		
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	9,075.07		143.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.31		
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	16,150.02		191.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07		
26 24 19 00-0196		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 1-Speed reversing.			
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	2,235.53		95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54		
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	3,306.73		100.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.42		
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,258.95		105.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.29		
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,544.19		124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.80		
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,117.78		143.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.31		
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	22,268.26		191.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07		
26 24 19 00-0203		480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 1-Speed reversing.			
26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	2,235.53		95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54		
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	3,306.73		100.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.42		
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,258.95		105.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.29		
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,544.19		124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.80		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0208 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,117.78 86.31	143.84
26 24 19 00-0209 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,268.26 115.07	191.79
26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,642.35 92.06	153.43
26 24 19 00-0212 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,606.14 97.81	163.02
26 24 19 00-0213 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,625.73 103.56	172.61
26 24 19 00-0214 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,983.60 117.95	196.59
26 24 19 00-0215 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,857.00 138.09	230.15
26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,642.35 92.06	153.43
26 24 19 00-0218 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,606.14 97.81	163.02
26 24 19 00-0219 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,625.73 103.56	172.61
26 24 19 00-0220 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,983.60 117.95	196.59
26 24 19 00-0221 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,857.00 138.09	230.15
26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,969.26 57.54	95.89
26 24 19 00-0224 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,501.20 60.42	100.69
26 24 19 00-0225 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,457.75 63.29	105.48
26 24 19 00-0226 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,965.32 74.80	124.66
26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,969.26 57.54	95.89
26 24 19 00-0229 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,501.20 60.42	100.69
26 24 19 00-0230 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,457.75 63.29	105.48
26 24 19 00-0231 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,965.32 74.80	124.66
26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small> Note: Auto-transformer.		
26 24 19 00-0233 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,470.87 60.42	100.69
26 24 19 00-0234 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,853.91 66.17	110.28
26 24 19 00-0235 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,050.54 74.80	124.66
26 24 19 00-0236 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,411.81 86.31	143.84
26 24 19 00-0237 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29,222.77 115.07	191.79
26 24 19 00-0238 480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small> Note: Auto-transformer.		
26 24 19 00-0239 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,470.87 60.42	100.69
26 24 19 00-0240 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,853.91 66.17	110.28
26 24 19 00-0241 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,050.54 74.80	124.66
26 24 19 00-0242 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,411.81 86.31	143.84
26 24 19 00-0243 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29,222.77 115.07	191.79
26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small> Note: Part winding.		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0245	EA		10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,228.75 92.06	153.43
26 24 19 00-0246	EA		25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,258.86 106.44	177.41
26 24 19 00-0247	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,729.50 117.95	196.59
26 24 19 00-0248	EA		75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,324.02 143.84	239.74
26 24 19 00-0249			480 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Part winding.		
26 24 19 00-0250	EA		15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,228.75 92.06	153.43
26 24 19 00-0251	EA		40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,258.86 106.44	177.41
26 24 19 00-0252	EA		75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,729.50 117.95	196.59
26 24 19 00-0253	EA		150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,324.02 143.84	239.74
26 24 19 00-0254			230 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Energy saver.		
26 24 19 00-0255	EA		7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,966.77 74.80	124.66
26 24 19 00-0256	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,769.57 92.06	153.43
26 24 19 00-0257	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,209.86 106.44	177.41
26 24 19 00-0258	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,987.02 117.95	196.59
26 24 19 00-0259	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,333.52 143.84	239.74
26 24 19 00-0260	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42,511.24 184.13	306.86
26 24 19 00-0261			480 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Energy saver.		
26 24 19 00-0262	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,966.77 74.80	124.66
26 24 19 00-0263	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,769.57 92.06	153.43
26 24 19 00-0264	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,209.86 106.44	177.41
26 24 19 00-0265	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,987.02 117.95	196.59
26 24 19 00-0266	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,333.52 143.84	239.74
26 24 19 00-0267	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42,511.24 184.13	306.86
26 24 19 00-0268			Starter Accessories (26 24 19) Note: Additional options or accessories for the Combination Starters		
26 24 19 00-0269			Starter Modifications (26 24 19 00-0268)		
26 24 19 00-0270	EA		Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	108.53	
26 24 19 00-0271	EA		Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	225.32	
26 24 19 00-0272	EA		Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer.....	322.09	
26 24 19 00-0273	EA		Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	80.88	
26 24 19 00-0274	EA		Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	114.10	
26 24 19 00-0275	EA		Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	192.10	
26 24 19 00-0276	EA		Overload Relay Heater Elements, 3 Per Starter	47.66	
26 24 19 00-0277	EA		N.O. Overload Relay Alarm	40.44	
26 24 19 00-0278	EA		Control Circuit Fuses, Primary/Secondary	88.99	
26 24 19 00-0279	EA		Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	110.03	
26 24 19 00-0280	EA		Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	215.20	
26 24 19 00-0281	EA		Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	110.03	
26 24 19 00-0282	EA		Control Devices Type PB2 Mount On Device, Individual Light Full V	126.21	
26 24 19 00-0283	EA		Control Devices Type PB2 Mount On Device, Individual Light Transformer	152.10	
26 24 19 00-0284	EA		Control Devices Type PB2 Mount On Device, Individual Light Push To	179.61	
26 24 19 00-0285	EA		Blank Devices Panel	33.98	
26 24 19 00-0286	EA		Oversize Or Special Color Starter.....	53.40	
26 24 19 00-0287	EA		Mini Voltmeter/Ammeter With Current Transformer	473.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable.....	430.05	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	631.05	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press.....	53.40	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw.....	76.05	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	53.40	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	76.05	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	76.05	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type.....	110.03	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay.....	273.45	
26 24 19 00-0297	EA	Heater Module	45.92	
26 24 19 00-0298	EA	LAM - Long Acceleration Module.....	285.25	
26 24 19 00-0299	EA	JAM - Jam Protection Module.....	326.99	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module.....	620.58	
26 24 19 00-0301	EA	ULM - Underload Module.....	297.77	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer.....	65.40	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit.....	122.45	
26 24 19 00-0304	EA	Type SIS Control Wire.....	51.48	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control.....	65.40	
26 24 19 00-0306	EA	Ring Terminals Power	65.40	
26 24 19 00-0307	EA	14 Gauge Control Wire	51.48	
26 24 19 00-0308	EA	Wiremakers.....	65.40	
26 24 19 00-0309	EA	Wiring Diagram On Door.....	38.96	
26 24 19 00-0310	EA	Special Color Or Type Control Wire.....	47.31	
26 24 19 00-0311	EA	Current Transformer 12.5 VA.....	371.52	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4.....	1,186.90	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6.....	1,335.79	

26 24 19 00-0314 Control Relays And Special Components (26 24 19 00-0268)

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays.....	473.07	
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays.....	559.43	
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays.....	655.38	
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays.....	729.51	
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	627.52	
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays.....	1,635.21	
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays.....	2,058.13	
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	577.13	
26 24 19 00-0323	EA	Phase Voltage, Control Relays.....	981.73	
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays.....	1,374.12	
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	134.36	
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	2,654.88	
26 24 19 00-0327	EA	UV-Relay, Control Relays.....	2,248.58	
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	2,248.58	
26 24 19 00-0329	EA	Teleductor, Control Relays	1,012.27	
26 24 19 00-0330	EA	Current Transducer, Control Relays	2,722.29	
26 24 19 00-0331	EA	Watt Transducer, Control Relays.....	5,444.58	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x.....	184.74	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway.....	276.35	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway.....	311.47	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway.....	346.58	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway.....	311.47	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway.....	346.58	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway.....	364.91	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories (26 24 19 00-0268)

26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker.....	311.45	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	107.57	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	386.92	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker.....	1,783.65	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker.....	1,033.23	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,163.45	62.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>37.40</i>	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,012.11	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>57.54</i>	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	1,932.03	62.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>37.40</i>	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	2,779.08	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>57.54</i>	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	3,562.22	95.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>57.54</i>	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	2,218.57	124.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>74.81</i>	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	3,580.74	134.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>80.57</i>	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	4,721.95	172.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>103.52</i>	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	5,571.11	263.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>158.28</i>	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	7,896.64	397.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>238.97</i>	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	17,216.81	527.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>316.19</i>	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0357	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,691.79 396.63	661.68
26 24 19 00-0358	EA		Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42,772.05 460.70	767.07
26 24 19 00-0359	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,394.83 37.40	62.34
26 24 19 00-0360	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,237.02 57.54	95.89
26 24 19 00-0361	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,394.83 37.40	62.34
26 24 19 00-0362	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,237.02 57.54	95.89
26 24 19 00-0363	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,360.82 37.40	62.34
26 24 19 00-0364	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,235.37 57.54	95.89
26 24 19 00-0365	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,008.81 57.54	95.89
26 24 19 00-0366	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,125.38 57.54	95.89
26 24 19 00-0367	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,389.89 158.28	263.72
26 24 19 00-0368	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,389.89 158.28	263.72
26 24 19 00-0369	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,241.56 172.54	287.68
26 24 19 00-0370	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,036.38 201.29	335.63
26 24 19 00-0371	EA		Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,401.41 238.97	397.97
26 24 19 00-0372			Incoming Line And Feeder Fusible Switches <small>(26 24 19 00-0268)</small>		
26 24 19 00-0373	EA		30 To 60 Amperes, Incoming Line And Feeder Fusible Switches.....	1,174.15	95.89
26 24 19 00-0374	EA		Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual.....	1,784.99	95.89
26 24 19 00-0375	EA		100 Amperes, Incoming Line And Feeder Fusible Switches.....	2,016.38	119.87
26 24 19 00-0376	EA		200 Amperes, Incoming Line And Feeder Fusible Switches.....	3,263.37	143.84
26 24 19 00-0377	EA		400 Amperes, Incoming Line And Feeder Fusible Switches.....	6,401.50	182.20
26 24 19 00-0378	EA		600 Amperes, Incoming Line And Feeder Fusible Switches.....	8,974.32	239.74
26 24 19 00-0379	EA		800 Amperes, Incoming Line And Feeder Fusible Switches.....	21,746.49	321.25
26 24 19 00-0380	EA		1,200 Amperes, Incoming Line And Feeder Fusible Switches.....	24,561.02	445.92
26 24 19 00-0381			Dry Type Distribution Transformers <small>(26 24 19 00-0268)</small>		
26 24 19 00-0382	EA		500 VA, Phase 1, Dry Type Distribution Transformers.....	1,103.52	
26 24 19 00-0383	EA		750 VA, Phase 1, Dry Type Distribution Transformers.....	1,139.12	
26 24 19 00-0384	EA		1,000 VA, Phase 1, Dry Type Distribution Transformers.....	1,176.33	
26 24 19 00-0385	EA		1,500 VA, Phase 1, Dry Type Distribution Transformers.....	1,349.47	
26 24 19 00-0386	EA		2,000 VA, Phase 1, Dry Type Distribution Transformers.....	1,462.73	
26 24 19 00-0387	EA		3,000 VA, Phase 1, Dry Type Distribution Transformers.....	1,493.02	
26 24 19 00-0388	EA		5,000 VA, Phase 1, Dry Type Distribution Transformers.....	1,990.22	
26 24 19 00-0389	EA		7,500 VA, Phase 1, Dry Type Distribution Transformers.....	2,242.64	
26 24 19 00-0390	EA		9,000 VA, Phase 3, Dry Type Distribution Transformers.....	5,213.41	
26 24 19 00-0391	EA		10,000 VA, Phase 1, Dry Type Distribution Transformers.....	2,766.89	
26 24 19 00-0392	EA		15,000 VA, Phase 1, Dry Type Distribution Transformers.....	3,833.20	
26 24 19 00-0393	EA		15,000 VA, Phase 3, Dry Type Distribution Transformers.....	5,973.90	
26 24 19 00-0394	EA		20,000 VA, Phase 1, Dry Type Distribution Transformers.....	5,532.17	
26 24 19 00-0395	EA		30,000 VA, Phase 1, Dry Type Distribution Transformers.....	7,666.39	
26 24 19 00-0396	EA		30,000 VA, Phase 3, Dry Type Distribution Transformers.....	7,138.11	
26 24 19 00-0397	EA		45,000 VA, Phase 1, Dry Type Distribution Transformers.....	9,887.61	
26 24 19 00-0398			Metering Equipment <small>(26 24 19 00-0268)</small>		
26 24 19 00-0399	EA		Metering Equipment, Voltmeter, Panel Type.....	521.02	
26 24 19 00-0400	EA		Metering Equipment, Voltmeter, Switchboard Type.....	1,139.12	
26 24 19 00-0401	EA		Metering Equipment, Ammeter, Panel.....	469.24	
26 24 19 00-0402	EA		Metering Equipment, Ammeter, Switchboard Type.....	1,139.12	
26 24 19 00-0403	EA		Metering Equipment, Voltmeter/Ammeter, Switch.....	632.66	
26 24 19 00-0404	EA		Metering Equipment, Control Switch, 4 Circuits.....	671.50	
26 24 19 00-0405	EA		Add For Additional Circuits.....	76.53	
26 24 19 00-0406	EA		Metering Equipment, Indicating Wattmeter.....	2,349.43	
26 24 19 00-0407	EA		Metering Equipment, Indicating Power Factor.....	2,461.08	
26 24 19 00-0408	EA		Metering Equipment, Integrating Watt-hour.....	2,169.83	
26 24 19 00-0409	EA		Add For Demand Attachment.....	500.92	
26 24 19 00-0410	EA		800 Amperes, Metering Equipment, Current Transformer.....	648.84	
26 24 19 00-0411	EA		1,000 Amperes, Metering Equipment, Current Transformer.....	1,119.70	
26 24 19 00-0412	EA		2,000 Amperes, Metering Equipment, Current Transformer.....	1,304.16	
26 24 19 00-0413	EA		Metering Equipment, Potential Transformer.....	1,087.34	
26 24 19 00-0414	EA		Metering Equipment, Surge Arrester.....	1,169.86	
26 24 19 00-0415	EA		Metering Equipment, Ground Detector System.....	894.79	
26 24 19 00-0416			Current Limiting Reactors <small>(26 24 19 00-0268)</small>		
26 24 19 00-0417	EA		600 Amperes, Current Limiting Reactors.....	19,971.78	
26 24 19 00-0418	EA		800 Amperes, Current Limiting Reactors.....	29,084.73	
26 24 19 00-0419	EA		1,000 Amperes, Current Limiting Reactors.....	38,218.71	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0420	EA			1,200 Amperes, Current Limiting Reactors.....	58,175.92	
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26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only (26 24 19 00-0268)

26 24 19 00-0422	EA			Incoming Line Cable Space Requirement, 350 MCC, 2 Screw.....	313.42	
26 24 19 00-0423	EA			Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp.....	313.42	
26 24 19 00-0424	EA			Incoming Line Cable Space Requirement, 350 MCC, 4 Screw.....	433.30	
26 24 19 00-0425	EA			Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp.....	792.94	
26 24 19 00-0426	EA			Incoming Line Cable Space Requirement, 600 MCC, 2 Screw.....	433.30	
26 24 19 00-0427	EA			Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp.....	553.18	
26 24 19 00-0428	EA			Incoming Line Cable Space Requirement, 600 MCC, 4 Screw.....	553.18	
26 24 19 00-0429	EA			Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp.....	791.50	
26 24 19 00-0430	EA			Incoming Line Cable Space Requirement, 750 MCC, 2 Screw.....	553.18	
26 24 19 00-0431	EA			Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp.....	791.50	
26 24 19 00-0432	EA			Incoming Line Cable Space Requirement, 750 MCC, 4 Screw.....	673.06	
26 24 19 00-0433	EA			Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp.....	2,182.40	
26 24 19 00-0434	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw.....	673.06	
26 24 19 00-0435	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp.....	791.50	
26 24 19 00-0436	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw.....	2,182.40	
26 24 19 00-0437	EA			Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp.....	2,182.40	
26 24 19 00-0438	EA			Bus Duct Transition Pull Box.....	853.87	
26 24 19 00-0439	EA			Throat And Transition To Substation.....	1,648.39	
26 24 19 00-0440	EA			Service Entrance Label.....	356.98	
26 24 19 00-0441	EA			Type W To 5 Star - 10" Transition.....	746.19	
26 24 19 00-0442	EA			600 Amperes, Sub Feed Lugs On Main Bus.....	332.56	

26 24 19 00-0443 Standard Structures And Structure Options/Modifications (26 24 19 00-0268)

26 24 19 00-0444	EA			Standard Structure Add For Each Additional 4" Of Structure Width.....	235.73	
26 24 19 00-0445	EA			Standard Structure Add For 8" Vertical Wireway In Lieu Of 4".....	235.73	
26 24 19 00-0446	EA			Standard Structure Single Corner Section "L", 16" Depth.....	729.23	
26 24 19 00-0447	EA			Standard Structure Single Corner Section "L", 21" Depth.....	822.50	
26 24 19 00-0448	EA			Standard Structure Unused Space/Future Space.....	70.38	
26 24 19 00-0449	EA			Standard Structure NEMA 12 Dustproof.....	189.94	
26 24 19 00-0450	EA			Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure.....	39.85	
26 24 19 00-0451	EA			Standard Structure 150 Watt Space.....	171.28	
26 24 19 00-0452	EA			Standard Structure Thermostat For Space Heater Control.....	404.91	
26 24 19 00-0453	EA			Standard Structure Rear Hinged Structure Door, 72" High.....	171.28	
26 24 19 00-0454	EA			Standard Structure NEMA 2 Drip Shield On Top Of MCC.....	261.59	
26 24 19 00-0455	EA			Standard Structure NEMA 3R N-Walk In Front Mounted.....	3,731.86	
26 24 19 00-0456	EA			Standard Structure NEMA 3R N-Walk In Back-to-back.....	4,313.48	
26 24 19 00-0457	EA			Standard Structure NEMA 3R Walk-In Aisle Front Mounted.....	4,317.65	

26 24 19 00-0458 Installation Hours For Vertical Sections (26 24 19 00-0268)

26 24 19 00-0459	EA			Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes.....	575.35	287.68
26 24 19 00-0460	EA			Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes.....	863.02	431.54
26 24 19 00-0461	EA			Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes.....	958.96	479.48
26 24 19 00-0462	EA			Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes.....	1,150.85	575.38
26 24 19 00-0463	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes.....	95.89	47.95
26 24 19 00-0464	EA			Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes.....	575.35	287.68
26 24 19 00-0465	EA			Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes.....	863.02	431.54
26 24 19 00-0466	EA			Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes.....	958.96	479.48
26 24 19 00-0467	EA			Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes.....	1,150.85	575.38
26 24 19 00-0468	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes.....	95.89	47.95
26 24 19 00-0469	EA			Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes.....	671.28	335.63
26 24 19 00-0470	EA			Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes.....	863.02	431.54
26 24 19 00-0471	EA			Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes.....	1,150.85	575.38
26 24 19 00-0472	EA			Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes.....	1,342.37	671.17
26 24 19 00-0473	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes.....	143.84	71.93
26 24 19 00-0474	EA			Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes.....	767.17	383.58
26 24 19 00-0475	EA			Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes.....	1,054.94	527.43
26 24 19 00-0476	EA			Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes.....	1,342.37	671.17
26 24 19 00-0477	EA			Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes.....	1,534.07	767.07
26 24 19 00-0478	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes.....	191.79	95.89
26 24 19 00-0479	EA			Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes.....	767.17	383.58
26 24 19 00-0480	EA			Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes.....	1,150.85	575.38
26 24 19 00-0481	EA			Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes.....	1,438.28	719.12
26 24 19 00-0482	EA			Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes.....	1,630.33	815.22
26 24 19 00-0483	EA			Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes.....	191.79	95.89

26 24 19 00-0484 Motor Control Centers (26 24 19)

26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)

26 24 19 00-0486	EA			2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp.....	15,419.08	191.79
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07	
26 24 19 00-0487	EA			2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp.....	15,419.08	191.79
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07	
26 24 19 00-0488	EA			2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp.....	15,419.08	191.79
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07	
26 24 19 00-0489	EA			2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp.....	15,467.06	215.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.47	
26 24 19 00-0490	EA			2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp.....	16,425.39	239.74
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.84	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	16,473.32	263.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.22	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	16,521.26	287.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.61	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	16,617.19	335.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.38	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	16,713.08	383.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.15	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	28,156.82	431.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.91	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	30,220.71	479.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	287.69	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	22,882.58	191.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	23,838.32	206.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.71	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	27,082.40	225.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.21	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	30,145.86	239.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.84	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	32,797.50	278.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	166.87	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	35,934.90	297.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	178.37	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	39,070.42	316.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	189.86	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	42,789.88	345.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	207.14	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	49,794.86	383.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.15	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	53,949.81	407.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.55	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	82,398.97	479.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	287.69	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	87,791.86	527.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	316.48	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	92,485.78	575.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	345.26	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	100,707.40	623.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	374.06	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	21,589.62	191.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.07	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	21,637.60	215.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.47	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	21,685.52	239.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.84	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	21,733.45	263.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.22	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	21,785.06	287.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.61	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	21,833.06	311.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.01	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	21,880.99	335.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.38	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	22,072.73	431.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.91	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	37,623.52	479.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	287.69	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	37,719.50	527.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	316.48	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	39,772.32	575.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	345.26	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	8,486.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	8,744.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	13,388.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.54	
26 24 19 00-0525		4.8 KV Motor Control Centers <small>(26 24 19 00-0494)</small>		
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	16,778.75	287.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.61	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	16,826.75	311.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.01	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	16,874.68	335.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.38	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	16,922.66	359.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	215.78	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	17,871.78	383.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.15	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	17,919.78	407.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.55	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	17,967.63	431.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.91	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	18,015.67	455.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	273.32	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	18,063.57	479.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	287.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0535 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,609.77 374.06	623.42
26 24 19 00-0536 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,705.28 402.71	671.17
26 24 19 00-0537 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,759.94 431.48	719.12
26 24 19 00-0538 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,855.73 460.22	767.07
26 24 19 00-0539 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,335.51 172.61	287.68
26 24 19 00-0540 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,641.00 187.01	311.66
26 24 19 00-0541 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,569.66 201.38	335.63
26 24 19 00-0542 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,363.13 215.78	359.61
26 24 19 00-0543 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33,265.93 230.15	383.58
26 24 19 00-0544 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,412.99 244.55	407.56
26 24 19 00-0545 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,366.78 258.91	431.54
26 24 19 00-0546 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,267.96 273.32	455.50
26 24 19 00-0547 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50,120.92 287.69	479.48
26 24 19 00-0548 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54,777.92 302.08	503.45
26 24 19 00-0549 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59,482.90 330.86	551.40
26 24 19 00-0550 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63,373.00 345.26	575.38
26 24 19 00-0551 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67,042.24 359.61	599.35
26 24 19 00-0552 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72,175.81 374.06	623.42
26 24 19 00-0553 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114,415.29 460.22	767.07
26 24 19 00-0554 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127,238.85 489.10	815.22
26 24 19 00-0555 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152,945.50 517.82	863.06
26 24 19 00-0556 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	161,782.88 517.82	863.06
26 24 19 00-0557 EA 4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,041.53 201.38	335.63
26 24 19 00-0558 EA 4.8 KV CL 14-202, Synchronous Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,089.51 215.78	359.61
26 24 19 00-0559 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,137.42 230.15	383.58
26 24 19 00-0560 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,185.42 244.55	407.56
26 24 19 00-0561 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,171.80 258.91	431.54
26 24 19 00-0562 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,219.84 273.32	455.50
26 24 19 00-0563 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,267.74 287.69	479.48
26 24 19 00-0564 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,315.70 302.08	503.45
26 24 19 00-0565 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,363.72 316.48	527.43
26 24 19 00-0566 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,651.15 402.71	671.17
26 24 19 00-0567 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41,459.39 431.48	719.12
26 24 19 00-0568 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,504.73 460.22	767.07
26 24 19 00-0569 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,504.73 460.22	767.07
26 24 19 00-0570 EA Add For Reversing Starters, 100 To 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,705.77 57.54	
26 24 19 00-0571 EA Add For Reversing Starters, 1,500 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,907.98 57.54	
26 24 19 00-0572 EA Add For Reversing Starters, 3,000 To 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,554.95 57.54	
26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories (26 24 19 00-0484)		
26 24 19 00-0574 EA 2.4/4.8 KV Load Break Disconnect Switch 600 Amp	8,760.77	191.79
26 24 19 00-0575 EA 2.4/4.8 KV Load Break Disconnect Switch 1,200 Amp	10,557.20	287.68
26 24 19 00-0576 EA 2.4/4.8 KV NEMA 3 Weather Resistant	3,410.09	
26 24 19 00-0577 EA 2.4/4.8 KV Space Heaters	190.31	14.39
26 24 19 00-0578 EA 2.4/4.8 KV Potential Transformer Fused	987.93	
26 24 19 00-0579 EA 2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	530.07	
26 24 19 00-0580 EA 2.4/4.8 KV Control Transformer 4 KVA Max	1,578.67	
26 24 19 00-0581 EA 2.4/4.8 KV Pushbuttons Each	101.10	
26 24 19 00-0582 EA 2.4/4.8 KV Selector Switch Each	335.09	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR
CSI UOM DESCRIPTION

26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light.....	101.10	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light.....	306.20	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	814.61	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	814.61	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter.....	2,436.61	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	1,679.77	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter.....	334.97	14.39
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection.....	2,380.84	47.95
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	4,513.86	23.98
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection.....	2,556.63	23.98
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	3,080.21	14.39
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	4,447.93	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay.....	482.50	47.95
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay.....	351.55	47.95

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers (26 24 19 00-0484)

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amp, 14,000 Amp IC, 3-Pole, With Structure Included.....	1,136.72	287.66
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amp, 22,000 Amp IC, 3-Pole, With Structure Included.....	1,970.74	509.18
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	2,346.14	651.96
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	3,772.65	1,049.85
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	4,447.56	1,154.84
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	5,783.60	1,280.82
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 45,000 Amp IC, 3-Pole, With Structure Included.....	6,728.80	1,501.29
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 100,000 Amp IC, 3-Pole, With Structure Included.....	11,817.32	1,749.06

26 24 19 00-0606 Main Lugs Only (26 24 19 00-0484)

26 24 19 00-0607	EA	600 Amp Incoming Section, Main Lugs.....	879.28	367.45
26 24 19 00-0608	EA	800 Amp Incoming Section, Main Lugs.....	953.60	367.45
26 24 19 00-0609	EA	1,200 Amp Incoming Section, Main Lugs.....	1,330.52	577.42
26 24 19 00-0610	EA	2,000 Amp Incoming Section, Main Lugs.....	3,341.88	1,049.85
26 24 19 00-0611	EA	3,000 Amp Incoming Section, Main Lugs.....	5,093.63	1,522.29
26 24 19 00-0612	EA	4,000 Amp Incoming Section, Main Lugs.....	7,292.74	2,099.71

26 24 19 00-0613 Incoming Main Circuit Breaker Structure (26 24 19 00-0484)

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 Amp, Main Circuit Breaker Section	6,273.37	508.03
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	
26 24 19 00-0615	EA	400 Amp, Main Circuit Breaker Section	13,395.04	652.59
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	
26 24 19 00-0616	EA	600 Amp, Main Circuit Breaker Section	13,845.89	1,016.47
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	
26 24 19 00-0617	EA	800 Amp, Main Circuit Breaker Section	19,751.46	1,016.47
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	
26 24 19 00-0618	EA	1,200 Amp, Main Circuit Breaker Section	28,646.90	1,150.11
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section (26 24 19 00-0484)

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amp, Fusible Main Disconnect Section.....	5,434.84	508.66
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	
26 24 19 00-0621	EA	400 Amp, Fusible Main Disconnect Section.....	7,513.11	652.90
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For NEMA 1 With Gaskets, Add	97.00	
		For NEMA 12, Add	245.00	
		For 20" Cabinet Depth, Add	108.00	

		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0622	EA	600 Amp, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	14,725.12 182.00 334.00 97.00 245.00 108.00	1,017.31
26 24 19 00-0623	EA	800 Amp, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	17,147.69 182.00 334.00 97.00 245.00 108.00	1,017.31
26 24 19 00-0624	EA	1,200 Amp, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	24,202.07 182.00 334.00 97.00 245.00 108.00	1,151.16
26 24 19 00-0625 Circuit Breaker Combination Starters (26 24 19 00-0484)				
26 24 19 00-0626 Class I, Type A (26 24 19 00-0625)				
26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	954.07 121.51	213.12
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,111.41 134.60	213.12
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,616.76 181.01	302.35
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,645.80 238.61	397.89
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,770.06 298.25	497.63
26 24 19 00-0632 Class I, Type B (26 24 19 00-0625)				
26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	905.29 104.99	185.83
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,056.85 118.23	185.83
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,551.78 161.52	268.76
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,579.52 218.72	364.30
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,716.61 282.22	465.08
26 24 19 00-0638 Class I, Type C (26 24 19 00-0625)				
26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	957.37 95.09	172.17
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,118.14 111.69	172.17
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,663.82 154.39	257.21
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,697.53 213.39	355.90
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,827.06 273.40	456.69
26 24 19 00-0644 Class II, Type B (26 24 19 00-0625)				
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	951.74 144.21	255.11
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,321.10 161.02	255.11
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,876.02 203.46	340.15
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,073.93 262.46	435.69
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,568.39 320.08	532.28
26 24 19 00-0650 Class II, Type C (26 24 19 00-0625)				
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,194.15 138.14	241.47
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,372.30 150.84	241.47
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,993.44 197.34	329.65
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,184.24 254.82	425.19
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,693.36 316.22	524.93
26 24 19 00-0656 Fused Disconnect Combination Starter (26 24 19 00-0484)				

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0657			Class I, Type A <small>(26 24 19 00-0656)</small>		
26 24 19 00-0658	EA		Size 1, Class I, Type A Fused Disconnect Combination Starter 869.91	196.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 118.23		
26 24 19 00-0659	EA		Size 2, Class I, Type A Fused Disconnect Combination Starter 1,312.99	268.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 161.02		
26 24 19 00-0660	EA		Size 3, Class I, Type A Fused Disconnect Combination Starter 2,090.28	349.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 209.97		
26 24 19 00-0661	EA		Size 4, Class I, Type A Fused Disconnect Combination Starter 2,858.87	490.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 294.90		
26 24 19 00-0662	EA		Size 5, Class I, Type A Fused Disconnect Combination Starter 5,018.97	624.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 374.95		
26 24 19 00-0663			Class I, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0664	EA		Size 1, Class I, Type B Fused Disconnect Combination Starter 887.05	175.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 104.99		
26 24 19 00-0665	EA		Size 2, Class I, Type B Fused Disconnect Combination Starter 1,194.44	240.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 144.21		
26 24 19 00-0666	EA		Size 3, Class I, Type B Fused Disconnect Combination Starter 1,768.82	321.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 192.99		
26 24 19 00-0667	EA		Size 4, Class I, Type B Fused Disconnect Combination Starter 2,962.13	464.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 279.22		
26 24 19 00-0668	EA		Size 5, Class I, Type B Fused Disconnect Combination Starter 5,107.83	590.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 354.68		
26 24 19 00-0669			Class I, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0670	EA		Size 1, Class I, Type C Fused Disconnect Combination Starter 939.76	163.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 98.30		
26 24 19 00-0671	EA		Size 2, Class I, Type C Fused Disconnect Combination Starter 1,263.04	222.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 134.60		
26 24 19 00-0672	EA		Size 3, Class I, Type C Fused Disconnect Combination Starter 1,924.28	309.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 187.47		
26 24 19 00-0673	EA		Size 4, Class I, Type C Fused Disconnect Combination Starter 3,116.61	456.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 273.40		
26 24 19 00-0674	EA		Size 5, Class I, Type C Fused Disconnect Combination Starter 4,830.91	583.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 349.95		
26 24 19 00-0675			Class II, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0676	EA		Size 1, Class II, Type B Fused Disconnect Combination Starter 1,117.78	245.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 147.45		
26 24 19 00-0677	EA		Size 2, Class II, Type B Fused Disconnect Combination Starter 1,444.50	306.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 183.54		
26 24 19 00-0678	EA		Size 3, Class II, Type B Fused Disconnect Combination Starter 2,096.71	394.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 236.45		
26 24 19 00-0679	EA		Size 4, Class II, Type B Fused Disconnect Combination Starter 3,418.60	532.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 320.08		
26 24 19 00-0680	EA		Size 5, Class II, Type B Fused Disconnect Combination Starter 5,873.37	664.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 397.67		
26 24 19 00-0681			Class II, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0682	EA		Size 1, Class II, Type C Fused Disconnect Combination Starter 1,161.72	230.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 138.14		
26 24 19 00-0683	EA		Size 2, Class II, Type C Fused Disconnect Combination Starter 1,512.74	289.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 173.82		
26 24 19 00-0684	EA		Size 3, Class II, Type C Fused Disconnect Combination Starter 2,227.44	376.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 226.26		
26 24 19 00-0685	EA		Size 4, Class II, Type C Fused Disconnect Combination Starter 3,557.91	519.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 312.46		
26 24 19 00-0686	EA		Size 5, Class II, Type C Fused Disconnect Combination Starter 6,008.25	643.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 385.97		
26 24 19 00-0687			Space Complete With Bus And Hardware <small>(26 24 19 00-0484)</small>		
26 24 19 00-0688			Circuit Breaker Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0689	EA		Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware 267.92	71.39	
26 24 19 00-0690	EA		Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware 267.92	71.39	
26 24 19 00-0691	EA		Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware 398.33	103.93	
26 24 19 00-0692	EA		Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware 471.42	136.48	
26 24 19 00-0693	EA		Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware 793.64	207.87	
26 24 19 00-0694			Fused Disconnect Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0695	EA		Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware 267.92	71.39	
26 24 19 00-0696	EA		Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware 354.23	103.93	
26 24 19 00-0697	EA		Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware 493.00	136.48	
26 24 19 00-0698	EA		Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware 853.86	207.87	
26 24 19 00-0699	EA		Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware 1,189.00	302.35	
26 24 19 00-0700			Blank Space For Future Expansion <small>(26 24 19 00-0687)</small>		
			Note: Factory modified no labor costs.		
26 24 19 00-0701	EA		Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs 125.66		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0702	EA		Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	125.66	
26 24 19 00-0703	EA		Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	190.52	
26 24 19 00-0704	EA		Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	190.52	
26 24 19 00-0705	EA		Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	379.01	
26 24 19 00-0706			Structure Combination Of Starters To 72" High <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707	EA		Structure Combination Of Starters To 72" High	3,147.88	552.54
26 24 19 00-0708			Motor Control Center Basic Distribution Section <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709	EA		20" Wide Basic Section With Vertical Wireway	5,221.34	1,438.93
			For 20" Cabinet Depth, Add	108.00	
			For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
			For NEMA 1 With Gasket, Add	97.00	
			For NEMA 12, Add	245.00	
			For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0710	EA		25"-35" Wide Basic Section (No Vertical Wireway)	5,221.34	1,438.93
			For 20" Cabinet Depth, Add	108.00	
			For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
			For NEMA 1 With Gasket, Add	97.00	
			For NEMA 12, Add	245.00	
			For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0711	EA		25" Wide Basic Section With 9" Wide Vertical Wireway	5,773.54	1,438.93
			For 20" Cabinet Depth, Add	108.00	
			For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
			For NEMA 1 With Gasket, Add	97.00	
			For NEMA 12, Add	245.00	
			For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0712	EA		Corner Section	5,773.54	1,438.93
			For 20" Cabinet Depth, Add	108.00	
			For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
			For NEMA 1 With Gasket, Add	97.00	
			For NEMA 12, Add	245.00	
			For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0713			Motor Control Center Starters With HMCP Circuit Breaker <small>(26 24 19 00-0484)</small>		
			Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714			FVNR Starters With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0715	EA		Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,365.00	202.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	121.25	
26 24 19 00-0716	EA		Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,519.36	224.15
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	134.48	
26 24 19 00-0717	EA		Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,639.30	301.31
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	180.80	
26 24 19 00-0718	EA		Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	3,830.56	397.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	238.39	
26 24 19 00-0719	EA		Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	8,756.72	496.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.92	
26 24 19 00-0720	EA		Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	20,520.55	496.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.92	
26 24 19 00-0721	EA		Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,379.86	174.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.87	
26 24 19 00-0722	EA		Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,556.26	196.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	118.10	
26 24 19 00-0723	EA		Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,700.81	268.76
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	161.25	
26 24 19 00-0724	EA		Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	3,834.97	364.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	218.60	
26 24 19 00-0725	EA		Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	8,774.78	470.33
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	282.22	
26 24 19 00-0726	EA		Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	20,665.19	470.33
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	282.22	
26 24 19 00-0727			Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0728	EA		Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,190.47	252.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	151.71	
26 24 19 00-0729	EA		Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,689.15	279.78
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	167.89	
26 24 19 00-0730	EA		Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,436.84	376.05
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	225.62	
26 24 19 00-0731	EA		Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	7,641.72	497.11
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	298.25	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
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 TOTAL DIRECT DEMOLITION
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26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	13,816.95	621.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	373.17	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,227.03	218.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.01	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,748.62	246.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.73	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,519.63	336.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.89	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	7,664.43	455.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	273.40	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	13,855.57	588.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	353.09	
26 24 19 00-0738		Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,401.59	252.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.71	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,422.45	279.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	167.89	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,467.84	376.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	225.62	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	8,808.52	497.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	298.25	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	17,680.49	621.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	373.17	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,438.15	218.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.01	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,481.92	246.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.73	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,550.63	336.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.89	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	8,831.23	455.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	273.40	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	17,719.11	588.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	353.09	
26 24 19 00-0749		Motor Control Center Starters With Fusible Disconnect <small>(26 24 19 00-0484)</small>		
		Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0750		FVNR Starters With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,099.24	197.06
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,432.21	267.81
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,394.06	348.97
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,042.88	491.54
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	8,145.09	624.87
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	20,705.46	624.87
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,123.14	174.70
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,467.88	239.89
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,465.99	321.68
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,060.96	465.40
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	8,147.90	591.17
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	20,834.94	591.17
26 24 19 00-0763		Two Speed 2-Winding (TS2W) With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,899.42	246.72
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,647.06	334.80
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,103.55	436.00
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	8,620.10	616.16
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	14,041.89	721.04
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,947.41	218.37
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,703.42	299.63
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,198.54	402.51
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	8,654.78	580.68
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	14,065.25	679.99
26 24 19 00-0774		Two Speed 1-Winding (TS1W) With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,217.52	246.72
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,391.62	334.80
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,155.66	436.00
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,047.98	616.16
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	17,120.05	721.04
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,266.44	218.37
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,447.97	299.63
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,250.65	402.51
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,082.65	580.68
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	17,143.42	679.99
26 24 19 00-0785		Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit <small>(26 24 19 00-0484)</small>		
		Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA	600 Amp Horizontal Tin Plated Copper Bus Kit	240.22	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.88	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0787	EA			800 Amp Horizontal Tin Plated Copper Bus Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	294.64 7.88	
26 24 19 00-0788	EA			1,200 Amp Horizontal Tin Plated Copper Bus Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	354.32 9.46	
26 24 19 00-0789	EA			1,600 Amp Horizontal Tin Plated Copper Bus Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	461.29 9.46	
26 24 19 00-0790	EA			2,000 Amp Horizontal Tin Plated Copper Bus Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	774.31 11.04	
26 24 19 00-0791	EA			1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	137.37 6.31	
26 24 19 00-0792				Disconnect Switch For Motor Control Centers (26 24 19 00-0484)		
26 24 19 00-0793				3 Pole Circuit Breaker Disconnect For Motor Control Center (26 24 19 00-0792) Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA			150 Amp Rating, 15 To 100 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	749.53	151.71
26 24 19 00-0795	EA			150 Amp Rating, 125 To 150 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,276.71	167.98
26 24 19 00-0796	EA			225 Amp Rating, 70 To 225 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,565.21	226.24
26 24 19 00-0797	EA			400 Amp Rating, 125 To 400 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	2,569.47	298.16
26 24 19 00-0798	EA			600 Amp Rating, 300 To 600 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,388.23	372.70
26 24 19 00-0799	EA			800 Amp Rating, 400 To 800 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,987.06	372.70
26 24 19 00-0800	EA			1,200 Amp Rating, 600 To 1,200 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	10,166.17	466.66
26 24 19 00-0801				Fusible Disconnect Switch For Motor Control Center (26 24 19 00-0792) Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA			30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips.....	759.47	147.50
26 24 19 00-0803	EA			60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips.....	894.74	201.05
26 24 19 00-0804	EA			100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips.....	1,226.62	257.21
26 24 19 00-0805	EA			200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips.....	2,289.50	368.50
26 24 19 00-0806	EA			400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips.....	4,071.83	468.66
26 24 19 00-0807	EA			600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips.....	9,363.97	468.66
26 24 19 00-0808	EA			800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips.....	11,575.82	585.82
26 24 19 00-0809	EA			1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips.....	17,115.67	585.82
26 24 19 00-0810				Control Circuit Transformer (26 24 19 00-0484)		
26 24 19 00-0811	EA			Control Circuit Transformer, Size 1 Factory Installed	67.04	
26 24 19 00-0812	EA			Control Circuit Transformer, Size 2 Factory Installed	67.04	
26 24 19 00-0813	EA			Control Circuit Transformer, Size 3 Factory Installed	129.11	
26 24 19 00-0814	EA			Control Circuit Transformer, Size 4 Factory Installed	129.11	
26 24 19 00-0815	EA			Control Circuit Transformer, Size 5 Factory Installed	179.37	
26 24 19 00-0816	EA			Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	49.27	11.88
26 24 19 00-0817				Cover Mounted Control Devices (26 24 19 00-0484)		
26 24 19 00-0818	EA			Control Device, 2 Unit Push Button Station Cover Mounted..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.79 13.13	21.00
26 24 19 00-0819	EA			Control Device, 2-3 Unit Selector Switch Cover Mounted..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	124.20 16.40	21.00
26 24 19 00-0820	EA			Control Device, Pilot Light Cover Mounted..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.77 9.83	21.00
26 24 19 00-0821	EA			Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	282.46	71.39
26 24 19 00-0822	EA			Auxiliary Contact Add Per Starter	342.99	27.19
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.32	
26 24 19 00-0823				Extra Interlocks (26 24 19 00-0484) Note: Per contact.		
26 24 19 00-0824	EA			Extra Interlocks, Class I, Type A Per Contact	72.01	13.64
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.83	
26 24 19 00-0825	EA			Extra Interlocks, Class I, Type B Per Contact.....	100.04	13.64
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.83	
26 24 19 00-0826	EA			Extra Interlocks, Class I, Type C Per Contact.....	111.41	13.64
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.20	
26 24 19 00-0827	EA			Extra Interlocks, Class II, Type B Per Contact.....	100.34	13.64
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.56	
26 24 19 00-0828	EA			Extra Interlocks, Class II, Type C Per Contact.....	106.19	13.64
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.95	
26 24 19 00-0829				Special Cabinet Provisions (26 24 19 00-0484)		
26 24 19 00-0830	EA			Provisions For Bus Duct Entrance Special Cabinet Provisions.....	839.23	
26 24 19 00-0831				Nameplate Requirements (26 24 19 00-0484)		
26 24 19 00-0832	EA			Special Cabinet Nameplate Requirements	29.80	
26 24 19 00-0833				Auxiliary Relays (26 24 19 00-0484)		
26 24 19 00-0834	EA			Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts.....	162.91	26.28
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay.....	153.95	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base.....	87.05	23.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.77	
26 24 19 00-0837		Motor Control Center Accessories (26 24 19 00-0484)		
26 24 19 00-0838		Lighting Transformer With Circuit Breaker (26 24 19 00-0837)		
		Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	4,845.18	335.38
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,037.54	348.80
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,511.92	375.62
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	6,931.76	402.46
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,324.66	429.29
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	11,456.26	482.95
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	15,056.92	536.61
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	8,789.38	442.70
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,549.13	482.95
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	10,922.15	536.61
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	11,586.41	590.27
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	13,981.82	643.93
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	14,425.37	697.59
26 24 19 00-0852		Bolt-On Lighting Panel (26 24 19 00-0837)		
		Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	2,003.10	546.35
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	3,112.34	950.96
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	4,133.63	1,286.59
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	2,092.68	591.17
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	3,071.87	930.69
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	4,294.44	1,367.02
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	3,412.30	633.69
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	4,524.42	1,017.31
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	5,642.81	1,367.02
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	3,511.97	683.46
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	4,524.42	1,017.31
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	5,731.01	1,411.11
26 24 19 00-0865		Factory Installed Bolt-On Branch Circuit Breaker (26 24 19 00-0837)		
		Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 To 30 Amperes, 1 Pole, Bolt-On Branch Circuit Breaker.....	17.89	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker.....	258.64	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	34.97	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	80.52	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	94.34	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	143.14	
26 24 19 00-0872		Blank Unit Door (BUD) (26 24 19 00-0837)		
		Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	68.97	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	82.76	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	124.15	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	165.53	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	248.29	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	289.67	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	331.06	
26 25 Enclosed Bus Assemblies (26 20)				
26 25 13 Low-Voltage Busways (26 25)				
26 25 13 00-0001 Plug-In Bus Duct (26 25 13)				
		Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors (26 25 13 00-0001)				
26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	278.40	31.50
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	395.56	31.50
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	501.74	41.99
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	694.35	41.99
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	732.40	52.49
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,022.16	52.49
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,197.13	55.12
26 25 13 00-0010	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,458.90	56.69
26 25 13 00-0011	LF	2,500 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,801.75	59.85
26 25 13 00-0012	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,080.32	69.81
26 25 13 00-0013	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,408.05	76.11
26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors (26 25 13 00-0001)				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0015 LF 225 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	458.75	31.50
26 25 13 00-0016 LF 400 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	663.53	31.50
26 25 13 00-0017 LF 600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	750.25	41.99
26 25 13 00-0018 LF 800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	954.73	41.99
26 25 13 00-0019 LF 1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,165.42	52.49
26 25 13 00-0020 LF 1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,511.49	52.49
26 25 13 00-0021 LF 1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,955.19	54.39
26 25 13 00-0022 LF 2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,355.87	56.69
26 25 13 00-0023 LF 2,500 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,923.06	59.31
26 25 13 00-0024 LF 3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,374.18	69.81
26 25 13 00-0025 LF 4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,911.92	76.11
26 25 13 00-0026 Cable Tap Boxes (26 25 13 00-0001)		
26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors (26 25 13 00-0026)		
26 25 13 00-0028 EA 225 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,308.01	146.98
26 25 13 00-0029 EA 400 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,379.93	146.98
26 25 13 00-0030 EA 600 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,569.55	199.47
26 25 13 00-0031 EA 800 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,730.79	199.47
26 25 13 00-0032 EA 1,000 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,925.99	262.46
26 25 13 00-0033 EA 1,350 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,204.73	262.46
26 25 13 00-0034 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors (26 25 13 00-0026)		
26 25 13 00-0035 EA 225 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,379.93	288.71
26 25 13 00-0036 EA 400 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,581.59	288.71
26 25 13 00-0037 EA 600 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,753.81	393.70
26 25 13 00-0038 EA 800 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,093.61	393.70
26 25 13 00-0039 EA 1,000 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,249.06	524.93
26 25 13 00-0040 EA 1,350 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,697.96	524.93
26 25 13 00-0041 Bus Duct Plug-In Circuit Breaker (26 25 13 00-0001)		
26 25 13 00-0042 240 Volt, 3-Phase (26 25 13 00-0041)		
26 25 13 00-0043 EA 60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,032.34	104.99
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.43	
26 25 13 00-0044 EA 100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,068.67	104.99
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.73	
26 25 13 00-0045 600 Volt, 3-Phase (26 25 13 00-0041)		
26 25 13 00-0046 EA 60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,014.36	104.99
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.43	
26 25 13 00-0047 EA 100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,609.31	104.99
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.73	
26 25 13 00-0048 120/208 Volt, 3-Phase, 4-Wire (26 25 13 00-0041)		
26 25 13 00-0049 EA 60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,188.98	125.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.62	
26 25 13 00-0050 EA 100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,419.08	125.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.02	
26 25 13 00-0051 277/480 Volt, 3-Phase, 4-Wire (26 25 13 00-0041)		
26 25 13 00-0052 EA 60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,364.40	125.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.62	
26 25 13 00-0053 EA 100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,105.96	125.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.02	
26 25 13 00-0054 EA 225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	3,051.19	435.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	188.82	
26 25 13 00-0055 EA 400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,297.25	435.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	410.10	
26 25 13 00-0056 EA 600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	8,111.60	1,259.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	570.57	
26 25 13 00-0057 EA 800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	10,040.33	1,259.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,009.47	
26 25 13 00-0058 Bus Duct Plug-In Fusible Switch (26 25 13 00-0001)		
26 25 13 00-0059 240 Volt, 3-Pole, 3-Fuse (26 25 13 00-0058)		
26 25 13 00-0060 EA 30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,029.92	104.99
26 25 13 00-0061 EA 60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,128.62	104.99
26 25 13 00-0062 EA 100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,563.26	125.98
26 25 13 00-0063 EA 200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,635.20	251.97
26 25 13 00-0064 EA 400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,679.84	566.92
26 25 13 00-0065 EA 600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,946.76	986.86
26 25 13 00-0066 600 Volt, 3-Pole, 3-Fuse (26 25 13 00-0058)		
26 25 13 00-0067 EA 30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,073.97	115.48
26 25 13 00-0068 EA 60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,170.01	115.48

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 25 Enclosed Bus Assemblies

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,578.67		115.48
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,704.42		241.47
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,651.80		545.92
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,145.59		1,049.85
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	16,732.52		1,364.81
26 25 13 00-0074		120/208 Volt, 4-pole, 3 Fuse <small>(26 25 13 00-0058)</small>			
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,193.06		136.48
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,277.32		136.48
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,727.51		136.48
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,929.68		283.46
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,323.09		629.91
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,648.85		965.87
26 25 13 00-0081		277/480 Volt, 4-pole, 3-Fuse <small>(26 25 13 00-0058)</small>			
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,233.40		136.48
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,317.66		115.79
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,845.39		157.48
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,055.48		283.46
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,323.09		629.91
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,648.85		965.87
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	16,928.26		1,280.82
26 25 16		Low-Voltage Cablebus Systems <small>(26 25)</small>			
26 25 16 00-0001		Feeder Bus Duct <small>(26 25 16)</small>			
Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.					
26 25 16 00-0002		600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance <small>(26 25 16 00-0001)</small>			
Note: Copper conductors.					
26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	836.85		44.10
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	847.63		44.10
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,111.37		44.10
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,336.05		44.10
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,633.88		44.10
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,229.10		104.99
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,083.81		104.99
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,648.42		104.99
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,495.96		104.99
26 25 16 00-0012		277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated <small>(26 25 16 00-0001)</small>			
Note: Low impedance, copper conductors.					
26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	960.73		47.24
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	974.73		47.24
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,256.13		47.24
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,489.22		47.24
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,799.67		47.24
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,767.82		80.84
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,471.81		80.84
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,107.50		150.13
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	5,068.54		150.13
26 27 Low-Voltage Distribution Equipment <small>(26 20)</small>					
26 27 13 Electricity Metering <small>(26 27)</small>					
26 27 13 00-0001		Revenue Metering <small>(26 27 13)</small>			
26 27 13 00-0002		Meter Socket Base <small>(26 27 13 00-0001)</small>			
Note: NEMA 3R.					
26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	233.28		68.24
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	247.00		68.24
26 27 13 00-0005	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	318.82		83.99
26 27 13 00-0006	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	322.72		83.99
26 27 13 00-0007	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	617.22		94.49
26 27 13 00-0008	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	818.77		104.99
26 27 13 00-0009	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,008.95		115.48
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,345.34		524.93
26 27 13 00-0011		Meter Device <small>(26 27 13 00-0001)</small>			
Note: Direct read, with 15 minute demand.					
26 27 13 00-0012	EA	100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	227.64		21.00
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.92
26 27 13 00-0013	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	637.39		21.02
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.14
26 27 13 00-0014		Current Transformer Enclosure <small>(26 27 13 00-0001)</small>			
26 27 13 00-0015	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	484.22		136.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 13 00-0016		120/240 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0017		800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	885.55	65.62
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,164.72	78.74
26 27 13 00-0020	EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,442.40	91.86
26 27 13 00-0021	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,671.28	104.99
26 27 13 00-0022	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	2,173.79	118.11
26 27 13 00-0023	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	2,347.94	131.23
26 27 13 00-0024	EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	2,740.63	157.48
26 27 13 00-0025		1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0026	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,625.09	65.62
26 27 13 00-0027	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,139.43	78.74
26 27 13 00-0028	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,946.25	104.99
26 27 13 00-0029	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	3,268.30	118.11
26 27 13 00-0030	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	4,108.02	131.23
26 27 13 00-0031		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,355.14	91.86
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,777.78	104.99
26 27 13 00-0034	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,173.79	118.11
26 27 13 00-0035	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,555.01	131.23
26 27 13 00-0036	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,217.25	144.36
26 27 13 00-0037	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.63	157.48
26 27 13 00-0038	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,183.42	183.72
26 27 13 00-0039		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0040	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,091.71	91.86
26 27 13 00-0041	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,739.17	104.99
26 27 13 00-0042	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,856.58	131.23
26 27 13 00-0043	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,134.27	144.36
26 27 13 00-0044	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,284.58	157.48
26 27 13 00-0045		120/208 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0046		800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0047	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	965.05	78.74
26 27 13 00-0048	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,260.48	91.86
26 27 13 00-0049	EA	5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,554.44	104.99
26 27 13 00-0050	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,804.03	118.11
26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,214.82	131.23
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,388.98	144.36
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,944.36	170.60
26 27 13 00-0054		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,710.50	78.74
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,254.42	91.86
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,253.51	118.11
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,575.56	131.23
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,326.58	144.36
26 27 13 00-0060		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,434.65	104.99
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,863.21	118.11
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,303.60	131.23
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,684.82	144.36
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.67	157.48
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,535.98	170.60
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,402.00	196.85
26 27 13 00-0068		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,191.93	104.99
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,883.76	118.11
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,134.30	144.36
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,323.23	157.48
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,488.35	170.60

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing (26 27 13 00-0001)		
26 27 13 00-0075		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0074)		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	885.55	65.62
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,164.72	78.74
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,671.28	104.99
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,173.79	118.11
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,688.12	131.23
26 27 13 00-0081		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0074)		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,625.08	65.62
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,139.42	78.74
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,094.14	104.99
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,162.20	118.11
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,108.02	131.23
26 27 13 00-0087		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0074)		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,355.14	91.86
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,777.78	104.99
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,555.01	131.23
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,217.25	144.36
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.63	157.48
26 27 13 00-0093		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0074)		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,091.72	91.86
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,739.17	104.99
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,856.58	131.23
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,134.27	144.36
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,284.62	157.48
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing (26 27 13 00-0001)		
26 27 13 00-0100		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0099)		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	965.05	78.74
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,260.48	91.86
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,804.03	118.11
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,362.73	131.23
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,684.79	144.36
26 27 13 00-0106		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0099)		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,710.49	78.74
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,254.41	91.86
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,105.60	118.11
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,427.65	131.23
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,326.55	144.36
26 27 13 00-0112		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0099)		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,434.63	104.99
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,863.19	118.11
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,684.79	144.36
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.63	157.48
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,535.98	170.60
26 27 13 00-0118		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0099)		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,191.91	104.99
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,883.74	118.11
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,134.27	144.36
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,323.23	157.48
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,488.35	170.60
26 27 13 00-0124		Watt/Hour Meters (26 27 13)		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	946.24	62.99
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	2,867.87	125.98
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,526.53	94.49
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,864.32	94.49
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,576.15	94.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0130	EA		C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,065.74	87.13
26 27 13 00-0131	EA		P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure.....	1,822.65	157.48
26 27 13 00-0132			Watt/Hour Meter Systems <small>(26 27 13)</small>		
			Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133			Watt/Hour Meter System Without Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0134	EA		400 Amperes System; 200 Amperes M-90 Meter And Enclosure.....	4,688.96	630.01
26 27 13 00-0135	EA		600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure.....	5,486.14	630.01
26 27 13 00-0136			Watt/Hour Meter System With Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0137	EA		400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	8,189.00	630.01
26 27 13 00-0138	EA		600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	9,927.30	630.01
26 27 13 00-0139	EA		800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	10,664.50	630.01
26 27 16			Electrical Cabinets And Enclosures <small>(26 27)</small>		
			Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001			NEMA 1 Enclosures, Lockable <small>(26 27 16)</small>		
26 27 16 00-0002			Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0001)</small>		
26 27 16 00-0003			4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0004	EA		6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	63.55	21.00
26 27 16 00-0005	EA		6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	71.03	23.10
26 27 16 00-0006	EA		8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	78.58	25.19
26 27 16 00-0007	EA		8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	91.72	29.39
26 27 16 00-0008	EA		10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	99.64	31.50
26 27 16 00-0009	EA		10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	108.05	33.60
26 27 16 00-0010	EA		12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	107.79	33.60
26 27 16 00-0011	EA		12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	116.38	35.69
26 27 16 00-0012	EA		12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	125.34	37.80
26 27 16 00-0013	EA		16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	163.26	50.39
26 27 16 00-0014	EA		16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	197.93	60.89
26 27 16 00-0015	EA		18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	188.52	58.79
26 27 16 00-0016			6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0017	EA		6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	79.07	25.19
26 27 16 00-0018	EA		8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	95.38	29.39
26 27 16 00-0019	EA		10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	114.17	35.69
26 27 16 00-0020	EA		10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	122.95	37.80
26 27 16 00-0021	EA		12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	131.89	39.89
26 27 16 00-0022	EA		12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	141.17	41.99
26 27 16 00-0023	EA		16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	179.92	54.60
26 27 16 00-0024	EA		16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	218.66	67.19
26 27 16 00-0025	EA		18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	211.02	65.10
26 27 16 00-0026	EA		18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	274.40	83.99
26 27 16 00-0027	EA		24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	346.36	96.59
26 27 16 00-0028	EA		24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	392.97	104.99
26 27 16 00-0029	EA		30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	434.57	111.29
26 27 16 00-0030	EA		36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	470.91	115.48
26 27 16 00-0031	EA		24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	310.64	83.99
26 27 16 00-0032			Screw Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0001)</small>		
26 27 16 00-0033			3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0032)</small>		
26 27 16 00-0034	EA		4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	43.71	14.70
26 27 16 00-0035	EA		6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	62.47	21.00
26 27 16 00-0036	EA		8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	69.49	23.10
26 27 16 00-0037			4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0032)</small>		
26 27 16 00-0038	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	49.08	16.80
26 27 16 00-0039	EA		6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	60.96	21.00
26 27 16 00-0040	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	67.88	23.10
26 27 16 00-0041	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	74.90	25.19
26 27 16 00-0042	EA		8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	87.39	29.39
26 27 16 00-0043	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	94.68	31.50
26 27 16 00-0044	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	102.29	33.60
26 27 16 00-0045	EA		12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	102.05	33.60
26 27 16 00-0046	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	109.93	35.69
26 27 16 00-0047	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	118.00	37.80
26 27 16 00-0048	EA		16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	154.91	50.39
26 27 16 00-0049	EA		16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	192.28	62.99
26 27 16 00-0050	EA		18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	178.62	58.79
26 27 16 00-0051	EA		18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	231.03	75.59
26 27 16 00-0052	EA		24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	324.90	94.49
26 27 16 00-0053			6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0032)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 27 16 00-0054	EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	75.23 25.19
26 27 16 00-0055	EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	82.70 27.30
26 27 16 00-0056	EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	95.34 31.50
26 27 16 00-0057	EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	108.20 35.69
26 27 16 00-0058	EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	116.18 37.80
26 27 16 00-0059	EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	124.23 39.89
26 27 16 00-0060	EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	132.55 41.99
26 27 16 00-0061	EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	170.19 54.60
26 27 16 00-0062	EA 16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	209.18 67.19
26 27 16 00-0063	EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	199.53 65.10
26 27 16 00-0064	EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	259.05 83.99
26 27 16 00-0065	EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	318.63 96.59
26 27 16 00-0066	EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	361.79 104.99
26 27 16 00-0067	EA 30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	389.40 111.29
26 27 16 00-0068	EA 36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	422.24 115.48
26 27 16 00-0069	8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)	
26 27 16 00-0070	EA 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	108.20 35.69
26 27 16 00-0071	EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	146.13 46.19
26 27 16 00-0072	EA 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	185.81 58.79
26 27 16 00-0073	EA 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	230.93 73.49
26 27 16 00-0074	EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	221.40 71.39
26 27 16 00-0075	EA 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	274.12 88.19
26 27 16 00-0076	EA 24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	307.14 100.79
26 27 16 00-0077	EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	350.44 107.09
26 27 16 00-0078	EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	398.78 115.48
26 27 16 00-0079	EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	423.67 121.79
26 27 16 00-0080	EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	443.95 125.98
26 27 16 00-0081	EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	453.73 125.98
26 27 16 00-0082	10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)	
26 27 16 00-0083	EA 18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	250.53 79.79
26 27 16 00-0084	EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	328.46 102.88
26 27 16 00-0085	EA 24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	335.46 109.18
26 27 16 00-0086	EA 24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	420.97 117.59
26 27 16 00-0087	EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	481.44 130.18
26 27 16 00-0088	EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	528.31 134.38
26 27 16 00-0089	EA 36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	561.99 140.68
26 27 16 00-0090	12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)	
26 27 16 00-0091	EA 18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	362.51 113.38
26 27 16 00-0092	EA 24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	365.05 119.68
26 27 16 00-0093	EA 24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	463.39 130.18
26 27 16 00-0094	EA 24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	525.91 142.78
26 27 16 00-0095	EA 30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	583.55 149.08
26 27 16 00-0096	EA 36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	614.39 155.37
26 27 16 00-0097	NEMA 1 Enclosures For Up To 6 Boards, Lockable (26 27 16)	
26 27 16 00-0098	4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures (26 27 16 00-0097)	
26 27 16 00-0099	EA 24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12).....	779.44 92.38
26 27 16 00-0100	NEMA 12 Enclosures, Lockable (26 27 16)	
	Note: Dust-tight enclosures.	
26 27 16 00-0101	Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)	
26 27 16 00-0102	4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)	
26 27 16 00-0103	EA 4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	83.79 16.80
26 27 16 00-0104	EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	109.73 23.10
26 27 16 00-0105	EA 8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	136.17 29.39
26 27 16 00-0106	EA 10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	147.26 31.50
26 27 16 00-0107	EA 12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	164.43 33.60
26 27 16 00-0108	EA 12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	176.87 35.69
26 27 16 00-0109	6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)	
26 27 16 00-0110	EA 6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	121.60 25.19
26 27 16 00-0111	EA 8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	133.74 27.30
26 27 16 00-0112	Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)	
26 27 16 00-0113	4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)	
26 27 16 00-0114	EA 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	161.05 16.80
26 27 16 00-0115	EA 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	194.56 23.10
26 27 16 00-0116	EA 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	219.59 25.19
26 27 16 00-0117	EA 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	251.49 29.39
26 27 16 00-0118	EA 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	259.26 31.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0119 EA 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	304.52	33.60
26 27 16 00-0120 EA 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	326.79	35.69
26 27 16 00-0121 EA 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	370.55	37.80
26 27 16 00-0122 6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)		
26 27 16 00-0123 EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	235.52	25.19
26 27 16 00-0124 EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	265.70	27.30
26 27 16 00-0125 EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	290.43	31.50
26 27 16 00-0126 EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	343.76	37.80
26 27 16 00-0127 EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	373.76	41.99
26 27 16 00-0128 EA 16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	517.29	54.60
26 27 16 00-0129 EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	801.34	83.99
26 27 16 00-0130 EA 24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,043.43	96.59
26 27 16 00-0131 EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,174.61	104.99
26 27 16 00-0132 8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)		
26 27 16 00-0133 EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,090.96	107.09
26 27 16 00-0134 EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,253.60	115.48
26 27 16 00-0135 EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,375.60	121.79
26 27 16 00-0136 EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,512.82	125.98
26 27 16 00-0137 EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	1,492.79	125.98
26 27 16 00-0138 Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)		
26 27 16 00-0139 8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0140 EA 60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	4,647.63	170.60
26 27 16 00-0141 10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0142 EA 60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	4,698.85	188.97
26 27 16 00-0143 EA 60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	5,384.61	202.10
26 27 16 00-0144 EA 72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	6,201.75	251.97
26 27 16 00-0145 EA 72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	6,930.84	297.10
26 27 16 00-0146 12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)		
26 27 16 00-0147 EA 60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	5,047.44	297.10
26 27 16 00-0148 EA 60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	5,620.66	314.96
26 27 16 00-0149 EA 72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	6,375.93	335.95
26 27 16 00-0150 EA 72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	7,023.00	335.95
26 27 16 00-0151 NEMA 3 Enclosures, Lockable (26 27 16)		
Note: Can be used underground or encased in concrete.		
26 27 16 00-0152 2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0153 EA 4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	259.41	73.49
26 27 16 00-0154 3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0155 EA 4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	277.20	73.49
26 27 16 00-0156 EA 5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	349.80	76.11
26 27 16 00-0157 EA 6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	361.91	76.11
26 27 16 00-0158 EA 6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	450.49	78.74
26 27 16 00-0159 4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0160 EA 4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	346.53	76.11
26 27 16 00-0161 EA 5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	378.18	76.11
26 27 16 00-0162 EA 6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	394.07	78.74
26 27 16 00-0163 EA 6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	491.31	78.74
26 27 16 00-0164 EA 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	539.45	83.99
26 27 16 00-0165 EA 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	580.39	89.24
26 27 16 00-0166 EA 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	603.51	89.24
26 27 16 00-0167 EA 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	714.17	91.86
26 27 16 00-0168 EA 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	773.51	94.49
26 27 16 00-0169 EA 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,053.06	104.99
26 27 16 00-0170 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0171 EA 6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	518.45	81.36
26 27 16 00-0172 EA 8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	650.75	91.86
26 27 16 00-0173 EA 8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	759.29	94.49
26 27 16 00-0174 EA 10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	872.20	97.11
26 27 16 00-0175 EA 10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	926.74	97.11
26 27 16 00-0176 EA 12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,052.77	104.99
26 27 16 00-0177 EA 12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,216.96	118.11

26	Electrical
26 20	Low-Voltage Electrical Distribution
26 27	Low-Voltage Distribution Equipment

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	UNIT COST	UNIT COST	
DESCRIPTION				
26 27 16 00-0178	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,147.10	112.86
26 27 16 00-0179	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	2,227.95	209.97
26 27 16 00-0180	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	3,835.74	262.46
26 27 16 00-0181		8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	935.89	99.74
26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,402.93	131.23
26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,425.21	131.23
26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,935.39	196.85
26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	2,537.40	209.97
26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	6,399.68	367.45
26 27 16 00-0188		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	3,379.18	262.46
26 27 16 00-0190		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)		
26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	5,176.13	314.96
26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	4,263.85	288.71
26 27 16 00-0193		NEMA 3R Enclosures, Lockable (26 27 16)		
		Note: Rain-tight enclosures.		
26 27 16 00-0194		Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)		
26 27 16 00-0195		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	81.70	21.00
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	90.16	23.10
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	124.44	23.10
26 27 16 00-0199		6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	163.16	31.50
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	182.53	35.69
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	213.35	39.89
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	230.17	41.99
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	299.63	54.60
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	359.10	67.19
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	413.20	83.99
26 27 16 00-0207		8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	619.00	107.09
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	685.14	115.48
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	767.83	121.79
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	806.71	125.98
26 27 16 00-0212		10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	766.46	130.18
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	865.78	146.98
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	958.59	162.73
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,055.82	179.53
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,149.68	195.27
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	506.55	102.88
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	766.46	130.18
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	899.26	134.38
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,128.70	146.98
26 27 16 00-0222		12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	734.03	103.93
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	823.25	116.54
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	911.42	129.13
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,007.74	142.78
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,096.97	155.37
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	548.48	77.69
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	734.03	103.93
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	823.25	116.54
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	968.55	136.48
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,096.97	155.37
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,044.94	153.28
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,096.97	155.37
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,153.80	159.58
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,281.16	167.98
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,387.10	176.37
26 27 16 00-0238		Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)		
26 27 16 00-0239		4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0240	EA		4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	59.11	16.80
26 27 16 00-0241	EA		6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	71.76	21.00
26 27 16 00-0242	EA		6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	79.19	23.10
26 27 16 00-0243	EA		8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	87.63	25.19
26 27 16 00-0244	EA		8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	101.82	29.39
26 27 16 00-0245	EA		10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	110.74	31.50
26 27 16 00-0246	EA		10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	120.36	33.60
26 27 16 00-0247	EA		12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	119.89	33.60
26 27 16 00-0248	EA		12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	130.60	35.69
26 27 16 00-0249	EA		12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	140.21	37.80
26 27 16 00-0250	EA		18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	212.57	58.79
26 27 16 00-0251	EA		18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	282.31	75.59
26 27 16 00-0252			6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0253	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	82.96	25.19
26 27 16 00-0254	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	112.01	31.50
26 27 16 00-0255	EA		10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.89	35.69
26 27 16 00-0256	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	137.16	37.80
26 27 16 00-0257	EA		12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	136.46	37.80
26 27 16 00-0258	EA		12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	147.29	39.89
26 27 16 00-0259	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	158.21	41.99
26 27 16 00-0260	EA		16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	206.38	54.60
26 27 16 00-0261	EA		18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	238.53	65.10
26 27 16 00-0262	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	317.08	83.99
26 27 16 00-0263	EA		24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	332.10	90.29
26 27 16 00-0264	EA		24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	376.83	96.59
26 27 16 00-0265	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	422.87	104.99
26 27 16 00-0266			8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0267	EA		12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	176.74	46.19
26 27 16 00-0268	EA		18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	257.84	71.39
26 27 16 00-0269	EA		18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	350.60	92.38
26 27 16 00-0270	EA		24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	417.05	107.09
26 27 16 00-0271	EA		24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	469.51	115.48
26 27 16 00-0272	EA		30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	518.89	121.79
26 27 16 00-0273			10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0274	EA		18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	387.18	102.88
26 27 16 00-0275	EA		24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	517.61	130.18
26 27 16 00-0276	EA		30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	564.36	134.38
26 27 16 00-0277			12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0278	EA		24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	571.38	142.78
26 27 16 00-0279	EA		30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	777.77	155.37
26 27 16 00-0280	EA		36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	803.41	159.58
26 27 16 00-0281	EA		36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	931.88	167.98
26 27 16 00-0282			NEMA 4 Enclosures, Lockable (26 27 16)		
			Note: Water-tight enclosures.		
26 27 16 00-0283			Hinge Cover, Painted Steel NEMA 4 Enclosures (26 27 16 00-0282)		
26 27 16 00-0284	EA		4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	90.35	14.70
26 27 16 00-0285	EA		6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	105.77	17.85
26 27 16 00-0286	EA		8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	132.43	23.10
26 27 16 00-0287	EA		6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	126.34	23.10
26 27 16 00-0288	EA		10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	169.05	31.50
26 27 16 00-0289	EA		12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	210.17	37.80
26 27 16 00-0290	EA		10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	194.38	35.69
26 27 16 00-0291	EA		12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	226.74	41.99
26 27 16 00-0292	EA		14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	266.45	48.30
26 27 16 00-0293	EA		16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	323.69	60.89
26 27 16 00-0294			Clamp Cover, Painted Steel NEMA 4 Enclosures (26 27 16 00-0282)		
26 27 16 00-0295	EA		4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	83.27	14.70
26 27 16 00-0296	EA		6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	119.28	23.10
26 27 16 00-0297			Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures (26 27 16 00-0282)		
26 27 16 00-0298	EA		6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	105.07	20.16
26 27 16 00-0299	EA		8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	111.76	21.84
26 27 16 00-0300	EA		10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	137.70	28.56
26 27 16 00-0301	EA		12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	160.57	31.50
26 27 16 00-0302	EA		14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	207.24	39.89
26 27 16 00-0303	EA		16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	242.38	47.24
26 27 16 00-0304	EA		18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	344.07	75.59

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment



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TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 16 00-0305		NEMA 4X Enclosures, Lockable <small>(26 27 16)</small>		
		Note: Water-tight enclosures.		
26 27 16 00-0306		Clamp Cover, Aluminum NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	176.22	16.80
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	208.72	23.10
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	265.20	31.50
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	321.83	37.80
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	397.26	48.30
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	470.25	60.89
26 27 16 00-0313		Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
26 27 16 00-0314	EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	227.56	14.70
		<i>For 316L Stainless Steel, Add</i>	51.52	
26 27 16 00-0315	EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	296.66	21.00
		<i>For 316L Stainless Steel, Add</i>	65.93	
26 27 16 00-0316	EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	335.91	23.10
		<i>For 316L Stainless Steel, Add</i>	75.11	
26 27 16 00-0317	EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	384.00	25.19
		<i>For 316L Stainless Steel, Add</i>	86.67	
26 27 16 00-0318	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	471.82	31.50
		<i>For 316L Stainless Steel, Add</i>	106.13	
26 27 16 00-0319	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure.....	662.04	39.89
		<i>For 316L Stainless Steel, Add</i>	151.82	
26 27 16 00-0320	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure.....	824.81	48.30
		<i>For 316L Stainless Steel, Add</i>	190.10	
26 27 16 00-0321	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure.....	995.32	60.89
		<i>For 316L Stainless Steel, Add</i>	227.63	
26 27 16 00-0322		Screw Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	105.36	23.10
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	118.13	25.19
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	135.52	29.39
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	147.04	31.50
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	169.44	35.69
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	160.66	35.69
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	186.17	39.89
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	232.25	48.30
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	299.43	66.14
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	391.83	95.22
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	112.25	23.10
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	126.28	25.19
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	144.29	29.39
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	157.68	31.50
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	180.71	35.69
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	171.32	35.69
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	200.62	39.89
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	239.77	48.30
26 27 16 00-0341	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	315.10	66.14
26 27 16 00-0342	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	408.74	95.22
26 27 16 00-0343		Hinged Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0344	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	124.79	23.10
26 27 16 00-0345	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	133.79	25.19
26 27 16 00-0346	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	152.43	29.39
26 27 16 00-0347	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	164.58	31.50
26 27 16 00-0348	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	193.88	35.69
26 27 16 00-0349	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	180.09	35.69
26 27 16 00-0350	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	218.78	39.89
26 27 16 00-0351	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	260.45	48.30
26 27 16 00-0352	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	323.87	66.14
26 27 16 00-0353	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	423.77	95.22
26 27 16 00-0354	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	129.80	23.10
26 27 16 00-0355	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	143.19	25.19
26 27 16 00-0356	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	161.20	29.39
26 27 16 00-0357	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	173.97	31.50
26 27 16 00-0358	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	206.41	35.69
26 27 16 00-0359	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	190.74	35.69
26 27 16 00-0360	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	231.94	39.89
26 27 16 00-0361	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	266.72	48.30
26 27 16 00-0362	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	344.54	66.14
26 27 16 00-0363	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	445.71	95.22
26 27 16 00-0364		NEMA 7/9 Enclosures, Lockable <small>(26 27 16)</small>		
		Note: Nominal inside dimensions.		
26 27 16 00-0365		4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,103.52	118.11
		<i>For Mounting Pan, Add</i>	45.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 16 00-0367	EA 6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	886.49 85.55	125.98
26 27 16 00-0368	EA 8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	1,711.28 117.96	141.73
26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0370	EA 8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	1,524.97 59.98	141.73
26 27 16 00-0371	EA 8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	1,978.99 117.96	145.67
26 27 16 00-0372	EA 8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,026.70 90.24	157.48
26 27 16 00-0373	EA 10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,079.07 105.58	157.48
26 27 16 00-0374	EA 10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,934.19 138.51	196.85
26 27 16 00-0375	EA 12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,764.34 86.48	177.16
26 27 16 00-0376	EA 12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,862.49 129.40	196.85
26 27 16 00-0377	EA 12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,432.10 174.10	354.33
26 27 16 00-0378	EA 14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	3,509.74 169.51	236.22
26 27 16 00-0379	EA 16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,623.39 155.62	393.70
26 27 16 00-0380	EA 18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,525.07 252.99	393.70
26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0382	EA 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,364.07 90.24	177.16
26 27 16 00-0383	EA 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,380.35 105.58	177.16
26 27 16 00-0384	EA 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,690.31 138.51	177.16
26 27 16 00-0385	EA 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,981.27 86.48	196.85
26 27 16 00-0386	EA 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,348.14 129.40	354.33
26 27 16 00-0387	EA 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,291.52 174.10	433.07
26 27 16 00-0388	EA 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,275.22 261.82	511.80
26 27 16 00-0389	EA 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,773.84 169.51	433.07
26 27 16 00-0390	EA 16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,901.40 155.62	433.07
26 27 16 00-0391	EA 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,266.31 233.27	472.43
26 27 16 00-0392	EA 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,010.62 252.99	433.07
26 27 16 00-0393	EA 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,006.65 369.95	472.43
26 27 16 00-0394	EA 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,952.50 493.19	472.43
26 27 16 00-0395	EA 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	12,324.90 616.39	629.91
26 27 16 00-0396	EA 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,387.09 573.14	511.80
26 27 16 00-0397	EA 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	16,977.94 784.62	787.39
26 27 16 00-0398 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			
26 27 16 00-0399	EA 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,603.35 261.82	511.80
26 27 16 00-0400	EA 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,919.88 233.27	472.43
26 27 16 00-0401	EA 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,627.77 369.95	511.80
26 27 16 00-0402	EA 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	10,878.75 616.39	551.17
26 27 16 00-0403	EA 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,639.40 573.14	551.17
26 27 16 00-0404	EA 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	18,481.16 784.62	787.39
26 27 16 00-0405 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>			

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure <i>For Mounting Pan, Add</i>	5,408.55	433.07	174.10
26 27 16 00-0407		Breaker Enclosures <small>(26 27 16)</small> See CSI section 26 24 16 00-0001 for lighting and power panel boards.			
26 27 16 00-0408		15 To 100 Amperes, F-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>			
26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	334.53	83.99	
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	608.58	83.99	
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,491.96	115.48	
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	2,019.65	125.98	
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,475.95	125.98	
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	526.18	115.48	
26 27 16 00-0415		15 To 250 Amperes, H Or J-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>			
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	532.33	115.48	
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	971.19	115.48	
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	3,294.44	146.98	
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	806.81	146.98	
26 27 16 00-0420		125 To 400 Amperes, L-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>			
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	838.19	230.97	
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,920.40	230.97	
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	5,587.01	293.96	
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,383.55	293.96	
26 27 16 00-0425		300 To 800 Amperes, M-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>			
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	1,640.65	440.94	
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	2,784.45	440.94	
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	10,055.90	566.92	
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	5,467.49	566.92	
26 27 16 00-0430		250 To 1,200 Amperes, P-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>			
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	1,992.25	440.94	
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	3,340.49	440.94	
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	6,859.79	566.92	
26 27 16 00-0434		Legend Plates <small>(26 27 16)</small>			
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters.....	13.94	5.25	
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters.....	20.63	5.25	
26 27 19		Multi-Outlet Assemblies <small>(26 27)</small>			
26 27 19 00-0001		Surface Metal Raceway, Preassembled With Outlets <small>(26 27 19)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).			
26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	24.03 0.77	7.66	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	18.51 0.55	5.46	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	17.58 0.57	5.77	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	19.16 0.55	5.46	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	15.82 0.55	5.56	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	21.29 0.55	5.46	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	18.97 0.55	5.46	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center..... <i>For Concrete Or Masonry Surface, Add</i>	20.36 0.55	5.46	
26 27 23		Indoor Service Poles <small>(26 27)</small>			
26 27 23 00-0001		Communication And Power Poles <small>(26 27 23)</small> Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.			
26 27 23 00-0002		Steel Communication And Power Poles <small>(26 27 23 00-0001)</small>			
26 27 23 00-0003		2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>			
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0003)</small>			
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	242.30	46.51	
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	261.70	46.51	

MINOR	CSI	UOM	DESCRIPTION			TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		
26 27 23 00-0007	EA		2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	284.12						46.51	
26 27 23 00-0008 Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles <i>(26 27 23 00-0003)</i>											
Note: Excludes receptacles, communication jacks and wiring.											
26 27 23 00-0009	EA		Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	49.63						9.59	
26 27 23 00-0010	EA		Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles.....	43.51						9.59	
26 27 23 00-0011	EA		Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	48.79						9.59	
26 27 23 00-0012	EA		Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	37.09						9.59	
26 27 23 00-0013	EA		Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting.....	31.19						9.59	
26 27 23 00-0014 2-3/4" Width, Steel Communication And Power Poles <i>(26 27 23 00-0002)</i>											
26 27 23 00-0015 2-3/4" Width, Steel Communication And Power Poles <i>(26 27 23 00-0014)</i>											
26 27 23 00-0016	EA		2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	308.81						46.51	
26 27 23 00-0017	EA		2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	350.49						46.51	
26 27 23 00-0018	EA		2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	372.98						46.51	
26 27 23 00-0019 Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles <i>(26 27 23 00-0014)</i>											
Note: Excludes receptacles and communication jacks.											
26 27 23 00-0020	EA		Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	34.48						9.59	
26 27 23 00-0021	EA		Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle.....	31.37						9.59	
26 27 23 00-0022	EA		Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	33.60						9.59	
26 27 23 00-0023 3" Width, Steel Communication And Power Poles <i>(26 27 23 00-0002)</i>											
26 27 23 00-0024 3" Width, Steel Communication And Power Poles <i>(26 27 23 00-0023)</i>											
26 27 23 00-0025	EA		3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	397.13						46.51	
26 27 23 00-0026	EA		3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	447.30						46.51	
26 27 23 00-0027	EA		3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	480.37						46.51	
26 27 23 00-0028 Additional Cover Plates For 3" Width, Steel Communication And Power Poles <i>(26 27 23 00-0023)</i>											
Note: Excludes receptacles and communication jacks.											
26 27 23 00-0029	EA		Add-On 3" Width Steel Cover Plate For One Single Receptacle	34.48						9.59	
26 27 23 00-0030	EA		Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	31.37						9.59	
26 27 23 00-0031	EA		Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices.....	33.60						9.59	
26 27 23 00-0032 Aluminum Communication And Power Poles <i>(26 27 23 00-0001)</i>											
26 27 23 00-0033 2-1/8" Width, Aluminum Communication And Power Poles <i>(26 27 23 00-0032)</i>											
26 27 23 00-0034 2-1/8" Width, Aluminum Communication And Power Poles <i>(26 27 23 00-0033)</i>											
26 27 23 00-0035	EA		2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	321.86						46.51	
26 27 23 00-0036	EA		2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	356.93						46.51	
26 27 23 00-0037	EA		2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	396.26						46.51	
26 27 23 00-0038 Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles <i>(26 27 23 00-0033)</i>											
26 27 23 00-0039	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	50.83						9.59	
26 27 23 00-0040	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles.....	51.82						9.59	
26 27 23 00-0041	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	55.12						9.59	
26 27 23 00-0042	EA		Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices.....	38.94						9.59	
26 27 23 00-0043	EA		Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting.....	31.19						9.59	
26 27 23 00-0044 2-1/4" Width, Aluminum Communication And Power Poles <i>(26 27 23 00-0032)</i>											
26 27 23 00-0045	EA		2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	310.90						46.51	
26 27 23 00-0046	EA		2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	346.88						46.51	
26 27 23 00-0047	EA		2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	389.26						46.51	
26 27 23 00-0048 5" Width, Aluminum Communication And Power Poles <i>(26 27 23 00-0032)</i>											
26 27 23 00-0049	EA		5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	631.35						46.51	
26 27 23 00-0050	EA		5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	719.58						46.51	
26 27 23 00-0051	EA		5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	818.40						46.51	
26 27 23 00-0052 2" Diameter, Round Aluminum Communication And Power Pole <i>(26 27 23 00-0032)</i>											
26 27 23 00-0053	EA		2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	351.11						46.51	
26 27 23 00-0054	EA		2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	333.33						46.51	
26 27 23 00-0055	EA		2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	422.07						46.51	

26 27 26
Wiring Devices *(26 27)*

Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

		device, cover plate, mounting and appropriate box.			
MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0001			Receptacles ^(26 27 26)		
26 27 26 00-0002			Television Receptacle ^(26 27 26 00-0001)		
26 27 26 00-0003	EA		TV Receptacle With Cover (Type F), Complete	64.42	24.35
26 27 26 00-0004			General Use Receptacles ^(26 27 26 00-0001)		
26 27 26 00-0005			Receptacle Assemblies ^(26 27 26 00-0004)		
Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.					
26 27 26 00-0006	EA		15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	84.62	37.27
26 27 26 00-0007	EA		20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	90.66	39.89
26 27 26 00-0008	EA		15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	108.80	47.76
26 27 26 00-0009	EA		20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	120.88	53.01
26 27 26 00-0010	EA		15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	95.34	37.27
26 27 26 00-0011	EA		20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	101.95	39.89
26 27 26 00-0012			Receptacle Components ^(26 27 26 00-0004)		
26 27 26 00-0013	EA		15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	23.93	10.50
26 27 26 00-0014	EA		15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	23.30	10.50
26 27 26 00-0015	EA		15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	26.98	10.50
26 27 26 00-0016	EA		15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	29.12	10.50
26 27 26 00-0017	EA		15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	37.08	13.12
26 27 26 00-0018	EA		15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	44.08	13.12
26 27 26 00-0019	EA		20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	24.75	10.50
26 27 26 00-0020	EA		20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	24.09	10.50
26 27 26 00-0021	EA		20 Amperes, 120/277 Volt, Single Receptacle	33.70	10.50
26 27 26 00-0022	EA		20 Amperes, 120/277 Volt, Duplex Receptacle	28.45	10.50
26 27 26 00-0023	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	37.08	13.12
26 27 26 00-0024	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	44.08	13.12
26 27 26 00-0025	EA		20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	66.54	13.12
26 27 26 00-0026	EA		20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	66.54	13.12
26 27 26 00-0027	EA		25 Amperes, 120/277 Volt, Duplex Receptacle	57.38	15.75
26 27 26 00-0028			Specialty Receptacles ^(26 27 26 00-0001)		
26 27 26 00-0029			Specialty Receptacles ^(26 27 26 00-0028)		
26 27 26 00-0030	EA		30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	52.63	18.37
26 27 26 00-0031	EA		30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	52.63	18.37
26 27 26 00-0032	EA		30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	60.82	18.37
26 27 26 00-0033	EA		30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	77.03	18.37
26 27 26 00-0034	EA		30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	82.28	21.00
26 27 26 00-0035	EA		50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	76.46	21.00
26 27 26 00-0036	EA		50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	74.82	21.00
26 27 26 00-0037	EA		50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	66.36	21.00
26 27 26 00-0038	EA		50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	72.82	21.00
26 27 26 00-0039	EA		50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	91.24	21.00
26 27 26 00-0040	EA		50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	96.49	23.62
26 27 26 00-0041	EA		60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	106.22	26.25
26 27 26 00-0042	EA		60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	116.72	31.50
26 27 26 00-0043	EA		100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,091.34	246.72
26 27 26 00-0044	EA		400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	2,584.27	301.83
26 27 26 00-0045	EA		30 Amperes, 230 Volt, Dryer Receptacle	62.54	21.00
26 27 26 00-0046	EA		60 Amperes, 230 Volt, Range Receptacle	91.78	31.50
26 27 26 00-0047	EA		15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	56.84	13.12
26 27 26 00-0048	EA		Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,162.55	319.62
26 27 26 00-0049			Isolated Ground Receptacles ^(26 27 26 00-0028)		
26 27 26 00-0050	EA		15 Amp, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	61.28	10.50
26 27 26 00-0051	EA		20 Amp, 120 Volt Isolated Ground Receptacles, Simplex	48.87	13.12
26 27 26 00-0052	EA		20 Amp, 120 Volt Isolated Ground Receptacles, Duplex	48.71	13.12
26 27 26 00-0053	EA		30 Amp, 120 Volt Isolated Ground Receptacles, Simplex	68.49	21.00
26 27 26 00-0054	EA		Locking 15 Amp, 250 Volt Isolated Ground Receptacles	54.26	13.12
26 27 26 00-0055	EA		Locking 15 Amp, 277 Volt Isolated Ground Receptacles	50.07	13.12
26 27 26 00-0056	EA		Locking 20 Amp, 120/208 Volt Isolated Ground Receptacles	68.44	15.75
26 27 26 00-0057	EA		Locking 20 Amp, 277/480 Volt Isolated Ground Receptacles	55.38	15.75
26 27 26 00-0058	EA		Locking 20 Amp, 347/600 Volt Isolated Ground Receptacles	69.99	15.75
26 27 26 00-0059	EA		Locking 30 Amp, 120/208 Volt Isolated Ground Receptacles	84.23	15.75
26 27 26 00-0060	EA		Locking 30 Amp, 277 Volt Isolated Ground Receptacles	84.67	21.00
26 27 26 00-0061			Explosion Proof Receptacles ^(26 27 26 00-0028)		
26 27 26 00-0062	EA		1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	568.85	26.25
26 27 26 00-0063	EA		3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	526.86	28.87
26 27 26 00-0064	EA		3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	878.58	52.49
26 27 26 00-0065	EA		3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,098.76	52.49
26 27 26 00-0066	EA		1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,397.53	78.74
26 27 26 00-0067	EA		1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,333.79	78.74

		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0068 Ground Fault Circuit Interrupter (GFCI) (26 27 26 00-0028)				
26 27 26 00-0069	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle.....	31.39	13.12
26 27 26 00-0070	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle.....	45.88	15.75
26 27 26 00-0071 Arc Fault Circuit Interrupter (AFCI) (26 27 26 00-0028)				
26 27 26 00-0072	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle.....	54.77	13.12
26 27 26 00-0073	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle.....	59.96	13.12
26 27 26 00-0074 Locking Receptacle (26 27 26 00-0028)				
26 27 26 00-0075	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amp, Locking Receptacle	41.39	13.12
26 27 26 00-0076	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amp, Locking Receptacle	49.25	13.12
26 27 26 00-0077	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amp, Locking Receptacle	46.55	15.75
26 27 26 00-0078	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amp, Locking Receptacle	46.20	15.75
26 27 26 00-0079	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amp, Locking Receptacle	53.11	15.75
26 27 26 00-0080	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amp, Locking Receptacle	62.05	15.75
26 27 26 00-0081	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle.....	61.06	15.75
26 27 26 00-0082	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle.....	54.53	15.75
26 27 26 00-0083	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amp, Locking Receptacle	63.84	21.00
26 27 26 00-0084	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amp, Locking Receptacle	64.67	21.00
26 27 26 00-0085	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amp, Locking Receptacle.....	90.44	21.00
26 27 26 00-0086 Hospital Grade Receptacle (26 27 26 00-0028)				
26 27 26 00-0087	EA	15 Amperes, Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle.....	37.29	10.50
26 27 26 00-0088	EA	15 Amperes, Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle.....	40.10	10.50
26 27 26 00-0089	EA	20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle.....	43.08	10.50
26 27 26 00-0090	EA	20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	48.72	10.50
26 27 26 00-0091	EA	20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	43.50	10.50
26 27 26 00-0092	EA	20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground.....	49.34	10.50
26 27 26 00-0093	EA	120 Volt, Transient Voltage, Surge Suppressor Receptacle.....	130.46	31.50
Note: Hospital grade receptacle.				
26 27 26 00-0094 Weathertight Pin And Sleeve Receptacle (26 27 26 00-0028)				
26 27 26 00-0095	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W).....	214.15	52.49
26 27 26 00-0096	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W).....	213.69	52.49
26 27 26 00-0097	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W).....	222.21	52.49
26 27 26 00-0098	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W).....	268.80	57.74
26 27 26 00-0099	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W).....	269.51	57.74
26 27 26 00-0100	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W).....	267.87	57.74
26 27 26 00-0101	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W).....	319.39	64.56
26 27 26 00-0102	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W).....	305.54	64.56
26 27 26 00-0103	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W).....	327.21	64.56
26 27 26 00-0104	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W).....	332.57	70.87
26 27 26 00-0105	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W).....	332.30	70.87
26 27 26 00-0106	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W).....	334.26	70.87
26 27 26 00-0107	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W).....	462.16	83.99
26 27 26 00-0108	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W).....	445.39	83.99
26 27 26 00-0109	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	456.31	83.99
26 27 26 00-0110	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	508.11	93.44
26 27 26 00-0111	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	508.44	93.44
26 27 26 00-0112	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	508.76	93.44
26 27 26 00-0113	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	565.91	104.99
26 27 26 00-0114	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	587.41	104.99
26 27 26 00-0115	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	632.89	115.48
26 27 26 00-0116	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	631.27	115.48
26 27 26 00-0117	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	634.31	115.48
26 27 26 00-0118 Corrosion Resistant Receptacle (26 27 26 00-0028)				
26 27 26 00-0119	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles.....	58.37	10.50
26 27 26 00-0120	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles.....	114.56	13.12
26 27 26 00-0121 Tamper Resistant Receptacle (26 27 26 00-0028)				
26 27 26 00-0122	EA	15 Amp, 125 Volt Duplex Tamper Resistant Receptacle.....	24.37	10.50
Note: Pass & Seymour 3232-TR.				
26 27 26 00-0123	EA	20 Amp, 125 Volt Duplex Tamper Resistant Receptacle.....	26.10	10.50
Note: Pass & Seymour TR20.				
26 27 26 00-0124	EA	15 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle.....	31.08	10.50
Note: Pass & Seymour TR5251.				
26 27 26 00-0125	EA	20 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle.....	33.41	10.50
Note: Pass & Seymour TR5351.				
26 27 26 00-0126	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle.....	47.44	10.50
Note: Pass & Seymour S1595-TR*CC8.				
26 27 26 00-0127	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	50.78	10.50
Note: Pass & Seymour 1595-TRS.				
26 27 26 00-0128	EA	20 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	53.97	10.50
Note: Pass & Seymour 2095-TRS.				

26 Electrical
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0129			USB Charger/Duplex Tamper-Resistant Receptacles (26 27 26 00-0028)		
26 27 26 00-0130	EA		15 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	48.69	10.50
26 27 26 00-0131	EA		20 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	52.15	10.50

26 27 26 00-0132 Switches (26 27 26)

26 27 26 00-0133 Switches (26 27 26 00-0132)

26 27 26 00-0134 Switch Assemblies (26 27 26 00-0133)

Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.

26 27 26 00-0135	EA		1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	87.02	36.74
26 27 26 00-0136	EA		1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	93.71	39.89
26 27 26 00-0137	EA		2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	116.21	48.03
26 27 26 00-0138	EA		2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	127.49	53.28
26 27 26 00-0139	EA		3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	199.14	82.42
26 27 26 00-0140	EA		3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	216.06	90.29
26 27 26 00-0141	EA		4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	228.08	93.17
26 27 26 00-0142	EA		4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	250.63	103.67

26 27 26 00-0143 Switch Components (26 27 26 00-0133)

26 27 26 00-0144	EA		15 Amperes, 120/277 Volt, SPST Switch.....	26.75	10.50
26 27 26 00-0145	EA		15 Amperes, 120/277 Volt, 3-Way Switch.....	33.80	13.12
26 27 26 00-0146	EA		15 Amperes, 120/277 Volt, 4-Way Switch.....	63.90	21.00
26 27 26 00-0147	EA		15 Amperes, 120/277 Volt, DPST Switch	30.09	10.50
26 27 26 00-0148	EA		15 Amperes, 120/277 Volt, Thermal Switch.....	54.81	13.12
26 27 26 00-0149	EA		20 Amperes, 120/277 Volt, SPST Switch.....	32.38	13.12
26 27 26 00-0150	EA		20 Amperes, 120/277 Volt, 3-Way Switch.....	39.89	15.75
26 27 26 00-0151	EA		20 Amperes, 120/277 Volt, 4-Way Switch.....	83.78	21.00
26 27 26 00-0152	EA		20 Amperes, 120/277 Volt, DPST Switch	37.74	13.12
26 27 26 00-0153	EA		20 Amperes, 120/277 Volt, DPDT Switch	40.11	13.12
26 27 26 00-0154	EA		15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	54.51	13.14
26 27 26 00-0155	EA		15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	67.71	13.14
26 27 26 00-0156	EA		Momentary Contact Switch With Separate Neon Pilot.....	53.36	15.77
Note: Neon Pilot is 125 V, 1 / 125W.					
26 27 26 00-0157	EA		20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off.....	48.64	18.37
Note: Or 250 VAC 10 Amp, double throw BAT handle.					
26 27 26 00-0158	EA		20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch.....	59.33	21.00
Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.					
26 27 26 00-0159	EA		20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch.....	83.83	21.00
Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.					
26 27 26 00-0160	EA		30 Amperes, 120/277 Volt, Single Pole, Local Switch	57.05	21.02
26 27 26 00-0161	EA		30 Amperes, 120/277 Volt, Double Pole, Local Switch	68.92	21.02
26 27 26 00-0162	EA		30 Amperes, 120/277 Volt, Three-Way Local Switch.....	73.31	26.28
26 27 26 00-0163	EA		30 Amperes, 120/277 Volt, Four-Way Local Switch.....	100.11	28.91
26 27 26 00-0164	EA		15 Amperes, 120/277 Volt, Local Switch With Neon Pilot.....	53.89	17.18
26 27 26 00-0165	EA		15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot	71.97	17.18
Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.					
26 27 26 00-0166	EA		15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch.....	64.18	17.18
26 27 26 00-0167	EA		15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch.....	61.49	17.18
26 27 26 00-0168	EA		6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	61.97	8.52
26 27 26 00-0169	EA		6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	65.60	8.52
26 27 26 00-0170	EA		15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	74.17	32.80
26 27 26 00-0171	EA		Three Position, Center Off, Key Operated, Momentary Contact Switch.....	87.37	32.80
Note: 15A, 120/277 V, Single Pole					
26 27 26 00-0172	EA		Single Pole, Slide Dimmer (Leviton IP710-LFZ)	98.98	10.51
26 27 26 00-0173	EA		8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	89.75	10.51
26 27 26 00-0174	EA		120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH).....	163.07	10.50
26 27 26 00-0175	EA		120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH).....	44.00	10.50
26 27 26 00-0176	EA		1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV).....	96.12	10.51
26 27 26 00-0177	EA		1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000).....	111.33	10.51
26 27 26 00-0178	EA		2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000).....	144.52	10.51
26 27 26 00-0179	EA		Wireless Single Rocker Remote Switch (Leviton WSS0S-S9).....	101.72	10.51

26 27 26 00-0180 Specialty Switches (26 27 26 00-0132)

26 27 26 00-0181 Dimmers With SPST Switch (26 27 26 00-0180)

26 27 26 00-0182	EA		600 Watt Dimmers With SPST Switch	59.66	23.62
26 27 26 00-0183	EA		1,000 Watt Dimmers With SPST Switch	98.42	23.62
26 27 26 00-0184	EA		1,500 Watt Dimmers With SPST Switch	176.13	38.01
26 27 26 00-0185	EA		2,000 Watt Dimmers With SPST Switch	225.59	38.01
26 27 26 00-0186	EA		600 Watt Fluorescent Dimmer Switch.....	127.31	28.03
26 27 26 00-0187	EA		1,000 Watt Fluorescent Dimmer Switch.....	169.87	28.03
26 27 26 00-0188	EA		1,500 Watt Fluorescent Dimmer Switch.....	305.36	42.30
26 27 26 00-0189	EA		Remote Speed Switch For Paddle Fan.....	97.31	34.96
26 27 26 00-0190	EA		600 Watt Combination Remote Speed Switch/Incandescent Dimmer	159.13	52.18

26 27 26 00-0191 Time Switches (26 27 26 00-0180)

26 27 26 00-0192	EA		40 Amperes, 125 Volt, SPST, Standard Time Switch	107.76	31.50
26 27 26 00-0193	EA		40 Amperes, 277 Volt, SPST, Standard Time Switch	110.00	31.50
26 27 26 00-0194	EA		40 Amperes, 125 Volt, DPST, Standard Time Switch	107.76	31.50
26 27 26 00-0195	EA		40 Amperes, 277 Volt, DPST, Standard Time Switch	110.00	31.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0196	EA		40 Amperes, 125 Volt, SPST, 7-Day Time Switch	122.69	31.50
26 27 26 00-0197	EA		40 Amperes, 277 Volt, SPST, 7-Day Time Switch	122.69	31.50
26 27 26 00-0198	EA		40 Amperes, 125 Volt, DPDT, 7-Day Time Switch.....	210.74	31.50
26 27 26 00-0199	EA		40 Amperes, 277 Volt, DPDT, 7-Day Time Switch.....	210.74	31.50
26 27 26 00-0200	EA		20 Amperes, 125 Volt, SPST, Programmable Time Switch	182.49	31.50
26 27 26 00-0201	EA		20 Amperes, 277 Volt, SPST, Programmable Time Switch	199.74	31.50
26 27 26 00-0202	EA		20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	199.74	31.50
26 27 26 00-0203	EA		40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	240.51	31.50
26 27 26 00-0204	EA		40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	247.38	31.50
26 27 26 00-0205	EA		40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	107.76	31.50
26 27 26 00-0206	EA		40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	110.00	31.50
26 27 26 00-0207	EA		40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	107.76	31.50
26 27 26 00-0208	EA		40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	110.00	31.50
26 27 26 00-0209	EA		40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	122.69	31.50
26 27 26 00-0210	EA		40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	122.69	31.50
26 27 26 00-0211	EA		40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	210.74	31.50
26 27 26 00-0212	EA		40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	210.74	31.50
26 27 26 00-0213	EA		40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch.....	240.51	31.50
26 27 26 00-0214	EA		40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch.....	247.38	31.50
26 27 26 00-0215			Low Voltage Switching (26 27 26 00-0180)		
26 27 26 00-0216	EA		36 Pin Male Or Female Connector	165.75	10.50
26 27 26 00-0217			Other Switches (26 27 26 00-0180)		
26 27 26 00-0218	EA		Pull Chain Switch 120/277 Volt AC Installed In Light Fixture.....	34.27	15.75
26 27 26 00-0219	EA		SPST Locking Switch For Concealed Devices	103.22	41.99
26 27 26 00-0220	EA		3-Way Locking Switch For Concealed Devices	104.44	41.99
26 27 26 00-0221	EA		Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	112.64	39.27
26 27 26 00-0222	EA		15 Amperes Momentary Contact Switch.....	107.76	39.27
26 27 26 00-0223	EA		20 Amperes Momentary Contact Switch.....	112.90	39.27
26 27 26 00-0224	EA		2-1/4" Handy Box Cover Units Fuseholder Switch.....	108.96	47.31
26 27 26 00-0225	EA		2-3/4" Handy Box Cover Units Fuseholder Switch.....	110.39	47.31
26 27 26 00-0226	EA		4" Square Box Cover Units With 2 Fuseholders And 2 Switches.....	135.73	57.82
26 27 26 00-0227	EA		4" Square Box Cover Units With 1 Fuseholder And 1 Switch	123.42	52.56
26 27 26 00-0228	EA		4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	123.78	52.56
26 27 26 00-0229			Hospital Grade Switches (26 27 26 00-0180)		
26 27 26 00-0230	EA		15 Amperes, 120/277 Volt, SPST Hospital Grade Switch.....	26.75	10.50
26 27 26 00-0231	EA		20 Amperes, 120/277 Volt, SPST Hospital Grade Switch.....	32.38	13.12
26 27 26 00-0232			Plates And Covers (26 27 26)		
26 27 26 00-0233			Wall Plates (26 27 26 00-0232)		
26 27 26 00-0234			Nylon Wall Plates (26 27 26 00-0233)		
26 27 26 00-0235	EA		1 Gang Nylon Switch Plate	1.48	0.52
26 27 26 00-0236	EA		2 Gang Nylon Switch Plate.....	2.44	0.79
26 27 26 00-0237	EA		3 Gang Nylon Switch Plate.....	3.44	1.05
26 27 26 00-0238	EA		4 Gang Nylon Switch Plate.....	4.83	1.31
26 27 26 00-0239	EA		1 Gang Duplex Nylon Wall Plate.....	1.49	0.52
26 27 26 00-0240	EA		2 Gang Duplex Nylon Wall Plate.....	2.49	0.79
26 27 26 00-0241			Plastic Wall Plates (26 27 26 00-0233)		
26 27 26 00-0242	EA		1 Gang Plastic Switch Plate.....	1.39	0.52
26 27 26 00-0243	EA		2 Gang Plastic Switch Plate.....	2.26	0.79
26 27 26 00-0244	EA		3 Gang Plastic Switch Plate.....	3.16	1.05
26 27 26 00-0245	EA		4 Gang Plastic Switch Plate.....	4.83	1.31
26 27 26 00-0246	EA		1 Gang Duplex Plastic Wall Plate	1.39	0.52
26 27 26 00-0247	EA		2 Gang Duplex Plastic Wall Plate	2.27	0.79
26 27 26 00-0248			Thermoplastic Wall Plates (Hospital Grade) (26 27 26 00-0233)		
26 27 26 00-0249	EA		1 Gang Thermoplastic Hospital Grade Switch Plate	5.59	0.52
26 27 26 00-0250	EA		2 Gang Thermoplastic Hospital Grade Switch Plate	6.85	0.79
26 27 26 00-0251	EA		3 Gang Thermoplastic Hospital Grade Switch Plate	10.65	1.05
26 27 26 00-0252	EA		4 Gang Thermoplastic Hospital Grade Switch Plate	15.44	1.31
26 27 26 00-0253	EA		1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	8.10	0.52
26 27 26 00-0254	EA		2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	12.71	0.79
26 27 26 00-0255			Brass Wall Plates (26 27 26 00-0233)		
26 27 26 00-0256	EA		1 Gang, 0.04" Brass Switch Plate.....	12.87	2.37
26 27 26 00-0257	EA		2 Gang, 0.04" Brass Switch Plate.....	23.14	2.73
26 27 26 00-0258	EA		3 Gang, 0.04" Brass Switch Plate.....	33.30	3.05
26 27 26 00-0259	EA		4 Gang, 0.04" Brass Switch Plate.....	50.97	3.31
26 27 26 00-0260	EA		5 Gang, 0.04" Brass Switch Plate.....	61.78	3.52
26 27 26 00-0261	EA		6 Gang, 0.04" Brass Switch Plate.....	71.28	3.68
26 27 26 00-0262	EA		1 Gang, 0.04" Brass Duplex Receptacle Wall Plate.....	12.87	2.37
26 27 26 00-0263	EA		2 Gang, 0.04" Brass Duplex Receptacle Wall Plate.....	26.85	2.73

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MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 27 26 00-0264	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate.....	38.18		3.05
26 27 26 00-0265		Stainless Steel Wall Plates <small>(26 27 26 00-0233)</small>			
26 27 26 00-0266	EA	1 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	7.52		2.37
26 27 26 00-0267	EA	2 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	11.45		2.73
26 27 26 00-0268	EA	3 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	15.54		3.05
26 27 26 00-0269	EA	4 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	22.12		3.31
26 27 26 00-0270	EA	5 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	25.84		3.52
26 27 26 00-0271	EA	6 Gang, 302 Stainless Steel Switch Plate With Satin Finish.....	30.92		3.68
26 27 26 00-0272	EA	1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish.....	8.11		2.37
26 27 26 00-0273	EA	2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish.....	12.83		2.73
26 27 26 00-0274	EA	3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish.....	20.13		3.05
26 27 26 00-0275	EA	4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish.....	24.12		3.31
26 27 26 00-0276		Chrome Wall Plates <small>(26 27 26 00-0233)</small>			
26 27 26 00-0277	EA	1 Gang, 0.040" Chrome Switch Plate With Chromium Finish.....	24.39		2.37
26 27 26 00-0278	EA	2 Gang 0.040" Chrome Switch Plate With Chromium Finish.....	44.72		2.73
26 27 26 00-0279	EA	3 Gang 0.040" Chrome Switch Plate With Chromium Finish.....	65.00		3.05
26 27 26 00-0280	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish.....	24.37		2.37
26 27 26 00-0281		Weatherproof Covers <small>(26 27 26 00-0232)</small>			
26 27 26 00-0282		Stamped Metallic Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0283	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC).....	9.55		0.52
26 27 26 00-0284	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC).....	10.34		0.52
26 27 26 00-0285	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC).....	10.34		0.52
26 27 26 00-0286	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC).....	10.34		0.52
26 27 26 00-0287	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC).....	12.70		0.79
26 27 26 00-0288	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC).....	14.40		0.79
26 27 26 00-0289	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC).....	14.57		0.79
26 27 26 00-0290	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC).....	14.57		0.79
26 27 26 00-0291	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC).....	19.75		0.79
26 27 26 00-0292	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB).....	18.79		1.05
26 27 26 00-0293	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT).....	20.53		1.05
26 27 26 00-0294		Cast Metallic Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0295	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC).....	11.67		0.52
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA).....	37.01		0.52
26 27 26 00-0297	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR).....	41.49		0.52
26 27 26 00-0298	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG).....	11.58		0.52
26 27 26 00-0299	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT).....	31.39		0.52
26 27 26 00-0300	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT).....	52.14		0.52
26 27 26 00-0301	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST).....	66.35		0.52
26 27 26 00-0302	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC).....	14.57		0.79
26 27 26 00-0303	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST).....	104.80		0.79
26 27 26 00-0304	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC).....	24.35		1.05
26 27 26 00-0305	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST).....	100.19		1.05
26 27 26 00-0306		Die Cast Aluminum Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0307	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027).....	3.99		0.52
26 27 26 00-0308	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026).....	5.07		0.52
26 27 26 00-0309	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032).....	6.83		0.79
26 27 26 00-0310	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041).....	7.39		0.79
26 27 26 00-0311	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042).....	7.39		0.79
26 27 26 00-0312	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043).....	8.20		0.79
26 27 26 00-0313		Heavy Duty Die Cast Aluminum Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes baked on lacquer finish and neoprene gasket.					
26 27 26 00-0314	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510).....	39.06		0.52
26 27 26 00-0315		Polycarbonate Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes neoprene gasket.					
26 27 26 00-0316	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	8.02		0.52
26 27 26 00-0317	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	8.02		0.52
26 27 26 00-0318	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	8.02		0.52
26 27 26 00-0319	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775).....	9.96		0.79
26 27 26 00-0320	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775).....	9.96		0.79
26 27 26 00-0321		High Impact Thermoplastic Weatherproof Covers <small>(26 27 26 00-0281)</small>			
Note: Includes neoprene gasket.					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 27 26 00-0322	EA		Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	53.37	0.52
26 27 26 00-0323 Non Metallic (PVC) Weatherproof Covers <small>(26 27 26 00-0281)</small>					
Note: Includes neoprene gasket.					
26 27 26 00-0324	EA		Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	8.34	0.52
26 27 26 00-0325	EA		Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	9.08	0.79
26 27 26 00-0326	EA		Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	8.37	0.52
26 27 26 00-0327	EA		Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	18.08	0.52
26 27 26 00-0328	EA		Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	20.92	0.52
26 27 26 00-0329	EA		20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	17.01	0.52
26 27 26 00-0330	EA		30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	12.75	0.52
26 27 26 00-0331	EA		50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	14.87	0.52
26 27 26 00-0332	EA		Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.33	0.52
26 27 26 00-0333	EA		Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	19.21	0.79
26 27 26 00-0334 Removal And Reinstallation Of Wiring Devices <small>(26 27 26)</small>					
Note: Includes storage and cleaning.					
26 27 26 00-0335	EA		Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	69.07	
26 27 26 00-0336	EA		Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	8.75	
26 27 26 00-0337 Relay Systems <small>(26 27 26)</small>					
26 27 26 00-0338	EA		10 Amperes, 24 Volt Coil, 2 Position Relay	71.31	23.62
26 27 26 00-0339	EA		20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	284.65	78.74
26 27 26 00-0340	EA		20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	464.53	104.99
26 27 26 00-0341 Limit Switches <small>(26 27 26)</small>					
26 27 26 00-0342 Heavy Duty Precision Oiltight <small>(26 27 26 00-0341)</small>					
26 27 26 00-0343 Lever Arm, Plunger, Wobble Stick Type <small>(26 27 26 00-0342)</small>					
26 27 26 00-0344	EA		Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	396.08	66.14
26 27 26 00-0345 In Line Midget Fuseholders <small>(26 27 26)</small>					
See CSI section 26 28 13 00-0078 for fuses.					
26 27 26 00-0346	EA		Single Pole Water Resistant In Line Midget Fuseholder	65.81	
26 27 26 00-0347	EA		Double Pole Water Resistant In Line Midget Fuseholder	135.49	
26 27 33 Power Distribution Units <small>(26 27)</small>					
Note: Includes wiring connections and testing.					
26 27 33 00-0001 Liebert Precision Power Center <small>(26 27 33)</small>					
Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.					
26 27 33 00-0002	EA		PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	12,478.80	322.83
26 27 33 00-0003	EA		PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	15,044.16	349.92
26 27 33 00-0004	EA		PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	17,139.06	388.45
26 27 33 00-0005	EA		PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	19,704.03	419.94
26 27 33 00-0006	EA		PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	21,540.22	524.93
26 27 33 00-0007	EA		PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	24,189.53	629.91
26 27 33 00-0008	EA		PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	27,915.01	734.90
26 27 33 00-0009	EA		PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	29,392.47	839.88
26 27 33 00-0010	EA		PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	31,085.17	944.87
26 27 33 00-0011	EA		Ex Panelboard 10-30 KVA	1,152.22	104.99
26 27 33 00-0012	EA		Ex Panelboard 50-125 KVA	1,706.93	131.23
26 27 33 00-0013	EA		Ex Panelboard 150-220 KVA	3,768.29	157.48
26 27 33 00-0014	EA		Removal And Reinstallation Of Power Distribution Unit	1,679.77	
Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.					
26 27 33 00-0015	EA		Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,259.83	
26 27 73 Door Chimes <small>(26 27)</small>					
26 27 73 00-0001 Door Bell Chime And Door Button With Built-In Viewer <small>(26 27 73)</small>					
Note: Non-electric chime, mounted on door					
26 27 73 00-0002	EA		Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	61.67	15.20
26 27 73 00-0003 Wireless Door Bell System <small>(26 27 73)</small>					
26 27 73 00-0004	EA		Wireless Doorbell Chime And Push Button (Broan LA542WH)	98.49	
Note: Includes 2 push buttons					
26 27 73 00-0005	EA		Wireless Doorbell Chime And Push Button (STI-3350G)	93.74	
Note: Includes 2 push buttons					
26 27 73 00-0006	EA		Wireless Doorbell Chime And Push Button (GE 19300)	74.33	
Note: Includes 2 push buttons					
26 27 73 00-0007 Door Chimes <small>(26 27 73)</small>					
26 27 73 00-0008	EA		Door Bell, Push-Button And Transformer, Complete	558.39	218.69
26 27 73 00-0009	EA		Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	218.55	52.49

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	89.80	26.25
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26 28 Low-Voltage Circuit Protective Devices (26 20)

26 28 13 Fuses (26 28)

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses (26 28 13)

26 28 13 00-0002	EA	1 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.23 5.04	7.56
26 28 13 00-0003	EA	2 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.80 5.04	7.56
26 28 13 00-0004	EA	3 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.21 5.04	7.56
26 28 13 00-0005	EA	5 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.12 5.04	7.56
26 28 13 00-0006	EA	6 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.67 5.04	7.56
26 28 13 00-0007	EA	8 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.60 5.04	7.56
26 28 13 00-0008	EA	10 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.35 5.04	7.56
26 28 13 00-0009	EA	15 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.25 5.04	7.56
26 28 13 00-0010	EA	20 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94 5.04	7.56
26 28 13 00-0011	EA	25 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.54 5.04	7.56
26 28 13 00-0012	EA	30 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.12 5.04	7.56

26 28 13 00-0013 Class RK1, Time Delay Fuses (26 28 13)

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses (26 28 13 00-0013)

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.52 5.04	7.56
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.62 5.04	7.56
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.95 5.04	7.56
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77 5.04	7.56
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.45 5.04	7.56
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.66 5.04	7.56
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.57 5.04	7.56
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.41 5.04	7.56
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.58 5.04	7.56
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.37 5.04	7.56
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.28 5.04	7.56
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.65 5.04	7.56
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.12 5.04	7.56
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.74 5.04	7.56
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.16 5.04	7.56

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses (26 28 13 00-0013)

26 28 13 00-0031	EA	70 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.03 6.30	9.45
26 28 13 00-0032	EA	80 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.72 6.30	9.45
26 28 13 00-0033	EA	90 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.12 6.30	9.45
26 28 13 00-0034	EA	100 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.22 6.30	9.45
26 28 13 00-0035	EA	110 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	167.59 6.30	9.45
26 28 13 00-0036	EA	125 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.96 6.30	9.45
26 28 13 00-0037	EA	150 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.81 6.93	10.40
26 28 13 00-0038	EA	200 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.62 6.93	10.40
26 28 13 00-0039	EA	250 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	221.01 6.93	10.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28	13 00-0040	EA	300 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	238.65 8.51	12.81
26 28	13 00-0041	EA	350 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	256.04 8.51	12.81
26 28	13 00-0042	EA	400 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	199.00 8.51	12.81
26 28	13 00-0043	EA	450 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	434.29 8.51	12.81
26 28	13 00-0044	EA	500 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	412.98 10.39	15.65
26 28	13 00-0045	EA	600 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	324.06 10.39	15.65
26 28	13 00-0046		600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses^(26 28) <small>26 13 00-0013)</small>		
26 28	13 00-0047	EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.11 5.04	7.56
26 28	13 00-0048	EA	2 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.10 5.04	7.56
26 28	13 00-0049	EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.57 5.04	7.56
26 28	13 00-0050	EA	4 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.40 5.04	7.56
26 28	13 00-0051	EA	5 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.68 5.04	7.56
26 28	13 00-0052	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.94 5.04	7.56
26 28	13 00-0053	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.19 5.04	7.56
26 28	13 00-0054	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.91 5.04	7.56
26 28	13 00-0055	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.54 5.04	7.56
26 28	13 00-0056	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.09 5.04	7.56
26 28	13 00-0057	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.44 5.04	7.56
26 28	13 00-0058	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.57 5.04	7.56
26 28	13 00-0059	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.53 5.04	7.56
26 28	13 00-0060	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.02 5.04	7.56
26 28	13 00-0061	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.45 5.04	7.56
26 28	13 00-0062		600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses^(26 28) <small>13 00-0013)</small>		
26 28	13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.39 6.30	9.45
26 28	13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.31 6.93	10.40
26 28	13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.76 6.93	10.40
26 28	13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.19 6.93	10.40
26 28	13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	189.96 6.93	10.40
26 28	13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	192.74 6.93	10.40
26 28	13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.64 8.51	12.81
26 28	13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.18 8.51	12.81
26 28	13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	358.12 8.51	12.81
26 28	13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	361.83 10.39	15.65
26 28	13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	406.92 10.39	15.65
26 28	13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	369.49 10.39	15.65
26 28	13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	656.81 10.39	15.65
26 28	13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	587.89 12.60	18.89
26 28	13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	514.09 12.60	18.89
26 28	13 00-0078		600 Volt AC, Class CC Midget Fuses^(26 28 13) Note: 250/300 Volt DC.		
26 28	13 00-0079	EA	1 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.83 5.04	7.56
26 28	13 00-0080	EA	2 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.33 5.04	7.56

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 28 13 00-0081	EA 3 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.19 5.04	7.56
26 28 13 00-0082	EA 5 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.03 5.04	7.56
26 28 13 00-0083	EA 6 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.40 5.04	7.56
26 28 13 00-0084	EA 8 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.61 5.04	7.56
26 28 13 00-0085	EA 10 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.06 5.04	7.56
26 28 13 00-0086	EA 15 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.04 5.04	7.56
26 28 13 00-0087	EA 20 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.42 5.04	7.56
26 28 13 00-0088	EA 25 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.00 5.04	7.56
26 28 13 00-0089	EA 30 Amp, 600 Volt AC, Class CC Midget Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.21 5.04	7.56
26 28 13 00-0090	200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse ^(26 28 13)		
26 28 13 00-0091	EA 1 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	44.85 3.15	5.25
26 28 13 00-0092	EA 3 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.18 3.15	5.25
26 28 13 00-0093	EA 6 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.80 3.78	6.30
26 28 13 00-0094	EA 10 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.31 4.73	7.87
26 28 13 00-0095	EA 15 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.10 4.73	7.87
26 28 13 00-0096	EA 20 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.40 4.73	7.87
26 28 13 00-0097	EA 25 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.68 6.30	10.50
26 28 13 00-0098	EA 30 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.80 6.30	10.50
26 28 13 00-0099	EA 35 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.21 6.30	10.50
26 28 13 00-0100	EA 40 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.08 6.30	10.50
26 28 13 00-0101	EA 45 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.66 6.30	10.50
26 28 13 00-0102	EA 50 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.26 7.88	13.12
26 28 13 00-0103	EA 60 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.16 7.88	13.12
26 28 13 00-0104	EA 70 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.64 9.45	15.75
26 28 13 00-0105	EA 80 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	103.65 9.45	15.75
26 28 13 00-0106	EA 90 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	102.12 9.45	15.75
26 28 13 00-0107	EA 100 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	91.41 11.02	18.37
26 28 13 00-0108	EA 110 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.60 11.02	18.37
26 28 13 00-0109	EA 125 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	174.20 11.02	18.37
26 28 13 00-0110	EA 150 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	167.58 12.60	21.00
26 28 13 00-0111	EA 175 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	169.92 12.60	21.00
26 28 13 00-0112	EA 200 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	142.57 12.60	21.00
26 28 13 00-0113	EA 225 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	347.10 12.60	21.00
26 28 13 00-0114	EA 250 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	321.57 12.60	21.00
26 28 13 00-0115	EA 300 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.01 12.60	21.00
26 28 13 00-0116	EA 350 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	323.15 12.60	21.00
26 28 13 00-0117	EA 400 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	269.44 14.17	23.62
26 28 13 00-0118	EA 450 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	561.11 14.17	23.62
26 28 13 00-0119	EA 500 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	478.88 15.75	26.25
26 28 13 00-0120	EA 600 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	359.05 15.75	26.25
26 28 13 00-0121	600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses ^(26 28 13)		
26 28 13 00-0122	EA 100 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,060.03 7.88	13.12
26 28 13 00-0123	EA 150 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,062.11 7.88	13.12

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0124	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,064.05 7.88	13.12
26 28 13 00-0125	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,061.84 9.45	15.75
26 28 13 00-0126	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	978.51 9.45	15.75
26 28 13 00-0127	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,047.70 11.02	18.37
26 28 13 00-0128	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	964.97 11.02	18.37
26 28 13 00-0129	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,078.27 11.02	18.37
26 28 13 00-0130	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,057.39 11.02	18.37
26 28 13 00-0131	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	942.64 12.60	21.00
26 28 13 00-0132	EA	601 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	967.75 12.60	21.00
26 28 13 00-0133	EA	650 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,283.35 12.60	21.00
26 28 13 00-0134	EA	700 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	938.09 12.60	21.00
26 28 13 00-0135	EA	750 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,436.41 14.17	23.62
26 28 13 00-0136	EA	800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	832.13 14.17	23.62
26 28 13 00-0137	EA	900 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,209.96 14.17	23.62
26 28 13 00-0138	EA	1,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	818.32 14.17	23.62
26 28 13 00-0139	EA	1,200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	842.33 14.17	23.62
26 28 13 00-0140	EA	1,350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,858.74 14.17	23.62
26 28 13 00-0141	EA	1,400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,832.78 14.17	23.62
26 28 13 00-0142	EA	1,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,654.70 14.17	23.62
26 28 13 00-0143	EA	1,600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,039.32 15.75	26.25
26 28 13 00-0144	EA	1,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,188.53 15.75	26.25
26 28 13 00-0145	EA	2,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,405.63 15.75	26.25
26 28 13 00-0146	EA	2,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,895.74 15.75	26.25
26 28 13 00-0147	EA	2,501 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,220.56 15.75	26.25
26 28 13 00-0148	EA	3,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,113.16 17.32	28.87
26 28 13 00-0149	EA	3,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,355.04 17.32	28.87
26 28 13 00-0150	EA	3,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,051.10 17.32	28.87
26 28 13 00-0151	EA	4,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,926.66 17.32	28.87
26 28 13 00-0152	EA	5,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,610.62 17.32	28.87
26 28 13 00-0153	EA	6,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,623.21 17.32	28.87

26 28 16 Enclosed Switches And Circuit Breakers (26 28)

26 28 16 13 Enclosed Circuit Breakers (26 28 16)

26 28 16 13-0001 Branch Circuit Breakers (26 28 16 13)

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.98 12.60	18.89
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i>	49.98 13.60 -10.50	18.89
<i>Note: Also for use with new interiors in panelboards.</i>				
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.93 15.75	23.62
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.54 15.12	23.10
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.79 15.12	23.10
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.46 15.12	23.10

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0009	EA 1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	80.56	23.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.12	
26 28 16 13-0010	EA 2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	81.43	28.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0011	EA 2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	81.43	28.35
	For Bolt-On, Add	21.20	
	For Installation In New Panelboard, Deduct	-15.75	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0012	EA 2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	120.87	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0013	EA 2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	194.13	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0014	EA 2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	227.36	52.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.64	
26 28 16 13-0015	EA 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	188.83	33.60
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.68	
26 28 16 13-0016	EA 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	248.13	33.60
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.68	
26 28 16 13-0017	EA 3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	148.54	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0018	EA 3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	148.54	37.80
	For Bolt-On, Add	33.27	
	For Installation In New Panelboard, Deduct	-21.00	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0019	EA 3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	193.78	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0020	EA 3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	287.29	56.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.79	
26 28 16 13-0021	EA 3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	364.09	66.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	44.09	
26 28 16 13-0022	Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On (26 28		
	16 13-0001)		
	Note: Includes connection of electrical wire.		
26 28 16 13-0023	EA 1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	68.76	18.89
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 28 16 13-0024	EA 1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	68.76	18.89
	For Bolt-On, Add	15.94	
	For Installation In New Panelboard, Deduct	-10.50	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 28 16 13-0025	EA 1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	118.95	23.62
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.75	
26 28 16 13-0026	EA 1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	177.80	23.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.12	
26 28 16 13-0027	EA 2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	130.88	28.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0028	EA 2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	130.88	28.35
	For Bolt-On, Add	27.38	
	For Installation In New Panelboard, Deduct	-15.75	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0029	EA 2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	250.80	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0030	EA 2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	340.05	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0031	EA 2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	492.94	52.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.64	
26 28 16 13-0032	EA 3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	205.91	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0033	EA 3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	205.91	37.80
	For Bolt-On, Add	40.44	
	For Installation In New Panelboard, Deduct	-21.00	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0034	EA 3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	304.37	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0035	EA 3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	428.94	56.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.79	
26 28 16 13-0036	EA 3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	655.84	66.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	44.09	
26 28 16 13-0037	EA 3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	754.74	70.87
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	47.24	
26 28 16 13-0038	EA 3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	810.62	75.59
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.39	
26 28 16 13-0039	EA 3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Ampere Interrupting Capacity	955.70	80.31
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.54	
26 28 16 13-0040	Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On (26 28		
	16 13-0001)		
	Note: Includes connection of electrical wire.		
26 28 16 13-0041	EA 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	81.11	18.89
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	

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

26 28 16 13-0042	EA 35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	81.11	18.89
	For Bolt-On, Add	17.49	
	For Installation In New Panelboard, Deduct	-10.50	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 28 16 13-0043	EA 70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	131.14	23.62
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.75	
26 28 16 13-0044	EA 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	163.06	28.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0045	EA 35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	163.06	28.35
	For Bolt-On, Add	31.41	
	For Installation In New Panelboard, Deduct	-15.75	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0046	EA 70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	281.65	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0047	EA 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	703.74	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0048	EA 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	259.00	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0049	EA 35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	259.00	37.80
	For Bolt-On, Add	47.07	
	For Installation In New Panelboard, Deduct	-21.00	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0050	EA 70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	343.01	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0051	EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	870.51	56.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.79	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

	Note: Includes connection of electrical wire.		
26 28 16 13-0053	EA 15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	91.59	18.89
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 28 16 13-0054	EA 35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	91.59	18.89
	For Bolt-On, Add	18.80	
	For Installation In New Panelboard, Deduct	-10.50	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 28 16 13-0055	EA 70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	108.46	23.62
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.75	
26 28 16 13-0056	EA 15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	176.40	23.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.12	
26 28 16 13-0057	EA 15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	190.40	28.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0058	EA 35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	190.40	28.35
	For Bolt-On, Add	34.82	
	For Installation In New Panelboard, Deduct	-15.75	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	
26 28 16 13-0059	EA 70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	232.11	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0060	EA 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	332.06	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0061	EA 150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	426.28	52.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.64	
26 28 16 13-0062	EA 250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	531.01	61.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.94	
26 28 16 13-0063	EA 300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	574.53	70.87
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	47.24	
26 28 16 13-0064	EA 15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	232.56	37.80
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0065	EA 35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	232.56	37.80
	For Bolt-On, Add	43.77	
	For Installation In New Panelboard, Deduct	-21.00	
	Note: Also for use with new interiors in panelboards.		
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.20	
26 28 16 13-0066	EA 70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	273.81	47.24
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.50	
26 28 16 13-0067	EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	410.84	56.69
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.79	
26 28 16 13-0068	EA 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	538.82	73.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.82	
26 28 16 13-0069	EA 250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	663.81	85.04
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.69	
26 28 16 13-0070	EA 300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	705.71	90.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.84	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

	Note: Includes connection of electrical wire.		
26 28 16 13-0072	EA 15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	197.23	28.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.90	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices



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UNIT COST UNIT COST

26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	197.23	28.35
		<i>For Bolt-On, Add</i>	35.68	
		<i>For Installation In New Panelboard, Deduct</i>	-15.75	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	298.15	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	479.66	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	742.38	58.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.37	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	839.69	61.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.94	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	918.75	70.87
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.24	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	282.48	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	282.48	37.80
		<i>For Bolt-On, Add</i>	50.01	
		<i>For Installation In New Panelboard, Deduct</i>	-21.00	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	355.72	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	596.00	56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	867.90	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,024.70	85.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.69	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,107.90	90.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.84	
26 28 16 13-0086		Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-0001)		
		<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	204.02	28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	204.02	28.35
		<i>For Bolt-On, Add</i>	36.53	
		<i>For Installation In New Panelboard, Deduct</i>	-15.75	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	360.84	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	653.46	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	1,029.67	58.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.37	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	1,170.11	61.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.94	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	1,275.31	70.87
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.24	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Ampere Interrupting Capacity	329.49	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	329.49	37.80
		<i>For Bolt-On, Add</i>	55.88	
		<i>For Installation In New Panelboard, Deduct</i>	-21.00	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	437.20	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	794.59	56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,004.42	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,592.01	85.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.69	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,695.28	90.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.84	
26 28 16 13-0101		Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-0001)		
		<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	108.70	18.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	108.70	18.89
		<i>For Bolt-On, Add</i>	20.94	
		<i>For Installation In New Panelboard, Deduct</i>	-10.50	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	185.09	23.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.75	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	231.83	28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	

		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	231.83	28.35
		<i>For Bolt-On, Add</i>	40.00	
		<i>For Installation In New Panelboard, Deduct</i>	-15.75	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	418.37	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	768.37	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,483.57	58.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.37	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	379.66	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	379.66	37.80
		<i>For Bolt-On, Add</i>	62.16	
		<i>For Installation In New Panelboard, Deduct</i>	-21.00	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	506.90	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	946.07	56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,844.51	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82	
26 28 16 13-0115		Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On <small>(26 28</small>		
		<small>16 13-0001)</small>		
		<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	156.91	18.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity.....	156.91	18.89
		<i>For Bolt-On, Add</i>	26.96	
		<i>For Installation In New Panelboard, Deduct</i>	-10.50	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	236.36	23.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.75	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	287.60	28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	287.60	28.35
		<i>For Bolt-On, Add</i>	46.97	
		<i>For Installation In New Panelboard, Deduct</i>	-15.75	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	538.43	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	972.09	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	1,928.03	52.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.64	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	491.42	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	491.42	37.80
		<i>For Bolt-On, Add</i>	76.13	
		<i>For Installation In New Panelboard, Deduct</i>	-21.00	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	679.57	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	1,097.55	56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	2,434.95	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82	
26 28 16 13-0129		Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On <small>(26 28</small>		
		<small>16 13-0001)</small>		
		<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	73.70	18.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	152.35	28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	239.65	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	148.65	18.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	148.65	18.89
		<i>For Bolt-On, Add</i>	25.93	
		<i>For Installation In New Panelboard, Deduct</i>	-10.50	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	296.07	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	333.54	28.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
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26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	333.54	28.35
		<i>For Bolt-On, Add</i>	52.72	
		<i>For Installation In New Panelboard, Deduct</i>	-15.75	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	641.98	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,087.01	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,385.82	58.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.37	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	557.15	37.80
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	557.15	37.80
		<i>For Bolt-On, Add</i>	84.34	
		<i>For Installation In New Panelboard, Deduct</i>	-21.00	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	774.98	47.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.50	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,181.13	56.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.79	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,966.66	73.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.82	

26 28 16 16 Enclosed Switches (26 28 16)

26 28 16 16-0001		Motor And Circuit Disconnects (26 28 16 16) Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.		
26 28 16 16-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0001)		
26 28 16 16-0003		Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0002) Note: Includes fuses and neutral bar.		
26 28 16 16-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0005	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	361.93	104.99
26 28 16 16-0006	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	556.95	126.50
26 28 16 16-0007	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	757.47	148.03
26 28 16 16-0008	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,298.12	233.07
26 28 16 16-0009	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,719.11	362.20
26 28 16 16-0010	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,519.26	535.43
26 28 16 16-0011	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,134.20	629.91
26 28 16 16-0012	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,201.69	734.90
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0014	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	537.51	116.64
26 28 16 16-0015	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	648.45	140.58
26 28 16 16-0016	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,012.97	164.30
26 28 16 16-0017	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,502.83	259.32
26 28 16 16-0018	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,228.74	402.30
26 28 16 16-0019	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,023.07	594.64
26 28 16 16-0020	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,372.48	699.52
26 28 16 16-0021	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,029.41	816.57
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0023	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	519.75	164.83
26 28 16 16-0024	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	758.30	218.90
26 28 16 16-0025	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,005.08	243.04
26 28 16 16-0026	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,588.66	380.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0027	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,248.80	624.66
26 28 16 16-0028	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,240.34	875.06
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0030	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	668.74	182.15
26 28 16 16-0031	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	853.48	243.04
26 28 16 16-0032	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,231.28	273.48
26 28 16 16-0033	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,817.34	416.80
26 28 16 16-0034	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,968.45	672.96
26 28 16 16-0035	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,351.62	972.17
26 28 16 16-0036	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,985.43	1,154.84
26 28 16 16-0037	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,713.21	1,312.32
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0039	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	505.15	164.83
26 28 16 16-0040	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	739.44	218.90
26 28 16 16-0041	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	970.77	243.04
26 28 16 16-0042	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,635.85	380.57
26 28 16 16-0043	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,514.75	624.66
26 28 16 16-0044	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,640.45	875.06
26 28 16 16-0045	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,228.16	1,102.35
26 28 16 16-0046	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,348.66	1,259.83
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0048	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	722.29	182.15
26 28 16 16-0049	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	919.29	243.04
26 28 16 16-0050	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,327.51	273.48
26 28 16 16-0051	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,961.38	416.80
26 28 16 16-0052	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,275.77	672.96
26 28 16 16-0053	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,894.39	972.17
26 28 16 16-0054	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,886.57	1,154.84
26 28 16 16-0055	EA	1,200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,686.63	1,312.32
26 28 16 16-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	352.70	151.92
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	542.54	211.33
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	737.25	243.04
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,156.60	388.87
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,303.84	648.07
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,728.62	883.77
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,281.77	1,049.85
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,939.58	1,225.28

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
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26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0067	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	389.55	167.67
26 28 16 16-0068	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	613.88	237.16
26 28 16 16-0069	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	832.29	270.03
26 28 16 16-0070	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,292.40	422.67
26 28 16 16-0071	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,478.52	694.38
26 28 16 16-0072	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,123.56	972.06
26 28 16 16-0073	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,832.62	1,049.85
26 28 16 16-0074	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,693.95	1,225.28
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0076	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	416.13	136.48
26 28 16 16-0077	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	630.77	190.03
26 28 16 16-0078	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	838.72	218.90
26 28 16 16-0079	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,319.77	350.13
26 28 16 16-0080	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,604.42	583.19
26 28 16 16-0081	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,151.70	795.26
26 28 16 16-0082	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,007.53	944.87
26 28 16 16-0083	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,090.13	1,102.35
26 28 16 16-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0085	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	454.55	150.66
26 28 16 16-0086	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	695.04	213.65
26 28 16 16-0087	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	915.98	243.04
26 28 16 16-0088	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,424.90	380.57
26 28 16 16-0089	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,790.44	624.66
26 28 16 16-0090	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,493.70	875.06
26 28 16 16-0091	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,371.73	944.87
26 28 16 16-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0093	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	481.72	150.87
26 28 16 16-0094	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	741.37	213.44
26 28 16 16-0095	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	991.34	243.04
26 28 16 16-0096	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,540.98	380.36
26 28 16 16-0097	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,952.82	624.87
26 28 16 16-0098	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,974.25	874.85
26 28 16 16-0099	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,920.57	944.87
26 28 16 16-0100	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,319.23	1,102.35
26 28 16 16-0101		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0102	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	677.13	136.69
26 28 16 16-0103	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	826.52	190.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0104 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,242.45	218.69
26 28 16 16-0105 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,871.94	349.92
26 28 16 16-0106 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0107 EA 30 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	734.26	150.66
26 28 16 16-0108 EA 60 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	904.79	213.65
26 28 16 16-0109 EA 100 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,348.56	243.04
26 28 16 16-0110 EA 200 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,016.52	380.57
26 28 16 16-0111 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0112 EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	809.89	150.87
26 28 16 16-0113 EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	988.21	213.44
26 28 16 16-0114 EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,498.58	243.04
26 28 16 16-0115 EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,235.05	380.36
26 28 16 16-0116 General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small> <small>Note: Includes fuses and neutral bar.</small>		
26 28 16 16-0117 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0118 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	257.40	91.34
26 28 16 16-0119 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	345.95	109.92
26 28 16 16-0120 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	518.38	128.51
26 28 16 16-0121 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	947.63	202.73
26 28 16 16-0122 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,197.00	314.44
26 28 16 16-0123 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,067.11	465.40
26 28 16 16-0124 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0125 EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	361.60	143.51
26 28 16 16-0126 EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	506.21	190.24
26 28 16 16-0127 EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	684.02	211.33
26 28 16 16-0128 EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,204.67	330.80
26 28 16 16-0129 EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,656.93	543.40
26 28 16 16-0130 EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,661.77	760.72
26 28 16 16-0131 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0132 EA 30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	396.89	143.51
26 28 16 16-0133 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	563.11	190.24
26 28 16 16-0134 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	735.79	211.33
26 28 16 16-0135 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,335.10	330.80
26 28 16 16-0136 EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,879.88	543.40
26 28 16 16-0137 EA 600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,803.10	760.72
26 28 16 16-0138 General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0139			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>		
26 28 16 16-0140	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	352.48	127.03
26 28 16 16-0141	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	461.37	146.04
26 28 16 16-0142	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,009.29	233.38
26 28 16 16-0143	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,126.63	388.45
26 28 16 16-0144	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,632.92	529.34
26 28 16 16-0145			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>		
26 28 16 16-0146	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	332.61	118.84
26 28 16 16-0147	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	456.59	165.35
26 28 16 16-0148	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	673.69	190.24
26 28 16 16-0149	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,151.74	304.36
26 28 16 16-0150	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,364.94	507.29
26 28 16 16-0151	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,958.72	691.43
26 28 16 16-0152			NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0153			Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
			Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154			240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0155	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	521.09	123.36
26 28 16 16-0156	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	812.56	148.03
26 28 16 16-0157	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,011.21	172.17
26 28 16 16-0158	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,483.72	262.46
26 28 16 16-0159	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,224.16	419.94
26 28 16 16-0160	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,590.97	560.10
26 28 16 16-0161	EA		800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,311.33	629.91
26 28 16 16-0162	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,979.35	734.90
26 28 16 16-0163			600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0164	EA		30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	880.55	164.41
26 28 16 16-0165	EA		60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,050.50	201.58
26 28 16 16-0166	EA		100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,472.46	231.49
26 28 16 16-0167	EA		200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,081.76	347.18
26 28 16 16-0168	EA		400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,466.59	568.07
26 28 16 16-0169	EA		600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,124.43	781.20
26 28 16 16-0170	EA		800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,860.37	899.52
26 28 16 16-0171	EA		1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	13,072.74	1,012.59
26 28 16 16-0172			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0173	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	677.32	194.22
26 28 16 16-0174	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,057.69	257.21
26 28 16 16-0175	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,265.30	282.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0176	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,882.59	437.26
26 28 16 16-0177	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,997.59	729.13
26 28 16 16-0178	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,585.54	972.17
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0180	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,013.81	230.24
26 28 16 16-0181	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,212.18	282.20
26 28 16 16-0182	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,604.63	323.98
26 28 16 16-0183	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,336.20	486.08
26 28 16 16-0184	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,842.23	795.37
26 28 16 16-0185	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,630.20	1,093.63
26 28 16 16-0186	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,118.83	1,259.83
26 28 16 16-0187	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,476.10	1,417.30
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0189	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	737.15	194.22
26 28 16 16-0190	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,059.42	257.21
26 28 16 16-0191	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,349.43	282.41
26 28 16 16-0192	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,938.70	437.26
26 28 16 16-0193	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,049.07	729.13
26 28 16 16-0194	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,151.77	972.17
26 28 16 16-0195	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,760.37	1,102.35
26 28 16 16-0196	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,620.88	1,259.83
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0198	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,048.15	230.45
26 28 16 16-0199	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,250.78	282.41
26 28 16 16-0200	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,690.42	323.88
26 28 16 16-0201	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,391.96	486.08
26 28 16 16-0202	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,043.84	795.26
26 28 16 16-0203	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,861.84	1,093.42
26 28 16 16-0204	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,848.23	1,259.83
26 28 16 16-0205	EA	1,200 Amp, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,437.55	1,417.30
26 28 16 16-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0208	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	491.64	108.03
26 28 16 16-0209	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	793.79	149.60
26 28 16 16-0210	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,035.28	171.54
26 28 16 16-0211	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,394.00	277.79
26 28 16 16-0212	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,051.82	463.41

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 16-0213	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		5,489.37	617.84
26 28 16 16-0214	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		8,745.08	735.21
26 28 16 16-0215	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		11,501.10	840.19
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>			
26 28 16 16-0217	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		552.66	119.05
26 28 16 16-0218	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		898.61	166.61
26 28 16 16-0219	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,167.15	188.13
26 28 16 16-0220	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,541.58	291.65
26 28 16 16-0221	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		3,450.21	486.08
26 28 16 16-0222	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		5,920.34	648.07
26 28 16 16-0223	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		9,321.73	770.17
26 28 16 16-0224	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		12,254.28	874.85
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>			
26 28 16 16-0226	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		599.65	162.00
26 28 16 16-0227	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		943.33	224.36
26 28 16 16-0228	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,206.83	257.31
26 28 16 16-0229	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,671.74	416.69
26 28 16 16-0230	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		3,558.30	695.01
26 28 16 16-0231	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		6,191.61	926.50
26 28 16 16-0232	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		9,574.54	1,102.35
26 28 16 16-0233	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		12,609.59	1,259.83
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>			
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		652.39	178.48
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,029.94	249.97
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,306.07	282.20
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,773.30	437.47
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		3,781.13	729.02
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		6,592.09	972.06
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		10,205.73	1,154.84
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		13,433.56	1,312.32
26 28 16 16-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>			
26 28 16 16-0244	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		379.42	178.48
26 28 16 16-0245	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,065.25	249.97
26 28 16 16-0246	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,355.30	282.20
26 28 16 16-0247	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		1,833.21	437.47
26 28 16 16-0248	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		3,936.25	729.02
26 28 16 16-0249	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		6,568.39	972.06
26 28 16 16-0250	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		10,192.45	1,154.84
26 28 16 16-0251	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch		13,415.49	1,312.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0252			General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small> Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253			240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0254	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	329.40	107.30
26 28 16 16-0255	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	457.16	128.71
26 28 16 16-0256	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	594.78	149.70
26 28 16 16-0257	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,193.34	228.24
26 28 16 16-0258	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,854.62	365.14
26 28 16 16-0259	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,006.10	487.13
26 28 16 16-0260			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0261	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	453.43	169.13
26 28 16 16-0262	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	647.49	223.73
26 28 16 16-0263	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	785.83	245.45
26 28 16 16-0264	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,498.38	380.36
26 28 16 16-0265	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,393.70	633.90
26 28 16 16-0266	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,729.94	845.55
26 28 16 16-0267			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0268	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	502.87	169.03
26 28 16 16-0269	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	697.17	223.73
26 28 16 16-0270	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	945.56	245.45
26 28 16 16-0271	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,601.52	380.36
26 28 16 16-0272	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,459.94	634.01
26 28 16 16-0273	EA		600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,246.70	845.55
26 28 16 16-0274	EA		800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,843.18	957.88
26 28 16 16-0275			General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
26 28 16 16-0276			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>		
26 28 16 16-0277	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	296.26	93.97
26 28 16 16-0278	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	476.95	130.08
26 28 16 16-0279	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	505.50	149.18
26 28 16 16-0280	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,220.32	241.47
26 28 16 16-0281	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,930.62	402.93
26 28 16 16-0282	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,108.57	537.21
26 28 16 16-0283			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>		
26 28 16 16-0284	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	461.66	140.89
26 28 16 16-0285	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	662.00	195.06
26 28 16 16-0286	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	948.60	223.73

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 28 16 16-0287	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,623.36		362.30
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>			
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small> Note: With fuses and neutral bar (stainless steel).			
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0291	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,309.55		104.99
26 28 16 16-0292	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,573.24		126.50
26 28 16 16-0293	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,172.94		147.82
26 28 16 16-0294	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,398.13		233.28
26 28 16 16-0295	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,903.97		361.99
26 28 16 16-0296	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,803.70		535.22
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0298	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,656.35		116.64
26 28 16 16-0299	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,845.51		140.47
26 28 16 16-0300	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,432.03		164.20
26 28 16 16-0301	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,859.52		259.32
26 28 16 16-0302	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,255.68		402.51
26 28 16 16-0303	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,277.12		594.64
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0305	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,487.25		165.04
26 28 16 16-0306	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,868.03		218.69
26 28 16 16-0307	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,505.65		243.04
26 28 16 16-0308	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,995.01		380.36
26 28 16 16-0309	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,700.41		624.87
26 28 16 16-0310	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,837.65		874.85
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0312	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,792.01		182.25
26 28 16 16-0313	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,055.42		243.04
26 28 16 16-0314	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,660.02		273.38
26 28 16 16-0315	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,187.57		416.59
26 28 16 16-0316	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,027.23		672.96
26 28 16 16-0317	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,273.13		972.06
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>			
26 28 16 16-0319	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,767.04		165.04
26 28 16 16-0320	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,217.81		218.69
26 28 16 16-0321	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,205.55		243.04
26 28 16 16-0322	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,952.08		380.36
26 28 16 16-0323	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,584.06		624.87

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0324	EA			600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,426.23	874.85
26 28 16 16-0325				600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0326	EA			30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,122.62	182.25
26 28 16 16-0327	EA			60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,430.33	243.04
26 28 16 16-0328	EA			100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,374.44	273.38
26 28 16 16-0329	EA			200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,152.64	416.59
26 28 16 16-0330	EA			400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,936.29	672.96
26 28 16 16-0331	EA			600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,897.00	972.06
26 28 16 16-0332				Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>		
26 28 16 16-0333				240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0334	EA			30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,257.92	104.99
26 28 16 16-0335	EA			60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,537.32	146.04
26 28 16 16-0336	EA			100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,857.66	167.98
26 28 16 16-0337	EA			200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,976.83	268.34
26 28 16 16-0338	EA			400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,225.93	446.82
26 28 16 16-0339	EA			600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,338.68	608.71
26 28 16 16-0340				600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0341	EA			30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,429.36	115.79
26 28 16 16-0342	EA			60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,750.52	163.78
26 28 16 16-0343	EA			100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,255.23	186.66
26 28 16 16-0344	EA			200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,514.91	291.65
26 28 16 16-0345	EA			400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,196.89	480.00
26 28 16 16-0346	EA			600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,768.25	671.91
26 28 16 16-0347				240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0348	EA			30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,321.35	136.69
26 28 16 16-0349	EA			60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,605.74	190.24
26 28 16 16-0350	EA			100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,682.61	218.69
26 28 16 16-0351	EA			200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,221.60	349.92
26 28 16 16-0352	EA			400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,606.59	583.30
26 28 16 16-0353	EA			600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,012.37	795.37
26 28 16 16-0354				600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0355	EA			30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,499.34	150.87
26 28 16 16-0356	EA			60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,849.82	213.44
26 28 16 16-0357	EA			100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,367.97	243.04
26 28 16 16-0358	EA			200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,692.29	380.36
26 28 16 16-0359	EA			400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,323.19	624.87

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 16-0360	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,517.39		874.85
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>			
26 28 16 16-0362	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,799.69		136.69
26 28 16 16-0363	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,166.80		190.24
26 28 16 16-0364	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,805.44		218.69
26 28 16 16-0365	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,336.16		349.92
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>			
26 28 16 16-0367	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,046.01		150.87
26 28 16 16-0368	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,468.39		213.44
26 28 16 16-0369	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,478.04		243.04
26 28 16 16-0370	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,345.05		380.36
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>			
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>			
26 28 16 16-0373	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,381.69		182.15
26 28 16 16-0374	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,726.70		243.04
26 28 16 16-0375	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,846.12		273.48
26 28 16 16-0376	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,328.31		416.80
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>			
26 28 16 16-0378	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,223.60		150.66
26 28 16 16-0379	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,562.76		213.65
26 28 16 16-0380	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,576.00		243.04
26 28 16 16-0381	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,236.99		380.57
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>			
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>			
26 28 16 16-0384	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,714.59		182.15
26 28 16 16-0385	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,099.20		243.04
26 28 16 16-0386	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,550.57		273.48
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>			
26 28 16 16-0388	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,538.57		150.66
26 28 16 16-0389	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,915.45		213.65
26 28 16 16-0390	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,252.16		243.04
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small> Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.			
26 28 16 16-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small> Note: With fuses and neutral bar.			
26 28 16 16-0393	EA	30 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,169.10		209.97
26 28 16 16-0394	EA	60 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,453.67		249.97

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0395	EA			100 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,722.76	282.20
26 28 16 16-0396	EA			200 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,723.43	437.47
26 28 16 16-0397				Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small>		
26 28 16 16-0398	EA			60 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,714.01	249.97
26 28 16 16-0399	EA			100 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,002.41	282.20
26 28 16 16-0400	EA			200 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,653.86	437.47
26 28 16 16-0401				NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0402				Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
				Note: With fuses and neutral bar.		
26 28 16 16-0403				240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0404	EA			30 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	500.37	104.99
26 28 16 16-0405	EA			60 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	649.87	126.50
26 28 16 16-0406	EA			100 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	878.47	148.03
26 28 16 16-0407	EA			200 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,476.25	233.07
26 28 16 16-0408	EA			400 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,104.78	362.20
26 28 16 16-0409	EA			600 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,565.92	535.43
26 28 16 16-0410				600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0411	EA			30 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	769.51	116.54
26 28 16 16-0412	EA			60 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	800.21	140.68
26 28 16 16-0413	EA			100 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,139.85	164.30
26 28 16 16-0414	EA			200 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,784.14	259.32
26 28 16 16-0415	EA			400 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,837.86	402.09
26 28 16 16-0416	EA			600 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,524.04	594.74
26 28 16 16-0417				240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0418	EA			30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	701.86	164.83
26 28 16 16-0419	EA			60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	968.89	218.90
26 28 16 16-0420	EA			100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,304.02	243.04
26 28 16 16-0421	EA			200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,944.65	380.57
26 28 16 16-0422	EA			400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,776.41	624.66
26 28 16 16-0423	EA			600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,019.68	875.06
26 28 16 16-0424				600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0425	EA			30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	922.19	182.15
26 28 16 16-0426	EA			60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,056.56	243.04
26 28 16 16-0427	EA			100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,529.12	273.48
26 28 16 16-0428	EA			200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,231.64	416.80
26 28 16 16-0429	EA			400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,610.37	672.96
26 28 16 16-0430	EA			600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,575.93	972.17
26 28 16 16-0431				240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0432	EA			30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	746.24	164.83

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 28 16 16-0433	EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	999.39	218.90
26 28 16 16-0434	EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,399.73	243.04
26 28 16 16-0435	EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,064.81	380.57
26 28 16 16-0436	EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,098.15	624.66
26 28 16 16-0437	EA 600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,237.04	875.06
26 28 16 16-0438	600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0439	EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	973.65	182.15
26 28 16 16-0440	EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,193.83	243.04
26 28 16 16-0441	EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,623.50	273.48
26 28 16 16-0442	EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,411.80	416.80
26 28 16 16-0443	EA 400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,902.06	672.96
26 28 16 16-0444	EA 600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	8,816.14	972.17
26 28 16 16-0445	Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
26 28 16 16-0446	240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0447	EA 30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	521.98	151.71
26 28 16 16-0448	EA 60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	694.45	211.54
26 28 16 16-0449	EA 100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	912.42	243.04
26 28 16 16-0450	EA 200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,310.71	388.97
26 28 16 16-0451	EA 400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,835.83	648.29
26 28 16 16-0452	EA 600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,458.35	883.98
26 28 16 16-0453	600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0454	EA 30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	581.44	167.46
26 28 16 16-0455	EA 60 Amp, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase.....	772.28	237.27
26 28 16 16-0456	EA 100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,016.75	269.82
26 28 16 16-0457	EA 200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,424.14	422.57
26 28 16 16-0458	EA 400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,004.95	694.48
26 28 16 16-0459	EA 600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,925.72	972.17
26 28 16 16-0460	240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0461	EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	672.72	136.48
26 28 16 16-0462	EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	888.25	190.03
26 28 16 16-0463	EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,172.11	218.90
26 28 16 16-0464	EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,684.64	350.13
26 28 16 16-0465	EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,501.36	583.19
26 28 16 16-0466	EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,486.97	795.26
26 28 16 16-0467	600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0468	EA 30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	663.73	150.66
26 28 16 16-0469	EA 60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	962.98	213.65
26 28 16 16-0470	EA 100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,258.17	243.04

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 16-0471	EA		200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,674.45	380.57
	26 28 16 16-0472	EA		400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,527.63	624.66
	26 28 16 16-0473	EA		600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,511.25	875.06
26 28 16 16-0474				240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)		
	26 28 16 16-0475	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	799.71	136.48
	26 28 16 16-0476	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	960.47	190.03
	26 28 16 16-0477	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,467.96	218.90
	26 28 16 16-0478	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,328.77	350.13
	26 28 16 16-0479	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,154.95	446.19
26 28 16 16-0480				600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)		
	26 28 16 16-0481	EA		30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	833.60	150.66
	26 28 16 16-0482	EA		60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,048.77	213.65
	26 28 16 16-0483	EA		100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,571.32	243.04
	26 28 16 16-0484	EA		200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,399.39	380.57
	26 28 16 16-0485	EA		400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,455.03	587.92
26 28 16 16-0486				Double Throw Safety Switches (26 28 16 16-0001)		
26 28 16 16-0487				NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0486)		
26 28 16 16-0488				240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)		
	26 28 16 16-0489	EA		30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	629.18	134.91
	26 28 16 16-0490	EA		60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	921.78	176.37
	26 28 16 16-0491	EA		100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,287.31	230.45
	26 28 16 16-0492	EA		200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,714.11	299.73
	26 28 16 16-0493	EA		400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,020.82	374.80
	26 28 16 16-0494	EA		600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,288.16	601.04
	26 28 16 16-0495	EA		800 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	8,410.56	839.88
	26 28 16 16-0496	EA		1,000 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	12,297.79	944.87
	26 28 16 16-0497	EA		1,200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	14,469.33	1,049.85
26 28 16 16-0498				240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)		
	26 28 16 16-0499	EA		30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	800.13	188.97
	26 28 16 16-0500	EA		60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,111.23	246.72
	26 28 16 16-0501	EA		100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,656.45	322.83
	26 28 16 16-0502	EA		200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,414.47	419.94
	26 28 16 16-0503	EA		400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,543.36	524.93
	26 28 16 16-0504	EA		600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,771.27	839.88
	26 28 16 16-0505	EA		800 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	9,084.05	944.87
	26 28 16 16-0506	EA		1,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	12,892.84	1,049.85
	26 28 16 16-0507	EA		1,200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	15,256.03	1,154.84
	26 28 16 16-0508	EA		1,600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	17,680.05	1,364.81
	26 28 16 16-0509	EA		2,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	20,130.00	1,574.78
	26 28 16 16-0510	EA		2,600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	27,292.54	1,784.75
	26 28 16 16-0511	EA		3,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	29,988.69	1,994.72
26 28 16 16-0512				240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)		
	26 28 16 16-0513	EA		30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,058.20	236.22
	26 28 16 16-0514	EA		60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,527.88	308.66
	26 28 16 16-0515	EA		100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,663.71	403.14
	26 28 16 16-0516	EA		200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,639.55	523.88
	26 28 16 16-0517	EA		400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,202.69	656.16
	26 28 16 16-0518	EA		600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	9,186.03	1,051.43
	26 28 16 16-0519	EA		800 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	11,567.90	1,154.84
	26 28 16 16-0520	EA		1,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	15,279.63	1,207.33
	26 28 16 16-0521	EA		1,200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	17,107.55	1,259.83
	26 28 16 16-0522	EA		1,600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	20,858.41	1,469.80
	26 28 16 16-0523	EA		2,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	23,997.08	1,679.77
	26 28 16 16-0524	EA		2,600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	33,923.11	1,889.74
	26 28 16 16-0525	EA		3,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	37,511.17	2,099.71

MINOR	DESCRIPTION
CSI	UOM

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

26 28 16 16-0526 **600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0487)

26 28 16 16-0527	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,055.60	176.37
26 28 16 16-0528	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,575.76	230.45
26 28 16 16-0529	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,309.62	299.73
26 28 16 16-0530	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,337.28	374.80
26 28 16 16-0531	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,904.97	601.04
26 28 16 16-0532	EA	800 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,083.67	839.88
26 28 16 16-0533	EA	1,000 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,338.59	944.87
26 28 16 16-0534	EA	1,200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,706.30	1,049.85

26 28 16 16-0535 **600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0487)

26 28 16 16-0536	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,196.13	246.72
26 28 16 16-0537	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,760.02	322.83
26 28 16 16-0538	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,549.01	419.94
26 28 16 16-0539	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,637.28	524.93
26 28 16 16-0540	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,384.03	839.88
26 28 16 16-0541	EA	800 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,803.48	944.87
26 28 16 16-0542	EA	1,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,406.80	1,049.85
26 28 16 16-0543	EA	1,200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,550.67	1,154.84
26 28 16 16-0544	EA	1,600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,997.37	1,364.81
26 28 16 16-0545	EA	2,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,761.96	1,574.78
26 28 16 16-0546	EA	2,600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	27,292.50	1,784.75
26 28 16 16-0547	EA	3,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,588.62	1,994.72

26 28 16 16-0548 **600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0487)

26 28 16 16-0549	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,611.70	308.66
26 28 16 16-0550	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,784.70	403.14
26 28 16 16-0551	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,890.00	523.88
26 28 16 16-0552	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,736.06	656.16
26 28 16 16-0553	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,782.84	1,051.43
26 28 16 16-0554	EA	800 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,493.72	1,154.84
26 28 16 16-0555	EA	1,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,566.13	1,207.33
26 28 16 16-0556	EA	1,200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,566.33	1,259.83
26 28 16 16-0557	EA	1,600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,650.28	1,469.80
26 28 16 16-0558	EA	2,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,060.83	1,679.77
26 28 16 16-0559	EA	2,600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	36,937.47	1,889.74
26 28 16 16-0560	EA	3,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	40,842.35	2,099.71

26 28 16 16-0561 **NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0486)

26 28 16 16-0562 **240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0561)

26 28 16 16-0563	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,590.61	230.45
26 28 16 16-0564	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,575.75	299.73
26 28 16 16-0565	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,520.22	374.80
26 28 16 16-0566	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	19,827.26	601.04

26 28 16 16-0567 **240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0561)

26 28 16 16-0568	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,091.39	322.31
26 28 16 16-0569	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,344.54	419.42
26 28 16 16-0570	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,921.71	524.93
26 28 16 16-0571	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,041.60	841.46

26 28 16 16-0572 **240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0561)

26 28 16 16-0573	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,992.25	236.32
26 28 16 16-0574	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,475.41	308.44
26 28 16 16-0575	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,461.54	403.04
26 28 16 16-0576	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,987.71	524.09
26 28 16 16-0577	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,394.70	656.16
26 28 16 16-0578	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,882.72	1,051.54

26 28 16 16-0579 **600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** (26 28 16 16-0561)

26 28 16 16-0580	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,343.00	176.37
26 28 16 16-0581	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,032.11	230.45
26 28 16 16-0582	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,661.51	299.73
26 28 16 16-0583	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,981.61	374.80
26 28 16 16-0584	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,361.91	601.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 28 16 16-0585	600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0585)</small>		
26 28 16 16-0586	EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,536.34	246.72
26 28 16 16-0587	EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,299.26	322.31
26 28 16 16-0588	EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,062.03	419.42
26 28 16 16-0589	EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,609.63	524.93
26 28 16 16-0590	EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,269.87	841.46
26 28 16 16-0591	600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0591)</small>		
26 28 16 16-0592	EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,494.80	308.44
26 28 16 16-0593	EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,470.43	403.04
26 28 16 16-0594	EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,111.23	524.09
26 28 16 16-0595	EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,380.12	656.16
26 28 16 16-0596	EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,963.10	1,051.54
26 28 16 16-0597	NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>		
26 28 16 16-0598	240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0599	EA 30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,577.22	135.01
26 28 16 16-0600	EA 60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,793.90	176.27
26 28 16 16-0601	EA 100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,039.62	230.34
26 28 16 16-0602	EA 200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,798.58	299.52
26 28 16 16-0603	EA 400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,170.59	374.90
26 28 16 16-0604	EA 600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,599.20	600.83
26 28 16 16-0605	240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0606	EA 30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,823.18	188.97
26 28 16 16-0607	EA 60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,163.78	246.72
26 28 16 16-0608	EA 100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,577.17	322.31
26 28 16 16-0609	EA 200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,583.60	419.42
26 28 16 16-0610	EA 400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,456.06	524.93
26 28 16 16-0611	EA 600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,577.74	841.46
26 28 16 16-0612	240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0613	EA 30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,709.23	236.32
26 28 16 16-0614	EA 60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,179.89	308.44
26 28 16 16-0615	EA 100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,353.48	403.04
26 28 16 16-0616	EA 200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,907.04	524.09
26 28 16 16-0617	EA 400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,835.29	656.16
26 28 16 16-0618	EA 600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,536.84	1,051.54
26 28 16 16-0619	600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0620	EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,348.87	176.27
26 28 16 16-0621	EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,484.18	230.34
26 28 16 16-0622	EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,666.58	299.52
26 28 16 16-0623	EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,716.06	374.90
26 28 16 16-0624	EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,049.04	600.83
26 28 16 16-0625	600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0626	EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,594.94	246.72
26 28 16 16-0627	EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,775.04	322.31
26 28 16 16-0628	EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,119.84	419.42
26 28 16 16-0629	EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,329.85	524.93
26 28 16 16-0630	EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,940.20	841.46
26 28 16 16-0631	600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0597)</small>		
26 28 16 16-0632	EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,211.51	308.44
26 28 16 16-0633	EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,586.70	403.04
26 28 16 16-0634	EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,044.51	524.09
26 28 16 16-0635	EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,131.17	656.16
26 28 16 16-0636	EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,929.03	1,051.54
26 28 16 16-0637	Removal And Reinstallation Of Disconnect Switches <small>(26 28 16 16-0001)</small>		
	Note: Includes storage and cleaning.		
26 28 16 16-0638	EA Removal And Reinstallation Of Up To 100 Amp Safety Disconnect Switch	524.93	
26 28 16 16-0639	EA Removal And Reinstallation Of >100 To 200 Amp Safety Disconnect Switch	682.44	
26 28 16 16-0640	EA Removal And Reinstallation Of >200 To 300 Amp Safety Disconnect Switch	761.20	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 28 16 16-0641	EA	Removal And Reinstallation Of >300 To 400 Amp Safety Disconnect Switch	892.43	
26 28 16 16-0642 Bolted Contact Switches <i>(26 28 16 16)</i> Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.				
26 28 16 16-0643 Electrical Trip, Bolted Contact Switches <i>(26 28 16 16-0642)</i>				
26 28 16 16-0644 Top Feed, Electrical Trip, Bolted Contact Switches <i>(26 28 16 16-0643)</i>				
26 28 16 16-0645	EA	800 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	6,510.80	1,049.85
26 28 16 16-0646	EA	1,200 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	7,119.99	1,259.83
26 28 16 16-0647	EA	1,600 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	7,805.61	1,469.80
26 28 16 16-0648	EA	2,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	8,316.55	1,679.77
26 28 16 16-0649	EA	2,500 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	9,387.96	1,889.74
26 28 16 16-0650	EA	3,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	11,616.74	2,099.71
26 28 16 16-0651	EA	4,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	15,477.41	2,519.65
26 28 16 16-0652 Bottom Feed, Electrical Trip, Bolted Contact Switches <i>(26 28 16 16-0643)</i>				
26 28 16 16-0653	EA	800 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	6,863.83	1,049.85
26 28 16 16-0654	EA	1,200 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	7,542.17	1,259.83
26 28 16 16-0655	EA	1,600 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	8,224.16	1,469.80
26 28 16 16-0656	EA	2,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	8,917.07	1,679.77
26 28 16 16-0657	EA	2,500 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	10,035.80	1,889.74
26 28 16 16-0658	EA	3,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	12,832.34	2,099.71
26 28 16 16-0659	EA	4,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	16,743.96	2,519.65
26 28 16 16-0660 Manually Operated, Bolted Contact Switches <i>(26 28 16 16-0642)</i>				
26 28 16 16-0661 Top Feed, Manually Operated, Bolted Contact Switches <i>(26 28 16 16-0660)</i>				
26 28 16 16-0662	EA	800 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	4,923.97	1,049.85
26 28 16 16-0663	EA	1,200 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	5,552.09	1,259.83
26 28 16 16-0664	EA	1,600 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	6,210.05	1,469.80
26 28 16 16-0665	EA	2,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	6,863.66	1,679.77
26 28 16 16-0666	EA	2,500 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	7,553.65	1,889.74
26 28 16 16-0667	EA	3,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	9,782.43	2,099.71
26 28 16 16-0668	EA	4,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	13,599.43	2,519.65
26 28 16 16-0669 Bottom Feed, Manually Operated, Bolted Contact Switches <i>(26 28 16 16-0660)</i>				
26 28 16 16-0670	EA	800 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	5,157.63	1,049.85
26 28 16 16-0671	EA	1,200 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	5,905.12	1,259.83
26 28 16 16-0672	EA	1,600 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	6,552.17	1,469.80
26 28 16 16-0673	EA	2,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	7,315.69	1,679.77
26 28 16 16-0674	EA	2,500 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	8,121.42	1,889.74
26 28 16 16-0675	EA	3,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	10,907.04	2,099.71
26 28 16 16-0676	EA	4,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	14,778.63	2,519.65
26 29 Low-Voltage Controllers <i>(26 20)</i> 26 29 13 Enclosed Controllers <i>(26 29)</i> 26 29 13 13 Across-The-Line Motor Controllers <i>(26 29 13)</i> 26 29 13 13-0001 Manual Motor Starters <i>(26 29 13 13)</i> 26 29 13 13-0002 Fractional HP Manual Motor Starters <i>(26 29 13 13-0001)</i>				
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	208.82	52.56
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-2.89	
		<i>For Oversized Enclosure, Add</i>	28.94	
		<i>For Pilot Light, Add</i>	42.44	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	273.65	68.33
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-2.89	
		<i>For Oversized Enclosure, Add</i>	28.94	
		<i>For Pilot Light, Add</i>	42.44	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	237.76	52.56
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-2.89	
		<i>For Oversized Enclosure, Add</i>	28.94	
		<i>For Pilot Light, Add</i>	42.44	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	302.59	68.33
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-2.89	
		<i>For Oversized Enclosure, Add</i>	28.94	
		<i>For Pilot Light, Add</i>	42.44	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	221.36	52.56
		<i>For Oversized Enclosure, Add</i>	28.94	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	290.05	68.33
		<i>For Oversized Enclosure, Add</i>	28.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0009 EA NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1).....	455.57	63.07
For Pilot Light, Add	110.93	
26 29 13 13-0010 EA NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2).....	523.28	78.84
For Pilot Light, Add	110.93	
26 29 13 13-0011 EA NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1).....	484.51	63.07
26 29 13 13-0012 EA NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2).....	549.33	78.84
 26 29 13 13-0013 Non Reversing Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0014 EA NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1).....	166.55	52.56
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0015 EA NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2).....	275.34	68.33
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0016 EA NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5).....	188.23	57.82
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0017 EA NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6).....	297.95	73.59
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0018 EA NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3).....	193.54	52.56
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0019 EA NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4).....	303.27	68.33
Note: NEMA 1 or flush cover plate installation.		
For Oversize Enclosure, Add	13.96	
For Pilot Light, Add	67.02	
26 29 13 13-0020 EA NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1).....	418.41	63.07
For Pilot Light, Add	106.11	
26 29 13 13-0021 EA NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2).....	516.96	78.84
For Pilot Light, Add	106.11	
26 29 13 13-0022 EA NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5).....	441.02	68.33
For Pilot Light, Add	106.11	
26 29 13 13-0023 EA NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6).....	536.78	84.10
For Pilot Light, Add	106.11	
26 29 13 13-0024 EA NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1).....	444.47	63.07
26 29 13 13-0025 EA NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2).....	550.46	78.84
26 29 13 13-0026 EA Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510K01).....	121.99	36.79
For Pilot Light, Add	67.02	
26 29 13 13-0027 EA Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510K02).....	230.77	52.56
For Pilot Light, Add	67.02	
26 29 13 13-0028 EA Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510K05).....	143.67	42.05
For Pilot Light, Add	67.02	
26 29 13 13-0029 EA Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510K06).....	252.45	57.82
For Pilot Light, Add	67.02	
 26 29 13 13-0030 Reversing Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0031 EA NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11).....	456.35	94.61
For Pilot Light, Add	107.97	
26 29 13 13-0032 EA NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22).....	662.76	126.15
For Pilot Light, Add	107.97	
 26 29 13 13-0033 Two Speed Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0034 EA NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11).....	456.35	94.61
26 29 13 13-0035 EA NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22).....	662.76	126.15

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 29 13 13-0036		Non-Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)			
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1).....	422.30		63.07
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1).....	422.30		63.07
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1).....	883.19		73.59
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1).....	883.19		73.59
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1).....	1,157.13		73.59
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1).....	538.82		73.59
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1).....	361.82		47.31
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1).....	502.26		68.33
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1).....	502.26		68.33
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11).....	1,058.64		78.84
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1).....	1,058.64		78.84
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1).....	1,353.81		78.84
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	618.78		78.84
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1).....	441.79		52.56
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2).....	662.29		73.59
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2).....	662.29		73.59
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12).....	1,260.16		84.10
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2).....	1,260.16		84.10
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2).....	1,542.79		84.10
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2).....	781.71		84.10
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2).....	604.70		57.82
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2).....	522.81		78.84
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2).....	522.81		78.84
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12).....	983.70		89.35
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2).....	983.70		89.35
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2).....	1,265.37		89.35
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2).....	640.30		89.35
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2).....	465.24		63.07
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3).....	602.78		84.10
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3).....	602.78		84.10
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13).....	1,159.16		94.61
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3).....	1,159.16		94.61
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3).....	1,461.08		94.61
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3).....	719.30		94.61
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3).....	542.30		68.33
26 29 13 13-0072		Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)			
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1).....	1,232.18		110.38
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1).....	1,232.18		110.38
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1).....	1,087.11		78.84
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1).....	1,458.66		120.89
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1).....	1,313.60		89.35
26 29 13 13-0078		Two Speed Integral HP Manual Motor Starters (26 29 13 13-0001)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0079	EA		NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,232.18	110.38
26 29 13 13-0080	EA		Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,087.11	78.84
26 29 13 13-0081	EA		NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,458.66	120.89
26 29 13 13-0082	EA		Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,313.60	89.35
26 29 13 13-0083	Magnetic Motor Starters <small>(26 29 13 13)</small>				
26 29 13 13-0084	Non Reversing, Magnetic Contactors <small>(26 29 13 13-0083)</small>				
26 29 13 13-0085	Open Enclosure, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>				
26 29 13 13-0086	EA		Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	487.09	105.12
			<i>For Factory Installed Accessory, Deduct</i>	-210.25	
26 29 13 13-0087	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	548.63	115.63
			<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0088	EA		Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	527.61	105.12
			<i>For Factory Installed Accessory, Deduct</i>	-210.25	
26 29 13 13-0089	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	590.11	115.63
			<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0090	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	651.64	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0091	EA		Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	823.72	157.68
			<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0092	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	1,038.23	189.22
			<i>For Factory Installed Accessory, Deduct</i>	-378.44	
26 29 13 13-0093	EA		Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	616.15	115.63
			<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0094	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	677.68	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0095	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	741.16	136.66
			<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0096	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	945.73	183.96
			<i>For Factory Installed Accessory, Deduct</i>	-367.93	
26 29 13 13-0097	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	1,159.28	215.50
			<i>For Factory Installed Accessory, Deduct</i>	-431.00	
26 29 13 13-0098	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	1,050.02	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0099	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	1,166.16	157.68
			<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0100	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	1,519.18	210.25
			<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0101	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	1,579.01	157.68
			<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0102	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,795.06	210.25
			<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0103	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	2,284.10	262.81
			<i>For Factory Installed Accessory, Deduct</i>	-525.61	
26 29 13 13-0104	EA		Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	3,268.95	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0105	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	3,575.71	262.81
			<i>For Factory Installed Accessory, Deduct</i>	-525.61	
26 29 13 13-0106	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	3,928.74	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0107	EA		Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	5,324.51	367.93
			<i>For Factory Installed Accessory, Deduct</i>	-735.86	
26 29 13 13-0108	EA		Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	7,240.25	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0109	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	8,028.30	420.49
			<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0110	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	20,880.69	630.74
			<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0111	EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2) <i>For Factory Installed Accessory, Deduct</i>	29,892.94 -1,892.21	946.10
26 29 13 13-0112	NEMA 1, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0113	EA Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11) <i>For Factory Installed Accessory, Deduct</i>	517.00 -210.25	105.12
26 29 13 13-0114	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12) <i>For Factory Installed Accessory, Deduct</i>	578.53 -231.27	115.63
26 29 13 13-0115	EA Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5) <i>For Factory Installed Accessory, Deduct</i>	557.51 -210.25	105.12
26 29 13 13-0116	EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1) <i>For Factory Installed Accessory, Deduct</i>	620.97 -231.27	115.63
26 29 13 13-0117	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2) <i>For Factory Installed Accessory, Deduct</i>	682.51 -252.29	126.15
26 29 13 13-0118	EA Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3) <i>For Factory Installed Accessory, Deduct</i>	856.52 -315.37	157.68
26 29 13 13-0119	EA Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4) <i>For Factory Installed Accessory, Deduct</i>	1,072.00 -378.44	189.22
26 29 13 13-0120	EA Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5) <i>For Factory Installed Accessory, Deduct</i>	647.98 -231.27	115.63
26 29 13 13-0121	EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1) <i>For Factory Installed Accessory, Deduct</i>	711.44 -252.29	126.15
26 29 13 13-0122	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2) <i>For Factory Installed Accessory, Deduct</i>	772.99 -273.32	136.66
26 29 13 13-0123	EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3) <i>For Factory Installed Accessory, Deduct</i>	978.53 -367.93	183.96
26 29 13 13-0124	EA Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4) <i>For Factory Installed Accessory, Deduct</i>	1,191.11 -431.00	215.50
26 29 13 13-0125	EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1) <i>For Factory Installed Accessory, Deduct</i>	1,192.79 -252.29	126.15
26 29 13 13-0126	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2) <i>For Factory Installed Accessory, Deduct</i>	1,309.88 -315.37	157.68
26 29 13 13-0127	EA Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3) <i>For Factory Installed Accessory, Deduct</i>	1,661.94 -420.49	210.25
26 29 13 13-0128	EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1) <i>For Factory Installed Accessory, Deduct</i>	1,859.71 -315.37	157.68
26 29 13 13-0129	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2) <i>For Factory Installed Accessory, Deduct</i>	2,074.80 -420.49	210.25
26 29 13 13-0130	EA Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3) <i>For Factory Installed Accessory, Deduct</i>	2,564.80 -525.61	262.81
26 29 13 13-0131	EA Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1) <i>For Factory Installed Accessory, Deduct</i>	4,157.37 -525.61	262.81
26 29 13 13-0132	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2) <i>For Factory Installed Accessory, Deduct</i>	4,510.41 -630.74	315.37
26 29 13 13-0133	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2) <i>For Factory Installed Accessory, Deduct</i>	9,088.40 -840.98	420.49
26 29 13 13-0134	EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2) <i>For Factory Installed Accessory, Deduct</i>	25,542.66 -1,261.47	630.74
26 29 13 13-0135	EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2) <i>For Factory Installed Accessory, Deduct</i>	34,568.41 -1,892.21	946.10
26 29 13 13-0136	NEMA 12, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0137	EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1) <i>For Factory Installed Accessory, Deduct</i>	785.92 -231.27	115.63
26 29 13 13-0138	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2) <i>For Factory Installed Accessory, Deduct</i>	847.45 -252.29	126.15
26 29 13 13-0139	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2) <i>For Factory Installed Accessory, Deduct</i>	937.94 -273.32	136.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0140 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	1,493.74	126.15
<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0141 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,611.81	157.68
<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0142 EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1).....	2,216.62	157.68
<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0143 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2).....	2,430.74	210.25
<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0144 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2).....	5,692.05	315.37
<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0145 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2).....	12,112.46	420.49
<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0146 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2).....	29,250.62	630.74
<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	
26 29 13 13-0147 NEMA 4/4X, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
<i>Note: Brushed stainless steel enclosure.</i>		
26 29 13 13-0148 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12).....	1,163.85	126.15
<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0149 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11).....	1,206.29	126.15
<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0150 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12).....	1,267.83	136.66
<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0151 EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13).....	1,473.37	183.96
<i>For Factory Installed Accessory, Deduct</i>	-367.93	
26 29 13 13-0152 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12).....	2,299.57	157.68
<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0153 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12).....	3,475.41	210.25
<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0154 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12).....	6,901.68	315.37
<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0155 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12).....	12,112.46	420.49
<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0156 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2).....	32,410.69	630.74
<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	
26 29 13 13-0157 NEMA 7/9, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
<i>Note: Bolted cast iron enclosure.</i>		
26 29 13 13-0158 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2).....	2,333.13	168.20
<i>For Factory Installed Accessory, Deduct</i>	-336.39	
26 29 13 13-0159 Non Reversing, Magnetic Starters <small>(26 29 13 13-0083)</small>		
26 29 13 13-0160 Open Enclosure, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0161 EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11).....	582.59	105.12
<i>For Factory Installed Accessory, Deduct</i>	-210.25	
26 29 13 13-0162 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12).....	603.61	115.63
<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0163 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1).....	650.88	115.63
<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0164 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2).....	720.13	126.15
<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0165 EA Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4).....	1,158.81	189.22
<i>For Factory Installed Accessory, Deduct</i>	-378.44	
26 29 13 13-0166 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1).....	741.35	126.15
<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0167 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3).....	871.38	136.66
<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0168 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2).....	911.89	136.66
<i>For Factory Installed Accessory, Deduct</i>	-273.32	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	1,137.80	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	1,290.59	157.68
		<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	2,000.52	210.25
		<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	4,245.14	315.37
		<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	9,669.10	420.49
		<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	22,247.55	630.74
		<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	32,045.95	946.10
		<i>For Factory Installed Accessory, Deduct</i>	-1,892.21	
26 29 13 13-0176		NEMA 1, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG1)	614.42	105.12
		<i>For Factory Installed Accessory, Deduct</i>	-210.25	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	635.44	115.63
		<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	682.71	115.63
		<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	751.96	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	772.22	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	842.44	136.66
		<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	944.69	136.66
		<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,281.53	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,434.32	157.68
		<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	2,281.22	210.25
		<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	4,826.80	315.37
		<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	10,732.10	420.49
		<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0189		NEMA 12, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	847.66	115.63
		<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	916.91	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	937.16	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	1,007.39	136.66
		<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	1,109.64	136.66
		<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,583.45	126.15
		<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,735.28	157.68
		<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,637.17	210.25
		<i>For Factory Installed Accessory, Deduct</i>	-420.49	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0198	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1).....	6,007.48	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0199	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1).....	13,753.26	420.49
			<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0200	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2).....	32,830.29	630.74
			<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	
26 29 13 13-0201			NEMA 3R, Non Reversing, Magnetic Starters (26 29 13 13-0199)		
26 29 13 13-0202	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1).....	847.66	115.63
			<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0203	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2).....	916.91	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0204	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1).....	937.16	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0205	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3).....	1,007.39	136.66
			<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0206	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2).....	1,109.64	136.66
			<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0207	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6).....	1,583.45	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0208	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1).....	1,735.28	157.68
			<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0209	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1).....	2,637.17	210.25
			<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0210	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1).....	6,007.48	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0211			NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters (26 29 13 13-0199)		
			Note: Bolted cast aluminum enclosure.		
26 29 13 13-0212	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4).....	2,431.33	178.71
			<i>For Factory Installed Accessory, Deduct</i>	-357.42	
26 29 13 13-0213	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1).....	2,992.74	178.71
			<i>For Factory Installed Accessory, Deduct</i>	-357.42	
26 29 13 13-0214	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3).....	3,083.21	189.22
			<i>For Factory Installed Accessory, Deduct</i>	-378.44	
26 29 13 13-0215	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1).....	4,787.28	210.25
			<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0216	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43).....	5,772.13	262.81
			<i>For Factory Installed Accessory, Deduct</i>	-525.61	
26 29 13 13-0217	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41).....	9,203.22	367.93
			<i>For Factory Installed Accessory, Deduct</i>	-735.86	
26 29 13 13-0218			NEMA 4/4X, Non Reversing, Magnetic Starters (26 29 13 13-0199)		
			Note: Brushed stainless steel enclosure.		
26 29 13 13-0219	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11).....	1,163.08	115.63
			<i>For Factory Installed Accessory, Deduct</i>	-231.27	
26 29 13 13-0220	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12).....	1,233.30	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0221	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11).....	1,267.06	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0222	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13).....	1,337.29	136.66
			<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0223	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12).....	1,439.53	136.66
			<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0224	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16).....	2,269.29	126.15
			<i>For Factory Installed Accessory, Deduct</i>	-252.29	
26 29 13 13-0225	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11).....	3,680.88	210.25
			<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0226	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11).....	7,216.14	315.37
			<i>For Factory Installed Accessory, Deduct</i>	-630.74	

26 Electrical

26 20 Low-Voltage Electrical Distribution

26 29 Low-Voltage Controllers

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0227	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	16,077.01	420.49
	<i>For Factory Installed Accessory, Deduct</i>	-840.98	
26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters (26 29 13 13-0159)			
Note: Glass polyester enclosure.			
26 29 13 13-0229	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	2,424.01	157.68
	<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0230	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	4,496.94	210.25
	<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0231	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21).....	8,863.69	315.37
	<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters (26 29 13 13-0159)			
Note: Bolted cast iron enclosure.			
26 29 13 13-0233	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	2,353.39	168.20
	<i>For Factory Installed Accessory, Deduct</i>	-336.39	
26 29 13 13-0234	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	2,431.33	178.71
	<i>For Factory Installed Accessory, Deduct</i>	-357.42	
26 29 13 13-0235	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1).....	2,466.06	178.71
	<i>For Factory Installed Accessory, Deduct</i>	-357.42	
26 29 13 13-0236	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3).....	2,540.13	189.22
	<i>For Factory Installed Accessory, Deduct</i>	-378.44	
26 29 13 13-0237	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2).....	2,657.82	189.22
	<i>For Factory Installed Accessory, Deduct</i>	-378.44	
26 29 13 13-0238	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	3,915.28	210.25
	<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0239 Reversing, Magnetic Starters (26 29 13 13-0083)			
26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters (26 29 13 13-0239)			
26 29 13 13-0241	EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,105.78	136.66
	<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0242	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,166.55	136.66
	<i>For Factory Installed Accessory, Deduct</i>	-273.32	
26 29 13 13-0243	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,291.75	147.17
	<i>For Factory Installed Accessory, Deduct</i>	-294.34	
26 29 13 13-0244	EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,339.79	157.68
	<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0245	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,373.55	157.68
	<i>For Factory Installed Accessory, Deduct</i>	-315.37	
26 29 13 13-0246	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,469.81	168.20
	<i>For Factory Installed Accessory, Deduct</i>	-336.39	
26 29 13 13-0247	EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,530.29	183.96
	<i>For Factory Installed Accessory, Deduct</i>	-367.93	
26 29 13 13-0248	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,565.01	183.96
	<i>For Factory Installed Accessory, Deduct</i>	-367.93	
26 29 13 13-0249	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,686.36	210.25
	<i>For Factory Installed Accessory, Deduct</i>	-420.49	
26 29 13 13-0250	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1).....	4,394.65	315.37
	<i>For Factory Installed Accessory, Deduct</i>	-630.74	
26 29 13 13-0251	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1).....	10,138.84	473.05
	<i>For Factory Installed Accessory, Deduct</i>	-946.10	
26 29 13 13-0252	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	18,922.53	630.74
	<i>For Factory Installed Accessory, Deduct</i>	-1,261.47	
26 29 13 13-0253	EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1).....	61,395.12	1,156.35
	<i>For Factory Installed Accessory, Deduct</i>	-2,312.70	
26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters (26 29 13 13-0239)			
26 29 13 13-0255	EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,142.63	126.15
	<i>For Factory Installed Accessory, Deduct</i>	-252.29	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0289	EA		30 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8) <i>For Factory Installed Accessory, Deduct</i>	427.78 -26.28	13.14
26 29 13 13-0290	EA		45 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13) <i>For Factory Installed Accessory, Deduct</i>	747.88 -26.28	13.14
26 29 13 13-0291	EA		60 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23) <i>For Factory Installed Accessory, Deduct</i>	747.88 -26.28	13.14
26 29 13 13-0292	EA		Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1) <i>For Factory Installed Accessory, Deduct</i>	44.49 -15.77	7.88
26 29 13 13-0293	EA		1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3) <i>For Factory Installed Accessory, Deduct</i>	91.42 -21.02	10.51
26 29 13 13-0294	EA		2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4) <i>For Factory Installed Accessory, Deduct</i>	120.88 -26.28	13.14
26 29 13 13-0295	EA		Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1) <i>For Factory Installed Accessory, Deduct</i>	94.48 -26.28	13.14
26 29 13 13-0296	EA		Terminal Block, Contactor/Starter Accessory (Square D 9999T7) <i>For Factory Installed Accessory, Deduct</i>	52.41 -15.77	7.88
26 29 13 13-0297	EA		Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1) <i>For Factory Installed Accessory, Deduct</i>	31.51 -15.77	7.88
26 29 13 13-0298	EA		1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39) <i>For Factory Installed Accessory, Deduct</i>	169.52 -21.02	10.51
26 29 13 13-0299	EA		2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40) <i>For Factory Installed Accessory, Deduct</i>	293.58 -26.28	13.14
26 29 13 13-0300 Definite Purpose Starters <small>(26 29 13 13)</small>					
26 29 13 13-0301 Open Enclosure, Definite Purpose Starter <small>(26 29 13 13-0300)</small>					
26 29 13 13-0302	EA		Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13) <i>For Factory Installed Accessory, Deduct</i>	538.78 -252.29	126.15
26 29 13 13-0303	EA		Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22) <i>For Factory Installed Accessory, Deduct</i>	537.81 -252.29	126.15
26 29 13 13-0304	EA		Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23) <i>For Factory Installed Accessory, Deduct</i>	582.00 -273.32	136.66
26 29 13 13-0305	EA		Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32) <i>For Factory Installed Accessory, Deduct</i>	573.51 -252.29	126.15
26 29 13 13-0306	EA		Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33) <i>For Factory Installed Accessory, Deduct</i>	623.47 -273.32	136.66
26 29 13 13-0307	EA		Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42) <i>For Factory Installed Accessory, Deduct</i>	604.37 -252.29	126.15
26 29 13 13-0308	EA		Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43) <i>For Factory Installed Accessory, Deduct</i>	700.25 -315.37	157.68
26 29 13 13-0309	EA		Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52) <i>For Factory Installed Accessory, Deduct</i>	780.31 -315.37	157.68
26 29 13 13-0310	EA		Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53) <i>For Factory Installed Accessory, Deduct</i>	983.35 -367.93	183.96
26 29 13 13-0311 NEMA 1, Definite Purpose Starter <small>(26 29 13 13-0300)</small>					
26 29 13 13-0312	EA		NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12) <i>For Factory Installed Accessory, Deduct</i>	551.52 -231.27	115.63
26 29 13 13-0313	EA		NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13) <i>For Factory Installed Accessory, Deduct</i>	595.69 -252.29	126.15
26 29 13 13-0314	EA		NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22) <i>For Factory Installed Accessory, Deduct</i>	593.76 -252.29	126.15
26 29 13 13-0315	EA		NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23) <i>For Factory Installed Accessory, Deduct</i>	640.84 -273.32	136.66
26 29 13 13-0316	EA		NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32) <i>For Factory Installed Accessory, Deduct</i>	630.42 -252.29	126.15
26 29 13 13-0317	EA		NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33) <i>For Factory Installed Accessory, Deduct</i>	681.35 -273.32	136.66
26 29 13 13-0318	EA		NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42) <i>For Factory Installed Accessory, Deduct</i>	663.21 -252.29	126.15
26 29 13 13-0319	EA		NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) <i>For Factory Installed Accessory, Deduct</i>	758.13 -315.37	157.68
26 29 13 13-0320	EA		NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) <i>For Factory Installed Accessory, Deduct</i>	835.30 -315.37	157.68
26 29 13 13-0321	EA		NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) <i>For Factory Installed Accessory, Deduct</i>	1,039.30 -367.93	183.96

Electrical	26	26
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Controllers	26 29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0322 Definite Purpose Starter Accessory <small>(26 29 13 13-0300)</small>					
26 29 13 13-0323	EA		Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit For Factory Installed Accessory, Deduct	173.68 -26.28	13.14
26 29 13 13-0324 Panel Mounted Miniature Contactor <small>(26 29 13 13)</small>					
26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>					
26 29 13 13-0326	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	160.10	52.56
26 29 13 13-0327	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	187.98	57.82
26 29 13 13-0328	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	187.98	57.82
26 29 13 13-0329	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	209.11	63.07
26 29 13 13-0330	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	177.47	52.56
26 29 13 13-0331	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	187.11	52.56
26 29 13 13-0332	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	204.37	57.82
26 29 13 13-0333	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	214.02	57.82
26 29 13 13-0334	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	210.16	57.82
26 29 13 13-0335	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	214.02	57.82
26 29 13 13-0336	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	228.40	63.07
26 29 13 13-0337	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	219.81	57.82
26 29 13 13-0338	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	238.04	63.07
26 29 13 13-0339	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	221.74	57.82
26 29 13 13-0340	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	221.74	57.82
26 29 13 13-0341	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	247.69	63.07
26 29 13 13-0342	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	247.69	63.07
26 29 13 13-0343 Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>					
26 29 13 13-0344	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	230.52	52.56
26 29 13 13-0345	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	249.81	52.56
26 29 13 13-0346	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	276.72	57.82
26 29 13 13-0347	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	276.72	57.82
26 29 13 13-0348	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	296.01	57.82
26 29 13 13-0349	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	310.39	63.07
26 29 13 13-0350	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	310.39	63.07
26 29 13 13-0351	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	266.21	52.56

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	285.50	52.56
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	310.48	57.82
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	329.77	57.82
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	349.94	63.07
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	369.23	63.07
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	299.87	57.82
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	345.21	57.82
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	390.45	63.07
26 29 13 13-0360		Panel Mounted Miniature Contactor Accessories (26 29 13 13-0324)		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	67.71	26.28
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	75.15	26.28
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	88.64	26.28
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D L2K0301)	115.46	26.28
26 29 13 13-0365		Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole (26 29 13 13)		
26 29 13 13-0366		NEMA 1 Enclosure (26 29 13 13-0365)		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	4,919.72	503.93
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	8,452.15	671.91
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	14,560.55	797.89
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	34,912.13	976.36
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	55,514.66	1,249.33
26 29 13 13-0372		NEMA 12 Enclosure (26 29 13 13-0365)		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	4,887.31	514.64
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	8,392.96	672.96
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	14,452.52	795.37
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	34,637.53	972.06
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	55,073.07	1,249.85
26 29 13 13-0378		Factory Modifications Pilot Devices (26 29 13 13-0365)		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	114.58	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	126.36	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	215.10	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	116.87	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	168.04	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	84.02	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	274.24	
26 29 13 13-0386		Factory Modifications Meters (26 29 13 13-0365)		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,102.36	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,064.73	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	376.42	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	311.90	
26 29 13 13-0391		Factory Modifications Main Circuit Breakers (26 29 13 13-0365)		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker.....	1,456.93	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker.....	2,664.55	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	5,667.76	
26 29 13 13-0395		Factory Modifications Addition (26 29 13 13-0365)		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	244.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 13 13-0397	EA		Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	244.68	
26 29 13 13-0398	EA		Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	244.68	
26 29 13 13-0399	EA		Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	244.68	
26 29 13 13-0400			Combination Starters Non-Reversing (26 29 13 13)		
26 29 13 13-0401			240-600 Volt, 3-Pole (26 29 13 13-0400)		
26 29 13 13-0402			NEMA 1 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0403	EA		Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,588.01	241.47
26 29 13 13-0404	EA		Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,923.28	377.95
26 29 13 13-0405	EA		Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,715.53	440.94
26 29 13 13-0406	EA		Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,157.32	545.92
26 29 13 13-0407	EA		Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,659.22	871.38
26 29 13 13-0408	EA		Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	15,455.22	1,091.85
26 29 13 13-0409			NEMA 1 With Circuit Breaker (26 29 13 13-0401)		
26 29 13 13-0410	EA		Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,023.95	241.47
26 29 13 13-0411	EA		Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,359.22	377.95
26 29 13 13-0412	EA		Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,139.37	440.94
26 29 13 13-0413	EA		Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,387.40	545.92
26 29 13 13-0414	EA		Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,979.16	871.38
26 29 13 13-0415	EA		Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	18,954.87	1,091.85
26 29 13 13-0416			Factory Modifications For NEMA 1 Enclosure (26 29 13 13-0401)		
26 29 13 13-0417	EA		Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	198.52	
26 29 13 13-0418	EA		H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	466.29	
26 29 13 13-0419	EA		Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	321.82	
26 29 13 13-0420			NEMA 4 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0421	EA		Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,912.54	314.96
26 29 13 13-0422	EA		Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,199.91	440.94
26 29 13 13-0423	EA		Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,604.95	482.93
26 29 13 13-0424	EA		Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,354.48	587.92
26 29 13 13-0425	EA		Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	11,655.37	871.38
26 29 13 13-0426	EA		Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	25,651.45	1,091.85
26 29 13 13-0427			NEMA 4 With Circuit Breaker (26 29 13 13-0401)		
26 29 13 13-0428	EA		Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,348.48	314.96
26 29 13 13-0429	EA		Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,635.86	440.94
26 29 13 13-0430	EA		Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,028.79	482.93
26 29 13 13-0431	EA		Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,584.56	587.92
26 29 13 13-0432	EA		Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	12,975.31	871.38
26 29 13 13-0433	EA		Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	24,283.07	1,091.85
26 29 13 13-0434			Factory Modifications For NEMA 4 Enclosure (26 29 13 13-0401)		
26 29 13 13-0435	EA		Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	198.55	
26 29 13 13-0436	EA		H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	466.29	
26 29 13 13-0437	EA		Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	321.82	
26 29 13 13-0438			NEMA 12 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0439	EA		Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,643.11	243.04
26 29 13 13-0440	EA		Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,981.40	380.36
26 29 13 13-0441	EA		Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,807.56	437.47
26 29 13 13-0442	EA		Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,310.50	546.77
26 29 13 13-0443	EA		Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,954.68	874.95
26 29 13 13-0444	EA		Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	16,118.60	1,093.53
26 29 13 13-0445			NEMA 12 With Circuit Breaker (26 29 13 13-0401)		
26 29 13 13-0446	EA		Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,163.65	243.04
26 29 13 13-0447	EA		Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,504.42	380.36
26 29 13 13-0448	EA		Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,345.07	437.47
26 29 13 13-0449	EA		Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,686.60	546.77
26 29 13 13-0450	EA		Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,635.86	874.95
26 29 13 13-0451	EA		Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	20,478.01	1,093.53
26 29 13 13-0452			Factory Modifications For NEMA 12 Enclosure (26 29 13 13-0401)		
26 29 13 13-0453	EA		Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	196.90	
26 29 13 13-0454	EA		H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	462.41	
26 29 13 13-0455	EA		Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	319.14	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 29 13 13-0456		NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,820.92	503.93
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,176.33	671.91
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,632.56	923.87
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	8,366.67	1,259.83
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	12,603.64	1,763.76
26 29 13 13-0462		Factory Modifications For NEMA 7 Or 9 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,180.65	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,180.65	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,180.65	
26 29 13 13-0466		Combination Starters Reversing <small>(26 29 13 13)</small>		
26 29 13 13-0467		240-600 Volt, 3 Pole <small>(26 29 13 13-0466)</small>		
26 29 13 13-0468		NEMA 1 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,961.24	314.96
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,276.01	440.94
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,314.15	482.93
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	5,047.45	587.92
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	9,878.07	871.38
26 29 13 13-0474		NEMA 1 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,191.26	314.96
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,521.54	440.94
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,601.58	482.93
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,651.74	587.92
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	10,655.54	871.38
26 29 13 13-0480		NEMA 12 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,095.00	324.09
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,418.72	437.47
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,552.70	486.08
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	5,442.75	583.30
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	10,705.99	874.95
26 29 13 13-0486		NEMA 12 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,348.44	324.09
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,689.27	437.47
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,869.41	486.08
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,006.73	583.30
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	11,562.64	874.95
26 29 13 13-0492		NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,633.83	671.91
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,978.91	839.88
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,158.78	1,091.85
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	11,389.84	1,427.80
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	20,790.77	1,931.73
26 29 13 13-0498		Solid State Motor Controllers <small>(26 29 13 13)</small>		
26 29 13 13-0499		Adjustable Voltage Drives, DC Motors <small>(26 29 13 13-0498)</small>		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking.....	1,557.95	188.97
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	1,879.81	188.97
26 29 13 13-0502		Removal And Reinstallation Of Motor Starters <small>(26 29 13 13)</small>		
		Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect.....	749.89	
26 29 13 13-0504		Auxiliary Devices <small>(26 29 13 13)</small>		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact.....	460.56	104.99
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact.....	460.56	104.99
26 29 13 13-0507	EA	Pilot Light Kit.....	485.85	104.99
26 29 23		Variable-Frequency Motor Controllers <small>(26 29)</small>		
26 29 23 00-0001		208/230 Volt Variable Frequency Drives <small>(26 29 23)</small>		
		Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive.....	1,887.36	381.64
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive.....	2,124.34	417.10
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive.....	2,467.26	458.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 23 00-0005	EA		2 HP, 208/230 Volt Variable Frequency Drive	2,598.69	440.84
26 29 23 00-0006	EA		3 HP, 208/230 Volt Variable Frequency Drive	2,786.29	480.64
26 29 23 00-0007	EA		5 HP, 208/230 Volt Variable Frequency Drive	3,011.29	480.64
26 29 23 00-0008	EA		7.5 HP, 208/230 Volt Variable Frequency Drive	3,597.78	573.89
26 29 23 00-0009	EA		10 HP, 208/230 Volt Variable Frequency Drive	3,922.78	573.89
26 29 23 00-0010	EA		15 HP, 208/230 Volt Variable Frequency Drive	5,178.21	864.10
26 29 23 00-0011	EA		20 HP, 208/230 Volt Variable Frequency Drive	6,078.21	864.10
26 29 23 00-0012	EA		25 HP, 208/230 Volt Variable Frequency Drive	7,420.65	1,147.87
26 29 23 00-0013	EA		30 HP, 208/230 Volt Variable Frequency Drive	8,545.65	1,147.87
26 29 23 00-0014	EA		40 HP, 208/230 Volt Variable Frequency Drive	9,520.65	1,147.87
26 29 23 00-0015	EA		50 HP, 208/230 Volt Variable Frequency Drive	12,552.01	1,451.06
26 29 23 00-0016	EA		60 HP, 208/230 Volt Variable Frequency Drive	15,133.14	1,716.57
26 29 23 00-0017	EA		75 HP, 208/230 Volt Variable Frequency Drive	17,133.14	1,716.57

26 29 23 00-0018 460/480 Volt Variable Frequency Drives (26 29 23)

Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.

26 29 23 00-0019	EA		3 HP, 480 Volt Variable Frequency Drive	4,473.29	686.65
Note: Wall mounted.					
26 29 23 00-0020	EA		5 HP, 480 Volt Variable Frequency Drive	4,623.29	686.65
Note: Wall mounted.					
26 29 23 00-0021	EA		7.5 HP, 480 Volt Variable Frequency Drive	5,061.21	818.15
Note: Wall mounted.					
26 29 23 00-0022	EA		10 HP, 480 Volt Variable Frequency Drive	5,086.21	818.15
Note: Wall mounted.					
26 29 23 00-0023	EA		15 HP, 480 Volt Variable Frequency Drive	6,830.70	1,240.35
Note: Wall mounted.					
26 29 23 00-0024	EA		20 HP, 480 Volt Variable Frequency Drive	7,180.70	1,240.35
Note: Wall mounted.					
26 29 23 00-0025	EA		25 HP, 480 Volt Variable Frequency Drive	8,647.50	1,636.30
Note: Wall mounted.					
26 29 23 00-0026	EA		30 HP, 480 Volt Variable Frequency Drive	9,897.50	1,636.30
Note: Wall mounted.					
26 29 23 00-0027	EA		40 HP, 480 Volt Variable Frequency Drive	11,197.50	1,636.30
Note: Wall mounted.					
26 29 23 00-0028	EA		50 HP, 480 Volt Variable Frequency Drive	14,656.89	2,078.49
Note: Wall mounted.					
26 29 23 00-0029	EA		60 HP, 480 Volt Variable Frequency Drive	19,529.67	2,464.84
Note: Wall mounted.					
26 29 23 00-0030	EA		75 HP, 480 Volt Variable Frequency Drive	20,729.67	2,464.84
Note: Wall mounted.					
26 29 23 00-0031	EA		100 HP, 480 Volt Variable Frequency Drive	23,993.08	2,746.59
Note: Wall mounted.					
26 29 23 00-0032	EA		125 HP, 480 Volt Variable Frequency Drive	25,293.08	2,746.59
Note: Wall mounted.					
26 29 23 00-0033	EA		150 HP, 480 Volt Variable Frequency Drive	27,993.08	2,746.59
Note: Floor mounted.					
26 29 23 00-0034	EA		200 HP, 480 Volt Variable Frequency Drive	32,329.60	3,314.81
Note: Floor mounted.					
26 29 23 00-0035	EA		250 HP, 480 Volt Variable Frequency Drive	40,409.49	3,462.75
Note: Floor mounted.					
26 29 23 00-0036	EA		300 HP, 480 Volt Variable Frequency Drive	47,386.76	3,973.38
Note: Floor mounted.					
26 29 23 00-0037	EA		350 HP, 480 Volt Variable Frequency Drive	54,497.60	4,309.26
Note: Floor mounted.					
26 29 23 00-0038	EA		400 HP, 480 Volt Variable Frequency Drive	63,139.12	4,653.10
Note: Floor mounted.					
26 29 23 00-0039	EA		450 HP, 480 Volt Variable Frequency Drive	68,050.58	5,045.80
Note: Floor mounted.					

26 29 33 Controllers for Fire Pump Drivers (26 29)

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers (26 29 33)

26 29 33 13-0001 Electric Controllers For Fire Pumps (26 29 33 13)

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller (26 29 33 13-0001)

26 29 33 13-0003	EA		30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	19,694.36	176.78
26 29 33 13-0004	EA		40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	22,297.72	196.43
26 29 33 13-0005	EA		50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,376.63	216.06
26 29 33 13-0006	EA		75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,656.67	235.71
26 29 33 13-0007	EA		150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,161.17	274.99
26 29 33 13-0008	EA		175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	30,003.50	353.56
26 29 33 13-0009	EA		200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,519.11	392.84
26 29 33 13-0010	EA		250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	37,192.08	447.84
26 29 33 13-0011	EA		300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,833.19	483.19
26 29 33 13-0012	EA		350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	52,692.70	549.98
26 29 33 13-0013	EA		400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	62,882.41	589.26
26 29 33 13-0014	EA		500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	70,998.04	628.55

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers (26 29 33)

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating And Storing Equipment

(26)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 31 Photovoltaic Collectors (26 30)

26 31 00 00-0001	Photovoltaic Collectors (26 31)		
Note: All materials are to be installed per manufacturers specifications and must be in compliance with the California Energy Commission Guidelines (CEC-300-2011-005-CMF). See CSI section 26 28 13 00-0078 for fuses.			
26 31 00 00-0002	Rigid Photovoltaic Modules (26 31)		
26 31 00 00-0003	Sanyo Rigid Photovoltaic Modules (26 31 00 00-0002)		
26 31 00 00-0004	EA 205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	1,327.30	99.74
	For >50, Deduct	-112.78	
26 31 00 00-0005	EA 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	1,388.44	99.74
	For >50, Deduct	-118.90	
26 31 00 00-0006	EA 215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	1,303.32	99.74
	For >50, Deduct	-110.39	
26 31 00 00-0007	Sharp Rigid Photovoltaic Modules (26 31 00 00-0002)		
26 31 00 00-0008	EA 224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	1,052.01	99.74
	For >50, Deduct	-85.25	
26 31 00 00-0009	EA 230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	1,188.48	99.74
	For >50, Deduct	-98.90	
26 31 00 00-0010	EA 235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	1,210.09	99.74
	For >50, Deduct	-101.06	
26 31 00 00-0011	EA 240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	1,142.54	99.74
	For >50, Deduct	-94.31	
26 31 00 00-0012	BP Solar Rigid Photovoltaic Modules (26 31 00 00-0002)		
Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.			
26 31 00 00-0013	EA 50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	549.34	99.74
	For >50, Deduct	-34.99	
26 31 00 00-0014	EA 75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	664.18	99.74
	For >50, Deduct	-46.47	
26 31 00 00-0015	EA 80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	710.12	99.74
	For >50, Deduct	-51.07	
26 31 00 00-0016	Photovoltaic Inverters (26 31)		
26 31 00 00-0017	Fronius Photovoltaic Inverters (26 31 00 00-0016)		
26 31 00 00-0018	EA 3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	3,082.53	104.99
26 31 00 00-0019	EA 5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	4,045.80	104.99
26 31 00 00-0020	EA 6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	4,267.11	104.99
26 31 00 00-0021	EA 7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	4,763.64	104.99
26 31 00 00-0022	EA 10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	7,506.20	104.99
26 31 00 00-0023	EA 12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	8,715.14	104.99
26 31 00 00-0024	EA 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	7,172.52	209.97
26 31 00 00-0025	EA 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	9,043.94	209.97
26 31 00 00-0026	EA Inverter Display Stand (Fronius 4,045,894).....	296.44	52.49
26 31 00 00-0027	SMA Photovoltaic Inverters (26 31 00 00-0016)		
26 31 00 00-0028	EA 4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	2,308.28	104.99
26 31 00 00-0029	EA 5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	2,758.03	104.99
26 31 00 00-0030	EA 6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	3,177.18	104.99
26 31 00 00-0031	EA 7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	3,497.16	104.99
26 31 00 00-0032	EA 8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	3,389.38	104.99
26 31 00 00-0033	PVPowered Photovoltaic Inverters (26 31 00 00-0016)		
26 31 00 00-0034	EA 120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	2,838.04	104.99
26 31 00 00-0035	EA 240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	2,965.28	104.99
26 31 00 00-0036	EA 240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	3,269.59	104.99
26 31 00 00-0037	EA 240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	3,880.88	131.23
26 31 00 00-0038	EA 208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	4,730.10	157.48
26 31 00 00-0039	EA 240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	4,768.83	157.48
26 31 00 00-0040	EA 240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	5,026.65	157.48
26 31 00 00-0041	EA 208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	59,300.93	839.88
26 31 00 00-0042	EA 480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	59,378.74	839.88
26 31 00 00-0043	EA 208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	64,211.53	839.88
26 31 00 00-0044	EA 480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	59,564.44	839.88
26 31 00 00-0045	Solectria Photovoltaic Inverters (26 31 00 00-0016)		
26 31 00 00-0046	EA 208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI).....	9,381.90	209.97
26 31 00 00-0047	EA 208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI).....	9,381.90	209.97
26 31 00 00-0048	EA 208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI).....	9,652.56	209.97
26 31 00 00-0049	EA 480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI).....	9,652.56	209.97
26 31 00 00-0050	EA 208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	29,378.72	629.91
26 31 00 00-0051	EA 480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	28,025.41	629.91
26 31 00 00-0052	EA 208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	32,085.35	629.91
26 31 00 00-0053	EA 480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	31,333.51	629.91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0054 EA 208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	34,040.14	629.91
26 31 00 00-0055 EA 480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	32,536.46	629.91
26 31 00 00-0056 EA 208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	35,963.77	839.88
26 31 00 00-0057 EA 480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	34,309.71	839.88
26 31 00 00-0058 EA 208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	37,317.08	839.88
26 31 00 00-0059 EA 480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	35,362.29	839.88
26 31 00 00-0060 Xantrex Photovoltaic Inverters (26 31 00 00-0016)		
26 31 00 00-0061 EA 0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	402.76	26.25
26 31 00 00-0062 EA 1 KW Photovoltaic Inverter (Xantrex 806-1210)	437.55	26.25
26 31 00 00-0063 EA 2 KW Photovoltaic Inverter (Xantrex 806-1220)	693.24	26.25
26 31 00 00-0064 Photovoltaic DC-DC Converters (26 31)		
26 31 00 00-0065 EA 15 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	251.68	39.37
26 31 00 00-0066 EA 20 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	176.02	39.37
26 31 00 00-0067 EA 60 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	446.24	39.37
26 31 00 00-0068 Photovoltaic Combiner Boxes (26 31)		
26 31 00 00-0069 Midnight Solar Photovoltaic Combiner Boxes (26 31 00 00-0068)		
26 31 00 00-0070 EA 3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	337.55	104.99
26 31 00 00-0071 EA 6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	330.54	104.99
26 31 00 00-0072 EA 12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	519.98	157.48
26 31 00 00-0073 EA 6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	522.44	157.48
26 31 00 00-0074 EA 16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	749.72	157.48
26 31 00 00-0075 SMA Photovoltaic Combiner Boxes (26 31 00 00-0068)		
26 31 00 00-0076 EA 6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	668.25	104.99
26 31 00 00-0077 EA 12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	787.66	104.99
26 31 00 00-0078 EA 28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	1,529.68	209.97
26 31 00 00-0079 EA 52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	3,347.69	209.97
26 31 00 00-0080 EA 4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	603.63	104.99
26 31 00 00-0081 Photovoltaic Charge Controller (26 31)		
26 31 00 00-0082 EA 35 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	205.74	39.37
26 31 00 00-0083 EA 40 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	266.54	39.37
26 31 00 00-0084 EA 60 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	307.08	39.37
26 31 00 00-0085 EA Remote Digital Meter For Xantrex C-35, 40 And 60	240.87	39.37
26 31 00 00-0086 EA MPPT Charge Controller (Xantrex XW SCC)	783.17	52.49
26 31 00 00-0087 Photovoltaic Batteries (26 31)		
26 31 00 00-0088 Concorde Photovoltaic Batteries (26 31 00 00-0087)		
26 31 00 00-0089 EA 34 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	177.31	15.75
26 31 00 00-0090 EA 45 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	224.25	21.00
26 31 00 00-0091 EA 49 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	241.89	21.00
26 31 00 00-0092 EA 56 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	281.71	31.50
26 31 00 00-0093 EA 69 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	318.16	31.50
26 31 00 00-0094 EA 89 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	377.27	36.74
26 31 00 00-0095 EA 104 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	432.51	41.99
26 31 00 00-0096 EA 108 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	427.86	41.99
26 31 00 00-0097 EA 210 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	768.04	49.87
26 31 00 00-0098 EA 255 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	885.08	52.49
26 31 00 00-0099 Deka Photovoltaic Batteries (26 31 00 00-0087)		
26 31 00 00-0100 EA 31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	191.72	26.28
26 31 00 00-0101 EA 50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G2NF)	257.93	26.28
26 31 00 00-0102 EA 74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	372.77	26.28
26 31 00 00-0103 EA 86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	424.11	26.28
26 31 00 00-0104 EA 98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	425.46	26.28
26 31 00 00-0105 EA 183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	809.18	26.28
26 31 00 00-0106 EA 225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	933.48	26.28
26 31 00 00-0107 Battery Enclosures (26 31 00 00-0087)		
26 31 00 00-0108 EA 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	214.62	26.25
26 31 00 00-0109 EA 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	988.87	26.28
26 31 00 00-0110 EA 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	930.78	26.28
26 31 00 00-0111 EA 37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	1,234.77	26.28
26 31 00 00-0112 EA 15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	559.22	26.28
26 31 00 00-0113 EA 31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	1,292.87	26.28

26 Electrical
26 30 Facility Electrical Power Generating And Storing Equipment
26 31 Photovoltaic Collectors



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 31 00 00-0114 Photovoltaic System Monitoring (26 31)

26 31 00 00-0115	EA		Solar Inverter Monitor (Xantrex 864-0203).....	451.14	52.49
26 31 00 00-0116	EA		Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	882.40	26.25
26 31 00 00-0117	EA		Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	739.90	26.25
26 31 00 00-0118	EA		PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	149.53	26.25
26 31 00 00-0119	EA		Wind Sensor Accessory For Sunny SensorBox (SMA).....	362.08	52.49
26 31 00 00-0120	EA		Sunny Boy Control with RS485 (SMA).....	868.22	26.25
26 31 00 00-0121	EA		RS 485 Module (SMA)	209.75	26.25
26 31 00 00-0122	EA		RS 232 Module (SMA)	214.62	26.25
26 31 00 00-0123	EA		Wireless Monitor with Bluetooth (SMA Sunny Beam)	404.54	
26 31 00 00-0124	EA		Bluetooth Piggy-Back Computer Card (SMA)	217.25	26.25
26 31 00 00-0125	EA		RS485-N Communication Computer Card (SMA).....	215.89	26.25
26 31 00 00-0126	EA		Bluetooth Repeater (SMA).....	393.59	26.25
26 31 00 00-0127	EA		Sunny Boy PC Service Cable (SMA)	184.22	7.87
26 31 00 00-0128	EA		Integrated Revenue Grade Meter, Option (PVPowered).....	3,465.57	
26 31 00 00-0129	EA		Data Monitoring Module (PVPowered PVM1010).....	392.80	26.25
26 31 00 00-0130	EA		Wireless IG Personal Display (Fronius 4,240,108)	410.47	
26 31 00 00-0131	EA		DatCom Power Supply (Fronius 43,0001,2311)	131.49	
26 31 00 00-0132	EA		Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	240.26	26.25
26 31 00 00-0133	EA		Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	205.68	26.25
26 31 00 00-0134	EA		Datalogger Pro Box (Fronius 4,240,102)	762.20	26.25
26 31 00 00-0135	EA		Datalogger Easy Box (Fronius 4,240,103)	501.24	26.25
26 31 00 00-0136	EA		Datalogger Interface Box (Fronius 4,240,105)	858.50	26.25
26 31 00 00-0137	EA		Datalogger Web (Fronius 4,240,122).....	1,464.05	26.25
26 31 00 00-0138	EA		Interface Box (Fronius 4,240,109).....	404.73	26.25
26 31 00 00-0139	EA		Interface Card (Fronius 4,240,009,Z).....	293.24	26.25
26 31 00 00-0140	EA		Interface Card Easy (Fronius 4,240,013,Z).....	198.65	26.25
26 31 00 00-0141	EA		Sensor Box (Fronius 4,240,104)	795.35	26.25
26 31 00 00-0142	EA		Ambient Temperature Sensor (Fronius 43,0001,1188).....	102.02	26.25
26 31 00 00-0143	EA		Irradiance Sensor (Fronius 43,0001,1188)	286.37	26.25
26 31 00 00-0144	EA		Module Temperature Sensor (Fronius 43,0001,1190).....	317.17	26.25
26 31 00 00-0145	EA		Wind Speed Sensor (Fronius 42,0411,0027).....	190.69	52.49

26 31 00 00-0146 Photovoltaic System Accessories (26 31)

26 31 00 00-0147	EA		Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	606.56	52.49
26 31 00 00-0148	EA		Line Communication Filter (Enphase LCF)	1,316.52	104.99
26 31 00 00-0149	EA		15 Meter RS 485 Communication Cable (SMA)	100.87	7.87
26 31 00 00-0150	EA		15 Meter RS 232 Communication Cable (SMA)	149.51	7.87
26 31 00 00-0151	EA		24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	24.47	2.59
26 31 00 00-0152	EA		36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	26.10	2.59
26 31 00 00-0153	EA		48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	27.02	2.59
26 31 00 00-0154	EA		72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	29.58	2.59
26 31 00 00-0155	EA		120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	33.41	2.59
26 31 00 00-0156	EA		240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	54.05	5.20
26 31 00 00-0157	EA		360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	65.94	5.20
26 31 00 00-0158	EA		420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	87.46	7.79
26 31 00 00-0159	EA		36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	30.21	2.59
26 31 00 00-0160	EA		120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	41.07	2.59
26 31 00 00-0161	EA		240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	61.71	5.20
26 31 00 00-0162	EA		360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	80.87	5.20
26 31 00 00-0163	EA		600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	133.00	10.40
26 31 00 00-0164	EA		1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	138.41	10.40
26 31 00 00-0165	EA		Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery	2,468.73	283.46
				Note: Tamper proof enclosure.	

26 31 00 00-0166 Photovoltaic Mounting Systems (26 31)

26 31 00 00-0167	LF		Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	9.45	2.62
26 31 00 00-0168	EA		Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	30.49	13.12
26 31 00 00-0169	EA		Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216).....	36.50	13.12
26 31 00 00-0170	EA		8" x 3/8" Hanger Bolt (UNIRAC 310046).....	18.26	5.25
				Note: Supports mounting rail above tile or metal roof.	
26 31 00 00-0171	EA		Mounting Rail Grounding Clip (UNIRAC 980006)	9.55	3.94
				Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	
26 31 00 00-0172	EA		Mounting Rail Grounding Lugs (UNIRAC 980012).....	18.53	5.25
				Note: Two grounding lugs for each rail splice and one additional lug for each rail.	
26 31 00 00-0173	EA		Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002).....	5.18	1.75
				Note: Four for each row of modules you plan to mount.	
26 31 00 00-0174	EA		Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008)	5.38	1.75
				Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	
26 31 00 00-0175	EA		Photovoltaic Module Mount L-Foot (UNIRAC 310065)	13.87	5.25
26 31 00 00-0176	EA		12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121)	79.54	26.25
				Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	
26 31 00 00-0177	EA		30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122)	86.35	26.25
				Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	
26 31 00 00-0178	EA		44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123)	91.83	26.25
				Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	
26 31 00 00-0179	EA		12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	117.33	39.37
				Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0180	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108)..... Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	137.76	39.37
26 31 00 00-0181	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109)..... Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	156.29	39.37
26 31 00 00-0182	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	177.63	52.49
26 31 00 00-0183	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	226.43	52.49
26 31 00 00-0184	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	321.29	78.74
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	157.43	
26 31 00 00-0186	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355)..... Note: Excludes ballast.	288.61	
26 31 00 00-0187	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	65.94	26.25
26 31 00 00-0188	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	66.56	26.25
26 31 00 00-0189	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	67.14	26.25
26 31 00 00-0190	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	68.57	26.25
26 31 00 00-0191	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	62.14	26.25
26 31 00 00-0192	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	62.86	26.25
26 31 00 00-0193	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	64.97	26.25
26 31 00 00-0194	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	64.38	26.25
26 31 00 00-0195	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390).....	119.98	39.37
26 31 00 00-0196	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391).....	120.41	39.37
26 31 00 00-0197	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394).....	121.70	39.37
26 31 00 00-0198	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370).....	120.35	39.37
26 31 00 00-0199	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103).....	22.39	5.25
26 31 00 00-0200	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161).....	15.81	5.25
26 31 00 00-0201	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100).....	28.76	7.87
26 31 00 00-0202	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100).....	29.75	7.87
26 31 00 00-0203	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100)..... Note: Mid or end clamp.	8.04	1.75
26 31 00 00-0204	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024).....	35.03	5.25
26 31 00 00-0205	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100).....	2.17	

26 32 Packaged Generator Assemblies (26 30)

26 32 13 Engine Generators (26 32)

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)

See CSI section 01 22 23 00-0713 for fuel reimbursement for commissioning.

26 32 13 13-0001 Diesel Generator Sets (26 32 13 13)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0692 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	32,867.26 2,866.47 6,745.36 8,993.82 7,298.54 10,586.82 14,115.76	892.22
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	34,797.52 2,866.47 6,745.36 8,993.82 7,298.54 10,586.82 14,115.76	1,098.54
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	35,856.72 2,866.47 6,745.36 8,993.82 7,298.54 10,586.82 14,115.76	1,204.49
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	42,119.21 2,866.47 6,745.36 8,993.82 7,298.54 10,586.82 14,115.76	1,382.93

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	45,392.29	1,589.26	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	2,866.47		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	6,745.36		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	8,993.82		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	7,298.54		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	10,586.82		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	14,115.76		
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	53,357.96	1,862.50	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	2,866.47		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	6,745.36		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	8,993.82		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	7,298.54		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	10,586.82		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	14,115.76		
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	57,355.39	2,163.61	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	58,599.76	2,565.11	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	64,784.34	2,827.19	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	68,087.06	3,156.20	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	72,397.55	3,457.32	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	78,134.58	3,652.49	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,347.83		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	10,313.08		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	13,750.77		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	9,364.15		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	11,257.65		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	15,010.19		
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	81,472.54	3,803.05	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	28,196.76		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	31,222.00		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	41,629.33		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	34,198.44		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	38,164.89		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	50,886.52		
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	88,732.98	4,009.37	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	28,196.76		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	31,222.00		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	41,629.33		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	34,198.44		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	38,164.89		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	50,886.52		
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	90,627.11	4,187.82	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	28,196.76		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	31,222.00		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	41,629.33		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	34,198.44		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	38,164.89		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	50,886.52		
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	102,301.38	4,684.11	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	28,196.76		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	31,222.00		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	41,629.33		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	34,198.44		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	38,164.89		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	50,886.52		
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	110,186.22	5,130.21	
		<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	28,196.76		
		<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	31,222.00		
		<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	41,629.33		
		<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	34,198.44		
		<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	38,164.89		
		<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	50,886.52		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0019	EA		450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	124,583.22 28,196.76 31,222.00 41,629.33 34,198.44 38,164.89 50,886.52	5,526.14
26 32 13 13-0020	EA		500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	131,079.87 28,196.76 31,222.00 41,629.33 34,198.44 38,164.89 50,886.52	5,888.59
26 32 13 13-0021	EA		600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	191,256.84 57,600.81 69,364.83 92,486.44 67,749.77 80,808.98 107,745.31	6,485.26
26 32 13 13-0022	EA		750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	219,128.31 57,600.81 69,364.83 92,486.44 67,749.77 80,808.98 107,745.31	7,132.12
26 32 13 13-0023	EA		800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	228,874.68 57,600.81 69,364.83 92,486.44 67,749.77 80,808.98 107,745.31	7,288.25
26 32 13 13-0024	EA		900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	279,505.36 57,600.81 69,364.83 92,486.44 67,749.77 80,808.98 107,745.31	7,857.04
26 32 13 13-0025	EA		1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)..... <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	312,187.79 57,600.81 69,364.83 92,486.44 67,749.77 80,808.98 107,745.31	8,364.48

26 32 13 19 Natural Gas-Engine-Driven Generator Sets (26 32 13)

26 32 13 19-0001	Natural Gas Or Propane Generator Sets <small>(26 32 13 19)</small> Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0692 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.				
26 32 13 19-0002	EA		20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)..... <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	13,907.04 2,607.10 6,745.36 8,993.82 2,823.68 4,684.76	747.22
26 32 13 19-0003	EA		25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)..... <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	15,713.73 2,607.10 6,745.36 8,993.82 2,823.68 4,684.76	892.22
26 32 13 19-0004	EA		29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)..... <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	18,163.58 2,607.10 6,745.36 8,993.82 2,823.68 4,684.76	992.59
26 32 13 19-0005	EA		35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)..... <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	20,626.21 2,607.10 6,745.36 8,993.82 7,987.07 13,405.83	1,098.54
26 32 13 19-0006	EA		40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)..... <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,168.41 2,607.10 6,745.36 8,993.82 7,987.07 13,405.83	1,204.49

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 32 13 19-0007	EA 45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	25,119.93 2,607.10 6,745.36 8,993.82 7,987.07 13,405.83	1,299.28
26 32 13 19-0008	EA 60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	27,461.80 2,607.10 6,745.36 8,993.82 7,987.07 13,405.83	1,589.26
26 32 13 19-0009	EA 70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	29,461.64 2,607.10 6,745.36 8,993.82 7,987.07 13,405.83	1,778.85
26 32 13 19-0010	EA 85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	38,787.85 4,751.60 10,313.08 13,750.77 9,364.15 13,405.83	1,901.53
26 32 13 19-0011	EA 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	46,789.32 4,751.60 10,313.08 13,750.77 9,364.15 13,405.83	2,141.31
26 32 13 19-0012	EA 125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	53,555.50 4,751.60 10,313.08 13,750.77 9,364.15 13,405.83	2,565.11
26 32 13 19-0013	EA 150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB) <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	63,720.78 4,751.60 10,313.08 13,750.77 9,364.15 13,405.83	2,827.19
26 32 13 19-0014	EA 175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	103,423.43 25,357.03 28,069.41 37,425.89 27,724.81 41,603.92	7,520.12
26 32 13 19-0015	EA 205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	117,464.11 25,357.03 28,069.41 37,425.89 27,724.81 41,603.92	3,395.98
26 32 13 19-0016	EA 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	126,294.91 25,357.03 28,069.41 37,425.89 27,724.81 41,603.92	3,803.05
26 32 13 19-0017	EA 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFCA) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	163,511.60 25,357.03 28,069.41 37,425.89 27,724.81 41,603.92	4,187.82
26 32 13 19-0018	EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	175,484.38 25,357.03 28,069.41 37,425.89 27,724.81 41,603.92	4,684.12
26 32 13 19-0019	EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFCA) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	246,797.77 55,368.06 58,828.15 78,437.53 62,888.53 88,883.30	5,526.14
26 32 13 19-0020	EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	315,831.29 55,368.06 58,828.15 78,437.53 62,888.53 88,883.30	5,888.59
26 32 13 19-0021	EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC) <i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	353,503.81 55,368.06 58,828.15 78,437.53 62,888.53 88,883.30	6,206.44

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0022 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA).....	402,793.54	6,485.26
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,368.06	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	58,828.15	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	78,437.53	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	62,888.53	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	88,883.30	
26 32 13 19-0023 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB).....	421,181.55	6,730.62
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,368.06	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	58,828.15	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	78,437.53	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	62,888.53	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	88,883.30	
26 32 13 19-0024 EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC).....	445,487.53	7,193.46
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,368.06	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	58,828.15	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	78,437.53	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	62,888.53	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	88,883.30	
26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets (26 32 13 19)		
26 32 13 19-0026 EA 7.5 KW Natural Gas Or Propane Air Cooled Generator Set.....	4,699.24	482.95
Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
26 32 13 19-0027 EA 10 KW Natural Gas Or Propane Air Cooled Generator Set.....	5,944.89	536.61
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 13 19-0028 EA 14 KW Natural Gas Or Propane Air Cooled Generator Set.....	6,839.98	578.17
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 29 Rotary Converters (26 32)		
26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output (26 32 29)		
26 32 29 00-0002 EA 3 KW, 24 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	5,796.86	209.97
26 32 29 00-0003 EA 5 KW, 40 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	7,033.68	209.97
26 32 29 00-0004 EA 7.5 KW, 60 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,277.07	209.97
26 32 29 00-0005 EA 10 KW, 80 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,349.06	209.97
26 32 29 00-0006 EA 15 KW, 120 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	10,395.49	262.46
26 32 29 00-0007 EA 20 KW, 160 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,245.30	262.46
26 32 29 00-0008 EA 25 KW, 200 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,767.89	262.46
26 32 29 00-0009 EA 40 KW, 320 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	14,348.24	346.45
26 32 29 00-0010 EA 50 KW, 400 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,923.71	346.45
26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output (26 32 29)		
26 32 29 00-0012 EA 3 KW, 12 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	6,692.26	209.97
26 32 29 00-0013 EA 5 KW, 20 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	7,956.22	209.97
26 32 29 00-0014 EA 7.5 KW, 30 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,082.25	209.97
26 32 29 00-0015 EA 10 KW, 40 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,330.79	209.97
26 32 29 00-0016 EA 15 KW, 60 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	10,583.52	262.46
26 32 29 00-0017 EA 20 KW, 80 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,623.81	262.46
26 32 29 00-0018 EA 25 KW, 100 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	12,002.32	262.46
26 32 29 00-0019 EA 40 KW, 160 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	14,292.07	346.45
26 32 29 00-0020 EA 50 KW, 200 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,149.21	346.45
26 32 29 00-0021 460 Volt 3 Phase AC Motor Drive 250 Volt DC (26 32 29)		
26 32 29 00-0022 EA 33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	18,613.70	3,903.42
26 32 29 00-0023 EA 40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	20,822.15	3,903.42
26 32 29 00-0024 EA 50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	23,774.57	5,576.32
26 32 29 00-0025 EA 65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	27,524.50	5,576.32
26 32 29 00-0026 EA 85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	31,062.34	5,576.32
26 32 29 00-0027 EA 100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	36,745.72	8,364.48
26 32 29 00-0028 EA 125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	44,860.53	8,364.48
26 32 29 00-0029 4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC (26 32 29)		
26 32 29 00-0030 EA 170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	63,685.13	11,152.64
26 32 29 00-0031 EA 200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	69,471.87	11,152.64
26 32 29 00-0032 EA 240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	83,473.39	14,498.44
26 32 29 00-0033 EA 320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	95,028.87	17,621.18
26 32 29 00-0034 EA 400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	112,193.91	17,621.18
26 32 29 00-0035 EA 560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	158,643.63	26,320.24
26 32 29 00-0036 EA 640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	164,858.07	26,320.24
26 32 29 00-0037 EA 800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion.....	189,328.59	30,669.77
26 33 Battery Equipment (26 30)		
26 33 13 Batteries (26 33)		
26 33 13 00-0001 Standby Batteries (26 33 13)		
26 33 13 00-0002 EA 12 Volt, 100 Amp Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery.....	710.21	26.28
26 33 13 00-0003 EA 12 Volt, 100 Amp Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket.....	765.94	26.28
26 33 13 00-0004 EA 725CCA, Group 31, 12 Volt Lead Calcium Standby Battery.....	292.49	26.28
26 33 13 00-0005 EA 810CCA, Group 24, 12 Volt Lead Calcium Standby Battery.....	266.10	26.28

26 Electrical
26 30 Facility Electrical Power Generating And Storing Equipment
26 33 Battery Equipment



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	454.26	26.28
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	527.18	26.28

26 33 43 Battery Chargers (26 33)

26 33 43 00-0001 Solid State Chargers, Single Phase (26 33 43)
 Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,319.69	599.35
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,678.72	599.35
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,943.83	599.35
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,129.33	709.63

26 33 53 Static Uninterruptible Power Supply (26 33)

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) (26 33 53)
26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) (26 33 53 00-0001)
26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002)
 Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120).....	931.11	103.93
Note: Includes 12 minutes of battery backup at full load.				
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120).....	1,111.29	121.25
Note: Includes 6 minutes of battery backup at full load.				
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120).....	1,366.31	138.58
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0007	EA	1.5 kVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120).....	1,664.82	155.91
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0008	EA	2 kVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120).....	2,127.79	173.23
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0009	EA	3 kVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120).....	3,509.35	242.52
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0011	EA	3 kVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208).....	3,447.88	242.52
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0013	EA	5 kVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208).....	5,142.96	277.16
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0014	EA	6 kVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208).....	5,626.98	311.81
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0015	EA	8 kVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208).....	8,386.95	381.09
Note: Includes 7 minutes of battery backup at full load.				
26 33 53 00-0016	EA	10 kVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208).....	9,633.82	415.74
Note: Includes 4-1/2 minutes of battery backup at full load.				
26 33 53 00-0017 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002) Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0018	EA	0.7 kVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230).....	1,111.29	121.25
Note: Includes 11 minutes of battery backup at full load.				
26 33 53 00-0019	EA	1 kVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230).....	1,366.31	138.58
Note: Includes 6 minutes of battery backup at full load.				
26 33 53 00-0020	EA	1.5 kVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230).....	1,682.98	155.91
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0021	EA	2 kVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230).....	2,132.17	173.23
Note: Includes 4 minutes of battery backup at full load.				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 33 53 00-0022	EA 3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	3,522.99	242.52
26 33 53 00-0023	EA 5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	4,937.70	277.16
26 33 53 00-0024	EA 6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	6,053.73	311.81
26 33 53 00-0025	EA 10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230)..... Note: Includes 3 minutes of battery backup at full load.	9,340.39	415.74
26 33 53 00-0026 Optional Accessories For Single Phase, Uninterruptible Power Supply Systems (26 33 53 00-0001)			
26 33 53 00-0027	EA External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT)..... Note: Rack mount or tower configuration.	602.32	31.50
26 33 53 00-0028	EA External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT)..... Note: Rack mount or tower configuration.	786.95	31.50
26 33 53 00-0029	EA External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT)..... Note: Rack mount or tower configuration.	766.40	31.50
26 33 53 00-0030	EA External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT)..... Note: Rack mount or tower configuration.	522.78	31.50
26 33 53 00-0031	EA Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT).....	796.06	103.93
26 33 53 00-0032	EA Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT).....	901.04	138.58
26 33 53 00-0033 Three Phase, Uninterruptible Power Supply Systems (UPS) (26 33 53)			
26 33 53 00-0034 208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery (Emerson) (26 33 53 00-0033) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.			
26 33 53 00-0035	EA 10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	24,526.63	415.74
26 33 53 00-0036	EA 15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	27,250.77	554.32
26 33 53 00-0037	EA 20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	30,536.91	692.90
26 33 53 00-0038	EA 30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	33,204.85	831.49
26 33 53 00-0039	EA 40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS).....	39,919.19	970.06
26 33 53 00-0040 208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery (Emerson) (26 33 53 00-0033) Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.			
26 33 53 00-0041	EA 60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	54,405.15	1,653.52
26 33 53 00-0042	EA 80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	59,550.48	2,047.22
26 33 53 00-0043	EA 100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	65,995.53	2,388.42
26 33 53 00-0044	EA 120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	81,076.25	2,703.38
26 33 53 00-0045	EA 140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	84,430.31	3,018.33
26 33 53 00-0046	EA 160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	87,682.49	3,333.29
26 33 53 00-0047	EA 180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	91,609.08	3,648.25
26 33 53 00-0048	EA 200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	95,535.67	3,963.20
26 33 53 00-0049 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery (Emerson) (26 33 53 00-0033) Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.			
26 33 53 00-0050	EA 50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	50,706.77	1,364.81
26 33 53 00-0051	EA 100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	66,332.73	2,398.92
26 33 53 00-0052	EA 150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	90,113.63	2,771.62
26 33 53 00-0053	EA 200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	105,812.56	3,044.58
26 33 53 00-0054	EA 250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	123,422.28	3,359.54

26	26 Electrical
26 30	Facility Electrical Power Generating And Storing Equipment
26 33	Battery Equipment



MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

Item	Description	Unit Cost	Demolition Cost
26 33 53 00-0055 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0033)</small>			
26 33 53 00-0056 EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	542.28	52.49
26 33 53 00-0057 EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	866.22	52.49
26 33 53 00-0058 EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	1,685.32	104.99
26 33 53 00-0059 EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	5,283.39	419.94
26 33 53 00-0060 EA	12 Volt, 491 Watt, 3 Phase, 134 Amp Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR).....	374.98	52.49
26 33 53 00-0061 EA	12 Volt, 204 Watt, 3 Phase, 55 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200).....	208.44	52.49
26 33 53 00-0062 EA	12 Volt, 257 Watt, 3 Phase, 65 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250).....	232.74	52.49
26 33 53 00-0063 EA	12 Volt, 311 Watt, 3 Phase, 75 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300).....	257.05	52.49
26 33 53 00-0064 EA	12 Volt, 374 Watt, 3 Phase, 90 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350).....	300.79	52.49
26 33 53 00-0065 EA	12 Volt, 415 Watt, 3 Phase, 100 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400).....	315.37	52.49
26 33 53 00-0066 EA	12 Volt, 493 Watt, 3 Phase, 135 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500).....	390.71	52.49
26 33 53 00-0067 EA	12 Volt, 540 Watt, 3 Phase, 150 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540).....	408.93	52.49

26 33 53 00-0068 Other Uninterruptable Power Supply Equipment <small>(26 33 53)</small>			
26 33 53 00-0069 EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In.....	3,652.25	95.89
26 33 53 00-0070 EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In.....	4,440.67	191.79
26 33 53 00-0071 EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	22.24	5.75
26 33 53 00-0072 EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	38.26	7.19
26 33 53 00-0073 EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	68.09	7.19
26 33 53 00-0074 EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	99.13	9.59
26 33 53 00-0075 EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	138.51	9.59
26 33 53 00-0076 EA	Uninterrupted Power Supply Remote Status Panel	2,518.65	95.89
26 33 53 00-0077 EA	Uninterrupted Power Supply Remote Contact Board.....	859.79	71.93

26 35 Power Filters And Conditioners (26 35)

26 35 33 Power Factor Correction Equipment (26 35)

26 35 33 16 Low-Voltage Power Factor Correction Equipment (26 35 33)

Item	Description	Unit Cost	Demolition Cost
26 35 33 16-0001 Power Factor Correction Capacitors <small>(26 35 33 16)</small>			
26 35 33 16-0002 EA	Power Factor Correction Capacitors, 2.0 KVAC	579.91	
26 35 33 16-0003 EA	Power Factor Correction Capacitors, 3.0 KVAC	642.27	
26 35 33 16-0004 EA	Power Factor Correction Capacitors, 4.0 KVAC	704.62	
26 35 33 16-0005 EA	Power Factor Correction Capacitors, 5.0 KVAC	764.48	
26 35 33 16-0006 EA	Power Factor Correction Capacitors, 7.5 KVAC	939.08	
26 35 33 16-0007 EA	Power Factor Correction Capacitors, 10.0 KVAC	1,147.35	
26 35 33 16-0008 EA	Power Factor Correction Capacitors, 15.0 KVAC	1,772.16	
26 35 33 16-0009 EA	Power Factor Correction Capacitors, 20.0 KVAC	2,152.53	
26 35 33 16-0010 EA	Power Factor Correction Capacitors, 25.0 KVAC	2,781.07	
26 35 33 16-0011 EA	Power Factor Correction Capacitors, 30.0 KVAC	3,162.69	
26 35 33 16-0012 EA	Power Factor Correction Capacitors, 50.0 KVAC	5,549.68	
26 35 33 16-0013 EA	Power Factor Correction Capacitors, 75.0 KVAC	8,344.47	
26 35 33 16-0014 EA	Power Factor Correction Capacitors, 100.0 KVAC	11,126.79	
26 35 33 16-0015 EA	Power Factor Correction Capacitors, Fuse Kit.....	516.31	

26 35 43 Static-Frequency Converters (26 35)

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure <small>(26 35 43)</small>			
26 35 43 00-0002 EA	750W Output Rotary Phase Converter With NEMA 1 Enclosure.....	478.28	104.99
26 35 43 00-0003 EA	2KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	809.14	125.98
26 35 43 00-0004 EA	3KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	931.01	167.98
26 35 43 00-0005 EA	5KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,270.67	209.97
26 35 43 00-0006 EA	7KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,739.80	272.96
26 35 43 00-0007 EA	11KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	2,237.54	335.95
26 35 43 00-0008 EA	15KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	2,792.46	398.94
26 35 43 00-0009 EA	21KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,383.58	451.44
26 35 43 00-0010 EA	29KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,944.30	545.92
26 35 43 00-0011 EA	36KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	4,509.72	614.17
26 35 43 00-0012 EA	44KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,075.14	682.41
26 35 43 00-0013 EA	55KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	6,287.97	824.14
26 35 43 00-0014 EA	74KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	8,125.22	992.11
26 35 43 00-0015 EA	87KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	10,271.41	1,207.33
26 35 43 00-0016 EA	110KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	11,767.50	1,412.05
26 35 43 00-0017 EA	125KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	15,009.76	1,574.78
26 35 43 00-0018 EA	165KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	22,578.72	1,784.75
26 35 43 00-0019 EA	220KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	33,293.23	1,994.72

26 35 53 Voltage Regulators (26 35)

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 35 53 00-0001	Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase <small>(26 35 53)</small> Note: For diesel motor generator sets mounted in switchgear cabinet.			
26 35 53 00-0002	EA 50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,280.87		1,669.27
26 35 53 00-0003	EA 75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,149.54		2,099.71
26 35 53 00-0004	EA 100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,949.42		2,498.65

26 36 Transfer Switches (26 36)

26 36 13 Manual Transfer Switches (26 36)

26 36 13 00-0001	Fused Manual Transfer Switches <small>(26 36 13)</small>			
26 36 13 00-0002	EA 30 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	965.41		183.72
26 36 13 00-0003	EA 60 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,132.92		228.24

26 36 13 00-0004	Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 13)</small>			
26 36 13 00-0005	EA 40 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	2,906.61 932.65 877.78		268.30
26 36 13 00-0006	EA 70 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	3,219.14 932.65 877.78		321.97
26 36 13 00-0007	EA 125 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	3,653.39 932.65 877.78		375.62
26 36 13 00-0008	EA 150 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	4,538.00 1,097.24 877.78		429.29
26 36 13 00-0009	EA 225 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	5,619.37 1,097.24 877.78		482.95
26 36 13 00-0010	EA 260 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	6,318.18 1,097.24 877.78		536.61
26 36 13 00-0011	EA 300 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	7,028.06 1,294.74 1,097.24		590.27
26 36 13 00-0012	EA 400 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	8,254.00 1,294.74 1,097.24		643.93
26 36 13 00-0013	EA 600 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	10,918.79 1,294.74 1,097.24		804.91
26 36 13 00-0014	EA 800 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	12,280.90 1,590.98 1,536.13		965.89
26 36 13 00-0015	EA 1,000 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	16,324.24 1,590.98 1,536.13		1,338.31

26 36 23 Automatic Transfer Switches (26 36)

26 36 23 00-0001	Automatic Transfer Switch <small>(26 36 23)</small>			
26 36 23 00-0002	Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small> Note: Programmable, 120/240 volt single phase, 3 wire.			
26 36 23 00-0003	EA 100 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	2,618.72		375.62
26 36 23 00-0004	EA 225 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,564.11		482.95
26 36 23 00-0005	EA 400 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	5,672.37		643.93
26 36 23 00-0006	EA 600 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	12,977.10		804.91

26 36 23 00-0007	Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small>			
26 36 23 00-0008	EA 40 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	4,341.08 932.65 987.51 987.51		268.30
26 36 23 00-0009	EA 70 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	5,010.71 932.65 987.51 987.51		321.97
26 36 23 00-0010	EA 125 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	5,506.32 932.65 987.51 987.51		375.62
26 36 23 00-0011	EA 150 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	6,552.19 1,097.24 1,426.40 987.51		429.29
26 36 23 00-0012	EA 225 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	7,482.37 1,097.24 1,426.40 987.51		482.95

26 Electrical

26 30 Facility Electrical Power Generating And Storing Equipment

26 36 Transfer Switches



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 36 23 00-0013	EA	260 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260).....	8,256.63	536.61
		<i>For NEMA 3R Enclosure, Add</i>	1,097.24	
		<i>For NEMA 4 Enclosure, Add</i>	1,426.40	
		<i>For NEMA 12 Enclosure, Add</i>	987.51	
26 36 23 00-0014	EA	300 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300).....	8,624.49	590.27
		<i>For NEMA 3R Enclosure, Add</i>	1,294.74	
		<i>For NEMA 4 Enclosure, Add</i>	1,536.13	
		<i>For NEMA 12 Enclosure, Add</i>	1,097.24	
26 36 23 00-0015	EA	400 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400).....	9,755.87	643.93
		<i>For NEMA 3R Enclosure, Add</i>	1,294.74	
		<i>For NEMA 4 Enclosure, Add</i>	1,536.13	
		<i>For NEMA 12 Enclosure, Add</i>	1,097.24	
26 36 23 00-0016	EA	600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600).....	13,377.31	804.91
		<i>For NEMA 3R Enclosure, Add</i>	1,294.74	
		<i>For NEMA 4 Enclosure, Add</i>	1,536.13	
		<i>For NEMA 12 Enclosure, Add</i>	1,097.24	
26 36 23 00-0017	EA	800 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800).....	14,995.94	965.89
		<i>For NEMA 3R Enclosure, Add</i>	1,590.98	
		<i>For NEMA 4 Enclosure, Add</i>	1,755.58	
		<i>For NEMA 12 Enclosure, Add</i>	1,536.13	
26 36 23 00-0018	EA	1,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000).....	19,497.97	1,338.31
		<i>For NEMA 3R Enclosure, Add</i>	1,590.98	
		<i>For NEMA 4 Enclosure, Add</i>	1,755.58	
		<i>For NEMA 12 Enclosure, Add</i>	1,536.13	
26 36 23 00-0019	EA	1,200 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200).....	25,346.10	1,449.85
		<i>For NEMA 3R Enclosure, Add</i>	3,511.15	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,645.86	
26 36 23 00-0020	EA	1,600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600).....	27,004.39	1,672.90
		<i>For NEMA 3R Enclosure, Add</i>	5,705.61	
		<i>For NEMA 4 Enclosure, Add</i>	7,022.28	
		<i>For NEMA 12 Enclosure, Add</i>	5,705.61	
26 36 23 00-0021	EA	2,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000).....	30,878.55	1,895.94
		<i>For NEMA 3R Enclosure, Add</i>	5,705.61	
		<i>For NEMA 4 Enclosure, Add</i>	7,022.28	
		<i>For NEMA 12 Enclosure, Add</i>	5,705.61	
26 36 23 00-0022	EA	3,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000).....	37,286.05	2,342.05
		<i>For NEMA 3R Enclosure, Add</i>	5,705.61	
26 36 23 00-0023	EA	4,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000).....	64,899.01	2,788.16
		<i>For NEMA 3R Enclosure, Add</i>	26,816.31	

26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001)

26 36 23 00-0025	EA	150 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150).....	21,517.01	2,039.11
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,042.38	
26 36 23 00-0026	EA	225 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225).....	22,458.15	2,146.43
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,042.38	
26 36 23 00-0027	EA	260 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260).....	23,541.98	2,253.76
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,042.38	
26 36 23 00-0028	EA	300 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300).....	26,313.79	2,307.41
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,042.38	
26 36 23 00-0029	EA	400 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400).....	30,425.89	2,361.07
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,042.38	
26 36 23 00-0030	EA	600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600).....	36,600.47	2,468.39
		<i>For NEMA 3R Enclosure, Add</i>	1,920.16	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,097.24	
26 36 23 00-0031	EA	800 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800).....	40,375.63	2,575.71
		<i>For NEMA 3R Enclosure, Add</i>	1,975.02	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,206.96	
26 36 23 00-0032	EA	1,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000).....	50,775.04	3,005.00
		<i>For NEMA 3R Enclosure, Add</i>	1,975.02	
		<i>For NEMA 4 Enclosure, Add</i>	1,975.02	
		<i>For NEMA 12 Enclosure, Add</i>	1,206.96	
26 36 23 00-0033	EA	1,200 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	66,619.99	3,345.79
		<i>For NEMA 3R Enclosure, Add</i>	8,777.85	
		<i>For NEMA 4 Enclosure, Add</i>	10,972.30	
		<i>For NEMA 12 Enclosure, Add</i>	8,777.85	
26 36 23 00-0034	EA	1,600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	87,077.16	3,568.85
		<i>For NEMA 3R Enclosure, Add</i>	18,652.91	
		<i>For NEMA 4 Enclosure, Add</i>	18,652.91	
		<i>For NEMA 12 Enclosure, Add</i>	17,380.13	
26 36 23 00-0035	EA	2,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	98,903.16	3,903.42
		<i>For NEMA 3R Enclosure, Add</i>	18,652.91	
		<i>For NEMA 4 Enclosure, Add</i>	18,652.91	
		<i>For NEMA 12 Enclosure, Add</i>	17,380.13	
26 36 23 00-0036	EA	3,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	158,542.43	4,461.06
		<i>For NEMA 3R Enclosure, Add</i>	23,041.83	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 36 23 00-0037	EA	4,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)..... <i>For NEMA 3R Enclosure, Add</i>	171,088.28 23,041.83	5,018.69
26 36 23 00-0038		Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small>		
26 36 23 00-0039	EA	40 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	7,109.43 548.62 987.51	268.30
26 36 23 00-0040	EA	70 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	7,683.50 548.62 987.51	321.97
26 36 23 00-0041	EA	125 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	8,256.57 548.62 987.51	375.62
26 36 23 00-0042	EA	150 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	9,919.07 2,743.08 548.62 987.51	429.29
26 36 23 00-0043	EA	225 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	12,927.52 2,743.08 548.62 987.51	482.95
26 36 23 00-0044	EA	250 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	13,760.12 2,743.08 548.62 987.51	536.61
26 36 23 00-0045	EA	300 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	14,305.04 3,730.59 1,426.40 1,097.24	590.27
26 36 23 00-0046	EA	400 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	16,191.87 3,730.59 1,426.40 1,097.24	643.93
26 36 23 00-0047	EA	600 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	19,643.31 3,730.59 1,426.40 1,097.24	804.91
26 36 23 00-0048	EA	800 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	20,444.10 5,321.57 2,457.81 1,536.13	965.89
26 36 23 00-0049	EA	1,000 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)..... <i>For Four Pole Circuit Breaker, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	24,205.77 5,321.57 2,457.81 1,536.13	1,338.31
26 36 23 00-0050		Accessories <small>(26 36 23)</small>		
26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	254.56	
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	2,084.75	
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	757.09	

26 40 Electrical And Cathodic Protection (26)

26 41 Facility Lightning Protection (26 40)

26 41 13 Lightning Protection For Structures (26 41)

26 41 13 13 Lightning Protection For Buildings (26 41 13)

26 41 13 13-0001		Lightning Protection <small>(26 41 13 13)</small>		
26 41 13 13-0002		Air Terminals For Lightning Protection <small>(26 41 13 13-0001)</small>		
26 41 13 13-0003		Copper Lightning Protection Air Terminals <small>(26 41 13 13-0002)</small>		
26 41 13 13-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	59.70	10.50
26 41 13 13-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	74.26	10.50
26 41 13 13-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	96.53	10.50
26 41 13 13-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	107.35	10.50
26 41 13 13-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	208.07	21.00
26 41 13 13-0009		Aluminum Lightning Protection Air Terminals <small>(26 41 13 13-0002)</small>		
26 41 13 13-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	55.09	10.50
26 41 13 13-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	70.45	10.50

26 Electrical
26 40 Electrical And Cathodic Protection
26 41 Facility Lightning Protection

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 41 13 13-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal.....	88.81	10.50
26 41 13 13-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal.....	98.82	10.50
26 41 13 13-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal.....	190.49	21.00
26 41 13 13-0015	Terminal Bases For Lightning Protection (26 41 13 13-0001)			
26 41 13 13-0016	Copper Lightning Protection Terminal Bases (26 41 13 13-0015)			
26 41 13 13-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	81.85	31.50
26 41 13 13-0018	EA	Bolted Base For Copper Lightning Protection Terminal	108.58	41.99
26 41 13 13-0019	EA	Hinged Base For Copper Lightning Protection Terminal.....	146.24	52.49
26 41 13 13-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	108.58	41.99
26 41 13 13-0021	EA	Offset Point Support For Copper Lightning Protection Terminal.....	115.68	41.99
26 41 13 13-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal.....	205.52	83.99
26 41 13 13-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal.....	144.38	52.49
26 41 13 13-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	81.85	31.50
26 41 13 13-0025	Aluminum Lightning Protection Terminal Bases (26 41 13 13-0015)			
26 41 13 13-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	76.86	31.50
26 41 13 13-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal.....	107.01	41.99
26 41 13 13-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal.....	142.68	52.49
26 41 13 13-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	107.32	41.99
26 41 13 13-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal.....	111.62	41.99
26 41 13 13-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	203.42	83.99
26 41 13 13-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	139.14	52.49
26 41 13 13-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	76.86	31.50
26 41 13 13-0034	Connectors (26 41 13 13-0001)			
26 41 13 13-0035	Copper Cable Connectors (26 41 13 13-0034)			
26 41 13 13-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System.....	165.03	52.49
26 41 13 13-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	224.70	83.99
26 41 13 13-0038	EA	Beam Connector For Copper Lightning Protection System	147.53	52.49
26 41 13 13-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System.....	35.31	10.50
26 41 13 13-0040	EA	Cable To Bar Connector For Copper Lightning Protection System.....	36.23	10.50
26 41 13 13-0041	EA	Tee Connector For Copper Lightning Protection Terminal.....	110.11	31.50
26 41 13 13-0042	Aluminum Cable Connectors (26 41 13 13-0034)			
26 41 13 13-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	155.88	52.49
26 41 13 13-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	221.07	83.99
26 41 13 13-0045	EA	Beam Connector For Aluminum Lightning Protection System	146.67	52.49
26 41 13 13-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System.....	34.20	10.50
26 41 13 13-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	101.30	31.50
26 41 13 13-0048	Bonding Plates (26 41 13 13-0001)			
26 41 13 13-0049	Copper Bonding Plates (26 41 13 13-0048)			
26 41 13 13-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System.....	130.62	52.49
26 41 13 13-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System.....	134.96	52.49
26 41 13 13-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System.....	198.58	83.99
26 41 13 13-0053	Aluminum Bonding Plates (26 41 13 13-0048)			
26 41 13 13-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System.....	126.71	52.49
26 41 13 13-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System.....	131.62	52.49
26 41 13 13-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System.....	190.83	83.99
26 41 13 13-0057	Cable Supports (26 41 13 13-0001)			
26 41 13 13-0058	Copper Cable Supports (26 41 13 13-0057)			
26 41 13 13-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System.....	23.57	10.50
26 41 13 13-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	23.90	10.50
26 41 13 13-0061	Aluminum Cable Supports (26 41 13 13-0057)			
26 41 13 13-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	23.31	10.50
26 41 13 13-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System.....	23.20	10.50
26 41 13 13-0064	Bonding Straps (26 41 13 13-0001)			
26 41 13 13-0065	Copper Bonding Straps (26 41 13 13-0064)			
26 41 13 13-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	68.81	31.50
26 41 13 13-0067	Aluminum Bonding Straps (26 41 13 13-0064)			
26 41 13 13-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	66.42	31.50

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 41 13 13-0069			Accessories For Lightning Protection (26 41 13 13-0001) See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
26 41 13 13-0070			Copper Adapters (26 41 13 13-0069)		
26 41 13 13-0071	EA		Swivel Adapters For Copper Lightning Protection System.....	26.62	5.25
26 41 13 13-0072			Aluminum Adapters (26 41 13 13-0069)		
26 41 13 13-0073	EA		Swivel Adapters For Aluminum Lightning Protection System	27.87	5.25
26 41 13 13-0074	EA		Floor Ground Receptacle For Aluminum Lightning Protection System	166.84	52.49
26 41 23			Lightning Protection Surge Arresters And Suppressors (26 41)		
26 41 23 00-0001			Surge And Lightning Arrestors (26 41 23)		
26 41 23 00-0002			Metal Top Intermediate Type IMX (26 41 23 00-0001) Note: For outdoor construction, single phase.		
26 41 23 00-0003	EA		3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,032.79	226.01
26 41 23 00-0004	EA		4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,123.13	226.01
26 41 23 00-0005	EA		6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,123.13	226.01
26 41 23 00-0006	EA		7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,290.91	226.01
26 41 23 00-0007	EA		9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,290.91	226.01
26 41 23 00-0008	EA		10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,430.30	226.01
26 41 23 00-0009	EA		12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,430.30	226.01
26 41 23 00-0010	EA		15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,956.31	282.51
26 41 23 00-0011	EA		18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,028.58	282.51
26 41 23 00-0012	EA		21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,223.81	339.02
26 41 23 00-0013	EA		24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,409.66	339.02
26 41 23 00-0014	EA		27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,876.87	339.02
26 41 23 00-0015			Porcelain Top Intermediate Type IMX (26 41 23 00-0001) Note: For cubicle mounting, single phase.		
26 41 23 00-0016	EA		3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,032.79	226.01
26 41 23 00-0017	EA		4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,123.13	226.01
26 41 23 00-0018	EA		6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,123.13	226.01
26 41 23 00-0019	EA		7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,290.91	226.01
26 41 23 00-0020	EA		9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,290.91	226.01
26 41 23 00-0021	EA		10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,430.30	226.01
26 41 23 00-0022	EA		12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,430.30	226.01
26 41 23 00-0023	EA		15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,956.31	282.51
26 41 23 00-0024	EA		18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,028.58	282.51
26 41 23 00-0025	EA		21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,223.81	339.02
26 41 23 00-0026	EA		24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,409.66	339.02
26 41 23 00-0027	EA		27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,876.87	339.02
26 41 23 00-0028			IMX Accessories (26 41 23 00-0001)		
26 41 23 00-0029	EA		1 Crossarm Bracket Reversible 3-27 KV IMX	846.94	226.01
26 41 23 00-0030	EA		Single Unit Horizontal Pole Mounted Bracket (IMX)	836.62	226.01
26 41 23 00-0031	EA		3 Unit Horizontal Pole Mounted Bracket (IMX)	759.28	226.01
26 41 23 00-0032			Lightning Arrester And Cutouts (26 41 23 00-0001)		
26 41 23 00-0033	EA		3 KV La Distribution Class, Lightning Arrester	557.84	226.01
26 41 23 00-0034	EA		3 KV La Interior Class, Lightning Arrester	1,101.55	226.01
26 41 23 00-0035	EA		3 KV La Station Class, Lightning Arrester	1,032.79	226.01
26 41 23 00-0036	EA		9 KV La Distribution Class, Lightning Arrester	614.63	226.01
26 41 23 00-0037	EA		9 KV La Interior Class, Lightning Arrester	1,252.09	226.01
26 41 23 00-0038	EA		9 KV La Station Class, Lightning Arrester	1,290.91	226.01
26 41 23 00-0039	EA		5 KV Enclosed Fused Cutout	702.91	226.01
26 41 23 00-0040	EA		15 KV Open Fused Cutout	753.45	282.51
26 41 23 00-0041	EA		18 KV La Distribution Class, Lightning Arrester	584.76	226.01
26 41 23 00-0042	EA		18 KV La Interior Class, Lightning Arrester	1,332.56	226.01
26 43			Surge Protective Devices (26 40)		
26 43 13			Surge Protective Devices for Low-Voltage Electrical Power Circuits (26 43)		
26 43 13 00-0001			25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13) Note: Liebert LPL		
26 43 13 00-0002	EA		120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	228.56	26.25
26 43 13 00-0003	EA		208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	246.43	26.25
26 43 13 00-0004	EA		240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	256.93	31.50
26 43 13 00-0005	EA		277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	212.96	21.00
26 43 13 00-0006	EA		480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	256.93	31.50
26 43 13 00-0007			50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13) Note: Liebert LPL		
26 43 13 00-0008	EA		120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	316.60	26.25
26 43 13 00-0009	EA		208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	337.31	31.50
26 43 13 00-0010	EA		208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	326.81	26.25
26 43 13 00-0011	EA		480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	337.31	31.50

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 43 13 00-0012			100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small> Note: Liebert LPL		
26 43 13 00-0013	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	382.95	26.25
26 43 13 00-0014	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	403.66	31.50
26 43 13 00-0015	EA		277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	357.14	21.00
26 43 13 00-0016	EA		480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	403.66	31.50
26 43 13 00-0017			100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small> Note: Liebert LPM		
26 43 13 00-0018	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	451.85	26.25
26 43 13 00-0019	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	509.55	31.50
26 43 13 00-0020	EA		277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	427.31	21.00
26 43 13 00-0021			160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small> Note: Liebert LPM		
26 43 13 00-0022	EA		208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	796.63	31.50
26 43 13 00-0023	EA		208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	786.13	26.25
26 43 13 00-0024	EA		480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	796.63	31.50
26 43 13 00-0025			250 kA, 500 Joule Transient Voltage Surge Suppression <small>(26 43 13)</small> Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA		LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	4,606.77	52.49
26 43 13 00-0027	EA		Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	5,627.49	52.49
26 43 13 00-0028			Class 1310 Transient Voltage Surge Suppression <small>(26 43 13)</small> Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029			NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor <small>(26 43 13 00-0029)</small> Note: Square D. EMA series.		
26 43 13 00-0030	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,722.56	136.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0031	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,105.99	157.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0032	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,997.68	183.72
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0033	EA		320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,978.08	209.97
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0034	EA		480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	11,804.86	288.71
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0035	EA		120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,884.18	136.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0036	EA		160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,283.53	157.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0037	EA		240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,271.97	183.72
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0038	EA		320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,334.31	209.97
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0039	EA		480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,354.57	288.71
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0040	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,884.18	136.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0041	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,283.53	157.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0042	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,271.97	183.72
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0043	EA		320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,334.31	209.97
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0044	EA		480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,354.57	288.71
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0045	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,045.81	136.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	
26 43 13 00-0046	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,463.35	157.48
			For Integral Disconnect, Add	438.87	
			For Surge Counter, Add	335.40	

	Electrical	26
	Electrical And Cathodic Protection	26 40
	Surge Protective Devices	26 43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43	13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,548.52 438.87 335.40	183.72
26 43	13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	8,692.88 438.87 335.40	209.97
26 43	13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	12,906.51 438.87 335.40	288.71
26 43	13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,233.60 438.87 335.40	136.48
26 43	13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,650.05 438.87 335.40	157.48
26 43	13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,837.60 438.87 335.40	183.72
26 43	13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	9,068.46 438.87 335.40	209.97
26 43	13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	12,703.33 438.87 335.40	288.71
26 43	13 00-0055		NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor _(26 43 13 00-0028) Note: Square D EBA series.		
26 43	13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,903.15 438.87 335.40	136.48
26 43	13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,507.39 438.87 335.40	157.48
26 43	13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,139.56 438.87 335.40	183.72
26 43	13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,995.34 438.87 335.40	136.48
26 43	13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,643.96 438.87 335.40	157.48
26 43	13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,318.24 438.87 335.40	183.72
26 43	13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,995.34 438.87 335.40	136.48
26 43	13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,643.96 438.87 335.40	157.48
26 43	13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,318.24 438.87 335.40	183.72
26 43	13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,112.57 438.87 335.40	136.48
26 43	13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,790.78 438.87 335.40	157.48
26 43	13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,546.99 438.87 335.40	183.72
26 43	13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,235.49 438.87 335.40	136.48
26 43	13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,946.69 438.87 335.40	157.48
26 43	13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,787.13 438.87 335.40	183.72
26 43	13 00-0071		NEMA 4X Modular Device Transient Voltage Surge Suppressor _(26 43 13 00-0028) Note: Square D EMA series. Stainless steel.		
26 43	13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,798.06 438.87 335.40	136.48
26 43	13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,181.49 438.87 335.40	157.48
26 43	13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,073.19 438.87 335.40	183.72
26 43	13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,959.68 438.87 335.40	136.48

26 Electrical
26 40 Electrical And Cathodic Protection
26 43 Surge Protective Devices

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 43 13 00-0076	EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,359.04	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0077	EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,347.48	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0078	EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,959.68	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0079	EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,359.04	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0080	EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,347.43	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0081	EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,121.32	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0082	EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,538.86	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0083	EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,624.03	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0084	EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,309.10	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0085	EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,725.55	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0086	EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,913.11	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ^(26 43 13 00-0088)

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,978.66	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0089	EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,582.90	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0090	EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,215.07	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0091	EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,070.84	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0092	EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,719.47	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0093	EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,393.74	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0094	EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,070.84	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0095	EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,719.47	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0096	EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,393.74	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0097	EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,188.07	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0098	EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,866.29	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0099	EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,622.50	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0100	EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,310.99	136.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0101	EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,022.20	157.48
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0102	EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,862.64	183.72
	<i>For Integral Disconnect, Add</i>	438.87	
	<i>For Surge Counter, Add</i>	335.40	

26 50 Lighting ⁽²⁶⁾

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 Interior Lighting (26 50)

26 51 13 Incandescent Interior Lighting (26 51)

26 51 13 00-0001	Recessed Fixtures <small>(26 51 13)</small>		
	Note: Housing and trim priced separately.		
26 51 13 00-0002	Incandescent, Recessed Fixture housings <small>(26 51 13 00-0001)</small>		
26 51 13 00-0003	EA 4" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	64.12	30.02
26 51 13 00-0004	EA 5" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	64.12	30.02
26 51 13 00-0005	EA 6" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	67.86	31.50
26 51 13 00-0006	EA 7" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	71.71	32.86
26 51 13 00-0007	EA 8" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	75.56	34.22
26 51 13 00-0008	EA 10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing.....	77.71	36.32
26 51 13 00-0009	Recessed Fixture Trim <small>(26 51 13 00-0001)</small>		
26 51 13 00-0010	EA Circular, Recessed Fixture Trim	45.54	14.70
26 51 13 00-0011	EA Circular Clear Lens, Recessed Fixture Trim	49.84	14.70
26 51 13 00-0012	EA Open/Baffle, Recessed Fixture Trim.....	57.30	14.70
26 51 13 00-0013	EA Specular Reflector, Recessed Fixture Trim	61.25	14.70
26 51 13 00-0014	EA Eyeball, Recessed Fixture Trim	49.91	14.70
26 51 13 00-0015	EA 10" To 12" Square, Clear Lens, Recessed Fixture Trim	47.60	14.70
26 51 13 00-0016	EA 10" To 12" Square, Drop Dish, Recessed Fixture Trim.....	50.25	14.70
26 51 13 00-0017	Track Lighting <small>(26 51 13)</small>		
26 51 13 00-0018	Track Lighting Tracks <small>(26 51 13 00-0017)</small>		
26 51 13 00-0019	LF 1 Circuit Track Lighting Track	28.38	6.93
26 51 13 00-0020	LF 2 Circuit Track Lighting Track	37.72	6.93
26 51 13 00-0021	LF 3 Circuit Track Lighting Track	45.64	6.93
26 51 13 00-0022	LF 4 Circuit Track Lighting Track	53.55	8.39
26 51 13 00-0023	Incandescent Track Lighting Fixtures <small>(26 51 13 00-0017)</small>		
26 51 13 00-0024	EA Incandescent Track Lighting Fixture	58.18	17.53
26 51 13 00-0025	EA Par 20 Track Fixture, White Or Black Finish, 120 Volt.....	71.50	17.53
26 51 13 00-0026	EA Par 30 Track Fixture, White Or Black Finish, 120 Volt.....	106.44	17.53
26 51 13 00-0027	EA Par 38 Track Fixture, White Or Black Finish, 120 Volt.....	109.90	17.53
26 51 13 00-0028	EA PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	87.31	17.53
26 51 13 00-0029	EA PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	71.50	17.53
26 51 13 00-0030	EA PAR 30, Baffled Cylinder Track Fixture, White or Black Finish.....	85.65	17.53
	Note: 120V.		
26 51 13 00-0031	EA PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	113.37	17.53
26 51 13 00-0032	Track Lighting Accessories <small>(26 51 13 00-0017)</small>		
26 51 13 00-0033	Pendant Mounting <small>(26 51 13 00-0032)</small>		
26 51 13 00-0034	EA Track Lighting Pendant Mounting, Up to 12"	29.11	
26 51 13 00-0035	EA Track Lighting Pendant Mounting, >12" To 24"	38.79	
26 51 13 00-0036	EA Track Lighting Pendant Mounting, >24" To 36"	47.73	
26 51 13 00-0037	Wet Location, Dust Resistant, Vapor Tight Fixtures <small>(26 51 13)</small>		
26 51 13 00-0038	Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0037)</small>		
26 51 13 00-0039	EA 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	152.34	41.99
26 51 13 00-0040	EA 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	180.54	41.99
26 51 13 00-0041	Retrofit Existing Fluorescent Fixtures <small>(26 51 13)</small>		
26 51 13 00-0042	EA Convert 1L F96 fixture to operate (2) F32T8 lamps	196.03	
	Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
	For Specular Reflector, Add	24.49	
	For Retrofit Kit Without Ballast, Deduct	-63.70	
26 51 13 00-0043	EA Convert 2L F96 fixture to operate (4) F32T8 lamps	201.28	
	Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
	For Specular Reflector, Add	24.49	
	For Retrofit Kit Without Ballast, Deduct	-64.49	
26 51 13 00-0044	EA Convert 1L UFB40 fixture to operate (2) F17T8 lamps	121.47	
	Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
	For Specular Reflector, Add	6.35	
	For Retrofit Kit Without Ballast, Deduct	-36.62	
26 51 13 00-0045	EA Convert 2L UFB40 fixture to operate (3) F17T8 lamps	125.67	
	Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
	For Specular Reflector, Add	6.35	
	For Retrofit Kit Without Ballast, Deduct	-37.24	
26 51 16	Fluorescent Interior Lighting <small>(26 51)</small>		
26 51 16 00-0001	Fluorescent Fixtures <small>(26 51 16)</small>		

26	26 Electrical
	26 50 Lighting
	26 51 Interior Lighting



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 16 00-0002	Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0001)</small>	
26 51 16 00-0003	6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0002)</small>	
26 51 16 00-0004 EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	124.40 30.01
26 51 16 00-0005 EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	138.14 30.01
26 51 16 00-0006	6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0002)</small>	
26 51 16 00-0007 EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	138.65 31.26
26 51 16 00-0008 EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	152.99 31.26
26 51 16 00-0009	1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0002)</small>	
26 51 16 00-0010 EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	163.95 35.10
26 51 16 00-0011 EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	191.23 35.10
26 51 16 00-0012 EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	221.33 35.10
26 51 16 00-0013	2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0002)</small>	
26 51 16 00-0014 EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	139.00 38.36
26 51 16 00-0015 EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	158.13 38.36
26 51 16 00-0016	2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0002)</small>	
26 51 16 00-0017 EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	210.07 44.69
26 51 16 00-0018 EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	224.04 44.69
26 51 16 00-0019 EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	251.28 44.69
26 51 16 00-0020	Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0001)</small>	
	Note: Includes prismatic lens.	
26 51 16 00-0021	1' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0020)</small>	
26 51 16 00-0022 EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	163.10 34.81
26 51 16 00-0023 EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	255.81 34.81
26 51 16 00-0024 EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	289.25 34.81
26 51 16 00-0025	2' x 2', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0020)</small>	
26 51 16 00-0026 EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	250.06 38.36
26 51 16 00-0027 EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	271.60 38.36
26 51 16 00-0028 EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	287.14 38.36
26 51 16 00-0029	2' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0020)</small>	
26 51 16 00-0030 EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	254.77 44.69
26 51 16 00-0031 EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	277.03 44.69
26 51 16 00-0032 EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	288.96 44.69
26 51 16 00-0033 EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	306.78 44.69
26 51 16 00-0034	4' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0020)</small>	
26 51 16 00-0035 EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	491.84 57.54
26 51 16 00-0036 EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	498.14 57.54
26 51 16 00-0037 EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	470.09 57.54
26 51 16 00-0038	Recessed Fluorescent Fixtures <small>(26 51 16 00-0001)</small>	
26 51 16 00-0039	Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>	
26 51 16 00-0040	1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>	
26 51 16 00-0041 EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	165.29 30.01
	For Drywall Or Plaster Ceilings, Add	20.28
26 51 16 00-0042	1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>	
26 51 16 00-0043 EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	211.10 34.81
	For Drywall Or Plaster Ceilings, Add	23.74
26 51 16 00-0044 EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	369.47 34.81
	For Drywall Or Plaster Ceilings, Add	23.74
26 51 16 00-0045	2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>	
26 51 16 00-0046 EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	216.83 38.36
	For Drywall Or Plaster Ceilings, Add	25.89
26 51 16 00-0047 EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	244.92 38.36
	For Drywall Or Plaster Ceilings, Add	25.89
26 51 16 00-0048 EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	248.23 38.36
	For Drywall Or Plaster Ceilings, Add	25.90
26 51 16 00-0049 EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	266.47 38.36
	For Drywall Or Plaster Ceilings, Add	25.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0050 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>					
26 51 16 00-0051	EA		2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	213.56	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0052	EA		3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	285.61	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0053	EA		4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	288.76	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0054	EA		6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	318.91	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0055	EA		2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	281.12	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0056	EA		3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	374.26	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0057	EA		4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	383.42	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0058 Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>					
26 51 16 00-0059 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>					
26 51 16 00-0060	EA		1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	188.49	30.01
			For Drywall Or Plaster Ceilings, Add	20.28	
26 51 16 00-0061	EA		2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	191.79	30.01
			For Drywall Or Plaster Ceilings, Add	20.28	
26 51 16 00-0062	EA		3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	221.59	30.01
			For Drywall Or Plaster Ceilings, Add	20.28	
26 51 16 00-0063 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>					
26 51 16 00-0064	EA		1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	214.01	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0065	EA		2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	217.16	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0066	EA		3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	242.08	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0067 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>					
26 51 16 00-0068	EA		2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	222.60	38.36
			For Drywall Or Plaster Ceilings, Add	25.90	
26 51 16 00-0069	EA		3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	225.89	38.36
			For Drywall Or Plaster Ceilings, Add	25.90	
26 51 16 00-0070	EA		4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	255.25	38.36
			For Drywall Or Plaster Ceilings, Add	25.90	
26 51 16 00-0071 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>					
26 51 16 00-0072	EA		2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	213.56	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0073	EA		3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	244.64	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0074	EA		4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	274.19	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0075	EA		6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	306.99	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0076 Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>					
26 51 16 00-0077 1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>					
26 51 16 00-0078	EA		1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	380.22	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0079	EA		2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	383.37	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0080	EA		1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	448.91	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0081	EA		2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	458.07	34.81
			For Drywall Or Plaster Ceilings, Add	23.74	
26 51 16 00-0082 2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>					
26 51 16 00-0083	EA		2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	310.27	38.36
			For Drywall Or Plaster Ceilings, Add	25.89	
26 51 16 00-0084	EA		3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	343.68	38.36
			For Drywall Or Plaster Ceilings, Add	25.89	
26 51 16 00-0085	EA		2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	417.69	38.36
			For Drywall Or Plaster Ceilings, Add	25.89	
26 51 16 00-0086 2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>					
26 51 16 00-0087	EA		2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	347.39	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0088	EA		3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	422.10	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	
26 51 16 00-0089	EA		1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	448.32	44.69
			For Drywall Or Plaster Ceilings, Add	30.21	

26	26 Electrical
	26 50 Lighting
	26 51 Interior Lighting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	491.73 30.21	44.69
26 51 16 00-0091		Volumetric, Recessed Fluorescent Fixtures (26 51 16 00-0038)		
26 51 16 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures (26 51 16 00-0091)		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	301.98 23.74	34.81
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	392.01 23.74	34.81
26 51 16 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures (26 51 16 00-0091)		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	303.17 25.89	38.36
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	343.43 25.89	38.36
26 51 16 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures (26 51 16 00-0091)		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	337.64 30.21	44.69
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture..... <i>For Drywall Or Plaster Ceilings, Add</i>	338.31 30.21	44.69
26 51 16 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0038)		
26 51 16 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0101)		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	283.35 23.74	34.81
26 51 16 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0101)		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	275.75 25.89	38.36
26 51 16 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0101)		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	330.37 30.21	44.69
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	374.11 30.21	44.69
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	374.99 30.21	44.69
26 51 16 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0038)		
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0110)		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	271.12 23.74	34.81
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0110)		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	275.46 25.89	38.36
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 16 00-0110)		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	337.23 30.21	44.69
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	342.76 30.21	44.69
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	350.98 30.21	44.69
26 51 16 00-0119		Striplight Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures (26 51 16 00-0119)		
26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	126.75	28.77
26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	150.81	28.77
26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	150.92	31.93
26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	154.95	35.10
26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	187.79	41.57

**Electrical 26****Lighting 26 50****Interior Lighting 26 51**

26

MINOR	DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST

26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures (26 51 16 00-0119)		
26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	153.59	31.93
26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	159.64	35.10
26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	162.89	38.36
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures (26 51 16 00-0119)		
26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	213.87	31.93
26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	209.94	35.10
26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	212.43	38.36
26 51 16 00-0134		Display Case Fluorescent Fixtures (26 51 16 00-0119)		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	97.32	31.50
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W).....	120.76	31.50
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W).....	130.91	36.74
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W).....	133.40	36.74
26 51 16 00-0139		Industrial Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 16 00-0139)		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	173.33	28.77
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	185.36	35.10
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	324.87	44.69
26 51 16 00-0144	EA	96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp..... Note: With electronic ballast.	151.57	44.69
26 51 16 00-0145		2 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 16 00-0139)		
26 51 16 00-0146	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	181.42	31.93
26 51 16 00-0147	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	193.31	38.36
26 51 16 00-0148	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	331.17	44.69
26 51 16 00-0149	EA	48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp..... Note: With electronic ballast.	148.55	38.36
26 51 16 00-0150	EA	96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp..... Note: With electronic ballast.	180.90	44.69
26 51 16 00-0151		3 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 16 00-0139)		
26 51 16 00-0152	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture.....	188.69	31.93
26 51 16 00-0153	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture.....	199.44	38.36
26 51 16 00-0154	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture.....	292.41	44.69
26 51 16 00-0155		4 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 16 00-0139)		
26 51 16 00-0156	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture.....	263.41	38.36
26 51 16 00-0157	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture.....	378.22	44.69
26 51 16 00-0158		Flanged Fluorescent Fixture (26 51 16 00-0001)		
		Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0159	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture.....	261.89	57.54
26 51 16 00-0160	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture.....	304.79	57.54
26 51 16 00-0161	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture.....	307.94	57.54
26 51 16 00-0162		Undercabinet Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0163	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	98.28	25.89
26 51 16 00-0164	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	115.51	31.64
26 51 16 00-0165	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	114.00	31.64
26 51 16 00-0166	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	135.08	34.52
26 51 16 00-0167	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	157.14	40.27
26 51 16 00-0168		Corner Mounted, Fluorescent Fixtures (26 51 16 00-0001)		
		Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0169		2' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0170	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture.....	162.07	28.77
26 51 16 00-0171	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture.....	179.24	28.77
26 51 16 00-0172		3' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0173	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture.....	183.70	30.21
26 51 16 00-0174	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture.....	200.09	30.21
26 51 16 00-0175		4' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0168)		
26 51 16 00-0176	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture.....	181.15	31.64
26 51 16 00-0177	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture.....	197.41	31.64

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 51 16 00-0178		Wall Bracket, Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0179		Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0178)</small> Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0180		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0179)</small>		
26 51 16 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	249.32	48.30
26 51 16 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	252.13	48.30
26 51 16 00-0183		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0179)</small>		
26 51 16 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	339.03	48.30
26 51 16 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	342.96	48.30
26 51 16 00-0186		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0179)</small>		
26 51 16 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	354.34	48.30
26 51 16 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	357.15	48.30
26 51 16 00-0189		Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0178)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0190		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0189)</small>		
26 51 16 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	410.34	48.30
26 51 16 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	413.15	48.30
26 51 16 00-0193		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0189)</small>		
26 51 16 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	325.95	48.30
26 51 16 00-0195	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	329.87	48.30
26 51 16 00-0196		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0189)</small>		
26 51 16 00-0197	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	373.77	48.30
26 51 16 00-0198	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	376.58	48.30
26 51 16 00-0199		Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0178)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0200		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0199)</small>		
26 51 16 00-0201	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	236.28	48.30
26 51 16 00-0202	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	239.08	48.30
26 51 16 00-0203		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0199)</small>		
26 51 16 00-0204	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	237.39	48.30
26 51 16 00-0205	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	241.31	48.30
26 51 16 00-0206		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0199)</small>		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	226.28	48.30
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	229.08	48.30
26 51 16 00-0209		Low Occupancy, Industrial Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0210	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	324.58	35.10
26 51 16 00-0211	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	329.37	38.36
26 51 16 00-0212		Surface Mounted, Fluorescent Fixtures, Architectural <small>(26 51 16 00-0001)</small>		
26 51 16 00-0213		8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixtures <small>(26 51 16 00-0212)</small>		
26 51 16 00-0214	EA	8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp Note: With electronic ballast.	293.07	35.10
26 51 16 00-0215		Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0001)</small> Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.		
26 51 16 00-0216		6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0217	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	157.85	30.01
26 51 16 00-0218	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	185.47	30.01
26 51 16 00-0219		6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0220	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	169.47	31.26
26 51 16 00-0221	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	199.12	31.26

MINOR	DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 16 00-0222		8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0215)		
26 51 16 00-0223	EA	8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	228.15	48.30
26 51 16 00-0224	EA	8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	237.98	48.30
26 51 16 00-0225		8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0215)		
26 51 16 00-0226	EA	8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	257.63	48.30
26 51 16 00-0227	EA	8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	266.05	48.30
26 51 16 00-0228	EA	8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	277.27	48.30
26 51 16 00-0229		1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures (26 51 16 00-0215)		
26 51 16 00-0230	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	191.11	33.18
26 51 16 00-0231	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	224.31	33.18
26 51 16 00-0232	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	240.04	33.18
26 51 16 00-0233		1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures (26 51 16 00-0215)		
26 51 16 00-0234	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	204.49	35.10
26 51 16 00-0235	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	239.96	35.10
26 51 16 00-0236	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	256.50	35.10
26 51 16 00-0237		Ceiling Mounted Fluorescent Fixtures (26 51 16)		
26 51 16 00-0238		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures (26 51 16 00-0237)		
26 51 16 00-0239		Glass Globe, Compact Fluorescent/Incandescent Fixtures (26 51 16 00-0237)		
26 51 16 00-0240	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	112.39	41.99
26 51 16 00-0241	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture.....	129.28	41.99
26 51 16 00-0242		Ceiling Mounted, Circline Fluorescent Fixtures (26 51 16 00-0237)		
26 51 16 00-0243		Exposed Lamps, Circline Fluorescent Fixtures (26 51 16 00-0242)		
26 51 16 00-0244	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture.....	98.87	41.99
26 51 16 00-0245	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	106.51	41.99
26 51 16 00-0246		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures (26 51 16 00-0242)		
26 51 16 00-0247	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	134.78	41.99
26 51 16 00-0248	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	181.29	41.99
26 51 16 00-0249	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	213.52	41.99
26 51 16 00-0250	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	149.85	41.99
26 51 16 00-0251	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	182.25	41.99
26 51 16 00-0252	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	213.52	41.99
26 51 16 00-0253		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures (26 51 16 00-0237)		
26 51 16 00-0254		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures (26 51 16 00-0253)		
26 51 16 00-0255	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	137.72	41.99
26 51 16 00-0256	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	170.23	41.99
26 51 16 00-0257	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	199.18	41.99
26 51 16 00-0258	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	114.52	41.99
26 51 16 00-0259	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	132.27	41.99
26 51 16 00-0260	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	165.88	41.99
26 51 16 00-0261		Pendant Mounted, Compact Fluorescent/Incandescent Downlights (26 51 16 00-0237)		
26 51 16 00-0262		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights (26 51 16 00-0261)		
26 51 16 00-0263	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight.....	196.49	34.50
26 51 16 00-0264		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle (26 51 16 00-0261)		
26 51 16 00-0265	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	222.21	34.50
26 51 16 00-0266	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	305.19	34.50
26 51 16 00-0267		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures (26 51 16 00-0237)		
26 51 16 00-0268	EA	1 T5HO Lamp, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	192.78	34.50
26 51 16 00-0269	EA	2 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	204.36	34.50
26 51 16 00-0270	EA	3 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	241.92	34.50
26 51 16 00-0271	EA	2 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	250.41	34.50
26 51 16 00-0272	EA	4 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	297.20	34.50
26 51 16 00-0273	EA	6 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	352.25	34.50

MINOR	DESCRIPTION
CSI	UOM

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

26 51 16 00-0274	Finelite Fluorescent Fixtures <small>(26 51 16 00-0237)</small>		
26 51 16 00-0275	Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) <small>(26 51 16 00-0274)</small>		
26 51 16 00-0276	EA 1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	321.11	48.93
26 51 16 00-0277	EA 2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	319.14	48.93
26 51 16 00-0278	EA 3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	342.76	48.93
26 51 16 00-0279	EA 1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	383.85	48.93
26 51 16 00-0280	EA 2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	419.05	48.93
26 51 16 00-0281	EA 3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	510.52	48.93
26 51 16 00-0282	EA 2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	449.15	51.02
26 51 16 00-0283	EA 4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	460.56	51.02
26 51 16 00-0284	EA 6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	507.79	51.02
26 51 16 00-0285	EA 2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	492.77	51.02
26 51 16 00-0286	EA 4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	614.32	51.02
26 51 16 00-0287	EA 6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	720.53	51.02
26 51 16 00-0288	EA 3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	587.41	53.12
26 51 16 00-0289	EA 6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	607.10	53.12
26 51 16 00-0290	EA 9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	667.71	53.12
26 51 16 00-0291	EA 3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	678.43	53.12
26 51 16 00-0292	EA 6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	835.18	53.12
26 51 16 00-0293	EA 9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	997.04	53.12
26 51 16 00-0294	Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) <small>(26 51 16 00-0274)</small>		
26 51 16 00-0295	EA 1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	321.83	48.93
26 51 16 00-0296	EA 1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	349.47	48.93
26 51 16 00-0297	EA 1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	349.68	48.93
26 51 16 00-0298	EA 2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	463.37	51.02
26 51 16 00-0299	EA 2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	495.93	51.02
26 51 16 00-0300	EA 2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	496.36	51.02
26 51 16 00-0301	EA 3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	604.92	53.12
26 51 16 00-0302	EA 3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	687.83	53.12
26 51 16 00-0303	EA 3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	688.47	53.12
26 51 16 00-0304	Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8) <small>(26 51 16 00-0274)</small>		
26 51 16 00-0305	EA 1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	250.53	48.93
26 51 16 00-0306	EA 2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	262.38	48.93
26 51 16 00-0307	EA 3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	306.17	48.93
26 51 16 00-0308	EA 2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	321.08	51.02
26 51 16 00-0309	EA 4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	373.83	51.02
26 51 16 00-0310	EA 6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	436.73	51.02
26 51 16 00-0311	EA 3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	435.18	53.12
26 51 16 00-0312	EA 6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	525.90	53.12
26 51 16 00-0313	EA 9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	622.43	53.12
26 51 16 00-0314	Fluorescent, Recessed Fixture housings <small>(26 51 16)</small>		
26 51 16 00-0315	EA 4" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	94.27	30.02

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

26 51 16 00-0316	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	96.95	30.02
26 51 16 00-0317	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	101.08	31.40
26 51 16 00-0318	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	106.13	32.55
26 51 16 00-0319	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	110.62	34.22
26 51 16 00-0320	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing.....	114.99	36.32
26 51 16 00-0321	Compact Fluorescent, Recessed Fixture Housings (26 51 16)			
26 51 16 00-0322	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	105.79	30.02
26 51 16 00-0323	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	108.43	30.02
26 51 16 00-0324	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	112.64	31.50
26 51 16 00-0325	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	116.17	32.86
26 51 16 00-0326	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	120.12	34.22
26 51 16 00-0327	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	124.29	36.32
26 51 16 00-0328	Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect (26 51 16)			
26 51 16 00-0329	2' x 2' Recessed Mounted Box Type Direct/Indirect (26 51 16 00-0328)			
26 51 16 00-0330	EA	2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps.....	217.15	38.36
Note: With electronic ballast.				
26 51 16 00-0331	Fluorescent Track Lighting Fixtures (26 51 16)			
26 51 16 00-0332	EA	2L 18W BX Track Fixture, Electronic Ballast	301.02	17.53
Note: White or Black Finish, 120V.				
26 51 16 00-0333	EA	2L 39W BX Track Fixture, Electronic Ballast	314.88	17.53
Note: White or Black Finish, 120V.				
26 51 16 00-0334	EA	2L 40W BX Track Fixture, Electronic Ballast	323.54	17.53
Note: White or Black Finish, 120V.				
26 51 16 00-0335	EA	2L 50W BX Track Fixture, Electronic Ballast	286.09	17.53
Note: White or Black Finish, 120V.				
26 51 16 00-0336	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast	365.78	17.53
Note: White or Black Finish, 120V.				
26 51 16 00-0337	Compact Fluorescent Track Lighting Fixtures (26 51 16)			
26 51 16 00-0338	EA	Compact Fluorescent Track Lighting Fixture	66.86	17.53
26 51 16 00-0339	Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 16)			
26 51 16 00-0340	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	166.90	41.99
26 51 16 00-0341	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	172.44	41.99
26 51 16 00-0342	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	186.16	41.99
26 51 16 00-0343	Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 16)			
26 51 16 00-0344	4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 16 00-0343)			
26 51 16 00-0345	4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) (26 51 16 00-0344)			
Note: Includes high impact acrylic molded lens.				
26 51 16 00-0346	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	203.63	44.69
For T5 Fixture Instead Of T8, Add 15.63				
26 51 16 00-0347	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	212.06	44.69
For T5 Fixture Instead Of T8, Add 16.59				
26 51 16 00-0348	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	321.06	44.69
For T5 Fixture Instead Of T8, Add 29.07				
26 51 16 00-0349	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	280.86	44.69
26 51 16 00-0350	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	440.09	44.69
26 51 16 00-0351	4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) (26 51 16 00-0344)			
Note: Includes high impact acrylic molded lens.				
26 51 16 00-0352	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	232.69	44.69
26 51 16 00-0353	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	234.90	44.69
26 51 16 00-0354	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	333.11	44.69
26 51 16 00-0355	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	280.03	44.69
26 51 16 00-0356	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	291.83	44.69
26 51 16 00-0357	8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 16 00-0343)			
Note: Includes high impact acrylic molded lens.				
26 51 16 00-0358	8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) (26 51 16 00-0357)			
Note: Includes high impact acrylic molded lens.				
26 51 16 00-0359	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	373.78	60.70
For T5 Fixture Instead Of T8, Add 32.37				
26 51 16 00-0360	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	386.86	60.70
For T5 Fixture Instead Of T8, Add 33.86				

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 16 00-0361			High Bay Fluorescent Fixtures (26 51 16)		
26 51 16 00-0362			(T8) Fluorescent, High Bay Fixtures (26 51 16 00-0361)		
26 51 16 00-0363			(T8) Fluorescent, High Bay Fixtures (Lithonia) (26 51 16 00-0362)		
			Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0364	EA		2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	340.98	97.81
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0365	EA		3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	358.95	108.36
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0366	EA		4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	406.81	123.70
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0367	EA		6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	478.84	130.32
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0368	EA		8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	517.69	136.37
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0369	EA		4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	418.56	123.70
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0370	EA		6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	434.44	130.32
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0371	EA		8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	503.66	136.37
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0372			(T5HO) Fluorescent, High Bay Fixtures (26 51 16 00-0361)		
26 51 16 00-0373			(T5HO) Fluorescent, High Bay Fixtures (Lithonia) (26 51 16 00-0372)		
			Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0374	EA		2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	346.87	97.81
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0375	EA		3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	366.19	108.36
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0376	EA		4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	417.57	123.70
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0377	EA		6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	497.90	130.32
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0378	EA		4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	453.40	123.70
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0379	EA		6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	501.55	130.32
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	
26 51 16 00-0380	EA		8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	596.42	136.37
			For Wire Guard, Add	40.50	
			For Polycarbonate Lens, Add	47.75	
			For Acrylic Lens, Add	54.00	

26 51 19 LED Interior Lighting (26 51)

26 51 19 00-0001 LED Fixtures (26 51 19)

26 51 19 00-0002 Undercabinet LED Fixtures (26 51 19 00-0001)

26 51 19 00-0003	EA		12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	151.66	25.89
			For >50 To 100, Deduct	-4.87	
			For >100 To 250, Deduct	-8.66	
			For >250 To 500, Deduct	-15.17	
			For >500, Deduct	-21.67	
26 51 19 00-0004	EA		18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	193.49	31.64
			For >50 To 100, Deduct	-6.16	
			For >100 To 250, Deduct	-10.99	
			For >250 To 500, Deduct	-19.35	
			For >500, Deduct	-27.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0005	EA	24"	Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	217.59 -6.76 -12.20 -21.76 -31.32	31.64
26 51 19 00-0006	EA	24"	HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	108.41 -3.79 -6.50 -10.84 -15.18	25.89
26 51 19 00-0007	Surface Mount Linear/Striplight LED Fixtures (26 51 19 00-0007)				
26 51 19 00-0008	Striplight LED Fixtures (Lithonia ZL) (26 51 19 00-0007)				
26 51 19 00-0009	EA	3,000 Lumens, 2'	Length, LED Striplight Fixture (Lithonia ZL1) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	309.17 -8.81 -16.54 -30.92 -45.30	28.77
26 51 19 00-0010	EA	2,800 Lumens, 4'	Length, LED Striplight Fixture (Lithonia ZL1) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	318.76 -9.29 -17.26 -31.88 -46.50	35.10
26 51 19 00-0011	EA	1,400 Lumens, 2'	Length, Lensed LED Striplight Fixture (Lithonia ZL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	255.61 -7.47 -13.86 -25.56 -37.26	28.77
26 51 19 00-0012	EA	2,300 Lumens, 4'	Length, Lensed LED Striplight Fixture (Lithonia ZL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	265.20 -7.95 -14.58 -26.52 -38.46	35.10
26 51 19 00-0013	EA	4,600 Lumens, 4'	Length, Lensed LED Striplight Fixture (Lithonia ZL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	339.20 -9.80 -18.28 -33.92 -49.56	35.10
26 51 19 00-0014	Striplight LED Fixtures (Mobern) (26 51 19 00-0007)				
26 51 19 00-0015	EA	1,100 Lumens, 12 Watt, 2'	Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	141.36 -4.61 -8.15 -14.14 -20.13	28.77
26 51 19 00-0016	Striplight LED Fixtures (Eaton) (26 51 19 00-0007)				
26 51 19 00-0017	EA	2,301 Lumens, 18 Watt, 4'	Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	179.09 -5.80 -10.27 -17.91 -25.54	35.10
26 51 19 00-0018	EA	2,382 Lumens, 16 Watt, 4'	Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	169.87 -5.57 -9.81 -16.99 -24.16	35.10
26 51 19 00-0019	EA	2,382 Lumens, 16 Watt, 4'	Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	179.09 -5.80 -10.27 -17.91 -25.54	35.10
26 51 19 00-0020	Lay-In/Troffer LED Fixtures (26 51 19 00-0001)				
26 51 19 00-0021	Prismatic Lensed, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)				
26 51 19 00-0022	Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0001)				
26 51 19 00-0023	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	359.80 31.18 -10.31 -19.31 -35.98 -52.65	34.81	
26 51 19 00-0024	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2) <i>For Drywall Or Plaster Ceilings, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	358.11 25.89 -10.39 -19.34 -35.81 -52.28	38.36	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0025	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	367.57	44.69
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	35.16	
		<i>For >50 To 100, Deduct</i>	-10.87	
		<i>For >100 To 250, Deduct</i>	-20.06	
		<i>For >250 To 500, Deduct</i>	-36.76	
		<i>For >500, Deduct</i>	-53.46	
26 51 19 00-0026		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) <small>(26 51 19 00-0021)</small>		
26 51 19 00-0027	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	510.86	34.81
		<i>For >50 To 100, Deduct</i>	-14.09	
		<i>For >100 To 250, Deduct</i>	-26.86	
		<i>For >250 To 500, Deduct</i>	-51.09	
		<i>For >500, Deduct</i>	-75.31	
26 51 19 00-0028	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	365.67	38.36
		<i>For >50 To 100, Deduct</i>	-10.58	
		<i>For >100 To 250, Deduct</i>	-19.72	
		<i>For >250 To 500, Deduct</i>	-36.57	
		<i>For >500, Deduct</i>	-53.41	
26 51 19 00-0029	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	473.95	44.69
		<i>For >50 To 100, Deduct</i>	-13.53	
		<i>For >100 To 250, Deduct</i>	-25.38	
		<i>For >250 To 500, Deduct</i>	-47.40	
		<i>For >500, Deduct</i>	-69.41	
26 51 19 00-0030		Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) <small>(26 51 19 00-0021)</small>		
26 51 19 00-0031	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	247.18	38.36
		<i>For >50 To 100, Deduct</i>	-7.62	
		<i>For >100 To 250, Deduct</i>	-13.80	
		<i>For >250 To 500, Deduct</i>	-24.72	
		<i>For >500, Deduct</i>	-35.64	
26 51 19 00-0032	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	271.65	38.36
		<i>For >50 To 100, Deduct</i>	-8.23	
		<i>For >100 To 250, Deduct</i>	-15.02	
		<i>For >250 To 500, Deduct</i>	-27.17	
		<i>For >500, Deduct</i>	-39.31	
26 51 19 00-0033	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	233.72	38.36
		<i>For >50 To 100, Deduct</i>	-7.28	
		<i>For >100 To 250, Deduct</i>	-13.12	
		<i>For >250 To 500, Deduct</i>	-23.37	
		<i>For >500, Deduct</i>	-33.62	
26 51 19 00-0034	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	233.72	38.36
		<i>For >50 To 100, Deduct</i>	-7.28	
		<i>For >100 To 250, Deduct</i>	-13.12	
		<i>For >250 To 500, Deduct</i>	-23.37	
		<i>For >500, Deduct</i>	-33.62	
26 51 19 00-0035	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	249.62	38.36
		<i>For >50 To 100, Deduct</i>	-7.68	
		<i>For >100 To 250, Deduct</i>	-13.92	
		<i>For >250 To 500, Deduct</i>	-24.96	
		<i>For >500, Deduct</i>	-36.00	
26 51 19 00-0036		Volumetric, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0020)</small>		
26 51 19 00-0037		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 19 00-0036)</small>		
26 51 19 00-0038	EA	1' x 4', 2,500 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	464.52	34.81
		<i>For Drywall Or Plaster Ceilings, Add</i>	23.74	
		<i>For >50 To 100, Deduct</i>	-12.93	
		<i>For >100 To 250, Deduct</i>	-24.54	
		<i>For >250 To 500, Deduct</i>	-46.45	
		<i>For >500, Deduct</i>	-68.36	
26 51 19 00-0039	EA	2' x 2', 2,400 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	404.22	38.36
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	34.60	
		<i>For >50 To 100, Deduct</i>	-11.54	
		<i>For >100 To 250, Deduct</i>	-21.65	
		<i>For >250 To 500, Deduct</i>	-40.42	
		<i>For >500, Deduct</i>	-59.19	
26 51 19 00-0040	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	412.52	38.36
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	35.01	
		<i>For >50 To 100, Deduct</i>	-11.75	
		<i>For >100 To 250, Deduct</i>	-22.06	
		<i>For >250 To 500, Deduct</i>	-41.25	
		<i>For >500, Deduct</i>	-60.44	
26 51 19 00-0041	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	412.52	38.36
		<i>For >50 To 100, Deduct</i>	-11.75	
		<i>For >100 To 250, Deduct</i>	-22.06	
		<i>For >250 To 500, Deduct</i>	-41.25	
		<i>For >500, Deduct</i>	-60.44	
26 51 19 00-0042	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	450.51	44.69
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	39.31	
		<i>For >50 To 100, Deduct</i>	-12.94	
		<i>For >100 To 250, Deduct</i>	-24.20	
		<i>For >250 To 500, Deduct</i>	-45.05	
		<i>For >500, Deduct</i>	-65.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0043	EA		2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	478.90 40.73 -13.65 -25.62 -47.89 -70.16	44.69
26 51 19 00-0044	EA		2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	318.52 32.71 -9.64 -17.60 -31.85 -46.10	44.69
26 51 19 00-0045 Architectural, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0020)</small>					
26 51 19 00-0046 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 19 00-0045)</small> Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.					
26 51 19 00-0047	EA		2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	406.06 37.09 -11.83 -21.98 -40.61 -59.23	44.69
26 51 19 00-0048	EA		4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	481.57 40.86 -13.72 -25.76 -48.16 -70.56	44.69
26 51 19 00-0049	EA		6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)..... <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	549.52 44.26 -15.42 -29.15 -54.95 -80.75	44.69
26 51 19 00-0050 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) <small>(26 51 19 00-0045)</small> Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.					
26 51 19 00-0051	EA		1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	332.37 3.41 113.43 176.70 -9.99 -18.30 -33.24 -48.18	44.69
26 51 19 00-0052	EA		1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	357.95 3.41 113.43 176.70 -10.63 -19.58 -35.80 -52.01	44.69
26 51 19 00-0053	EA		1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	357.95 3.41 113.43 176.70 -10.63 -19.58 -35.80 -52.01	44.69
26 51 19 00-0054	EA		1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	395.73 3.41 113.43 176.70 -11.57 -21.46 -39.57 -57.68	44.69
26 51 19 00-0055	EA		2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	308.30 3.41 98.97 166.25 -9.15 -16.85 -30.83 -44.81	38.36
26 51 19 00-0056	EA		2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K <i>For Expanded Size Junction Box For Through Wiring, Add</i> <i>For Drywall Or Plaster Ceilings, Add</i> <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	291.10 3.41 98.97 166.25 -8.72 -15.99 -29.11 -42.23	38.36

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0057	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)	346.56	44.69
		Note: CCT 30K to 50K		
		<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.41	
		<i>For Drywall Or Plaster Ceilings, Add</i>	115.87	
		<i>For Surface Mount, Add</i>	192.54	
		<i>For >50 To 100, Deduct</i>	-10.34	
		<i>For >100 To 250, Deduct</i>	-19.01	
		<i>For >250 To 500, Deduct</i>	-34.66	
		<i>For >500, Deduct</i>	-50.31	
26 51 19 00-0058	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)	357.95	44.69
		Note: CCT 30K to 50K		
		<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.41	
		<i>For Drywall Or Plaster Ceilings, Add</i>	115.87	
		<i>For Surface Mount, Add</i>	192.54	
		<i>For >50 To 100, Deduct</i>	-10.63	
		<i>For >100 To 250, Deduct</i>	-19.58	
		<i>For >250 To 500, Deduct</i>	-35.80	
		<i>For >500, Deduct</i>	-52.01	
26 51 19 00-0059	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)	357.95	44.69
		Note: CCT 30K to 50K		
		<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.41	
		<i>For Drywall Or Plaster Ceilings, Add</i>	115.87	
		<i>For Surface Mount, Add</i>	192.54	
		<i>For >50 To 100, Deduct</i>	-10.63	
		<i>For >100 To 250, Deduct</i>	-19.58	
		<i>For >250 To 500, Deduct</i>	-35.80	
		<i>For >500, Deduct</i>	-52.01	
26 51 19 00-0060	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™)	454.21	44.69
		Note: CCT 30K to 50K		
		<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.41	
		<i>For Drywall Or Plaster Ceilings, Add</i>	115.87	
		<i>For Surface Mount, Add</i>	192.54	
		<i>For >50 To 100, Deduct</i>	-13.03	
		<i>For >100 To 250, Deduct</i>	-24.39	
		<i>For >250 To 500, Deduct</i>	-45.42	
		<i>For >500, Deduct</i>	-66.45	
26 51 19 00-0061	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)	395.73	44.69
		Note: CCT 30K to 50K		
		<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.41	
		<i>For Drywall Or Plaster Ceilings, Add</i>	115.87	
		<i>For Surface Mount, Add</i>	192.54	
		<i>For >50 To 100, Deduct</i>	-11.57	
		<i>For >100 To 250, Deduct</i>	-21.46	
		<i>For >250 To 500, Deduct</i>	-39.57	
		<i>For >500, Deduct</i>	-57.68	
26 51 19 00-0062		Architectural, Lay-In/Troffer LED Fixtures (Metalux®) (26 51 19 00-0045)		
		Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0063	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	299.46	38.36
		<i>For >50 To 100, Deduct</i>	-8.93	
		<i>For >100 To 250, Deduct</i>	-16.41	
		<i>For >250 To 500, Deduct</i>	-29.95	
		<i>For >500, Deduct</i>	-43.48	
26 51 19 00-0064	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	400.33	44.69
		<i>For >50 To 100, Deduct</i>	-11.69	
		<i>For >100 To 250, Deduct</i>	-21.69	
		<i>For >250 To 500, Deduct</i>	-40.03	
		<i>For >500, Deduct</i>	-58.37	
26 51 19 00-0065		Architectural, Lay-In/Troffer LED Fixtures (Finelite) (26 51 19 00-0045)		
		Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0066	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	247.69	38.36
		<i>For >50 To 100, Deduct</i>	-7.63	
		<i>For >100 To 250, Deduct</i>	-13.82	
		<i>For >250 To 500, Deduct</i>	-24.77	
		<i>For >500, Deduct</i>	-35.72	
26 51 19 00-0067	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	332.43	45.07
		<i>For >50 To 100, Deduct</i>	-9.99	
		<i>For >100 To 250, Deduct</i>	-18.30	
		<i>For >250 To 500, Deduct</i>	-33.24	
		<i>For >500, Deduct</i>	-48.19	
26 51 19 00-0068		Shadow Box Style, Lay-In/Troffer LED Fixtures (26 51 19 00-0020)		
26 51 19 00-0069		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) (26 51 19 00-0068)		
26 51 19 00-0070	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2).....	382.35	38.36
		<i>For Drywall Or Plaster Ceilings, Add</i>	25.89	
		<i>For >50 To 100, Deduct</i>	-11.00	
		<i>For >100 To 250, Deduct</i>	-20.56	
		<i>For >250 To 500, Deduct</i>	-38.24	
		<i>For >500, Deduct</i>	-55.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0071	EA	2' x 4'	4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)..... <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	518.11 42.69 -14.63 -27.58 -51.81 -76.04	44.69
26 51 19 00-0072			Panel Type, Lay-In/Troffer LED Fixtures (26 51 19 00-0072)		
26 51 19 00-0073			Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) (26 51 19 00-0072)		
26 51 19 00-0074	EA	1' x 4'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	269.73 -8.42 -15.16 -26.97 -38.78	44.69
26 51 19 00-0075	EA	2' x 2'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	279.43 -8.66 -15.65 -27.94 -40.24	44.69
26 51 19 00-0076	EA	2' x 4'	4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	343.73 -10.27 -18.86 -34.37 -49.88	44.69
26 51 19 00-0077	EA	2' x 4'	5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	343.73 -10.27 -18.86 -34.37 -49.88	44.69
26 51 19 00-0078			Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) (26 51 19 00-0072)		
26 51 19 00-0079	EA	1' x 4'	3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)..... <i>For Surface Mounting Kit (Sylvania SMK1T1A/14A/WH), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	152.48 31.88 -5.49 -9.30 -15.25 -21.19	44.69
26 51 19 00-0080	EA	2' x 2'	3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	156.64 -5.59 -9.51 -15.66 -21.82	44.69
26 51 19 00-0081	EA	2' x 4'	3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)..... <i>For Surface Mounting Kit (Sylvania SMK1T1A/24A/WH)</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	158.54 39.86 -5.64 -9.61 -15.85 -22.10	44.69
26 51 19 00-0082	EA	2' x 4'	3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMK1T1A/24A/WH)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	338.16 -10.13 -18.59 -33.82 -49.05	44.69
26 51 19 00-0083			Surface Mount LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0084			Surface Mount, Volumetric LED Fixtures (Lithonia STL) (26 51 19 00-0083)		
26 51 19 00-0085	EA	2' Length	2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	359.44 -10.07 -19.05 -35.94 -52.84	28.77
26 51 19 00-0086	EA	4' Length	3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	297.95 -8.77 -16.22 -29.80 -43.37	35.10
26 51 19 00-0087	EA	4' Length	4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	361.09 -10.35 -19.37 -36.11 -52.84	35.10
26 51 19 00-0088			Surface Mount, Wraparound LED Fixtures (Lithonia LBL) (26 51 19 00-0083)		
26 51 19 00-0089	EA	2' Length	2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	171.48 -5.37 -9.65 -17.15 -24.64	28.77
26 51 19 00-0090	EA	4' Length	4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	223.92 -6.92 -12.51 -22.39 -32.27	35.10

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0091			Surface Mount, Shadow Box Style LED Fixtures (26 51 19 00-0083)		
26 51 19 00-0092			Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) (26 51 19 00-0091)		
26 51 19 00-0093	EA		2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2).....	485.47	38.36
			For >50 To 100, Deduct	-13.58	
			For >100 To 250, Deduct	-25.71	
			For >250 To 500, Deduct	-48.55	
			For >500, Deduct	-71.38	
26 51 19 00-0094	EA		2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4).....	621.23	44.69
			For >50 To 100, Deduct	-17.21	
			For >100 To 250, Deduct	-32.74	
			For >250 To 500, Deduct	-62.12	
			For >500, Deduct	-91.51	
26 51 19 00-0095			Surface Mount, Low Profile Fixtures (26 51 19 00-0083)		
26 51 19 00-0096	EA		6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90).....	78.91	26.28
			For >50 To 100, Deduct	-3.29	
			For >100 To 250, Deduct	-5.26	
			For >250 To 500, Deduct	-7.89	
			For >500, Deduct	-10.52	
26 51 19 00-0097	EA		6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569).....	67.47	26.28
			For >50 To 100, Deduct	-3.00	
			For >100 To 250, Deduct	-4.69	
			For >250 To 500, Deduct	-6.75	
			For >500, Deduct	-8.81	
26 51 19 00-0098	EA		13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329).....	102.93	26.28
			For >50 To 100, Deduct	-3.89	
			For >100 To 250, Deduct	-6.46	
			For >250 To 500, Deduct	-10.29	
			For >500, Deduct	-14.13	
26 51 19 00-0099	EA		15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330).....	121.24	26.28
			For >50 To 100, Deduct	-4.35	
			For >100 To 250, Deduct	-7.38	
			For >250 To 500, Deduct	-12.12	
			For >500, Deduct	-16.87	
26 51 19 00-0100			Recessed LED Downlights (26 51 19 00-0001)		
26 51 19 00-0101			Recessed LED Downlights (26 51 19 00-0100)		
26 51 19 00-0102			Recessed LED Downlights (Lithonia) (26 51 19 00-0101)		
			Note: Includes housing and trim.		
26 51 19 00-0103	EA		8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	405.20	46.19
			For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	89.98	
			For >50 To 100, Deduct	-11.86	
			For >100 To 250, Deduct	-21.99	
			For >250 To 500, Deduct	-40.52	
			For >500, Deduct	-59.05	
26 51 19 00-0104	EA		8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	442.95	46.19
			For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	89.98	
			For >50 To 100, Deduct	-12.81	
			For >100 To 250, Deduct	-23.88	
			For >250 To 500, Deduct	-44.30	
			For >500, Deduct	-64.71	
26 51 19 00-0105			Recessed LED Downlights (Portfolio®) (26 51 19 00-0101)		
			Note: Includes housing and trim.		
26 51 19 00-0106	EA		4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413).....	244.62	46.19
			For >50 To 100, Deduct	-7.85	
			For >100 To 250, Deduct	-13.96	
			For >250 To 500, Deduct	-24.46	
			For >500, Deduct	-34.96	
26 51 19 00-0107			Recessed LED Downlights (Gotham® EVO®) (26 51 19 00-0101)		
			Note: Includes housing and trim.		
26 51 19 00-0108	EA		6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED).....	427.28	46.19
			For >50 To 100, Deduct	-12.41	
			For >100 To 250, Deduct	-23.10	
			For >250 To 500, Deduct	-42.73	
			For >500, Deduct	-62.36	
26 51 19 00-0109	EA		6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	443.80	46.19
			For >50 To 100, Deduct	-12.83	
			For >100 To 250, Deduct	-23.92	
			For >250 To 500, Deduct	-44.38	
			For >500, Deduct	-64.84	
26 51 19 00-0110	EA		6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED).....	511.56	46.19
			For >50 To 100, Deduct	-14.52	
			For >100 To 250, Deduct	-27.31	
			For >250 To 500, Deduct	-51.16	
			For >500, Deduct	-75.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0111	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....		518.18	46.19
		<i>For >50 To 100, Deduct</i>		-14.69	
		<i>For >100 To 250, Deduct</i>		-27.64	
		<i>For >250 To 500, Deduct</i>		-51.82	
		<i>For >500, Deduct</i>		-75.99	
26 51 19 00-0112	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)		576.01	46.19
		<i>For >50 To 100, Deduct</i>		-16.13	
		<i>For >100 To 250, Deduct</i>		-30.53	
		<i>For >250 To 500, Deduct</i>		-57.60	
		<i>For >500, Deduct</i>		-84.67	

26 51 19 00-0113 Recessed LED Downlights (Lightolier) (26 51 19 00-0101)
Note: Includes housing and trim.

26 51 19 00-0114	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL).....		371.39	46.19
		<i>For >50 To 100, Deduct</i>		-11.02	
		<i>For >100 To 250, Deduct</i>		-20.30	
		<i>For >250 To 500, Deduct</i>		-37.14	
		<i>For >500, Deduct</i>		-53.98	
26 51 19 00-0115	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL).....		431.96	46.19
		<i>For >50 To 100, Deduct</i>		-12.53	
		<i>For >100 To 250, Deduct</i>		-23.33	
		<i>For >250 To 500, Deduct</i>		-43.20	
		<i>For >500, Deduct</i>		-63.06	
26 51 19 00-0116	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....		462.18	46.19
		<i>For >50 To 100, Deduct</i>		-13.29	
		<i>For >100 To 250, Deduct</i>		-24.84	
		<i>For >250 To 500, Deduct</i>		-46.22	
		<i>For >500, Deduct</i>		-67.59	
26 51 19 00-0117	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....		462.18	46.19
		<i>For >50 To 100, Deduct</i>		-13.29	
		<i>For >100 To 250, Deduct</i>		-24.84	
		<i>For >250 To 500, Deduct</i>		-46.22	
		<i>For >500, Deduct</i>		-67.59	
26 51 19 00-0118	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....		477.36	46.19
		<i>For >50 To 100, Deduct</i>		-13.67	
		<i>For >100 To 250, Deduct</i>		-25.60	
		<i>For >250 To 500, Deduct</i>		-47.74	
		<i>For >500, Deduct</i>		-69.87	
26 51 19 00-0119	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....		492.55	46.19
		<i>For >50 To 100, Deduct</i>		-14.05	
		<i>For >100 To 250, Deduct</i>		-26.36	
		<i>For >250 To 500, Deduct</i>		-49.26	
		<i>For >500, Deduct</i>		-72.15	

26 51 19 00-0120 Recessed LED Downlights (Cooper) (26 51 19 00-0101)

26 51 19 00-0121	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)		137.27	46.19
		<i>For >50 To 100, Deduct</i>		-5.16	
		<i>For >100 To 250, Deduct</i>		-8.60	
		<i>For >250 To 500, Deduct</i>		-13.73	
		<i>For >500, Deduct</i>		-18.86	
26 51 19 00-0122	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)		137.27	46.19
		<i>For >50 To 100, Deduct</i>		-5.16	
		<i>For >100 To 250, Deduct</i>		-8.60	
		<i>For >250 To 500, Deduct</i>		-13.73	
		<i>For >500, Deduct</i>		-18.86	
26 51 19 00-0123	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)		137.27	46.19
		<i>For >50 To 100, Deduct</i>		-5.16	
		<i>For >100 To 250, Deduct</i>		-8.60	
		<i>For >250 To 500, Deduct</i>		-13.73	
		<i>For >500, Deduct</i>		-18.86	
26 51 19 00-0124	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)		137.27	46.19
		<i>For >50 To 100, Deduct</i>		-5.16	
		<i>For >100 To 250, Deduct</i>		-8.60	
		<i>For >250 To 500, Deduct</i>		-13.73	
		<i>For >500, Deduct</i>		-18.86	
26 51 19 00-0125	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)		139.80	46.19
		<i>For >50 To 100, Deduct</i>		-5.23	
		<i>For >100 To 250, Deduct</i>		-8.72	
		<i>For >250 To 500, Deduct</i>		-13.98	
		<i>For >500, Deduct</i>		-19.24	
26 51 19 00-0126	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)		139.80	46.19
		<i>For >50 To 100, Deduct</i>		-5.23	
		<i>For >100 To 250, Deduct</i>		-8.72	
		<i>For >250 To 500, Deduct</i>		-13.98	
		<i>For >500, Deduct</i>		-19.24	
26 51 19 00-0127	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)		139.80	46.19
		<i>For >50 To 100, Deduct</i>		-5.23	
		<i>For >100 To 250, Deduct</i>		-8.72	
		<i>For >250 To 500, Deduct</i>		-13.98	
		<i>For >500, Deduct</i>		-19.24	
26 51 19 00-0128	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)		139.80	46.19
		<i>For >50 To 100, Deduct</i>		-5.23	
		<i>For >100 To 250, Deduct</i>		-8.72	
		<i>For >250 To 500, Deduct</i>		-13.98	
		<i>For >500, Deduct</i>		-19.24	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0129	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827).....	174.13	46.19
			<i>For >50 To 100, Deduct</i>	-6.09	
			<i>For >100 To 250, Deduct</i>	-10.44	
			<i>For >250 To 500, Deduct</i>	-17.41	
			<i>For >500, Deduct</i>	-24.39	
26 51	19 00-0130	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830).....	172.38	46.19
			<i>For >50 To 100, Deduct</i>	-6.04	
			<i>For >100 To 250, Deduct</i>	-10.35	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.12	
26 51	19 00-0131	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835).....	172.38	46.19
			<i>For >50 To 100, Deduct</i>	-6.04	
			<i>For >100 To 250, Deduct</i>	-10.35	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.12	
26 51	19 00-0132	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840).....	172.38	46.19
			<i>For >50 To 100, Deduct</i>	-6.04	
			<i>For >100 To 250, Deduct</i>	-10.35	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.12	
26 51	19 00-0133	EA	5" LED Trim, Polymer "Dead-Front", Shallow White Baffle And Flange (Cooper Halo 591WB).....	83.13	14.70
			<i>For >50 To 100, Deduct</i>	-2.63	
			<i>For >100 To 250, Deduct</i>	-4.71	
			<i>For >250 To 500, Deduct</i>	-8.31	
			<i>For >500, Deduct</i>	-11.92	
26 51	19 00-0134	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC).....	51.71	14.70
			<i>For >50 To 100, Deduct</i>	-1.84	
			<i>For >100 To 250, Deduct</i>	-3.14	
			<i>For >250 To 500, Deduct</i>	-5.17	
			<i>For >500, Deduct</i>	-7.21	
26 51	19 00-0135	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H).....	65.23	14.70
			<i>For >50 To 100, Deduct</i>	-2.18	
			<i>For >100 To 250, Deduct</i>	-3.81	
			<i>For >250 To 500, Deduct</i>	-6.52	
			<i>For >500, Deduct</i>	-9.23	
26 51	19 00-0136	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W).....	54.43	14.70
			<i>For >50 To 100, Deduct</i>	-1.91	
			<i>For >100 To 250, Deduct</i>	-3.27	
			<i>For >250 To 500, Deduct</i>	-5.44	
			<i>For >500, Deduct</i>	-7.61	
26 51	19 00-0137	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB).....	43.38	14.70
			<i>For >50 To 100, Deduct</i>	-1.64	
			<i>For >100 To 250, Deduct</i>	-2.72	
			<i>For >250 To 500, Deduct</i>	-4.34	
			<i>For >500, Deduct</i>	-5.96	
26 51	19 00-0138	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB).....	53.95	14.70
			<i>For >50 To 100, Deduct</i>	-1.90	
			<i>For >100 To 250, Deduct</i>	-3.25	
			<i>For >250 To 500, Deduct</i>	-5.40	
			<i>For >500, Deduct</i>	-7.54	
26 51	19 00-0139	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB).....	60.38	14.70
			<i>For >50 To 100, Deduct</i>	-2.06	
			<i>For >100 To 250, Deduct</i>	-3.57	
			<i>For >250 To 500, Deduct</i>	-6.04	
			<i>For >500, Deduct</i>	-8.51	
26 51	19 00-0140	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB).....	66.11	14.70
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100 To 250, Deduct</i>	-3.86	
			<i>For >250 To 500, Deduct</i>	-6.61	
			<i>For >500, Deduct</i>	-9.37	
26 51	19 00-0141	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB).....	77.31	14.70
			<i>For >50 To 100, Deduct</i>	-2.48	
			<i>For >100 To 250, Deduct</i>	-4.42	
			<i>For >250 To 500, Deduct</i>	-7.73	
			<i>For >500, Deduct</i>	-11.05	
26 51	19 00-0142	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB).....	77.67	14.70
			<i>For >50 To 100, Deduct</i>	-2.49	
			<i>For >100 To 250, Deduct</i>	-4.43	
			<i>For >250 To 500, Deduct</i>	-7.77	
			<i>For >500, Deduct</i>	-11.10	
26 51	19 00-0143	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB).....	76.06	14.70
			<i>For >50 To 100, Deduct</i>	-2.45	
			<i>For >100 To 250, Deduct</i>	-4.35	
			<i>For >250 To 500, Deduct</i>	-7.61	
			<i>For >500, Deduct</i>	-10.86	
26 51	19 00-0144	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW).....	94.42	14.70
			<i>For >50 To 100, Deduct</i>	-2.91	
			<i>For >100 To 250, Deduct</i>	-5.27	
			<i>For >250 To 500, Deduct</i>	-9.44	
			<i>For >500, Deduct</i>	-13.61	
26 51	19 00-0145	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB).....	43.78	14.70
			<i>For >50 To 100, Deduct</i>	-1.65	
			<i>For >100 To 250, Deduct</i>	-2.74	
			<i>For >250 To 500, Deduct</i>	-4.38	
			<i>For >500, Deduct</i>	-6.02	
26 51	19 00-0146	EA	6" LED Trim, Polymer "Dead-Front", White Shallow Baffle And Flange (Cooper Halo 691WB).....	80.44	14.70
			<i>For >50 To 100, Deduct</i>	-2.56	
			<i>For >100 To 250, Deduct</i>	-4.57	
			<i>For >250 To 500, Deduct</i>	-8.04	
			<i>For >500, Deduct</i>	-11.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0147	EA		6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	68.08	14.70
			For >50 To 100, Deduct	-2.25	
			For >100 To 250, Deduct	-3.96	
			For >250 To 500, Deduct	-6.81	
			For >500, Deduct	-9.66	
26 51 19 00-0148	EA		6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	63.74	14.70
			For >50 To 100, Deduct	-2.14	
			For >100 To 250, Deduct	-3.74	
			For >250 To 500, Deduct	-6.37	
			For >500, Deduct	-9.01	
26 51 19 00-0149	EA		6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	56.59	14.70
			For >50 To 100, Deduct	-1.97	
			For >100 To 250, Deduct	-3.38	
			For >250 To 500, Deduct	-5.66	
			For >500, Deduct	-7.94	
26 51 19 00-0150	EA		6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	57.11	14.70
			For >50 To 100, Deduct	-1.98	
			For >100 To 250, Deduct	-3.41	
			For >250 To 500, Deduct	-5.71	
			For >500, Deduct	-8.02	
26 51 19 00-0151	EA		6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	61.69	14.70
			For >50 To 100, Deduct	-2.09	
			For >100 To 250, Deduct	-3.64	
			For >250 To 500, Deduct	-6.17	
			For >500, Deduct	-8.70	
26 51 19 00-0152	EA		6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	56.31	14.70
			For >50 To 100, Deduct	-1.96	
			For >100 To 250, Deduct	-3.37	
			For >250 To 500, Deduct	-5.63	
			For >500, Deduct	-7.90	
26 51 19 00-0153	EA		6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	70.94	14.70
			For >50 To 100, Deduct	-2.32	
			For >100 To 250, Deduct	-4.10	
			For >250 To 500, Deduct	-7.09	
			For >500, Deduct	-10.09	
26 51 19 00-0154	EA		6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	77.11	14.70
			For >50 To 100, Deduct	-2.48	
			For >100 To 250, Deduct	-4.41	
			For >250 To 500, Deduct	-7.71	
			For >500, Deduct	-11.02	
26 51 19 00-0155	EA		6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	97.64	14.70
			For >50 To 100, Deduct	-2.99	
			For >100 To 250, Deduct	-5.43	
			For >250 To 500, Deduct	-9.76	
			For >500, Deduct	-14.09	
26 51 19 00-0156	EA		6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	95.07	14.70
			For >50 To 100, Deduct	-2.93	
			For >100 To 250, Deduct	-5.30	
			For >250 To 500, Deduct	-9.51	
			For >500, Deduct	-13.71	
26 51 19 00-0157	EA		6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695VWV)	96.20	14.70
			For >50 To 100, Deduct	-2.96	
			For >100 To 250, Deduct	-5.36	
			For >250 To 500, Deduct	-9.62	
			For >500, Deduct	-13.88	
26 51 19 00-0158	EA		6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	57.73	14.70
			For >50 To 100, Deduct	-1.99	
			For >100 To 250, Deduct	-3.44	
			For >250 To 500, Deduct	-5.77	
			For >500, Deduct	-8.11	
26 51 19 00-0159	EA		6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	52.76	31.50
			For >50 To 100, Deduct	-2.50	
			For >100 To 250, Deduct	-3.82	
			For >250 To 500, Deduct	-5.28	
			For >500, Deduct	-6.73	
26 51 19 00-0160	EA		6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	57.78	31.50
			For >50 To 100, Deduct	-2.63	
			For >100 To 250, Deduct	-4.07	
			For >250 To 500, Deduct	-5.78	
			For >500, Deduct	-7.49	
26 51 19 00-0161	EA		6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	55.77	31.50
			For >50 To 100, Deduct	-2.58	
			For >100 To 250, Deduct	-3.97	
			For >250 To 500, Deduct	-5.58	
			For >500, Deduct	-7.18	
26 51 19 00-0162	EA		6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	75.58	31.50
			For >50 To 100, Deduct	-3.07	
			For >100 To 250, Deduct	-4.96	
			For >250 To 500, Deduct	-7.56	
			For >500, Deduct	-10.16	
26 51 19 00-0163	EA		6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	73.25	31.50
			For >50 To 100, Deduct	-3.01	
			For >100 To 250, Deduct	-4.84	
			For >250 To 500, Deduct	-7.33	
			For >500, Deduct	-9.81	
26 51 19 00-0164	EA		6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	58.47	31.50
			For >50 To 100, Deduct	-2.64	
			For >100 To 250, Deduct	-4.10	
			For >250 To 500, Deduct	-5.85	
			For >500, Deduct	-7.59	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0165	EA 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	61.85	31.50
	For >50 To 100, Deduct	-2.73	
	For >100 To 250, Deduct	-4.27	
	For >250 To 500, Deduct	-6.19	
	For >500, Deduct	-8.10	
26 51 19 00-0166	EA 6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	57.76	31.50
	For >50 To 100, Deduct	-2.63	
	For >100 To 250, Deduct	-4.07	
	For >250 To 500, Deduct	-5.78	
	For >500, Deduct	-7.48	
26 51 19 00-0167	EA 6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	61.47	31.50
	For >50 To 100, Deduct	-2.72	
	For >100 To 250, Deduct	-4.25	
	For >250 To 500, Deduct	-6.15	
	For >500, Deduct	-8.04	
26 51 19 00-0168	EA 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	58.38	31.50
	For >50 To 100, Deduct	-2.64	
	For >100 To 250, Deduct	-4.10	
	For >250 To 500, Deduct	-5.84	
	For >500, Deduct	-7.58	
26 51 19 00-0169	EA 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	58.03	31.50
	For >50 To 100, Deduct	-2.63	
	For >100 To 250, Deduct	-4.08	
	For >250 To 500, Deduct	-5.80	
	For >500, Deduct	-7.52	
26 51 19 00-0170	EA 6" Non-IC, New Construction Housing (Cooper Halo H7T)	60.71	31.50
	For >50 To 100, Deduct	-2.70	
	For >100 To 250, Deduct	-4.22	
	For >250 To 500, Deduct	-6.07	
	For >500, Deduct	-7.93	
26 51 19 00-0171	EA 6" Non-IC, Remodel Housing (Cooper Halo H7RT)	62.16	31.50
	For >50 To 100, Deduct	-2.74	
	For >100 To 250, Deduct	-4.29	
	For >250 To 500, Deduct	-6.22	
	For >500, Deduct	-8.14	
26 51 19 00-0172	EA 6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	62.62	31.50
	For >50 To 100, Deduct	-2.75	
	For >100 To 250, Deduct	-4.31	
	For >250 To 500, Deduct	-6.26	
	For >500, Deduct	-8.21	
26 51 19 00-0173	EA 6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	85.05	31.50
	For >50 To 100, Deduct	-3.31	
	For >100 To 250, Deduct	-5.43	
	For >250 To 500, Deduct	-8.51	
	For >500, Deduct	-11.58	
26 51 19 00-0174	EA 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	79.42	31.50
	For >50 To 100, Deduct	-3.17	
	For >100 To 250, Deduct	-5.15	
	For >250 To 500, Deduct	-7.94	
	For >500, Deduct	-10.73	
26 51 19 00-0175	EA 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	80.07	31.50
	For >50 To 100, Deduct	-3.18	
	For >100 To 250, Deduct	-5.18	
	For >250 To 500, Deduct	-8.01	
	For >500, Deduct	-10.83	
26 51 19 00-0176	EA 6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	83.84	31.50
	For >50 To 100, Deduct	-3.28	
	For >100 To 250, Deduct	-5.37	
	For >250 To 500, Deduct	-8.38	
	For >500, Deduct	-11.40	
26 51 19 00-0177	EA 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	83.84	31.50
	For >50 To 100, Deduct	-3.28	
	For >100 To 250, Deduct	-5.37	
	For >250 To 500, Deduct	-8.38	
	For >500, Deduct	-11.40	
26 51 19 00-0178	EA 6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	83.84	31.50
	For >50 To 100, Deduct	-3.28	
	For >100 To 250, Deduct	-5.37	
	For >250 To 500, Deduct	-8.38	
	For >500, Deduct	-11.40	
26 51 19 00-0179	EA 6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	83.84	31.50
	For >50 To 100, Deduct	-3.28	
	For >100 To 250, Deduct	-5.37	
	For >250 To 500, Deduct	-8.38	
	For >500, Deduct	-11.40	
26 51 19 00-0180	EA 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	83.84	31.50
	For >50 To 100, Deduct	-3.28	
	For >100 To 250, Deduct	-5.37	
	For >250 To 500, Deduct	-8.38	
	For >500, Deduct	-11.40	
26 51 19 00-0181	EA 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	73.99	31.50
	For >50 To 100, Deduct	-3.03	
	For >100 To 250, Deduct	-4.88	
	For >250 To 500, Deduct	-7.40	
	For >500, Deduct	-9.92	
26 51 19 00-0182	EA 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	73.99	31.50
	For >50 To 100, Deduct	-3.03	
	For >100 To 250, Deduct	-4.88	
	For >250 To 500, Deduct	-7.40	
	For >500, Deduct	-9.92	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 51 19 00-0183	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	73.99		31.50
		For >50 To 100, Deduct	-3.03		
		For >100 To 250, Deduct	-4.88		
		For >250 To 500, Deduct	-7.40		
		For >500, Deduct	-9.92		
26 51 19 00-0184	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700).....	73.99		31.50
		For >50 To 100, Deduct	-3.03		
		For >100 To 250, Deduct	-4.88		
		For >250 To 500, Deduct	-7.40		
		For >500, Deduct	-9.92		
26 51 19 00-0185	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R).....	73.99		31.50
		For >50 To 100, Deduct	-3.03		
		For >100 To 250, Deduct	-4.88		
		For >250 To 500, Deduct	-7.40		
		For >500, Deduct	-9.92		
26 51 19 00-0186	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	74.71		31.50
		For >50 To 100, Deduct	-3.05		
		For >100 To 250, Deduct	-4.92		
		For >250 To 500, Deduct	-7.47		
		For >500, Deduct	-10.03		
26 51 19 00-0187	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT).....	85.77		31.50
		For >50 To 100, Deduct	-3.33		
		For >100 To 250, Deduct	-5.47		
		For >250 To 500, Deduct	-8.58		
		For >500, Deduct	-11.68		
26 51 19 00-0188	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	74.71		31.50
		For >50 To 100, Deduct	-3.05		
		For >100 To 250, Deduct	-4.92		
		For >250 To 500, Deduct	-7.47		
		For >500, Deduct	-10.03		
26 51 19 00-0189	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	82.65		31.50
		For >50 To 100, Deduct	-3.25		
		For >100 To 250, Deduct	-5.31		
		For >250 To 500, Deduct	-8.27		
		For >500, Deduct	-11.22		
26 51 19 00-0190	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T).....	70.23		31.50
		For >50 To 100, Deduct	-2.94		
		For >100 To 250, Deduct	-4.69		
		For >250 To 500, Deduct	-7.02		
		For >500, Deduct	-9.35		
26 51 19 00-0191	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT).....	71.32		31.50
		For >50 To 100, Deduct	-2.96		
		For >100 To 250, Deduct	-4.75		
		For >250 To 500, Deduct	-7.13		
		For >500, Deduct	-9.52		
26 51 19 00-0192	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	79.05		31.50
		For >50 To 100, Deduct	-3.16		
		For >100 To 250, Deduct	-5.13		
		For >250 To 500, Deduct	-7.91		
		For >500, Deduct	-10.68		
26 51 19 00-0193	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	79.05		31.50
		For >50 To 100, Deduct	-3.16		
		For >100 To 250, Deduct	-5.13		
		For >250 To 500, Deduct	-7.91		
		For >500, Deduct	-10.68		
26 51 19 00-0194	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R).....	79.05		31.50
		For >50 To 100, Deduct	-3.16		
		For >100 To 250, Deduct	-5.13		
		For >250 To 500, Deduct	-7.91		
		For >500, Deduct	-10.68		
26 51 19 00-0195	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	79.05		31.50
		For >50 To 100, Deduct	-3.16		
		For >100 To 250, Deduct	-5.13		
		For >250 To 500, Deduct	-7.91		
		For >500, Deduct	-10.68		
26 51 19 00-0196	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	79.05		31.50
		For >50 To 100, Deduct	-3.16		
		For >100 To 250, Deduct	-5.13		
		For >250 To 500, Deduct	-7.91		
		For >500, Deduct	-10.68		
26 51 19 00-0197	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	65.89		14.70
		For >50 To 100, Deduct	-2.20		
		For >100 To 250, Deduct	-3.85		
		For >250 To 500, Deduct	-6.59		
		For >500, Deduct	-9.33		
26 51 19 00-0198	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK).....	68.13		14.70
		For >50 To 100, Deduct	-2.25		
		For >100 To 250, Deduct	-3.96		
		For >250 To 500, Deduct	-6.81		
		For >500, Deduct	-9.67		
26 51 19 00-0199	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	65.34		31.50
		For >50 To 100, Deduct	-2.81		
		For >100 To 250, Deduct	-4.45		
		For >250 To 500, Deduct	-6.53		
		For >500, Deduct	-8.62		
26 51 19 00-0200	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	65.61		31.50
		For >50 To 100, Deduct	-2.82		
		For >100 To 250, Deduct	-4.46		
		For >250 To 500, Deduct	-6.56		
		For >500, Deduct	-8.66		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0201	EA 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT).....	60.94	31.50
	For >50 To 100, Deduct	-2.70	
	For >100 To 250, Deduct	-4.23	
	For >250 To 500, Deduct	-6.09	
	For >500, Deduct	-7.96	
26 51 19 00-0202	EA 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT).....	63.23	31.50
	For >50 To 100, Deduct	-2.76	
	For >100 To 250, Deduct	-4.34	
	For >250 To 500, Deduct	-6.32	
	For >500, Deduct	-8.30	
26 51 19 00-0203	EA 5" Non-IC, New Construction Housing (Cooper Halo H5T).....	62.48	31.50
	For >50 To 100, Deduct	-2.74	
	For >100 To 250, Deduct	-4.31	
	For >250 To 500, Deduct	-6.25	
	For >500, Deduct	-8.19	
26 51 19 00-0204	EA 5" Non-IC, Remodel Housing (Cooper Halo H5RT).....	63.18	31.50
	For >50 To 100, Deduct	-2.76	
	For >100 To 250, Deduct	-4.34	
	For >250 To 500, Deduct	-6.32	
	For >500, Deduct	-8.30	
26 51 19 00-0205	EA 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT).....	73.01	31.50
	For >50 To 100, Deduct	-3.01	
	For >100 To 250, Deduct	-4.83	
	For >250 To 500, Deduct	-7.30	
	For >500, Deduct	-9.77	
26 51 19 00-0206	EA 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT).....	73.54	31.50
	For >50 To 100, Deduct	-3.02	
	For >100 To 250, Deduct	-4.86	
	For >250 To 500, Deduct	-7.35	
	For >500, Deduct	-9.85	
26 51 19 00-0207	EA 5" Non-IC, New Construction Housing (Cooper Halo ET500).....	76.18	31.50
	For >50 To 100, Deduct	-3.09	
	For >100 To 250, Deduct	-4.99	
	For >250 To 500, Deduct	-7.62	
	For >500, Deduct	-10.25	
26 51 19 00-0208	EA 5" Non-IC, Remodel Housing (Cooper Halo ET500R).....	78.04	31.50
	For >50 To 100, Deduct	-3.13	
	For >100 To 250, Deduct	-5.08	
	For >250 To 500, Deduct	-7.80	
	For >500, Deduct	-10.53	
26 51 19 00-0209	EA 5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT).....	86.18	31.50
	For >50 To 100, Deduct	-3.34	
	For >100 To 250, Deduct	-5.49	
	For >250 To 500, Deduct	-8.62	
	For >500, Deduct	-11.75	
26 51 19 00-0210	Recessed LED Downlights (Maxlite DLR) <small>(26 51 19 00-0101)</small>		
26 51 19 00-0211	EA 4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410).....	124.44	46.19
	For >50 To 100, Deduct	-4.84	
	For >100 To 250, Deduct	-7.95	
	For >250 To 500, Deduct	-12.44	
	For >500, Deduct	-16.93	
26 51 19 00-0212	EA 4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415).....	125.86	46.19
	For >50 To 100, Deduct	-4.88	
	For >100 To 250, Deduct	-8.03	
	For >250 To 500, Deduct	-12.59	
	For >500, Deduct	-17.15	
26 51 19 00-0213	EA 4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420).....	130.10	46.19
	For >50 To 100, Deduct	-4.98	
	For >100 To 250, Deduct	-8.24	
	For >250 To 500, Deduct	-13.01	
	For >500, Deduct	-17.78	
26 51 19 00-0214	EA 6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615).....	121.61	46.19
	For >50 To 100, Deduct	-4.77	
	For >100 To 250, Deduct	-7.81	
	For >250 To 500, Deduct	-12.16	
	For >500, Deduct	-16.51	
26 51 19 00-0215	EA 6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620).....	121.61	46.19
	For >50 To 100, Deduct	-4.77	
	For >100 To 250, Deduct	-7.81	
	For >250 To 500, Deduct	-12.16	
	For >500, Deduct	-16.51	
26 51 19 00-0216	EA 6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630).....	121.61	46.19
	For >50 To 100, Deduct	-4.77	
	For >100 To 250, Deduct	-7.81	
	For >250 To 500, Deduct	-12.16	
	For >500, Deduct	-16.51	
26 51 19 00-0217	EA 8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810).....	130.10	46.19
	For >50 To 100, Deduct	-4.98	
	For >100 To 250, Deduct	-8.24	
	For >250 To 500, Deduct	-13.01	
	For >500, Deduct	-17.78	
26 51 19 00-0218	EA 8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815).....	131.52	46.19
	For >50 To 100, Deduct	-5.02	
	For >100 To 250, Deduct	-8.31	
	For >250 To 500, Deduct	-13.15	
	For >500, Deduct	-18.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0219	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	134.34	46.19
		<i>For >50 To 100, Deduct</i>	-5.09	
		<i>For >100 To 250, Deduct</i>	-8.45	
		<i>For >250 To 500, Deduct</i>	-13.43	
		<i>For >500, Deduct</i>	-18.42	
26 51 19 00-0220	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	142.82	46.19
		<i>For >50 To 100, Deduct</i>	-5.30	
		<i>For >100 To 250, Deduct</i>	-8.87	
		<i>For >250 To 500, Deduct</i>	-14.28	
		<i>For >500, Deduct</i>	-19.69	
26 51 19 00-0221	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	154.14	46.19
		<i>For >50 To 100, Deduct</i>	-5.59	
		<i>For >100 To 250, Deduct</i>	-9.44	
		<i>For >250 To 500, Deduct</i>	-15.41	
		<i>For >500, Deduct</i>	-21.39	
26 51 19 00-0222		Recessed LED Downlight Retrofits And Trim (CREE®) <small>(26 51 19 00-0100)</small>		
26 51 19 00-0223		Recessed LED Downlight Retrofits (CREE®) <small>(26 51 19 00-0222)</small>		
		Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 19 00-0224	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	79.29	
		<i>For >50 To 100, Deduct</i>	-2.64	
		<i>For >100 To 250, Deduct</i>	-4.62	
		<i>For >250 To 500, Deduct</i>	-7.93	
		<i>For >500, Deduct</i>	-11.24	
26 51 19 00-0225	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	70.69	
		<i>For >50 To 100, Deduct</i>	-2.42	
		<i>For >100 To 250, Deduct</i>	-4.19	
		<i>For >250 To 500, Deduct</i>	-7.07	
		<i>For >500, Deduct</i>	-9.95	
26 51 19 00-0226	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	87.89	
		<i>For >50 To 100, Deduct</i>	-2.85	
		<i>For >100 To 250, Deduct</i>	-5.05	
		<i>For >250 To 500, Deduct</i>	-8.79	
		<i>For >500, Deduct</i>	-12.53	
26 51 19 00-0227	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	97.92	
		<i>For >50 To 100, Deduct</i>	-3.10	
		<i>For >100 To 250, Deduct</i>	-5.55	
		<i>For >250 To 500, Deduct</i>	-9.79	
		<i>For >500, Deduct</i>	-14.03	
26 51 19 00-0228	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	106.52	
		<i>For >50 To 100, Deduct</i>	-3.32	
		<i>For >100 To 250, Deduct</i>	-5.98	
		<i>For >250 To 500, Deduct</i>	-10.65	
		<i>For >500, Deduct</i>	-15.32	
26 51 19 00-0229		Recessed LED Downlight Retrofits Trim (CREE®) <small>(26 51 19 00-0222)</small>		
		Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 19 00-0230	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	30.08	7.35
		<i>For >50 To 100, Deduct</i>	-1.15	
		<i>For >100 To 250, Deduct</i>	-1.90	
		<i>For >250 To 500, Deduct</i>	-3.01	
		<i>For >500, Deduct</i>	-4.12	
26 51 19 00-0231	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	35.82	7.35
		<i>For >50 To 100, Deduct</i>	-1.29	
		<i>For >100 To 250, Deduct</i>	-2.18	
		<i>For >250 To 500, Deduct</i>	-3.58	
		<i>For >500, Deduct</i>	-4.98	
26 51 19 00-0232	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	31.52	7.35
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100 To 250, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-3.15	
		<i>For >500, Deduct</i>	-4.33	
26 51 19 00-0233		Recessed LED Downlight Fixture Housings (CREE®) <small>(26 51 19 00-0222)</small>		
		Note: Excludes lamp and trim.		
26 51 19 00-0234	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	81.65	31.50
		<i>For >50 To 100, Deduct</i>	-3.22	
		<i>For >100 To 250, Deduct</i>	-5.26	
		<i>For >250 To 500, Deduct</i>	-8.17	
		<i>For >500, Deduct</i>	-11.07	
26 51 19 00-0235	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	61.57	31.50
		<i>For >50 To 100, Deduct</i>	-2.72	
		<i>For >100 To 250, Deduct</i>	-4.26	
		<i>For >250 To 500, Deduct</i>	-6.16	
		<i>For >500, Deduct</i>	-8.05	
26 51 19 00-0236		Can Retrofit Or Surface Mount, LED Downlights <small>(26 51 19 00-0100)</small>		
26 51 19 00-0237	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	99.93	28.77
		<i>For >50 To 100, Deduct</i>	-3.58	
		<i>For >100 To 250, Deduct</i>	-6.08	
		<i>For >250 To 500, Deduct</i>	-9.99	
		<i>For >500, Deduct</i>	-13.91	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0238	EA		4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D).....	77.87	28.77
			<i>For >50 To 100, Deduct</i>	-3.03	
			<i>For >100 To 250, Deduct</i>	-4.97	
			<i>For >250 To 500, Deduct</i>	-7.79	
			<i>For >500, Deduct</i>	-10.60	
26 51 19 00-0239	EA		6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D).....	77.87	28.77
			<i>For >50 To 100, Deduct</i>	-3.03	
			<i>For >100 To 250, Deduct</i>	-4.97	
			<i>For >250 To 500, Deduct</i>	-7.79	
			<i>For >500, Deduct</i>	-10.60	
26 51 19 00-0240	EA		6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	93.54	28.77
			<i>For Recessed IC/Non-IC Rated Housing For New Construction, Add</i>	35.97	
			<i>For >50 To 100, Deduct</i>	-3.42	
			<i>For >100 To 250, Deduct</i>	-5.76	
			<i>For >250 To 500, Deduct</i>	-9.35	
			<i>For >500, Deduct</i>	-12.95	
26 51 19 00-0241	EA		4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	53.77	28.77
			<i>For >50 To 100, Deduct</i>	-2.42	
			<i>For >100 To 250, Deduct</i>	-3.77	
			<i>For >250 To 500, Deduct</i>	-5.38	
			<i>For >500, Deduct</i>	-6.99	
26 51 19 00-0242	EA		5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840).....	58.04	28.77
			<i>For >50 To 100, Deduct</i>	-2.53	
			<i>For >100 To 250, Deduct</i>	-3.98	
			<i>For >250 To 500, Deduct</i>	-5.80	
			<i>For >500, Deduct</i>	-7.63	
26 51 19 00-0243	EA		6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	543.14	28.77
			<i>For >50 To 100, Deduct</i>	-14.66	
			<i>For >100 To 250, Deduct</i>	-28.24	
			<i>For >250 To 500, Deduct</i>	-54.31	
			<i>For >500, Deduct</i>	-80.39	
26 51 19 00-0244			Wall Mount LED Cylinder Downlight <small>(26 51 19 00-0001)</small>		
26 51 19 00-0245	EA		9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9).....	593.69	44.69
			<i>For >50 To 100, Deduct</i>	-16.52	
			<i>For >100 To 250, Deduct</i>	-31.36	
			<i>For >250 To 500, Deduct</i>	-59.37	
			<i>For >500, Deduct</i>	-87.38	
26 51 19 00-0246			Wall Sconce And Wall Wash LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0247			LED Wall Sconce Fixtures (Hudson Valley Lighting) <small>(26 51 19 00-0246)</small>		
26 51 19 00-0248	EA		2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	324.17	41.99
			<i>For >50 To 100, Deduct</i>	-9.68	
			<i>For >100 To 250, Deduct</i>	-17.78	
			<i>For >250 To 500, Deduct</i>	-32.42	
			<i>For >500, Deduct</i>	-47.05	
26 51 19 00-0249			LED Wall Sconce Fixtures (Kichler) <small>(26 51 19 00-0246)</small>		
26 51 19 00-0250	EA		6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED).....	189.45	41.99
			<i>For >50 To 100, Deduct</i>	-6.31	
			<i>For >100 To 250, Deduct</i>	-11.05	
			<i>For >250 To 500, Deduct</i>	-18.95	
			<i>For >500, Deduct</i>	-26.84	
26 51 19 00-0251			LED Wall Sconce Fixtures (Metalux) <small>(26 51 19 00-0246)</small>		
26 51 19 00-0252	EA		9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	113.14	41.99
			<i>For >50 To 100, Deduct</i>	-4.40	
			<i>For >100 To 250, Deduct</i>	-7.23	
			<i>For >250 To 500, Deduct</i>	-11.31	
			<i>For >500, Deduct</i>	-15.40	
26 51 19 00-0253	EA		5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH).....	106.87	41.99
			<i>For >50 To 100, Deduct</i>	-4.25	
			<i>For >100 To 250, Deduct</i>	-6.92	
			<i>For >250 To 500, Deduct</i>	-10.69	
			<i>For >500, Deduct</i>	-14.46	
26 51 19 00-0254			Concealed Continuous LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0255			Concealed Continuous LED Fixtures (Fraqtir™ S301) <small>(26 51 19 00-0254)</small>		
26 51 19 00-0256	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	416.48	4.80
			<i>For >50 To 100, Deduct</i>	-10.65	
			<i>For >100 To 250, Deduct</i>	-21.06	
			<i>For >250 To 500, Deduct</i>	-41.65	
			<i>For >500, Deduct</i>	-62.23	
26 51 19 00-0257	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	474.41	4.80
			<i>For >50 To 100, Deduct</i>	-12.10	
			<i>For >100 To 250, Deduct</i>	-23.96	
			<i>For >250 To 500, Deduct</i>	-47.44	
			<i>For >500, Deduct</i>	-70.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0258			Low Bay LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0259			LED Linear Low Bay Fixtures (PlanLED) <small>(26 51 19 00-0258)</small>		
26 51 19 00-0260	EA		4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	242.71	57.54
			<i>For >50 To 100, Deduct</i>	-8.47	
			<i>For >100 To 250, Deduct</i>	-14.53	
			<i>For >250 To 500, Deduct</i>	-24.27	
			<i>For >500, Deduct</i>	-34.01	
26 51 19 00-0261	EA		4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	318.56	57.54
			<i>For >50 To 100, Deduct</i>	-10.36	
			<i>For >100 To 250, Deduct</i>	-18.33	
			<i>For >250 To 500, Deduct</i>	-31.86	
			<i>For >500, Deduct</i>	-45.39	
26 51 19 00-0262	EA		8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	517.49	71.93
			<i>For >50 To 100, Deduct</i>	-15.93	
			<i>For >100 To 250, Deduct</i>	-28.87	
			<i>For >250 To 500, Deduct</i>	-51.75	
			<i>For >500, Deduct</i>	-74.63	
26 51 19 00-0263			LED Linear Low Bay Fixtures (CREE® CS) <small>(26 51 19 00-0258)</small>		
			Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0264	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	491.43	57.54
			<i>For >50 To 100, Deduct</i>	-14.68	
			<i>For >100 To 250, Deduct</i>	-26.97	
			<i>For >250 To 500, Deduct</i>	-49.14	
			<i>For >500, Deduct</i>	-71.32	
26 51 19 00-0265	EA		7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	611.44	71.93
			<i>For >50 To 100, Deduct</i>	-18.28	
			<i>For >100 To 250, Deduct</i>	-33.57	
			<i>For >250 To 500, Deduct</i>	-61.14	
			<i>For >500, Deduct</i>	-88.72	
26 51 19 00-0266	EA		8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	770.56	71.93
			<i>For >50 To 100, Deduct</i>	-22.26	
			<i>For >100 To 250, Deduct</i>	-41.52	
			<i>For >250 To 500, Deduct</i>	-77.06	
			<i>For >500, Deduct</i>	-112.59	
26 51 19 00-0267			LED Linear Low Bay Fixtures (Lithonia MSL) <small>(26 51 19 00-0258)</small>		
			Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0268	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	593.67	57.54
			<i>For >50 To 100, Deduct</i>	-17.24	
			<i>For >100 To 250, Deduct</i>	-32.08	
			<i>For >250 To 500, Deduct</i>	-59.37	
			<i>For >500, Deduct</i>	-86.65	
26 51 19 00-0269			High Bay LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0270			LED High Bay Fixtures (Lithonia IBL) <small>(26 51 19 00-0269)</small>		
			Note: Includes aluminum alloy chassis.		
26 51 19 00-0271	EA		9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	643.90	105.48
			<i>For >50 To 100, Deduct</i>	-21.37	
			<i>For >100 To 250, Deduct</i>	-37.47	
			<i>For >250 To 500, Deduct</i>	-64.39	
			<i>For >500, Deduct</i>	-91.31	
26 51 19 00-0272	EA		12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	704.31	105.48
			<i>For >50 To 100, Deduct</i>	-22.88	
			<i>For >100 To 250, Deduct</i>	-40.49	
			<i>For >250 To 500, Deduct</i>	-70.43	
			<i>For >500, Deduct</i>	-100.37	
26 51 19 00-0273	EA		18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	867.41	105.48
			<i>For >50 To 100, Deduct</i>	-26.96	
			<i>For >100 To 250, Deduct</i>	-48.64	
			<i>For >250 To 500, Deduct</i>	-86.74	
			<i>For >500, Deduct</i>	-124.84	
26 51 19 00-0274	EA		24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	932.65	105.48
			<i>For >50 To 100, Deduct</i>	-28.59	
			<i>For >100 To 250, Deduct</i>	-51.91	
			<i>For >250 To 500, Deduct</i>	-93.27	
			<i>For >500, Deduct</i>	-134.62	
26 51 19 00-0275			LED High Bay Fixtures (PlanLED) <small>(26 51 19 00-0269)</small>		
26 51 19 00-0276			LED High Bay Fixtures (PlanLED LUNA) <small>(26 51 19 00-0275)</small>		
			Note: Includes aluminum alloy chassis.		
26 51 19 00-0277	EA		7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	612.26	105.48
			<i>For >50 To 100, Deduct</i>	-20.58	
			<i>For >100 To 250, Deduct</i>	-35.89	
			<i>For >250 To 500, Deduct</i>	-61.23	
			<i>For >500, Deduct</i>	-86.56	
26 51 19 00-0278	EA		9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	680.78	105.48
			<i>For >50 To 100, Deduct</i>	-22.29	
			<i>For >100 To 250, Deduct</i>	-39.31	
			<i>For >250 To 500, Deduct</i>	-68.08	
			<i>For >500, Deduct</i>	-96.84	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0279	EA		13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	779.88	105.48
			For >50 To 100, Deduct	-24.77	
			For >100 To 250, Deduct	-44.27	
			For >250 To 500, Deduct	-77.99	
			For >500, Deduct	-111.71	
26 51 19 00-0280	EA		16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	876.53	105.48
			For >50 To 100, Deduct	-27.19	
			For >100 To 250, Deduct	-49.10	
			For >250 To 500, Deduct	-87.65	
			For >500, Deduct	-126.21	
26 51 19 00-0281			LED High Bay Fixtures (PlanLED IBL) (26 51 19 00-0275)		
			Note: Includes aluminum alloy chassis.		
26 51 19 00-0282	EA		13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W).....	661.20	105.48
			For 480 Volt, Add	33.82	
			For >50 To 100, Deduct	-21.80	
			For >100 To 250, Deduct	-38.33	
			For >250 To 500, Deduct	-66.12	
			For >500, Deduct	-93.91	
26 51 19 00-0283	EA		21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W).....	899.78	105.48
			For 480 Volt, Add	42.73	
			For >50 To 100, Deduct	-27.77	
			For >100 To 250, Deduct	-50.26	
			For >250 To 500, Deduct	-89.98	
			For >500, Deduct	-129.69	
26 51 19 00-0284	EA		42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W).....	1,556.78	105.48
			For 480 Volt, Add	67.54	
			For >50 To 100, Deduct	-44.19	
			For >100 To 250, Deduct	-83.11	
			For >250 To 500, Deduct	-155.68	
			For >500, Deduct	-228.24	
26 51 19 00-0285			LED High Bay Fixtures (PlanLED SEGA) (26 51 19 00-0275)		
			Note: Includes aluminum alloy chassis.		
26 51 19 00-0286	EA		10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	532.74	105.48
			For 0 To 10 Volt Dimming, Add	52.39	
			For >50 To 100, Deduct	-18.59	
			For >100 To 250, Deduct	-31.91	
			For >250 To 500, Deduct	-53.27	
			For >500, Deduct	-74.64	
26 51 19 00-0287	EA		13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	565.77	105.48
			For 0 To 10 Volt Dimming, Add	52.39	
			For >50 To 100, Deduct	-19.42	
			For >100 To 250, Deduct	-33.56	
			For >250 To 500, Deduct	-56.58	
			For >500, Deduct	-79.59	
26 51 19 00-0288	EA		16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	679.56	105.48
			For 0 To 10 Volt Dimming, Add	52.39	
			For >50 To 100, Deduct	-22.26	
			For >100 To 250, Deduct	-39.25	
			For >250 To 500, Deduct	-67.96	
			For >500, Deduct	-96.66	
26 51 19 00-0289	EA		20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	761.53	105.48
			For 0 To 10 Volt Dimming, Add	52.39	
			For >50 To 100, Deduct	-24.31	
			For >100 To 250, Deduct	-43.35	
			For >250 To 500, Deduct	-76.15	
			For >500, Deduct	-108.96	
26 51 19 00-0290	EA		50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400).....	1,365.92	105.48
			For >50 To 100, Deduct	-39.42	
			For >100 To 250, Deduct	-73.57	
			For >250 To 500, Deduct	-136.59	
			For >500, Deduct	-199.61	
26 51 19 00-0291	EA		57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500).....	1,473.58	105.48
			For >50 To 100, Deduct	-42.11	
			For >100 To 250, Deduct	-78.95	
			For >250 To 500, Deduct	-147.36	
			For >500, Deduct	-215.76	
26 51 19 00-0292	EA		80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640).....	2,212.70	105.48
			For >50 To 100, Deduct	-60.59	
			For >100 To 250, Deduct	-115.91	
			For >250 To 500, Deduct	-221.27	
			For >500, Deduct	-326.63	
26 51 19 00-0293			Wet/Hazardous Location, LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0294			Wet Location, LED Fixtures (26 51 19 00-0293)		
26 51 19 00-0295			Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) (26 51 19 00-0294)		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0296	EA		3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L).....	1,852.56	80.55
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-49.67	
			<i>For >100 To 250, Deduct</i>	-95.98	
			<i>For >250 To 500, Deduct</i>	-185.26	
			<i>For >500, Deduct</i>	-274.53	
26 51 19 00-0297	EA		5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L).....	1,889.27	86.31
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-50.83	
			<i>For >100 To 250, Deduct</i>	-98.06	
			<i>For >250 To 500, Deduct</i>	-188.93	
			<i>For >500, Deduct</i>	-279.79	
26 51 19 00-0298	EA		7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L).....	2,132.40	92.06
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-57.15	
			<i>For >100 To 250, Deduct</i>	-110.46	
			<i>For >250 To 500, Deduct</i>	-213.24	
			<i>For >500, Deduct</i>	-316.02	
26 51 19 00-0299	EA		9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L).....	2,564.96	97.82
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-68.20	
			<i>For >100 To 250, Deduct</i>	-132.32	
			<i>For >250 To 500, Deduct</i>	-256.50	
			<i>For >500, Deduct</i>	-380.67	
26 51 19 00-0300	EA		11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	3,268.12	103.57
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-86.02	
			<i>For >100 To 250, Deduct</i>	-167.72	
			<i>For >250 To 500, Deduct</i>	-326.81	
			<i>For >500, Deduct</i>	-485.90	
26 51 19 00-0301	EA		13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	4,295.69	106.45
			<i>For Ceiling Mount, Add</i>	16.05	
			<i>For Quick Clip Mounting Option, Add</i>	23.60	
			<i>For Frosted Lens, Add</i>	50.75	
			<i>For Warm White Color Rendering, Add</i>	65.34	
			<i>For Stanchion Mount, Add</i>	109.50	
			<i>For Wall Mount, Add</i>	121.21	
			<i>For Polycarbonate Lens, Add</i>	94.07	
			<i>For Teflon Coated Lens, Add</i>	107.72	
			<i>For 480 Volt, Add</i>	153.88	
			<i>For >50 To 100, Deduct</i>	-111.83	
			<i>For >100 To 250, Deduct</i>	-219.22	
			<i>For >250 To 500, Deduct</i>	-429.57	
			<i>For >500, Deduct</i>	-639.92	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0302	EA 18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L).....	4,973.07	109.32
	<i>For Ceiling Mount, Add</i>	16.05	
	<i>For Quick Clip Mounting Option, Add</i>	23.60	
	<i>For Frosted Lens, Add</i>	50.75	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For Stanchion Mount, Add</i>	109.50	
	<i>For Wall Mount, Add</i>	121.21	
	<i>For Polycarbonate Lens, Add</i>	94.07	
	<i>For Teflon Coated Lens, Add</i>	107.72	
	<i>For 480 Volt, Add</i>	153.88	
	<i>For >50 To 100, Deduct</i>	-128.88	
	<i>For >100 To 250, Deduct</i>	-253.21	
	<i>For >250 To 500, Deduct</i>	-497.31	
	<i>For >500, Deduct</i>	-741.41	
26 51 19 00-0303	Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) ^(26 51 19 00-0294) Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0304	EA 5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L).....	1,671.80	86.31
	<i>For Bolt-On Visor, Add</i>	87.38	
	<i>For Bolt-On Wire Guard, Add</i>	179.73	
	<i>For 480 Volt, Add</i>	153.88	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For >50 To 100, Deduct</i>	-45.39	
	<i>For >100 To 250, Deduct</i>	-87.19	
	<i>For >250 To 500, Deduct</i>	-167.18	
	<i>For >500, Deduct</i>	-247.17	
26 51 19 00-0305	EA 7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L).....	2,461.91	92.06
	<i>For Bolt-On Visor, Add</i>	87.38	
	<i>For Bolt-On Wire Guard, Add</i>	179.73	
	<i>For 480 Volt, Add</i>	153.88	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For >50 To 100, Deduct</i>	-65.38	
	<i>For >100 To 250, Deduct</i>	-126.93	
	<i>For >250 To 500, Deduct</i>	-246.19	
	<i>For >500, Deduct</i>	-365.45	
26 51 19 00-0306	EA 9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L).....	2,714.09	97.82
	<i>For Bolt-On Visor, Add</i>	87.38	
	<i>For Bolt-On Wire Guard, Add</i>	179.73	
	<i>For 480 Volt, Add</i>	153.88	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For >50 To 100, Deduct</i>	-71.93	
	<i>For >100 To 250, Deduct</i>	-139.78	
	<i>For >250 To 500, Deduct</i>	-271.41	
	<i>For >500, Deduct</i>	-403.04	
26 51 19 00-0307	EA 11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L).....	3,114.91	103.57
	<i>For Bolt-On Visor, Add</i>	87.38	
	<i>For Bolt-On Wire Guard, Add</i>	179.73	
	<i>For 480 Volt, Add</i>	153.88	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For >50 To 100, Deduct</i>	-82.19	
	<i>For >100 To 250, Deduct</i>	-160.06	
	<i>For >250 To 500, Deduct</i>	-311.49	
	<i>For >500, Deduct</i>	-462.92	
26 51 19 00-0308	Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) ^(26 51 19 00-0294) Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0309	EA 1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	1,162.46	80.55
	<i>For 12/24 Volt DC Driver, Add</i>	24.84	
	<i>For Frosted Lens, Add</i>	50.75	
	<i>For 55 Degree Ambient Suitability (AC Only), Add</i>	33.81	
	<i>For Warm White Color Rendering, Add</i>	65.34	
	<i>For Ceiling Mount, Add</i>	77.16	
	<i>For Wall Mount, Add</i>	111.90	
	<i>For Teflon Coated Lens, Add</i>	107.72	
	<i>For Wall Mount With Junction Box, Add</i>	162.56	
	<i>For >50 To 100, Deduct</i>	-32.42	
	<i>For >100 To 250, Deduct</i>	-61.48	
	<i>For >250 To 500, Deduct</i>	-116.25	
	<i>For >500, Deduct</i>	-171.01	
26 51 19 00-0310	Vaportight, LED Fixtures ^(26 51 19 00-0293)		
26 51 19 00-0311	General Distribution, Vaportight, LED Fixtures (Metalux) ^(26 51 19 00-0310)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0312	EA	2'	2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	252.51	46.03
			<i>For >50 To 100, Deduct</i>	-8.23	
			<i>For >100 To 250, Deduct</i>	-14.54	
			<i>For >250 To 500, Deduct</i>	-25.25	
			<i>For >500, Deduct</i>	-35.96	
26 51 19 00-0313	EA	2'	3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	263.27	46.03
			<i>For >50 To 100, Deduct</i>	-8.50	
			<i>For >100 To 250, Deduct</i>	-15.08	
			<i>For >250 To 500, Deduct</i>	-26.33	
			<i>For >500, Deduct</i>	-37.57	
26 51 19 00-0314	EA	2'	4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	284.81	46.03
			<i>For >50 To 100, Deduct</i>	-9.04	
			<i>For >100 To 250, Deduct</i>	-16.16	
			<i>For >250 To 500, Deduct</i>	-28.48	
			<i>For >500, Deduct</i>	-40.80	
26 51 19 00-0315	EA	4'	4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	256.85	57.54
			<i>For >50 To 100, Deduct</i>	-8.82	
			<i>For >100 To 250, Deduct</i>	-15.24	
			<i>For >250 To 500, Deduct</i>	-25.69	
			<i>For >500, Deduct</i>	-36.13	
26 51 19 00-0316	EA	4'	6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	287.74	57.54
			<i>For >50 To 100, Deduct</i>	-9.59	
			<i>For >100 To 250, Deduct</i>	-16.78	
			<i>For >250 To 500, Deduct</i>	-28.77	
			<i>For >500, Deduct</i>	-40.76	
26 51 19 00-0317	EA	4'	8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	400.90	57.54
			<i>For >50 To 100, Deduct</i>	-12.42	
			<i>For >100 To 250, Deduct</i>	-22.44	
			<i>For >250 To 500, Deduct</i>	-40.09	
			<i>For >500, Deduct</i>	-57.74	
26 51 19 00-0318			Wide Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0310)</small>		
26 51 19 00-0319	EA	2'	2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	274.04	46.03
			<i>For >50 To 100, Deduct</i>	-8.77	
			<i>For >100 To 250, Deduct</i>	-15.62	
			<i>For >250 To 500, Deduct</i>	-27.40	
			<i>For >500, Deduct</i>	-39.19	
26 51 19 00-0320	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	284.81	46.03
			<i>For >50 To 100, Deduct</i>	-9.04	
			<i>For >100 To 250, Deduct</i>	-16.16	
			<i>For >250 To 500, Deduct</i>	-28.48	
			<i>For >500, Deduct</i>	-40.80	
26 51 19 00-0321	EA	2'	4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	306.35	46.03
			<i>For >50 To 100, Deduct</i>	-9.58	
			<i>For >100 To 250, Deduct</i>	-17.24	
			<i>For >250 To 500, Deduct</i>	-30.64	
			<i>For >500, Deduct</i>	-44.03	
26 51 19 00-0322	EA	4'	4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	357.83	57.54
			<i>For >50 To 100, Deduct</i>	-11.34	
			<i>For >100 To 250, Deduct</i>	-20.29	
			<i>For >250 To 500, Deduct</i>	-35.78	
			<i>For >500, Deduct</i>	-51.28	
26 51 19 00-0323	EA	4'	6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	400.90	57.54
			<i>For >50 To 100, Deduct</i>	-12.42	
			<i>For >100 To 250, Deduct</i>	-22.44	
			<i>For >250 To 500, Deduct</i>	-40.09	
			<i>For >500, Deduct</i>	-57.74	
26 51 19 00-0324	EA	4'	8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	443.98	57.54
			<i>For >50 To 100, Deduct</i>	-13.50	
			<i>For >100 To 250, Deduct</i>	-24.60	
			<i>For >250 To 500, Deduct</i>	-44.40	
			<i>For >500, Deduct</i>	-64.20	
26 51 19 00-0325			Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0310)</small>		
26 51 19 00-0326	EA	2'	2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	274.04	46.03
			<i>For >50 To 100, Deduct</i>	-8.77	
			<i>For >100 To 250, Deduct</i>	-15.62	
			<i>For >250 To 500, Deduct</i>	-27.40	
			<i>For >500, Deduct</i>	-39.19	
26 51 19 00-0327	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	285.63	46.03
			<i>For >50 To 100, Deduct</i>	-9.06	
			<i>For >100 To 250, Deduct</i>	-16.20	
			<i>For >250 To 500, Deduct</i>	-28.56	
			<i>For >500, Deduct</i>	-40.93	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0328	EA 2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U).....	306.35	46.03
	For >50 To 100, Deduct	-9.58	
	For >100 To 250, Deduct	-17.24	
	For >250 To 500, Deduct	-30.64	
	For >500, Deduct	-44.03	
26 51 19 00-0329	EA 4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U).....	357.83	57.54
	For >50 To 100, Deduct	-11.34	
	For >100 To 250, Deduct	-20.29	
	For >250 To 500, Deduct	-35.78	
	For >500, Deduct	-51.28	
26 51 19 00-0330	EA 4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U).....	400.90	57.54
	For >50 To 100, Deduct	-12.42	
	For >100 To 250, Deduct	-22.44	
	For >250 To 500, Deduct	-40.09	
	For >500, Deduct	-57.74	
26 51 19 00-0331	EA 4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U).....	443.98	57.54
	For >50 To 100, Deduct	-13.50	
	For >100 To 250, Deduct	-24.60	
	For >250 To 500, Deduct	-44.40	
	For >500, Deduct	-64.20	
26 51 19 00-0332	Ceiling Mounted LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0333	Ceiling Mounted, LED Drum Fixtures (Enertron) (26 51 19 00-0332)		
26 51 19 00-0334	EA 11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	122.90	38.36
	For >50 To 100, Deduct	-4.51	
	For >100 To 250, Deduct	-7.58	
	For >250 To 500, Deduct	-12.29	
	For >500, Deduct	-17.00	
26 51 19 00-0335	EA 11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	129.39	38.36
	For >50 To 100, Deduct	-4.67	
	For >100 To 250, Deduct	-7.91	
	For >250 To 500, Deduct	-12.94	
	For >500, Deduct	-17.97	
26 51 19 00-0336	EA 11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	135.88	38.36
	For >50 To 100, Deduct	-4.84	
	For >100 To 250, Deduct	-8.23	
	For >250 To 500, Deduct	-13.59	
	For >500, Deduct	-18.94	
26 51 19 00-0337	EA 11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	142.37	38.36
	For >50 To 100, Deduct	-5.00	
	For >100 To 250, Deduct	-8.56	
	For >250 To 500, Deduct	-14.24	
	For >500, Deduct	-19.92	
26 51 19 00-0338	EA 14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	135.38	42.20
	For >50 To 100, Deduct	-4.97	
	For >100 To 250, Deduct	-8.35	
	For >250 To 500, Deduct	-13.54	
	For >500, Deduct	-18.72	
26 51 19 00-0339	EA 14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	141.87	42.20
	For >50 To 100, Deduct	-5.13	
	For >100 To 250, Deduct	-8.68	
	For >250 To 500, Deduct	-14.19	
	For >500, Deduct	-19.70	
26 51 19 00-0340	EA 14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	148.35	42.20
	For >50 To 100, Deduct	-5.29	
	For >100 To 250, Deduct	-9.00	
	For >250 To 500, Deduct	-14.84	
	For >500, Deduct	-20.67	
26 51 19 00-0341	EA 14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	154.84	42.20
	For >50 To 100, Deduct	-5.45	
	For >100 To 250, Deduct	-9.32	
	For >250 To 500, Deduct	-15.48	
	For >500, Deduct	-21.64	
26 51 19 00-0342	EA 14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	167.82	42.20
	For >50 To 100, Deduct	-5.78	
	For >100 To 250, Deduct	-9.97	
	For >250 To 500, Deduct	-16.78	
	For >500, Deduct	-23.59	
26 51 19 00-0343	EA 11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	122.90	38.36
	For >50 To 100, Deduct	-4.51	
	For >100 To 250, Deduct	-7.58	
	For >250 To 500, Deduct	-12.29	
	For >500, Deduct	-17.00	
26 51 19 00-0344	EA 11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	129.39	38.36
	For >50 To 100, Deduct	-4.67	
	For >100 To 250, Deduct	-7.91	
	For >250 To 500, Deduct	-12.94	
	For >500, Deduct	-17.97	
26 51 19 00-0345	EA 11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	135.88	38.36
	For >50 To 100, Deduct	-4.84	
	For >100 To 250, Deduct	-8.23	
	For >250 To 500, Deduct	-13.59	
	For >500, Deduct	-18.94	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 51 19 00-0364	EA 11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	142.37	38.36
	For >50 To 100, Deduct	-5.00	
	For >100 To 250, Deduct	-8.56	
	For >250 To 500, Deduct	-14.24	
	For >500, Deduct	-19.92	
26 51 19 00-0365	EA 14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	135.38	42.20
	For >50 To 100, Deduct	-4.97	
	For >100 To 250, Deduct	-8.35	
	For >250 To 500, Deduct	-13.54	
	For >500, Deduct	-18.72	
26 51 19 00-0366	EA 14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	141.87	42.20
	For >50 To 100, Deduct	-5.13	
	For >100 To 250, Deduct	-8.68	
	For >250 To 500, Deduct	-14.19	
	For >500, Deduct	-19.70	
26 51 19 00-0367	EA 14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	148.35	42.20
	For >50 To 100, Deduct	-5.29	
	For >100 To 250, Deduct	-9.00	
	For >250 To 500, Deduct	-14.84	
	For >500, Deduct	-20.67	
26 51 19 00-0368	EA 14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	154.84	42.20
	For >50 To 100, Deduct	-5.45	
	For >100 To 250, Deduct	-9.32	
	For >250 To 500, Deduct	-15.48	
	For >500, Deduct	-21.64	
26 51 19 00-0369	EA 14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	167.82	42.20
	For >50 To 100, Deduct	-5.78	
	For >100 To 250, Deduct	-9.97	
	For >250 To 500, Deduct	-16.78	
	For >500, Deduct	-23.59	
26 51 19 00-0370	EA 19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	172.33	45.55
	For >50 To 100, Deduct	-6.03	
	For >100 To 250, Deduct	-10.34	
	For >250 To 500, Deduct	-17.23	
	For >500, Deduct	-24.12	
26 51 19 00-0371	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	187.08	45.55
	For >50 To 100, Deduct	-6.40	
	For >100 To 250, Deduct	-11.08	
	For >250 To 500, Deduct	-18.71	
	For >500, Deduct	-26.34	
26 51 19 00-0372	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	183.48	45.55
	For >50 To 100, Deduct	-6.31	
	For >100 To 250, Deduct	-10.90	
	For >250 To 500, Deduct	-18.35	
	For >500, Deduct	-25.80	
26 51 19 00-0373	EA 19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	183.42	45.55
	For >50 To 100, Deduct	-6.31	
	For >100 To 250, Deduct	-10.90	
	For >250 To 500, Deduct	-18.34	
	For >500, Deduct	-25.79	
26 51 19 00-0374	EA 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	200.06	45.55
	For >50 To 100, Deduct	-6.73	
	For >100 To 250, Deduct	-11.73	
	For >250 To 500, Deduct	-20.01	
	For >500, Deduct	-28.28	
26 51 19 00-0375	EA 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	194.69	45.55
	For >50 To 100, Deduct	-6.59	
	For >100 To 250, Deduct	-11.46	
	For >250 To 500, Deduct	-19.47	
	For >500, Deduct	-27.48	
26 51 19 00-0376	EA 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	217.16	45.55
	For >50 To 100, Deduct	-7.16	
	For >100 To 250, Deduct	-12.58	
	For >250 To 500, Deduct	-21.72	
	For >500, Deduct	-30.85	
26 51 19 00-0377	EA 19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	209.85	45.55
	For >50 To 100, Deduct	-6.97	
	For >100 To 250, Deduct	-12.22	
	For >250 To 500, Deduct	-20.99	
	For >500, Deduct	-29.75	
26 51 19 00-0378	EA 19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	209.91	45.55
	For >50 To 100, Deduct	-6.97	
	For >100 To 250, Deduct	-12.22	
	For >250 To 500, Deduct	-20.99	
	For >500, Deduct	-29.76	
26 51 19 00-0379	EA 19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	172.33	45.55
	For >50 To 100, Deduct	-6.03	
	For >100 To 250, Deduct	-10.34	
	For >250 To 500, Deduct	-17.23	
	For >500, Deduct	-24.12	
26 51 19 00-0380	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	187.08	45.55
	For >50 To 100, Deduct	-6.40	
	For >100 To 250, Deduct	-11.08	
	For >250 To 500, Deduct	-18.71	
	For >500, Deduct	-26.34	
26 51 19 00-0381	EA 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	183.48	45.55
	For >50 To 100, Deduct	-6.31	
	For >100 To 250, Deduct	-10.90	
	For >250 To 500, Deduct	-18.35	
	For >500, Deduct	-25.80	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 51 19 00-0400	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50).....	183.42	45.55
		For >50 To 100, Deduct	-6.31	
		For >100 To 250, Deduct	-10.90	
		For >250 To 500, Deduct	-18.34	
		For >500, Deduct	-25.79	
26 51 19 00-0401	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	200.06	45.55
		For >50 To 100, Deduct	-6.73	
		For >100 To 250, Deduct	-11.73	
		For >250 To 500, Deduct	-20.01	
		For >500, Deduct	-28.28	
26 51 19 00-0402	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	194.69	45.55
		For >50 To 100, Deduct	-6.59	
		For >100 To 250, Deduct	-11.46	
		For >250 To 500, Deduct	-19.47	
		For >500, Deduct	-27.48	
26 51 19 00-0403	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	217.16	45.55
		For >50 To 100, Deduct	-7.16	
		For >100 To 250, Deduct	-12.58	
		For >250 To 500, Deduct	-21.72	
		For >500, Deduct	-30.85	
26 51 19 00-0404	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50).....	209.85	45.55
		For >50 To 100, Deduct	-6.97	
		For >100 To 250, Deduct	-12.22	
		For >250 To 500, Deduct	-20.99	
		For >500, Deduct	-29.75	
26 51 19 00-0405	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50).....	209.91	45.55
		For >50 To 100, Deduct	-6.97	
		For >100 To 250, Deduct	-12.22	
		For >250 To 500, Deduct	-20.99	
		For >500, Deduct	-29.76	

26 51 19 00-0406 Ceiling Mounted, LED Mushroom Fixtures (Mobern) (26 51 19 00-0332)

26 51 19 00-0407	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30).....	130.15	42.20
		For >50 To 100, Deduct	-4.84	
		For >100 To 250, Deduct	-8.09	
		For >250 To 500, Deduct	-13.02	
		For >500, Deduct	-17.94	

26 51 19 00-0408 Ceiling Mounted, LED Fixtures (Sylvania) (26 51 19 00-0332)

26 51 19 00-0409	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	429.46	45.55
		For >50 To 100, Deduct	-12.46	
		For >100 To 250, Deduct	-23.20	
		For >250 To 500, Deduct	-42.95	
		For >500, Deduct	-62.69	
26 51 19 00-0410	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMK1T1A/24A/WH)	175.50	38.36
		For >50 To 100, Deduct	-5.83	
		For >100 To 250, Deduct	-10.21	
		For >250 To 500, Deduct	-17.55	
		For >500, Deduct	-24.89	
26 51 19 00-0411	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMK1T1A/24A/WH)	216.98	44.69
		For >50 To 100, Deduct	-7.10	
		For >100 To 250, Deduct	-12.53	
		For >250 To 500, Deduct	-21.70	
		For >500, Deduct	-30.87	
26 51 19 00-0412	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMK1T1A/24A/WH)	219.27	44.69
		For >50 To 100, Deduct	-7.16	
		For >100 To 250, Deduct	-12.64	
		For >250 To 500, Deduct	-21.93	
		For >500, Deduct	-31.21	

26 51 19 00-0413 Refrigeration/Display LED Fixtures (26 51 19 00-0001)

26 51 19 00-0414 Refrigeration/Display LED Fixtures (Lithonia) (26 51 19 00-0413)

Note: Fixtures exclude driver.

26 51 19 00-0415	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	297.63	44.69
		For >50 To 100, Deduct	-9.12	
		For >100 To 250, Deduct	-16.56	
		For >250 To 500, Deduct	-29.76	
		For >500, Deduct	-42.97	
26 51 19 00-0416	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC).....	381.78	79.11
		For >50 To 100, Deduct	-12.54	
		For >100 To 250, Deduct	-22.09	
		For >250 To 500, Deduct	-38.18	
		For >500, Deduct	-54.27	
26 51 19 00-0417	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	368.93	63.29
		For >50 To 100, Deduct	-11.62	
		For >100 To 250, Deduct	-20.84	
		For >250 To 500, Deduct	-36.89	
		For >500, Deduct	-52.94	

26 51 19 00-0418 Pendant Mount, LED Fixtures (26 51 19 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 19 00-0419 Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) <small>(26 51 19 00-0419)</small>					
26 51 19 00-0420	EA		2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S).....	1,552.14	97.82
			<i>For >50 To 100, Deduct</i>	-42.88	
			<i>For >100 To 250, Deduct</i>	-81.68	
			<i>For >250 To 500, Deduct</i>	-155.21	
			<i>For >500, Deduct</i>	-228.75	
26 51 19 00-0421	EA		3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S).....	2,321.19	103.57
			<i>For >50 To 100, Deduct</i>	-62.35	
			<i>For >100 To 250, Deduct</i>	-120.37	
			<i>For >250 To 500, Deduct</i>	-232.12	
			<i>For >500, Deduct</i>	-343.86	
26 51 19 00-0422	EA		4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S).....	2,952.46	109.32
			<i>For >50 To 100, Deduct</i>	-78.37	
			<i>For >100 To 250, Deduct</i>	-152.18	
			<i>For >250 To 500, Deduct</i>	-295.25	
			<i>For >500, Deduct</i>	-438.31	
26 51 19 00-0423	EA		5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S).....	3,721.51	115.07
			<i>For >50 To 100, Deduct</i>	-97.83	
			<i>For >100 To 250, Deduct</i>	-190.87	
			<i>For >250 To 500, Deduct</i>	-372.15	
			<i>For >500, Deduct</i>	-553.43	
26 51 19 00-0424	EA		2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S).....	1,643.23	97.82
			<i>For >50 To 100, Deduct</i>	-45.16	
			<i>For >100 To 250, Deduct</i>	-86.24	
			<i>For >250 To 500, Deduct</i>	-164.32	
			<i>For >500, Deduct</i>	-242.41	
26 51 19 00-0425	EA		3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S).....	2,441.88	103.57
			<i>For >50 To 100, Deduct</i>	-65.36	
			<i>For >100 To 250, Deduct</i>	-126.41	
			<i>For >250 To 500, Deduct</i>	-244.19	
			<i>For >500, Deduct</i>	-361.97	
26 51 19 00-0426	EA		4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S).....	3,074.29	109.32
			<i>For >50 To 100, Deduct</i>	-81.41	
			<i>For >100 To 250, Deduct</i>	-158.27	
			<i>For >250 To 500, Deduct</i>	-307.43	
			<i>For >500, Deduct</i>	-456.59	
26 51 19 00-0427	EA		5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S).....	3,858.15	115.07
			<i>For >50 To 100, Deduct</i>	-101.25	
			<i>For >100 To 250, Deduct</i>	-197.70	
			<i>For >250 To 500, Deduct</i>	-385.82	
			<i>For >500, Deduct</i>	-573.93	
26 51 19 00-0428 Pendant Mount, LED Commercial Fixtures (DMF) <small>(26 51 19 00-0419)</small>					
26 51 19 00-0429	EA		3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED).....	611.68	57.54
			<i>For >50 To 100, Deduct</i>	-17.69	
			<i>For >100 To 250, Deduct</i>	-32.98	
			<i>For >250 To 500, Deduct</i>	-61.17	
			<i>For >500, Deduct</i>	-89.35	
26 51 19 00-0430 LED Track Lighting Fixtures <small>(26 51 19)</small>					
26 51 19 00-0431	EA		19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™).....	229.73	17.53
			<i>For >50 To 100, Deduct</i>	-6.40	
			<i>For >100 To 250, Deduct</i>	-12.14	
			<i>For >250 To 500, Deduct</i>	-22.97	
			<i>For >500, Deduct</i>	-33.80	
26 51 19 00-0432	EA		18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED).....	406.94	17.53
			<i>For >50 To 100, Deduct</i>	-10.83	
			<i>For >100 To 250, Deduct</i>	-21.00	
			<i>For >250 To 500, Deduct</i>	-40.69	
			<i>For >500, Deduct</i>	-60.38	
26 51 19 00-0433	EA		24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33).....	236.46	17.53
			<i>For >50 To 100, Deduct</i>	-6.57	
			<i>For >100 To 250, Deduct</i>	-12.48	
			<i>For >250 To 500, Deduct</i>	-23.65	
			<i>For >500, Deduct</i>	-34.81	
26 51 23 HID Interior Lighting <small>(26 51)</small>					
26 51 23 00-0001 Large Interior Area Fixtures <small>(26 51 23)</small>					
26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0001)</small> Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.					
26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0002)</small>					
26 51 23 00-0004	EA		150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	329.37	111.92
26 51 23 00-0005	EA		250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	344.19	118.84
26 51 23 00-0006	EA		400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	365.88	135.64

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 51 23 00-0007		Metal Halide, Recessed Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0002)</small>			
26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	334.40	111.92	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	346.33	118.84	
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	373.12	135.64	
26 51 23 00-0011		Low Bay Fixtures, Large Interior Area Fixtures <small>(26 51 23 00-0001)</small>			
		Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.			
26 51 23 00-0012		High Pressure Sodium, Low Bay Fixtures <small>(26 51 23 00-0011)</small>			
26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	337.01	102.23	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	347.67	108.55	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	372.13	123.90	
26 51 23 00-0016		Metal Halide, Low Bay Fixtures <small>(26 51 23 00-0011)</small>			
26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	333.92	102.23	
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	344.13	108.55	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	374.65	123.90	
26 51 23 00-0020		High Bay Fixtures, Large Interior Area Fixtures <small>(26 51 23 00-0001)</small>			
		Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.			
26 51 23 00-0021		High Pressure Sodium, High Bay Fixtures <small>(26 51 23 00-0020)</small>			
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.			
26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	315.32	108.55	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	343.19	123.90	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	481.26	130.32	
26 51 23 00-0025		Metal Halide, High Bay Fixtures <small>(26 51 23 00-0020)</small>			
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.			
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	296.58	108.55	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	326.97	123.90	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	416.36	130.32	
26 51 23 00-0029		Induction, High Bay Fixtures <small>(26 51 23 00-0020)</small>			
26 51 23 00-0030		Induction, High Bay Fixtures (Everlast®) <small>(26 51 23 00-0029)</small>			
		Note: Includes die cast aluminum ballast casing and acrylic lens.			
26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	509.65	94.93	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	549.48	98.10	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	559.11	101.27	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	613.44	104.43	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	629.10	107.60	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	551.93	94.93	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	591.77	98.10	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	601.39	101.27	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	655.73	104.43	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	671.39	107.60	
		For Impact Resistant Silicon Lens, Add	20.00		
26 51 23 00-0041		Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0001)</small>			
		Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.			
26 51 23 00-0042		High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0041)</small>			
26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	260.70	72.76	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	427.19	72.76	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	488.57	72.76	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	647.53	72.76	
26 51 23 00-0047		Metal Halide, Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 23 00-0041)</small>			
26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	346.48	72.76	
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	370.38	80.73	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	395.23	87.45	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	431.40	104.14	
26 51 23 00-0052		High Pressure Sodium, Recessed Fixture Housings <small>(26 51 23)</small>			
26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	109.58	30.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51 23 00-0054	EA		5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	113.88	30.23
26 51 23 00-0055	EA		6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	119.57	31.50
26 51 23 00-0056	EA		7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	124.02	32.86
26 51 23 00-0057	EA		8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	128.42	34.22
26 51 23 00-0058	EA		10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	132.73	36.32

26 51 23 00-0059 Metal Halide Track Lighting Fixtures <small>(26 51 23)</small>					
26 51 23 00-0060	EA		Metal Halide Track Lighting Fixture	70.36	17.53

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 23)</small>					
26 51 23 00-0062	EA		75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	215.15	41.99
26 51 23 00-0063	EA		100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	222.93	41.99
26 51 23 00-0064	EA		150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	238.74	41.99
26 51 23 00-0065	EA		175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	262.51	41.99

26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 23)</small>					
26 51 23 00-0067	EA		70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	196.63	41.99
26 51 23 00-0068	EA		100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	206.29	41.99
26 51 23 00-0069	EA		150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	243.66	41.99

26 51 33 Interior Lighting Accessories (26 51)

26 51 33 00-0001 Accessories And Modifiers For Fixtures <small>(26 51 33)</small>					
26 51 33 00-0002 Lens Modifications <small>(26 51 33 00-0001)</small>					
26 51 33 00-0003	EA		For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	21.69	
26 51 33 00-0004	EA		For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	26.79	
26 51 33 00-0005	EA		For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	28.07	
26 51 33 00-0006	EA		For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	30.62	
26 51 33 00-0007	EA		For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	37.00	
26 51 33 00-0008	EA		For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	8.93	
26 51 33 00-0009	EA		For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	12.76	
26 51 33 00-0010	EA		For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	14.03	
26 51 33 00-0011	EA		For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	16.59	

26 51 33 00-0012 Pendant Mounting Modifications <small>(26 51 33 00-0001)</small>					
Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.					
26 51 33 00-0013	EA		For Pendant Mounting Up to 1'-6" Long Section.....	9.70	
Note: Per pendant.					
26 51 33 00-0014	EA		For Pendant Mounting 2' Long Section.....	11.23	
Note: Per pendant.					
26 51 33 00-0015	EA		For Pendant Mounting 3' Long Section.....	14.37	
Note: Per pendant.					
26 51 33 00-0016	EA		For Pendant Mounting 4' Long Section.....	16.97	
Note: Per pendant.					
26 51 33 00-0017	EA		For Pendant Mounting 6' Long Section.....	21.44	
Note: Per pendant.					
26 51 33 00-0018	EA		For Pendant Mounting 8' Long Section.....	29.09	
Note: Per pendant.					

26 51 33 00-0019 Fluorescent Light Accessories <small>(26 51 33 00-0001)</small>					
26 51 33 00-0020	EA		Blank Metal Light Box Plate	17.68	
26 51 33 00-0021	EA		Factory Installed Fixture Mounted Occupancy Sensor	98.23	

26 51 33 00-0022 Wire Guards <small>(26 51 33 00-0001)</small>					
26 51 33 00-0023	EA		Wire Guard for 6" x 2' Fixture.....	44.62	5.26
26 51 33 00-0024	EA		Wire Guard for 6" x 4' Fixture.....	63.21	8.41
26 51 33 00-0025	EA		Wire Guard for 1" x 2' Fixture.....	49.77	5.78
26 51 33 00-0026	EA		Wire Guard for 1" x 4' Fixture.....	71.08	8.94
26 51 33 00-0027	EA		Wire Guard for 2" x 2' Fixture.....	60.37	6.31
26 51 33 00-0028	EA		Wire Guard for 2" x 4' Fixture.....	83.04	9.46

26 51 33 00-0029 Lighting Accessories <small>(26 51 33)</small>					
26 51 33 00-0030 Modular Flexible Wiring Systems <small>(26 51 33 00-0029)</small>					
26 51 33 00-0031	EA		10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	66.15	5.67
26 51 33 00-0032	EA		15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	75.50	5.67
26 51 33 00-0033	EA		20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	90.33	5.67
26 51 33 00-0034	EA		15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	75.50	5.67
26 51 33 00-0035	EA		3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	69.08	5.67
26 51 33 00-0036	EA		13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	98.96	5.67
26 51 33 00-0037	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	56.12	5.67

26	26	Electrical
	26 50	Lighting
	26 51	Interior Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 51	33	00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	62.73	5.67
26 51	33	00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	77.83	5.67
26 51	33	00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	77.83	5.67
26 51	33	00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	79.07	5.67
26 51	33	00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	78.61	5.67
26 51	33	00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	78.61	5.67
26 51	33	00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	89.73	5.67
26 51	33	00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	43.47	5.67
26 51	33	00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	40.87	5.67
26 51	33	00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	41.78	5.67
26 51	33	00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	51.40	5.67
26 51	33	00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	66.15	5.67
26 51	33	00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	67.72	5.67
26 51	33	00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	53.79	5.67
26 51	33	00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	40.87	5.67
26 51	33	00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	47.24	

26 51 33 00-0054 Additional Lighting Wire Whips (26 51 33)

26 51	33	00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add	1.06	
Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.						

26 51 33 00-0056 Removal And Reinstallation Of Light Fixtures (26 51 33)

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.						
26 51	33	00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	111.72	
26 51	33	00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	127.68	

26 52 Safety Lighting (26 50)

26 52 13 Emergency and Exit Lighting (26 52)

26 52 13 13 Emergency Lighting (26 52 13)

26 52 13 13-0001 Commercial Emergency Lights (26 52 13 13)

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights (26 52 13 13-0001)

Note: Includes lead-calcium batteries and two adjustable lamp heads.						
26 52	13	13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	159.50	26.25
26 52	13	13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	114.52	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	
26 52	13	13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	173.38	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	
26 52	13	13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	200.03	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	
26 52	13	13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	291.59	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	
26 52	13	13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	328.76	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	
26 52	13	13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	473.58	26.25
				For Halogen Lamps, Add	27.55	
				For Self-Diagnostics, Add	87.50	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights (26 52 13 13-0001)

Note: For use with fixtures that have remote capability.						
26 52	13	13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	106.89	15.75
26 52	13	13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	107.56	15.75
26 52	13	13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	109.81	15.75
26 52	13	13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	109.44	15.75
26 52	13	13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	95.64	15.75
26 52	13	13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	68.24	15.75

26 52 13 13-0017 Industrial Emergency Lights (26 52 13 13)

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights (26 52 13 13-0017)

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights (26 52 13 13-0018)

Note: Includes lead-calcium batteries and two adjustable lamp heads.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 52 13 13-0020	EA		16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16).....	271.37	
			<i>For Wireguard, Add</i>	131.69	26.25
26 52 13 13-0021	EA		24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24).....	229.78	26.25
			<i>For Wireguard, Add</i>	131.69	
26 52 13 13-0022	EA		36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36).....	351.32	26.25
			<i>For Wireguard, Add</i>	131.69	
26 52 13 13-0023	EA		50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50).....	372.30	26.25
			<i>For Wireguard, Add</i>	131.69	
26 52 13 13-0024	EA		125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125).....	526.12	26.25
			<i>For Wireguard, Add</i>	140.26	
26 52 13 13-0025	EA		275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275).....	820.39	26.25
			<i>For Wireguard, Add</i>	140.26	
26 52 13 13-0026			Remote Heads For Painted Steel Housing, Industrial Emergency Lights <small>(26 52 13 13-0018)</small>		
			<i>Note: For use with fixtures that have remote capability.</i>		
26 52 13 13-0027	EA		8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806).....	84.03	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0028	EA		12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206).....	86.65	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0029	EA		8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812).....	84.40	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0030	EA		12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212).....	84.82	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0031	EA		12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	86.65	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0032	EA		12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	99.90	15.75
			<i>For Wireguard, Add</i>	106.28	
26 52 13 13-0033			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0017)</small>		
26 52 13 13-0034			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
			<i>Note: Includes lead-calcium batteries and two adjustable lamp heads.</i>		
26 52 13 13-0035	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618).....	268.02	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0036	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	290.22	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0037	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	284.14	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0038	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	299.64	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0039	EA		100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	496.02	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0040	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	392.36	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0041	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	437.96	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0042	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	461.06	26.25
			<i>For Wireguard, Add</i>	128.04	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0043			Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
			<i>Note: For use with fixtures that have remote capability.</i>		
26 52 13 13-0044	EA		9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	74.00	15.75
26 52 13 13-0045	EA		12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	79.29	15.75

26 Electrical**26 50 Lighting****26 52 Safety Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 52 13 13-0046	EA 9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	74.06	15.75
26 52 13 13-0047	EA 12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	77.95	15.75
26 52 13 13-0048	EA 12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	67.96	15.75
26 52 13 13-0049	Outdoor Emergency Lights (26 52 13 13)		
26 52 13 13-0050	Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights (26 52 13 13-0049) Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA 10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	414.55	26.25
26 52 13 13-0052	EA 10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	492.07	26.25
26 52 13 13-0053	Recessed Emergency Lights (26 52 13 13)		
26 52 13 13-0054	EA 10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	449.68	26.25
	<i>For Wire Guard, Add</i>	60.00	
26 52 13 13-0055	EA 16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	372.64	52.49
	Note: Includes lead-calcium batteries and two adjustable lamp heads.		
	<i>For Wireguard, Add</i>	140.26	
26 52 13 13-0056	EA 50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	522.89	52.49
	Note: Includes lead-calcium batteries and two adjustable lamp heads.		
	<i>For Wireguard, Add</i>	140.26	
26 52 13 13-0057	Square Wraparound Emergency Lights (26 52 13 13)		
26 52 13 13-0058	EA 10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ).....	212.72	26.25
26 52 13 16	Exit Signs (26 52 13)		
	Note: Excludes pendants.		
26 52 13 16-0001	LED Exit Signs (26 52 13 16) Note: Includes red LED lamps.		
26 52 13 16-0002	EA Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM).....	138.31	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For >50 To 100, Deduct</i>	-5.38	
	<i>For >100 To 250, Deduct</i>	-8.83	
	<i>For >250 To 500, Deduct</i>	-13.83	
	<i>For >500, Deduct</i>	-18.83	
26 52 13 16-0003	EA Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM).....	138.31	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For >50 To 100, Deduct</i>	-5.38	
	<i>For >100 To 250, Deduct</i>	-8.83	
	<i>For >250 To 500, Deduct</i>	-13.83	
	<i>For >500, Deduct</i>	-18.83	
26 52 13 16-0004	EA Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN).....	184.37	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For Self-Diagnostics, Add</i>	50.00	
	<i>For >50 To 100, Deduct</i>	-6.53	
	<i>For >100 To 250, Deduct</i>	-11.14	
	<i>For >250 To 500, Deduct</i>	-18.44	
	<i>For >500, Deduct</i>	-25.74	
26 52 13 16-0005	EA Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN).....	184.37	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For Self-Diagnostics, Add</i>	50.00	
	<i>For >50 To 100, Deduct</i>	-6.53	
	<i>For >100 To 250, Deduct</i>	-11.14	
	<i>For >250 To 500, Deduct</i>	-18.44	
	<i>For >500, Deduct</i>	-25.74	
26 52 13 16-0006	EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC).....	200.82	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For >50 To 100, Deduct</i>	-6.94	
	<i>For >100 To 250, Deduct</i>	-11.96	
	<i>For >250 To 500, Deduct</i>	-20.08	
	<i>For >500, Deduct</i>	-28.20	
26 52 13 16-0007	EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC).....	224.83	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For >50 To 100, Deduct</i>	-7.54	
	<i>For >100 To 250, Deduct</i>	-13.16	
	<i>For >250 To 500, Deduct</i>	-22.48	
	<i>For >500, Deduct</i>	-31.81	
26 52 13 16-0008	EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN).....	190.79	38.37
	<i>For Green LED Lamps, Add</i>	15.00	
	<i>For Self-Diagnostics, Add</i>	50.00	
	<i>For >50 To 100, Deduct</i>	-6.69	
	<i>For >100 To 250, Deduct</i>	-11.46	
	<i>For >250 To 500, Deduct</i>	-19.08	
	<i>For >500, Deduct</i>	-26.70	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 52 13 16-0009	EA			Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	208.21	38.37
				For Green LED Lamps, Add	15.00	
				For Self-Diagnostics, Add	50.00	
				For >50 To 100, Deduct	-7.12	
				For >100 To 250, Deduct	-12.33	
				For >250 To 500, Deduct	-20.82	
				For >500, Deduct	-29.31	
26 52 13 16-0010	EA			Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM)	244.84	38.37
				Note: Includes two circular side mounted krypton emergency lights.		
				For Green LED Lamps, Add	15.00	
				For >50 To 100, Deduct	-8.75	
				For >100 To 250, Deduct	-14.87	
				For >250 To 500, Deduct	-24.48	
				For >500, Deduct	-34.10	
26 52 13 16-0011	EA			Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED)	334.07	38.37
				Note: Includes two circular side mounted LED emergency lights.		
				For Green LED Lamps, Add	15.00	
				For >50 To 100, Deduct	-10.98	
				For >100 To 250, Deduct	-19.33	
				For >250 To 500, Deduct	-33.41	
				For >500, Deduct	-47.49	
26 52 13 16-0012	EA			Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	299.35	38.37
				Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
				For Green LED Lamps, Add	15.00	
				For >50 To 100, Deduct	-10.11	
				For >100 To 250, Deduct	-17.59	
				For >250 To 500, Deduct	-29.94	
				For >500, Deduct	-42.28	
26 52 13 16-0013	EA			Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	312.00	38.37
				Note: Includes two circular side mounted PAR 36 emergency lights.		
				For Green LED Lamps, Add	15.00	
				For >50 To 100, Deduct	-10.42	
				For >100 To 250, Deduct	-18.22	
				For >250 To 500, Deduct	-31.20	
				For >500, Deduct	-44.18	
26 52 13 16-0014	EA			Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	99.52	38.37
				For >50 To 100, Deduct	-4.41	
				For >100 To 250, Deduct	-6.89	
				For >250 To 500, Deduct	-9.95	
				For >500, Deduct	-13.01	
26 52 13 16-0015	EA			120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	99.82	38.43
				For >50 To 100, Deduct	-4.41	
				For >100 To 250, Deduct	-6.91	
				For >250 To 500, Deduct	-9.98	
				For >500, Deduct	-13.05	
26 52 13 16-0016				Edge-Lit LED Exit Signs <small>(26 52 13 16)</small>		
				Note: Includes red LED lamps.		
26 52 13 16-0017	EA			Single Face, Edge-Lit LED Exit Sign	271.21	38.37
				For Green LED Lamps, Add	40.00	
				For >50 To 100, Deduct	-8.70	
				For >100 To 250, Deduct	-15.48	
				For >250 To 500, Deduct	-27.12	
				For >500, Deduct	-38.76	
26 52 13 16-0018	EA			Double Face, Edge-Lit LED Exit Sign	289.50	38.37
				For Green LED Lamps, Add	40.00	
				For >50 To 100, Deduct	-9.16	
				For >100 To 250, Deduct	-16.39	
				For >250 To 500, Deduct	-28.95	
				For >500, Deduct	-41.51	
26 52 13 16-0019	EA			Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	327.68	38.37
				For Green LED Lamps, Add	40.00	
				For Self-Diagnostics, Add	50.00	
				For >50 To 100, Deduct	-10.11	
				For >100 To 250, Deduct	-18.30	
				For >250 To 500, Deduct	-32.77	
				For >500, Deduct	-47.23	
26 52 13 16-0020	EA			Double Face, Edge-Lit LED Exit Sign With Battery Back-Up	341.16	38.37
				For Green LED Lamps, Add	40.00	
				For Self-Diagnostics, Add	50.00	
				For >50 To 100, Deduct	-10.45	
				For >100 To 250, Deduct	-18.98	
				For >250 To 500, Deduct	-34.12	
				For >500, Deduct	-49.26	
26 52 13 16-0021				Self-Luminous Tritium Exit Signs <small>(26 52 13 16)</small>		
				Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0022	EA			10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	361.29	38.37
				For >50 To 100, Deduct	-10.95	
				For >100 To 250, Deduct	-19.98	
				For >250 To 500, Deduct	-36.13	
				For >500, Deduct	-52.27	

26 Electrical**26 50 Lighting****26 52 Safety Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0023	EA		10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	645.53	38.37
			<i>For >50 To 100, Deduct</i>	-18.06	
			<i>For >100 To 250, Deduct</i>	-34.20	
			<i>For >250 To 500, Deduct</i>	-64.55	
			<i>For >500, Deduct</i>	-94.91	
26 52 13 16-0024	EA		20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	426.04	38.37
			<i>For >50 To 100, Deduct</i>	-12.57	
			<i>For >100 To 250, Deduct</i>	-23.22	
			<i>For >250 To 500, Deduct</i>	-42.60	
			<i>For >500, Deduct</i>	-61.99	
26 52 13 16-0025	EA		20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	697.51	38.37
			<i>For >50 To 100, Deduct</i>	-19.36	
			<i>For >100 To 250, Deduct</i>	-36.79	
			<i>For >250 To 500, Deduct</i>	-69.75	
			<i>For >500, Deduct</i>	-102.71	
26 52 13 16-0026	EA		10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	393.52	38.37
			<i>For >50 To 100, Deduct</i>	-11.76	
			<i>For >100 To 250, Deduct</i>	-21.59	
			<i>For >250 To 500, Deduct</i>	-39.35	
			<i>For >500, Deduct</i>	-57.11	
26 52 13 16-0027	EA		10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	697.51	38.37
			<i>For >50 To 100, Deduct</i>	-19.36	
			<i>For >100 To 250, Deduct</i>	-36.79	
			<i>For >250 To 500, Deduct</i>	-69.75	
			<i>For >500, Deduct</i>	-102.71	
26 52 13 16-0028	EA		20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	477.72	38.37
			<i>For >50 To 100, Deduct</i>	-13.86	
			<i>For >100 To 250, Deduct</i>	-25.80	
			<i>For >250 To 500, Deduct</i>	-47.77	
			<i>For >500, Deduct</i>	-69.74	
26 52 13 16-0029	EA		20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	860.46	38.37
			<i>For >50 To 100, Deduct</i>	-23.43	
			<i>For >100 To 250, Deduct</i>	-44.94	
			<i>For >250 To 500, Deduct</i>	-86.05	
			<i>For >500, Deduct</i>	-127.15	
26 52 13 16-0030			Vandal-Resistant LED Exit Signs <small>(26 52 13 16)</small>		
			Note: Includes red LED lamps.		
26 52 13 16-0031	EA		Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign.....	342.14	38.37
			<i>For >50 To 100, Deduct</i>	-10.47	
			<i>For >100 To 250, Deduct</i>	-19.03	
			<i>For >250 To 500, Deduct</i>	-34.21	
			<i>For >500, Deduct</i>	-49.40	
26 52 13 16-0032	EA		Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup.....	518.15	38.37
			<i>For >50 To 100, Deduct</i>	-14.87	
			<i>For >100 To 250, Deduct</i>	-27.83	
			<i>For >250 To 500, Deduct</i>	-51.82	
			<i>For >500, Deduct</i>	-75.80	
26 52 13 16-0033	EA		Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup.....	626.07	38.37
			<i>For >50 To 100, Deduct</i>	-17.57	
			<i>For >100 To 250, Deduct</i>	-33.22	
			<i>For >250 To 500, Deduct</i>	-62.61	
			<i>For >500, Deduct</i>	-91.99	
26 52 13 16-0034			Remove And Reinstall Exit Light Fixture <small>(26 52 13 16)</small>		
26 52 13 16-0035	EA		Removal And Reinstall Of Exit Light Fixtures.....	78.74	
			Note: Includes storage and cleaning.		
			<i>For >50 To 100, Deduct</i>	-3.94	
			<i>For >100 To 250, Deduct</i>	-5.91	
			<i>For >250 To 500, Deduct</i>	-7.87	
			<i>For >500, Deduct</i>	-9.84	
26 52 13 16-0036			Exit Sign Accessories <small>(26 52 13 16)</small>		
26 52 13 16-0037	EA		Polycarbonate Vandal Shield For Exit Signs.....	81.81	10.51
			<i>For >50 To 100, Deduct</i>	-2.57	
			<i>For >100 To 250, Deduct</i>	-4.62	
			<i>For >250 To 500, Deduct</i>	-8.18	
			<i>For >500, Deduct</i>	-11.75	
26 52 13 16-0038	EA		Wire Guard For Exit Signs Or Emergency Lights.....	50.38	10.51
			<i>For >50 To 100, Deduct</i>	-1.79	
			<i>For >100 To 250, Deduct</i>	-3.04	
			<i>For >250 To 500, Deduct</i>	-5.04	
			<i>For >500, Deduct</i>	-7.03	
26 52 13 16-0039	EA		Wire Guard For Combination Exit Sign And Emergency Light.....	75.55	8.41
			<i>For >50 To 100, Deduct</i>	-2.31	
			<i>For >100 To 250, Deduct</i>	-4.20	
			<i>For >250 To 500, Deduct</i>	-7.56	
			<i>For >500, Deduct</i>	-10.91	
26 52 13 16-0040	EA		Removal And Replacement Of Battery For Exit Signs.....	83.36	
			<i>For >50 To 100, Deduct</i>	-2.74	
			<i>For >100 To 250, Deduct</i>	-4.83	
			<i>For >250 To 500, Deduct</i>	-8.34	
			<i>For >500, Deduct</i>	-11.85	

26 54 Classified Location Lighting (26 50)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 54 19 LED Classified Location Lighting (26 54)

26 54 19 00-0001	Class I Division 2, Hazardous Location, LED Fixtures (26 54 19)		
26 54 19 00-0002	Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) (26 54 19 00-0001) Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0003	EA 5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L).....	2,272.32	86.31
	For Bolt-On Visor, Add	87.38	
	For Bolt-On Wire Guard, Add	179.73	
	For 480 Volt, Add	153.88	
	For Warm White Color Rendering, Add	65.34	
	For >50 To 100, Deduct	-60.40	
	For >100 To 250, Deduct	-117.21	
	For >250 To 500, Deduct	-227.23	
	For >500, Deduct	-337.25	
26 54 19 00-0004	EA 7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L).....	2,785.27	92.06
	For Bolt-On Visor, Add	87.38	
	For Bolt-On Wire Guard, Add	179.73	
	For 480 Volt, Add	153.88	
	For Warm White Color Rendering, Add	65.34	
	For >50 To 100, Deduct	-73.47	
	For >100 To 250, Deduct	-143.10	
	For >250 To 500, Deduct	-278.53	
	For >500, Deduct	-413.95	
26 54 19 00-0005	EA 9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L).....	3,147.25	97.82
	For Bolt-On Visor, Add	87.38	
	For Bolt-On Wire Guard, Add	179.73	
	For 480 Volt, Add	153.88	
	For Warm White Color Rendering, Add	65.34	
	For >50 To 100, Deduct	-82.76	
	For >100 To 250, Deduct	-161.44	
	For >250 To 500, Deduct	-314.73	
	For >500, Deduct	-468.01	
26 54 19 00-0006	EA 11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L).....	3,519.28	103.57
	For Bolt-On Visor, Add	87.38	
	For Bolt-On Wire Guard, Add	179.73	
	For 480 Volt, Add	153.88	
	For Warm White Color Rendering, Add	65.34	
	For >50 To 100, Deduct	-92.30	
	For >100 To 250, Deduct	-180.28	
	For >250 To 500, Deduct	-351.93	
	For >500, Deduct	-523.58	
26 54 19 00-0007	Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) (26 54 19 00-0001) Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0008	EA 1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC).....	1,339.12	80.55
	For 12/24 Volt DC Driver, Add	24.84	
	For Frosted Lens, Add	50.75	
	For Warm White Color Temperature LEDs, Add	65.34	
	For 55 Degree Ambient Suitability (AC Only) Option, Add	33.81	
	For Stanchion Mount, Add	209.37	
	For Ceiling Mount, Add	83.96	
	For Wall Mount, Add	122.56	
	For Teflon Coated Lens, Add	107.72	
	For Wall Mount With Junction Box, Add	178.94	
	For >50 To 100, Deduct	-36.83	
	For >100 To 250, Deduct	-70.31	
	For >250 To 500, Deduct	-133.91	
	For >500, Deduct	-197.51	
26 54 19 00-0009	Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) (26 54 19 00-0001) Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010	EA 3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L).....	2,135.29	80.55
	For Ceiling Mount, Add	16.07	
	For Quick Clip Mounting Option, Add	23.60	
	For Frosted Lens, Add	50.75	
	For Warm White Color Rendering, Add	65.34	
	For Polycarbonate Lens, Add	94.07	
	For 480 Volt, Add	153.88	
	For >50 To 100, Deduct	-56.74	
	For >100 To 250, Deduct	-110.12	
	For >250 To 500, Deduct	-213.53	
	For >500, Deduct	-316.94	

26 Electrical**26 50 Lighting****26 54 Classified Location Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,366.01	86.31
		For Ceiling Mount, Add	16.07	
		For Quick Clip Mounting Option, Add	23.60	
		For Frosted Lens, Add	50.75	
		For Warm White Color Rendering, Add	65.34	
		For Polycarbonate Lens, Add	94.07	
		For 480 Volt, Add	153.88	
		For >50 To 100, Deduct	-62.75	
		For >100 To 250, Deduct	-121.90	
		For >250 To 500, Deduct	-236.60	
		For >500, Deduct	-351.31	
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	2,652.20	92.06
		For Ceiling Mount, Add	16.07	
		For Quick Clip Mounting Option, Add	23.60	
		For Frosted Lens, Add	50.75	
		For Warm White Color Rendering, Add	65.34	
		For Polycarbonate Lens, Add	94.07	
		For 480 Volt, Add	153.88	
		For >50 To 100, Deduct	-70.14	
		For >100 To 250, Deduct	-136.45	
		For >250 To 500, Deduct	-265.22	
		For >500, Deduct	-393.99	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	3,458.84	97.82
		For Ceiling Mount, Add	16.07	
		For Quick Clip Mounting Option, Add	23.60	
		For Frosted Lens, Add	50.75	
		For Warm White Color Rendering, Add	65.34	
		For Polycarbonate Lens, Add	94.07	
		For 480 Volt, Add	153.88	
		For >50 To 100, Deduct	-90.55	
		For >100 To 250, Deduct	-177.02	
		For >250 To 500, Deduct	-345.88	
		For >500, Deduct	-514.75	
26 54 19 00-0014	EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L).....	3,969.94	103.57
		For Ceiling Mount, Add	16.07	
		For Quick Clip Mounting Option, Add	23.60	
		For Frosted Lens, Add	50.75	
		For Warm White Color Rendering, Add	65.34	
		For Polycarbonate Lens, Add	94.07	
		For 480 Volt, Add	153.88	
		For >50 To 100, Deduct	-103.56	
		For >100 To 250, Deduct	-202.81	
		For >250 To 500, Deduct	-396.99	
		For >500, Deduct	-591.18	
26 54 19 00-0015		Class I Division 1, Explosion Proof, LED Fixtures ^(26 54 19)		
26 54 19 00-0016		Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) ^(26 54 19 00-0015)		
		Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L).....	3,032.48	86.31
		For Wall Mount, Deduct	-11.54	
		For Warm Color Temperature LEDs, Add	62.22	
		For Stainless Steel Guard, Add	111.69	
		For Ceiling Mount, Add	134.74	
		For Stanchion Mount, Add	156.81	
		For Yoke Mount, Add	392.03	
		For >50 To 100, Deduct	-79.41	
		For >100 To 250, Deduct	-155.22	
		For >250 To 500, Deduct	-303.25	
		For >500, Deduct	-451.28	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L).....	3,686.16	92.06
		For Wall Mount, Deduct	-11.54	
		For Warm Color Temperature LEDs, Add	62.22	
		For Stainless Steel Guard, Add	111.69	
		For Ceiling Mount, Add	134.74	
		For Stanchion Mount, Add	156.81	
		For Yoke Mount, Add	392.03	
		For >50 To 100, Deduct	-95.99	
		For >100 To 250, Deduct	-188.14	
		For >250 To 500, Deduct	-368.62	
		For >500, Deduct	-549.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0019	EA		9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L).....	4,281.37	97.82
			<i>For Wall Mount, Deduct</i>	-11.54	
			<i>For Warm Color Temperature LEDs, Add</i>	62.22	
			<i>For Stainless Steel Guard, Add</i>	111.69	
			<i>For Ceiling Mount, Add</i>	134.74	
			<i>For Stanchion Mount, Add</i>	156.81	
			<i>For Yoke Mount, Add</i>	392.03	
			<i>For >50 To 100, Deduct</i>	-111.11	
			<i>For >100 To 250, Deduct</i>	-218.14	
			<i>For >250 To 500, Deduct</i>	-428.14	
			<i>For >500, Deduct</i>	-638.13	
26 54 19 00-0020	EA		10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L).....	4,887.50	103.57
			<i>For Wall Mount, Deduct</i>	-11.54	
			<i>For Warm Color Temperature LEDs, Add</i>	62.22	
			<i>For Stainless Steel Guard, Add</i>	111.69	
			<i>For Ceiling Mount, Add</i>	134.74	
			<i>For Stanchion Mount, Add</i>	156.81	
			<i>For Yoke Mount, Add</i>	392.03	
			<i>For >50 To 100, Deduct</i>	-126.50	
			<i>For >100 To 250, Deduct</i>	-248.69	
			<i>For >250 To 500, Deduct</i>	-488.75	
			<i>For >500, Deduct</i>	-728.81	
26 54 19 00-0021	EA		13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	5,662.24	99.73
			<i>For Wall Mount, Deduct</i>	-11.54	
			<i>For Warm Color Temperature LEDs, Add</i>	62.22	
			<i>For Stainless Steel Guard, Add</i>	111.69	
			<i>For Ceiling Mount, Add</i>	134.74	
			<i>For Stanchion Mount, Add</i>	156.81	
			<i>For Yoke Mount, Add</i>	392.03	
			<i>For >50 To 100, Deduct</i>	-146.11	
			<i>For >100 To 250, Deduct</i>	-287.67	
			<i>For >250 To 500, Deduct</i>	-566.22	
			<i>For >500, Deduct</i>	-844.78	

26 55 Special Purpose Lighting (26 50)

26 55 13 Landscape Lighting (26 55)

26 55 13 00-0001 Bollards (26 55 13)

Note: Excludes concrete base.

26 55 13 00-0002 Aluminum Architectural Bollards (26 55 13 00-0001)

26 55 13 00-0003 High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0002)

26 55 13 00-0004 Square, High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0003)

26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	972.43	89.24
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	982.92	94.49
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	993.42	99.74
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	927.25	104.99
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	972.43	89.24
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	982.92	94.49
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	993.42	99.74
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	927.25	104.99
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	972.43	89.24
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	982.92	94.49
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	993.42	99.74
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	927.25	104.99
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	972.43	89.24
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	982.92	94.49
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	993.42	99.74
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	927.25	104.99

26 55 13 00-0021 Round, High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0003)

26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	937.22	89.24
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	947.71	94.49
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	958.21	99.74
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	891.72	104.99
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	937.22	89.24
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	947.71	94.49
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	958.21	99.74
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	891.72	104.99
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	937.22	89.24
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	947.71	94.49
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	958.21	99.74
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	891.72	104.99
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	937.22	89.24
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	947.71	94.49
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	958.21	99.74
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	891.72	104.99

26 55 13 00-0038 Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0002)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0039			Square, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0038)		
26 55 13 00-0040	EA		24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,018.14	89.24
26 55 13 00-0041	EA		30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,028.63	94.49
26 55 13 00-0042	EA		36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,039.13	99.74
26 55 13 00-0043	EA		42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	972.64	104.99
26 55 13 00-0044	EA		24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,018.14	89.24
26 55 13 00-0045	EA		30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,028.63	94.49
26 55 13 00-0046	EA		36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,039.13	99.74
26 55 13 00-0047	EA		42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	972.64	104.99
26 55 13 00-0048	EA		24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,018.14	89.24
26 55 13 00-0049	EA		30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,028.63	94.49
26 55 13 00-0050	EA		36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,039.13	99.74
26 55 13 00-0051	EA		42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,010.89	104.99
26 55 13 00-0052			Round, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0038)		
26 55 13 00-0053	EA		24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	982.61	89.24
26 55 13 00-0054	EA		30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	993.10	94.49
26 55 13 00-0055	EA		36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,003.60	99.74
26 55 13 00-0056	EA		42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	937.11	104.99
26 55 13 00-0057	EA		24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	982.61	89.24
26 55 13 00-0058	EA		30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	993.10	94.49
26 55 13 00-0059	EA		36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,003.60	99.74
26 55 13 00-0060	EA		42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	937.11	104.99
26 55 13 00-0061	EA		24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	982.61	89.24
26 55 13 00-0062	EA		30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	993.10	94.49
26 55 13 00-0063	EA		36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,003.60	99.74
26 55 13 00-0064	EA		42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	937.11	104.99
26 55 13 00-0065			Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0002)		
26 55 13 00-0066			Square, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)		
26 55 13 00-0067	EA		24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	968.42	89.24
26 55 13 00-0068	EA		30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	978.91	94.49
26 55 13 00-0069	EA		36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	989.41	99.74
26 55 13 00-0070	EA		42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	923.96	104.99
26 55 13 00-0071	EA		24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	968.42	89.24
26 55 13 00-0072	EA		30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	978.91	94.49
26 55 13 00-0073	EA		36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	989.41	99.74
26 55 13 00-0074	EA		42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	923.96	104.99
26 55 13 00-0075	EA		24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	968.42	89.24
26 55 13 00-0076	EA		30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	978.91	94.49
26 55 13 00-0077	EA		36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	989.41	99.74
26 55 13 00-0078	EA		42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	923.96	104.99
26 55 13 00-0079			Round, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)		
26 55 13 00-0080	EA		24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	933.66	89.24
26 55 13 00-0081	EA		30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	944.15	94.49
26 55 13 00-0082	EA		36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	954.65	99.74
26 55 13 00-0083	EA		42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	889.88	104.99
26 55 13 00-0084	EA		24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	933.66	89.24
26 55 13 00-0085	EA		30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	944.15	94.49
26 55 13 00-0086	EA		36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	954.65	99.74
26 55 13 00-0087	EA		42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	889.88	104.99
26 55 13 00-0088	EA		24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	933.66	89.24
26 55 13 00-0089	EA		30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	944.15	94.49
26 55 13 00-0090	EA		36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	954.65	99.74
26 55 13 00-0091	EA		42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	889.88	104.99
26 55 13 00-0092			LED, Aluminum Architectural Bollards (26 55 13 00-0002)		
26 55 13 00-0093			Square, LED, Aluminum Architectural Bollards (26 55 13 00-0092)		
26 55 13 00-0094	EA		24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,148.86	89.24
26 55 13 00-0095	EA		30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,159.35	94.49
26 55 13 00-0096	EA		36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,169.85	99.74
26 55 13 00-0097	EA		42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,105.37	104.99
26 55 13 00-0098	EA		24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	1,390.79	89.24
26 55 13 00-0099	EA		30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	1,401.28	94.49
26 55 13 00-0100	EA		36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	1,411.78	99.74
26 55 13 00-0101	EA		42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	1,346.09	104.99
26 55 13 00-0102			Round, LED, Aluminum Architectural Bollards (26 55 13 00-0092)		
26 55 13 00-0103	EA		24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,112.77	89.24
26 55 13 00-0104	EA		30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,123.26	94.49
26 55 13 00-0105	EA		36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,133.76	99.74
26 55 13 00-0106	EA		42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,068.07	104.99
26 55 13 00-0107	EA		24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	1,354.70	89.24
26 55 13 00-0108	EA		30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	1,365.19	94.49
26 55 13 00-0109	EA		36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	1,375.69	99.74
26 55 13 00-0110	EA		42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	1,310.43	104.99

26 55 13 00-0111 Reinforced Concrete Bollards (26 55 13 00-0001)		
26 55 13 00-0112 EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard.....	1,069.62 262.46
26 55 13 00-0113 EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard.....	1,812.38 349.92
26 55 13 00-0114 Low Voltage (26 55 13)		
26 55 13 00-0115 EA	Low Voltage Recessed Uplight.....	600.90 191.08
26 55 13 00-0116 EA	Low Voltage Walkway.....	407.20 104.99
26 55 13 00-0117 EA	Low Voltage Malibu - 5 Light Set.....	423.76 140.16
26 55 13 00-0118 EA	Low Voltage Mushroom 24" Pier.....	356.99 104.99
26 55 13 00-0119 Recessed, Adjustable (26 55 13)		
26 55 13 00-0120 EA	150 Watt Incandescent Recessed, Adjustable.....	669.42 167.98
26 55 13 00-0121 EA	300 Watt Incandescent Recessed, Adjustable.....	723.21 167.98
26 55 13 00-0122 Recessed, Uplight (26 55 13)		
26 55 13 00-0123 EA	50 Watt Incandescent Recessed Uplight.....	608.46 167.98
26 55 13 00-0124 EA	150 Watt Incandescent Recessed Uplight.....	619.22 167.98
26 55 13 00-0125 EA	300 Watt Incandescent Recessed Uplight.....	651.49 167.98
26 55 13 00-0126 EA	500 Watt Quartz Recessed Uplight.....	647.91 167.98
26 55 13 00-0127 EA	5 Watt, LED Recessed Uplight.....	777.47 167.98
26 55 13 00-0128 EA	15 Watt, LED Recessed Uplight.....	844.86 167.98
26 55 13 00-0129 Recessed Wall Light (26 55 13)		
26 55 13 00-0130 EA	100 Watt Incandescent Recessed Wall Light.....	324.72 104.99
26 55 13 00-0131 EA	100 Watt Fluorescent Recessed Wall Light.....	313.96 104.99
26 55 13 00-0132 EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light.....	491.89 140.16
26 55 13 00-0133 Step Lights (26 55 13)		
26 55 13 00-0134 EA	Incandescent Step Light.....	264.75 83.99
26 55 13 00-0135 EA	Fluorescent Step Light.....	300.66 83.99
26 55 13 00-0136 EA	5 Watt, LED Step Light.....	421.80 83.99
26 55 13 00-0137 EA	15 Watt, LED Step Light.....	493.68 83.99
26 55 13 00-0138 Tree Lights, Surface Adjustable (26 55 13)		
26 55 13 00-0139 EA	50 Watt Incandescent Tree Lights.....	538.51 140.16
26 55 13 00-0140 EA	100 Watt Incandescent Tree Lights.....	549.27 140.16
26 55 13 00-0141 EA	150 Watt Incandescent Tree Lights.....	706.82 209.97
26 55 16 Walkway Lighting (26 55)		
26 55 16 00-0001 Incandescent Walkway (26 55 16)		
26 55 16 00-0002 EA	Post Top 300 Watt Incandescent Walkway Fixture.....	465.04 97.63
26 55 16 00-0003 Metal Halide Walkway (26 55 16)		
26 55 16 00-0004 EA	Post Top 100 Watt Metal Halide Walkway Fixture.....	712.33 153.49
26 55 16 00-0005 EA	Post Top 150-175 Watt Metal Halide Walkway Fixture.....	758.77 159.05
26 55 16 00-0006 EA	Post Top 250 Watt Metal Halide Walkway Fixture.....	826.43 165.14
26 55 16 00-0007 EA	Post Top 400 Watt Metal Halide Walkway Fixture.....	882.77 178.48
26 55 16 00-0008 EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture.....	779.17 165.14
26 55 16 00-0009 EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture.....	803.26 153.49
26 55 16 00-0010 EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture.....	815.52 159.05
26 55 16 00-0011 EA	Spherical 100 Watt Metal Halide Walkway Fixture.....	667.75 109.39
26 55 16 00-0012 EA	Spherical 150-175 Watt Metal Halide Walkway Fixture.....	715.02 109.39
26 55 16 00-0013 EA	Spherical 250 Watt Metal Halide Walkway Fixture.....	762.29 109.39
26 55 16 00-0014 EA	Spherical 400 Watt Metal Halide Walkway Fixture.....	860.91 123.15
26 55 16 00-0015 EA	Low Walkway 100 Watt Metal Halide Walkway Fixture.....	645.63 98.26
26 55 16 00-0016 High Pressure Sodium Walkway (26 55 16)		
26 55 16 00-0017 EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture.....	623.66 153.49
26 55 16 00-0018 EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture.....	662.38 159.05
26 55 16 00-0019 EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture.....	717.87 165.14
26 55 16 00-0020 EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture.....	767.78 178.48
26 55 16 00-0021 EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture.....	680.95 165.14
26 55 16 00-0022 EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture.....	694.70 153.49
26 55 16 00-0023 EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture.....	706.72 159.05
26 55 16 00-0024 EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture.....	569.53 109.39
26 55 16 00-0025 EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture.....	606.45 109.39
26 55 16 00-0026 EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture.....	643.38 109.39
26 55 16 00-0027 EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture.....	726.50 123.15
26 55 16 00-0028 EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture.....	364.66 98.26

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 16 00-0029			Walkway, Adjustable <small>(26 55 16)</small>		
26 55 16 00-0030	EA		2' Fluorescent Adjustable Walkway Fixture.....	676.76	140.16
26 55 16 00-0031	EA		4' Fluorescent Adjustable Walkway Fixture.....	700.08	140.16
26 55 16 00-0032	EA		8' Fluorescent Adjustable Walkway Fixture.....	1,243.92	209.97
26 55 16 00-0033	EA		50 Watt Incandescent Adjustable Walkway Fixture	583.09	104.99
26 55 16 00-0034	EA		150 Watt Incandescent Adjustable Walkway Fixture	614.19	104.99
26 55 16 00-0035			LED Walkway <small>(26 55 16)</small>		
26 55 16 00-0036			LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) <small>(26 55 16 00-0035)</small>		
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 55 16 00-0037	EA		13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	672.79	80.55
				<i>For Multi-Level Drive Currents, Add</i>	<i>170.58</i>
26 55 16 00-0038	EA		18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	693.50	80.55
				<i>For Multi-Level Drive Currents, Add</i>	<i>170.58</i>
26 55 16 00-0039	EA		36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	730.06	80.55
				<i>For Multi-Level Drive Currents, Add</i>	<i>170.58</i>
26 55 16 00-0040	EA		42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	758.08	80.55
				<i>For Multi-Level Drive Currents, Add</i>	<i>170.58</i>
26 55 16 00-0041	EA		96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	875.64	103.57
				<i>For Multi-Level Drive Currents, Add</i>	<i>170.58</i>
26 55 16 00-0042			Wall Mounted Walkway Lighting <small>(26 55 16 00-0035)</small>		
26 55 16 00-0043	EA		Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492)	2,674.39	
Note: Type Fixture 17 as Post					
26 55 16 00-0044			Pole Mounted Walkway Lighting <small>(26 55 16 00-0035)</small>		
26 55 16 00-0045	EA		43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27).....	2,477.98	
26 55 16 00-0046	EA		12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12).....	2,434.61	
Note: Washers and nuts included					
26 55 29			Underwater Lighting <small>(26 55)</small>		
26 55 29 00-0001			Underwater Lights <small>(26 55 29)</small>		
26 55 29 00-0002	EA		150 Watt, 120 Volt Underwater Lights	415.76	69.81
26 55 29 00-0003	EA		300 Watt, 120 Volt Underwater Lights	458.79	69.81
26 55 29 00-0004	EA		1,000 Watt, 120 Volt Underwater Lights	1,088.53	104.99
26 55 29 00-0005	EA		50 Watt, 12 Volt Underwater Lights	433.69	69.81
26 55 29 00-0006	EA		300 Watt, 12 Volt Underwater Lights	483.89	69.81
26 55 29 00-0007	SET		Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,229.15	157.48
26 55 53			Security Lighting <small>(26 55)</small>		
26 55 53 11			Security Flood Lighting <small>(26 55 53)</small>		
26 55 53 11-0001			General Electric Powerflood® Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0002			MPF (Small Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small>		
Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.					
26 55 53 11-0003			High Pressure Sodium MPF Series GE Flood Lights <small>(26 55 53 11-0002)</small>		
26 55 53 11-0004	EA		70 Watt High Pressure Sodium MPF Series GE Flood Light	269.26	84.75
26 55 53 11-0005	EA		100 Watt High Pressure Sodium MPF Series GE Flood Light	271.26	84.75
26 55 53 11-0006	EA		150 Watt High Pressure Sodium MPF Series GE Flood Light	274.59	84.75
26 55 53 11-0007			Metal Halide MPF Series GE Flood Lights <small>(26 55 53 11-0002)</small>		
26 55 53 11-0008	EA		70 Watt Metal Halide MPF Series GE Flood Light	348.41	84.75
26 55 53 11-0009			P-154 (Small Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small>		
Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.					
26 55 53 11-0010			High Pressure Sodium P-154 Series GE Flood Lights <small>(26 55 53 11-0009)</small>		
26 55 53 11-0011	EA		70 Watt High Pressure Sodium P-154 Series GE Flood Light	512.67	113.01
26 55 53 11-0012	EA		100 Watt High Pressure Sodium P-154 Series GE Flood Light	515.33	113.01
26 55 53 11-0013	EA		150 Watt High Pressure Sodium P-154 Series GE Flood Light	519.98	113.01
26 55 53 11-0014	EA		250 Watt High Pressure Sodium P-154 Series GE Flood Light	572.53	113.01
26 55 53 11-0015	EA		400 Watt High Pressure Sodium P-154 Series GE Flood Light	587.82	113.01
26 55 53 11-0016			Metal Halide P-154 Series GE Flood Lights <small>(26 55 53 11-0009)</small>		
26 55 53 11-0017	EA		175 Watt Metal Halide P-154 Series GE Flood Light	508.01	113.01
26 55 53 11-0018	EA		250 Watt Metal Halide P-154 Series GE Flood Light	531.29	113.01
26 55 53 11-0019	EA		400 Watt Metal Halide P-154 Series GE Flood Light	543.26	113.01

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 55 53 11-0020	PF-154 (Medium Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021	High Pressure Sodium PF-154 Series GE Flood Lights <small>(26 55 53 11-0020)</small>		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	529.61 127.13
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	532.94 127.13
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	538.26 127.13
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	590.14 127.13
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	604.77 127.13
26 55 53 11-0027	Metal Halide PF-154 GE Flood Lights <small>(26 55 53 11-0020)</small>		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light.....	525.62 127.13
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light.....	548.23 127.13
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light.....	560.21 127.13
26 55 53 11-0031	PF-400 (Medium Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032	High Pressure Sodium PF-400 Series GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	686.58 127.13
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	733.13 127.13
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	729.81 127.13
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	746.43 127.13
26 55 53 11-0037	Metal Halide PF-400 GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light.....	703.87 127.13
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light.....	717.83 127.13
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light.....	732.47 127.13
26 55 53 11-0041	PF-1000 (Large Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042	High Pressure Sodium PF-154 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	913.69 141.26
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	913.69 141.26
26 55 53 11-0045	Metal Halide PF-1000 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light.....	875.11 141.26
26 55 53 11-0047	HLU/VLU (Medium Size) FRP Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048	High Pressure Sodium HLU/VLU FRP Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	750.42 127.13
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	763.06 127.13
26 55 53 11-0051	Metal Halide HLU/VLU Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light.....	757.74 127.13
26 55 53 11-0053	Accessories For Powerflood GE Flood Lights <small>(26 55 53 11-0001)</small>		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light.....	132.99 28.25
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light.....	83.77 28.25
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light.....	114.36 28.25
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light.....	91.09 28.25
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light.....	237.34 84.75
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light.....	98.40 28.25
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light.....	187.46 84.75
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light.....	193.44 84.75
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light.....	77.78 28.25
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light.....	75.79 28.25
26 55 53 11-0064	Lithonia Contour Series Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0065	TFM (Small Size) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066	High Pressure Sodium TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		

26	26	Electrical
	26 50	Lighting
	26 55	Special Purpose Lighting

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	477.26	113.01
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	515.66	113.01
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	553.27	113.01
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights (26 55 53 11-0065)		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light.....	600.20	113.01
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light.....	590.95	113.01
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light.....	576.05	113.01
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light.....	574.95	113.01
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights (26 55 53 11-0065)		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light.....	596.36	113.01
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights (26 55 53 11-0064) Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights (26 55 53 11-0077)		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	705.62	127.13
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	718.43	127.13
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights (26 55 53 11-0077)		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light.....	676.84	127.13
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light.....	676.84	127.13
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light.....	696.92	127.13
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights (26 55 53 11-0064) Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights (26 55 53 11-0085)		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	670.99	113.01
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	690.16	113.01
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	706.17	113.01
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights (26 55 53 11-0085)		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light.....	664.58	113.01
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light.....	683.77	113.01
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights (26 55 53 11-0064) Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	1,258.72	141.26
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light.....	986.65	141.26
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,082.67	141.26
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights (26 55 53 11-0064)		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light.....	116.85	28.25
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light.....	211.10	28.25
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light.....	99.07	28.25
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light.....	127.87	28.25
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light.....	297.51	84.75
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light.....	246.55	84.75
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light.....	246.55	84.75
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe.....	266.87	84.75
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light.....	112.47	28.25
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light.....	92.95	28.25
26 55 53 11-0110		Eaton Flood Lights (26 55 53 11)		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB).....	714.41	113.01
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	34.46	
		For >50 To 100, Deduct	-23.51	
		For >100 To 250, Deduct	-41.37	
		For >250 To 500, Deduct	-71.44	
		For >500, Deduct	-101.51	

26 Electrical
26 50 Lighting
26 55 Special Purpose Lighting

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light.....	485.40	113.01
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light.....	470.77	113.01
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights (26 55 53 11-0163)		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	481.41	113.01
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	509.34	113.01
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	509.34	113.01
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	509.34	113.01
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	509.34	113.01
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights (26 55 53 11-0163)		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	518.65	113.01
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	518.65	113.01
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	518.65	113.01
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	504.02	113.01
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights (26 55 53 11-0175)		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	624.06	127.13
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	637.36	127.13
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	947.61	141.26
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights (26 55 53 11-0175)		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light.....	594.79	127.13
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light.....	597.45	127.13
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light.....	605.43	127.13
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light.....	859.82	141.26
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights (26 55 53 11-0185)		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light.....	793.31	141.26
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light.....	931.65	141.26
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights (26 55 53 11-0185)		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light.....	761.38	141.26
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	843.85	141.26
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights (26 55 53 11-0113) Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights (26 55 53 11-0192)		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	642.68	127.13
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	655.98	127.13
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights (26 55 53 11-0192)		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	613.41	127.13
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	616.07	127.13
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	624.06	127.13
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	878.44	141.26
26 55 53 11-0201		Accessories For Ruud Flood Lighting (26 55 53 11-0113)		
26 55 53 11-0202	EA	Wireguard For Ruud Flood Light.....	76.45	28.25
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Ruud Flood Light	112.37	28.25
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Ruud Flood Light	85.76	28.25
26 55 53 11-0205	EA	Vandal Shield For Ruud Flood Light	99.07	28.25
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light.....	214.73	84.75
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	68.47	28.25
26 55 53 11-0208		Lumark Flood Lights (26 55 53 11)		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights (26 55 53 11-0208) Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	196.70	84.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights <small>(26 55 53 11-0208)</small>			
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.			
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	235.94		84.75
26 55 53 11-0213		Kim Lighting <small>(26 55 53 11)</small>			
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights <small>(26 55 53 11-0213)</small>			
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.			
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights <small>(26 55 53 11-0214)</small>			
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	335.43		36.79
		For >50 To 100, Deduct	-10.23		
		For >100 To 250, Deduct	-18.61		
		For >250 To 500, Deduct	-33.54		
		For >500, Deduct	-48.47		
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	409.24		36.79
		For >50 To 100, Deduct	-12.07		
		For >100 To 250, Deduct	-22.30		
		For >250 To 500, Deduct	-40.92		
		For >500, Deduct	-59.55		
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights <small>(26 55 53 11-0213)</small>			
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.			
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights <small>(26 55 53 11-0218)</small>			
		Note: Spot or narrow style accent flood lights.			
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light.....	500.01		36.79
		For >50 To 100, Deduct	-14.34		
		For >100 To 250, Deduct	-26.84		
		For >250 To 500, Deduct	-50.00		
		For >500, Deduct	-73.16		
26 55 53 11-0221		CREE® BetaLED® Flood Lights <small>(26 55 53 11)</small>			
26 55 53 11-0222		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) <small>(26 55 53 11-0221)</small>			
		Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	873.41		102.86
		For >50 To 100, Deduct	-26.98		
		For >100 To 250, Deduct	-48.81		
		For >250 To 500, Deduct	-87.34		
		For >500, Deduct	-125.87		
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	955.51		108.57
		For >50 To 100, Deduct	-29.32		
		For >100 To 250, Deduct	-53.20		
		For >250 To 500, Deduct	-95.55		
		For >500, Deduct	-137.90		
26 55 53 11-0225		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) <small>(26 55 53 11-0221)</small>			
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	760.86		97.15
		For 480 Volt, Add	62.04		
		For >50 To 100, Deduct	-23.88		
		For >100 To 250, Deduct	-42.90		
		For >250 To 500, Deduct	-76.09		
		For >500, Deduct	-109.27		
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	951.39		102.86
		For 480 Volt, Add	62.04		
		For >50 To 100, Deduct	-28.93		
		For >100 To 250, Deduct	-52.71		
		For >250 To 500, Deduct	-95.14		
		For >500, Deduct	-137.57		
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,141.93		108.57
		For 480 Volt, Add	62.04		
		For >50 To 100, Deduct	-33.98		
		For >100 To 250, Deduct	-62.53		
		For >250 To 500, Deduct	-114.19		
		For >500, Deduct	-165.86		
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,404.36		114.29
		For 480 Volt, Add	62.04		
		For >50 To 100, Deduct	-40.82		
		For >100 To 250, Deduct	-75.93		
		For >250 To 500, Deduct	-140.44		
		For >500, Deduct	-204.94		
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,594.89		120.01
		For 480 Volt, Add	62.04		
		For >50 To 100, Deduct	-45.87		
		For >100 To 250, Deduct	-85.74		
		For >250 To 500, Deduct	-159.49		
		For >500, Deduct	-233.23		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 11-0240	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL) 1,394.97	154.29
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> 14.37	
		<i>For Field Adjustable Output, Add</i> 21.56	
		<i>For Front Facing Optics, Back Light Shield, Add</i> 33.54	
		<i>For Rotated Optics, Back Light Shield, Add</i> 33.54	
		<i>For Fuse, Add</i> 43.11	
		<i>For 0 To 10 Volt Dimming, Add</i> 43.11	
		<i>For Multi-Level, Add</i> 93.40	
		<i>For >50 To 100, Deduct</i> -42.59	
		<i>For >100 To 250, Deduct</i> -77.46	
		<i>For >250 To 500, Deduct</i> -139.50	
		<i>For >500, Deduct</i> -201.53	
26 55 53 11-0241		PlanLED Flood Lights <small>(26 55 53 11)</small>	
26 55 53 11-0242		Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) <small>(26 55 53 11-0241)</small>	
26 55 53 11-0243	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050) 444.29	102.86
		<i>For >50 To 100, Deduct</i> -16.25	
		<i>For >100 To 250, Deduct</i> -27.36	
		<i>For >250 To 500, Deduct</i> -44.43	
		<i>For >500, Deduct</i> -61.50	
26 55 53 11-0244	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075) 523.01	108.57
		<i>For >50 To 100, Deduct</i> -18.50	
		<i>For >100 To 250, Deduct</i> -31.58	
		<i>For >250 To 500, Deduct</i> -52.30	
		<i>For >500, Deduct</i> -73.02	
26 55 53 11-0245	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100) 598.88	117.15
		<i>For >50 To 100, Deduct</i> -20.83	
		<i>For >100 To 250, Deduct</i> -35.80	
		<i>For >250 To 500, Deduct</i> -59.89	
		<i>For >500, Deduct</i> -83.97	
26 55 53 11-0246		Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) <small>(26 55 53 11-0241)</small>	
26 55 53 11-0247	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200) 1,209.59	228.58
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For >50 To 100, Deduct</i> -41.67	
		<i>For >100 To 250, Deduct</i> -71.91	
		<i>For >250 To 500, Deduct</i> -120.96	
		<i>For >500, Deduct</i> -170.01	
26 55 53 11-0248	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400) 1,802.97	228.58
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For >50 To 100, Deduct</i> -56.50	
		<i>For >100 To 250, Deduct</i> -101.58	
		<i>For >250 To 500, Deduct</i> -180.30	
		<i>For >500, Deduct</i> -259.02	
26 55 53 11-0249	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800) 3,080.26	228.58
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For >50 To 100, Deduct</i> -88.44	
		<i>For >100 To 250, Deduct</i> -165.44	
		<i>For >250 To 500, Deduct</i> -308.03	
		<i>For >500, Deduct</i> -450.61	
26 55 53 11-0250		Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) <small>(26 55 53 11-0241)</small>	
26 55 53 11-0251	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200) 1,039.79	148.57
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For 480 Volt, Add</i> -20.80	
		<i>For >50 To 100, Deduct</i> -33.42	
		<i>For >100 To 250, Deduct</i> -59.42	
		<i>For >250 To 500, Deduct</i> -103.98	
		<i>For >500, Deduct</i> -148.54	
26 55 53 11-0252	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300) 1,310.59	154.29
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For 480 Volt, Add</i> 63.15	
		<i>For >50 To 100, Deduct</i> -40.48	
		<i>For >100 To 250, Deduct</i> -73.24	
		<i>For >250 To 500, Deduct</i> -131.06	
		<i>For >500, Deduct</i> -188.87	
26 55 53 11-0253	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400) 1,651.14	160.01
		<i>For 0 To 10 Volt Dimming, Add</i> 52.39	
		<i>For 480 Volt, Add</i> 50.68	
		<i>For >50 To 100, Deduct</i> -49.28	
		<i>For >100 To 250, Deduct</i> -90.56	
		<i>For >250 To 500, Deduct</i> -165.11	
		<i>For >500, Deduct</i> -239.67	

26 55 53 12 Security Hazardous Location Flood Lights (26 55 53)
Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 55 53 12-0001 Lithonia Hazardous Location Flood Lights (26 55 53 12)

26 Electrical

26 50 Lighting

26 55 Special Purpose Lighting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 55 53 12-0002		HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small> Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003		High Pressure Sodium HFR Series Hazardous Location Flood Lights <small>(26 55 53 12-0002)</small>		
26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	665.39	113.01
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	706.62	113.01
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	666.72	113.01
26 55 53 12-0007		Metal Halide HFR Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0002)</small>		
26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	702.22	113.01
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	682.68	113.01
26 55 53 12-0010		HFM (Medium Base) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small> Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0010)</small>		
26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	637.04	113.01
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	661.65	113.01
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0010)</small>		
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	570.53	113.01
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small> Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0016)</small>		
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	890.41	141.26
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	902.38	141.26
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0016)</small>		
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	886.42	141.26
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	902.38	141.26
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small> Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0023)</small>		
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	673.27	127.13
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0023)</small>		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	719.83	127.13
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small> See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		Security High Performance Flood Lights <small>(26 55 53)</small> Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights <small>(26 55 53 13)</small>		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0001)</small> Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0002)</small>		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,494.96	169.50
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,604.04	169.50
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,609.36	169.50
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,775.64	169.50
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0002)</small>		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,706.47	169.50
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,632.71	169.50
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,562.80	169.50
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,631.97	169.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 55 53 13-0013 **Accessories For Lithonia High Performance Flood Lights** (26 55 53 13-0002)
 See CSI section 26 55 53 11-0099 for accessories.

26 55 61 Theatrical Lighting (26 55)

26 55 61 00-0001			Stage Lighting (26 55 61)		
26 55 61 00-0002	EA		Ellipsoidal Spotlight, Two 6" x 9" Lenses .....435.26	127.54	
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.					
26 55 61 00-0003	EA		Ellipsoidal Spotlight, Two 6" x 12" Lenses .....435.26	127.54	
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.					
26 55 61 00-0004	EA		Ellipsoidal Spotlight, Two 6" x 16" Lenses .....435.26	127.54	
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.					
26 55 61 00-0005	EA		14" Scoop Floodlight Altman #SC14.....446.96	127.54	
26 55 61 00-0006	EA		6" Diameter Fresnel Spotlight, Spherical Specular Alzak .....325.15	127.54	
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.					
26 55 61 00-0007	EA		8" Diameter Fresnel Spotlight, Spherical Specular Alzak .....494.60	127.54	
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.					
26 55 61 00-0008	EA		Follow Spotlight With Steel Chassis And Lightweight.....1,365.09	127.54	
Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.					
26 55 61 00-0009	EA		Follow Spotlight With Steel Chassis And Lightweight.....1,631.80	127.54	
Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.					
26 55 61 00-0010	EA		PAR 64 Can Lighting With 20 Gauge Sheet Steel.....283.49	127.54	
Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.					
26 55 61 00-0011	EA		6' Long Borderlight Sections.....826.20	127.54	
Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.					
26 55 61 00-0012	EA		1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S) .....1,753.62	127.54	

26 55 70 Healthcare Lighting (26 55)

26 55 70 00-0001			Surgical Lighting Fixtures (26 55 70)		
26 55 70 00-0002	EA		Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen.....3,608.05		
26 55 70 00-0003	EA		Install Owner Furnished Surgical Lights .....615.61		
26 55 70 00-0004			Patient Care Fluorescent Fixtures (26 55 70)		
26 55 70 00-0005			Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) (26 55 70 00-0004)		
Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0006	EA		2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE) .....867.38	48.30	
26 55 70 00-0007	EA		2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE) .....955.10	48.30	
26 55 70 00-0008	EA		2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2) .....781.01	48.30	
26 55 70 00-0009			Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) (26 55 70 00-0004)		
Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0010	EA		2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR) .....860.76	48.30	
26 55 70 00-0011			Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) (26 55 70 00-0004)		
Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.					
26 55 70 00-0012	EA		2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC) .....1,294.18	48.30	

26 56 Exterior Lighting (26 50)

26 56 13 Lighting Poles And Standards (26 56)

26 56 13 00-0001			Poles And Standards (26 56 13)		
See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.					
26 56 13 00-0002			Roadway Light Poles (26 56 13 00-0001)		
Note: Excludes lighting fixtures.					
26 56 13 00-0003			Steel Roadway Light Poles (26 56 13 00-0002)		
Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).					
26 56 13 00-0004			Round Tapered, Steel Roadway Light Poles (26 56 13 00-0003)		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
26 56 13 00-0005				Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0006				Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0005)</small>		
26 56 13 00-0007	EA			20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,368.74	339.02
				<i>For Galvanized Finish, Add</i>	80.72	
				<i>For >10 To 20, Deduct</i>	-84.22	
				<i>For >20 To 40, Deduct</i>	-168.44	
				<i>For >40, Deduct</i>	-269.61	
26 56 13 00-0008	EA			20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,375.38	339.02
				<i>For Galvanized Finish, Add</i>	80.92	
				<i>For >10 To 20, Deduct</i>	-84.38	
				<i>For >20 To 40, Deduct</i>	-168.77	
				<i>For >40, Deduct</i>	-270.10	
26 56 13 00-0009	EA			25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,640.80	452.01
				<i>For Galvanized Finish, Add</i>	82.10	
				<i>For >10 To 20, Deduct</i>	-91.02	
				<i>For >20 To 40, Deduct</i>	-182.04	
				<i>For >40, Deduct</i>	-295.66	
26 56 13 00-0010	EA			25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,720.77	452.01
				<i>For Galvanized Finish, Add</i>	84.50	
				<i>For >10 To 20, Deduct</i>	-93.02	
				<i>For >20 To 40, Deduct</i>	-186.04	
				<i>For >40, Deduct</i>	-301.66	
26 56 13 00-0011	EA			25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,800.74	452.01
				<i>For Galvanized Finish, Add</i>	86.90	
				<i>For >10 To 20, Deduct</i>	-95.02	
				<i>For >20 To 40, Deduct</i>	-190.04	
				<i>For >40, Deduct</i>	-307.66	
26 56 13 00-0012	EA			30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,930.58	508.52
				<i>For Galvanized Finish, Add</i>	87.41	
				<i>For >10 To 20, Deduct</i>	-98.26	
				<i>For >20 To 40, Deduct</i>	-196.53	
				<i>For >40, Deduct</i>	-320.22	
26 56 13 00-0013	EA			30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,968.50	508.52
				<i>For Galvanized Finish, Add</i>	88.54	
				<i>For >10 To 20, Deduct</i>	-99.21	
				<i>For >20 To 40, Deduct</i>	-198.43	
				<i>For >40, Deduct</i>	-323.06	
26 56 13 00-0014	EA			30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,975.72	508.52
				<i>For Galvanized Finish, Add</i>	88.76	
				<i>For >10 To 20, Deduct</i>	-99.39	
				<i>For >20 To 40, Deduct</i>	-198.79	
				<i>For >40, Deduct</i>	-323.61	
26 56 13 00-0015	EA			35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,166.83	536.78
				<i>For Galvanized Finish, Add</i>	92.80	
				<i>For >10 To 20, Deduct</i>	-104.17	
				<i>For >20 To 40, Deduct</i>	-208.34	
				<i>For >40, Deduct</i>	-339.35	
26 56 13 00-0016	EA			35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,195.47	536.78
				<i>For Galvanized Finish, Add</i>	93.66	
				<i>For >10 To 20, Deduct</i>	-104.89	
				<i>For >20 To 40, Deduct</i>	-209.77	
				<i>For >40, Deduct</i>	-341.50	
26 56 13 00-0017	EA			35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,226.75	536.78
				<i>For Galvanized Finish, Add</i>	94.60	
				<i>For >10 To 20, Deduct</i>	-105.67	
				<i>For >20 To 40, Deduct</i>	-211.34	
				<i>For >40, Deduct</i>	-343.84	
26 56 13 00-0018	EA			40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,843.49	565.02
				<i>For Galvanized Finish, Add</i>	111.40	
				<i>For >10 To 20, Deduct</i>	-121.09	
				<i>For >20 To 40, Deduct</i>	-242.17	
				<i>For >40, Deduct</i>	-391.51	
26 56 13 00-0019	EA			40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,853.69	565.02
				<i>For Galvanized Finish, Add</i>	111.71	
				<i>For >10 To 20, Deduct</i>	-121.34	
				<i>For >20 To 40, Deduct</i>	-242.68	
				<i>For >40, Deduct</i>	-392.28	
26 56 13 00-0020	EA			40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,863.77	565.02
				<i>For Galvanized Finish, Add</i>	112.01	
				<i>For >10 To 20, Deduct</i>	-121.59	
				<i>For >20 To 40, Deduct</i>	-243.19	
				<i>For >40, Deduct</i>	-393.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 56 13 00-0021		Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms			
		<i>Arms</i> (26 56 13 00-0005)			
26 56 13 00-0022	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms,	4,207.51	395.52
			Anchor Base.....	102.49	
			<i>For Galvanized Finish, Add</i>	-105.19	
			<i>For >10 To 20, Deduct</i>	-210.38	
			<i>For >20 To 40, Deduct</i>	-335.34	
26 56 13 00-0023	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms,	4,278.51	409.64
			Anchor Base.....	103.78	
			<i>For Galvanized Finish, Add</i>	-106.96	
			<i>For >10 To 20, Deduct</i>	-213.93	
			<i>For >20 To 40, Deduct</i>	-341.37	
26 56 13 00-0024	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms,	4,338.95	423.77
			Anchor Base.....	104.74	
			<i>For Galvanized Finish, Add</i>	-108.47	
			<i>For >10 To 20, Deduct</i>	-216.95	
			<i>For >20 To 40, Deduct</i>	-346.61	
26 56 13 00-0025	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms,	4,156.50	508.52
			Anchor Base.....	94.18	
			<i>For Galvanized Finish, Add</i>	-103.91	
			<i>For >10 To 20, Deduct</i>	-207.83	
			<i>For >20 To 40, Deduct</i>	-337.16	
26 56 13 00-0026	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms,	4,201.72	522.65
			Anchor Base.....	94.69	
			<i>For Galvanized Finish, Add</i>	-105.04	
			<i>For >10 To 20, Deduct</i>	-210.09	
			<i>For >20 To 40, Deduct</i>	-341.26	
26 56 13 00-0027	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms,	4,236.83	536.78
			Anchor Base.....	94.90	
			<i>For Galvanized Finish, Add</i>	-105.92	
			<i>For >10 To 20, Deduct</i>	-211.84	
			<i>For >20 To 40, Deduct</i>	-344.60	
26 56 13 00-0028	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms,	4,478.94	565.02
			Anchor Base.....	100.47	
			<i>For Galvanized Finish, Add</i>	-111.97	
			<i>For >10 To 20, Deduct</i>	-223.95	
			<i>For >20 To 40, Deduct</i>	-364.17	
26 56 13 00-0029	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms,	4,517.49	579.15
			Anchor Base.....	100.78	
			<i>For Galvanized Finish, Add</i>	-112.94	
			<i>For >10 To 20, Deduct</i>	-225.87	
			<i>For >20 To 40, Deduct</i>	-367.77	
26 56 13 00-0030	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms,	4,552.28	593.27
			Anchor Base.....	100.97	
			<i>For Galvanized Finish, Add</i>	-113.81	
			<i>For >10 To 20, Deduct</i>	-227.61	
			<i>For >20 To 40, Deduct</i>	-371.08	
26 56 13 00-0031	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms,	4,754.84	593.27
			Anchor Base.....	107.05	
			<i>For Galvanized Finish, Add</i>	-118.87	
			<i>For >10 To 20, Deduct</i>	-237.74	
			<i>For >20 To 40, Deduct</i>	-386.28	
26 56 13 00-0032	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms,	4,827.42	607.40
			Anchor Base.....	108.38	
			<i>For Galvanized Finish, Add</i>	-120.69	
			<i>For >10 To 20, Deduct</i>	-241.37	
			<i>For >20 To 40, Deduct</i>	-392.43	
26 56 13 00-0033	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms,	4,897.72	621.53
			Anchor Base.....	109.64	
			<i>For Galvanized Finish, Add</i>	-122.44	
			<i>For >10 To 20, Deduct</i>	-244.89	
			<i>For >20 To 40, Deduct</i>	-398.41	
26 56 13 00-0034	EA		40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms,	5,392.07	621.53
			Anchor Base.....	124.47	
			<i>For Galvanized Finish, Add</i>	-134.80	
			<i>For >10 To 20, Deduct</i>	-269.60	
			<i>For >20 To 40, Deduct</i>	-435.48	
26 56 13 00-0035	EA		40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms,	5,426.97	635.65
			Anchor Base.....	124.67	
			<i>For Galvanized Finish, Add</i>	-135.67	
			<i>For >10 To 20, Deduct</i>	-271.35	
			<i>For >20 To 40, Deduct</i>	-438.81	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,462.09	649.77
		For Galvanized Finish, Add	124.88	
		For >10 To 20, Deduct	-136.55	
		For >20 To 40, Deduct	-273.10	
		For >40, Deduct	-442.15	
26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms <small>(26 56 13 00-0005)</small>				
26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,897.57	565.02
		For Galvanized Finish, Add	113.03	
		For >10 To 20, Deduct	-122.44	
		For >20 To 40, Deduct	-244.88	
		For >40, Deduct	-395.57	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,960.83	593.27
		For Galvanized Finish, Add	113.23	
		For >10 To 20, Deduct	-124.02	
		For >20 To 40, Deduct	-248.04	
		For >40, Deduct	-401.73	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,034.17	621.53
		For Galvanized Finish, Add	113.73	
		For >10 To 20, Deduct	-125.85	
		For >20 To 40, Deduct	-251.71	
		For >40, Deduct	-408.64	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,179.44	621.53
		For Galvanized Finish, Add	118.09	
		For >10 To 20, Deduct	-129.49	
		For >20 To 40, Deduct	-258.97	
		For >40, Deduct	-419.53	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,245.90	649.77
		For Galvanized Finish, Add	118.39	
		For >10 To 20, Deduct	-131.15	
		For >20 To 40, Deduct	-262.30	
		For >40, Deduct	-425.93	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,309.16	678.03
		For Galvanized Finish, Add	118.59	
		For >10 To 20, Deduct	-132.73	
		For >20 To 40, Deduct	-265.46	
		For >40, Deduct	-432.09	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,512.50	649.77
		For Galvanized Finish, Add	126.39	
		For >10 To 20, Deduct	-137.81	
		For >20 To 40, Deduct	-275.63	
		For >40, Deduct	-445.93	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,575.76	678.03
		For Galvanized Finish, Add	126.59	
		For >10 To 20, Deduct	-139.39	
		For >20 To 40, Deduct	-278.79	
		For >40, Deduct	-452.08	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,639.03	706.28
		For Galvanized Finish, Add	126.79	
		For >10 To 20, Deduct	-140.98	
		For >20 To 40, Deduct	-281.95	
		For >40, Deduct	-458.24	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,940.65	678.03
		For Galvanized Finish, Add	137.54	
		For >10 To 20, Deduct	-148.52	
		For >20 To 40, Deduct	-297.03	
		For >40, Deduct	-479.45	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	6,003.58	706.28
		For Galvanized Finish, Add	137.73	
		For >10 To 20, Deduct	-150.09	
		For >20 To 40, Deduct	-300.18	
		For >40, Deduct	-485.58	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	6,073.60	734.53
		For Galvanized Finish, Add	138.14	
		For >10 To 20, Deduct	-151.84	
		For >20 To 40, Deduct	-303.68	
		For >40, Deduct	-492.25	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms
(26 56 13 00-0005)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0051	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,449.47	621.53
			<i>For Galvanized Finish, Add</i>	126.19	
			<i>For >10 To 20, Deduct</i>	-136.24	
			<i>For >20 To 40, Deduct</i>	-272.47	
			<i>For >40, Deduct</i>	-439.79	
26 56 13 00-0052	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,544.31	663.90
			<i>For Galvanized Finish, Add</i>	126.50	
			<i>For >10 To 20, Deduct</i>	-138.61	
			<i>For >20 To 40, Deduct</i>	-277.22	
			<i>For >40, Deduct</i>	-449.02	
26 56 13 00-0053	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,635.71	706.28
			<i>For Galvanized Finish, Add</i>	126.69	
			<i>For >10 To 20, Deduct</i>	-140.89	
			<i>For >20 To 40, Deduct</i>	-281.79	
			<i>For >40, Deduct</i>	-457.99	
26 56 13 00-0054	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,772.70	678.03
			<i>For Galvanized Finish, Add</i>	132.50	
			<i>For >10 To 20, Deduct</i>	-144.32	
			<i>For >20 To 40, Deduct</i>	-288.64	
			<i>For >40, Deduct</i>	-466.85	
26 56 13 00-0055	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,864.56	720.41
			<i>For Galvanized Finish, Add</i>	132.71	
			<i>For >10 To 20, Deduct</i>	-146.61	
			<i>For >20 To 40, Deduct</i>	-293.23	
			<i>For >40, Deduct</i>	-475.86	
26 56 13 00-0056	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,917.46	762.78
			<i>For Galvanized Finish, Add</i>	131.76	
			<i>For >10 To 20, Deduct</i>	-147.94	
			<i>For >20 To 40, Deduct</i>	-295.87	
			<i>For >40, Deduct</i>	-481.95	
26 56 13 00-0057	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	6,212.89	706.28
			<i>For Galvanized Finish, Add</i>	144.01	
			<i>For >10 To 20, Deduct</i>	-155.32	
			<i>For >20 To 40, Deduct</i>	-310.64	
			<i>For >40, Deduct</i>	-501.28	
26 56 13 00-0058	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,350.34	748.66
			<i>For Galvanized Finish, Add</i>	145.59	
			<i>For >10 To 20, Deduct</i>	-158.76	
			<i>For >20 To 40, Deduct</i>	-317.52	
			<i>For >40, Deduct</i>	-513.71	
26 56 13 00-0059	EA		35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,399.46	791.03
			<i>For Galvanized Finish, Add</i>	144.52	
			<i>For >10 To 20, Deduct</i>	-159.99	
			<i>For >20 To 40, Deduct</i>	-319.97	
			<i>For >40, Deduct</i>	-519.51	
26 56 13 00-0060	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	6,488.90	734.53
			<i>For Galvanized Finish, Add</i>	150.60	
			<i>For >10 To 20, Deduct</i>	-162.22	
			<i>For >20 To 40, Deduct</i>	-324.45	
			<i>For >40, Deduct</i>	-523.39	
26 56 13 00-0061	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,580.30	776.90
			<i>For Galvanized Finish, Add</i>	150.79	
			<i>For >10 To 20, Deduct</i>	-164.51	
			<i>For >20 To 40, Deduct</i>	-329.02	
			<i>For >40, Deduct</i>	-532.37	
26 56 13 00-0062	EA		40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,675.14	819.29
			<i>For Galvanized Finish, Add</i>	151.10	
			<i>For >10 To 20, Deduct</i>	-166.88	
			<i>For >20 To 40, Deduct</i>	-333.76	
			<i>For >40, Deduct</i>	-541.60	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm (26 56 13 00-0004)

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0063)

26 56 13 00-0065	EA		25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	3,888.27	452.01
			<i>For Galvanized Finish, Add</i>	89.53	
			<i>For >10 To 20, Deduct</i>	-97.21	
			<i>For >20 To 40, Deduct</i>	-194.41	
			<i>For >40, Deduct</i>	-314.22	
26 56 13 00-0066	EA		30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	4,401.22	508.52
			<i>For Galvanized Finish, Add</i>	101.53	
			<i>For >10 To 20, Deduct</i>	-110.03	
			<i>For >20 To 40, Deduct</i>	-220.06	
			<i>For >40, Deduct</i>	-355.52	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,513.40	536.78
		<i>For Galvanized Finish, Add</i>	103.20	
		<i>For >10 To 20, Deduct</i>	-112.84	
		<i>For >20 To 40, Deduct</i>	-225.67	
		<i>For >40, Deduct</i>	-365.34	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	5,424.11	565.02
		<i>For Galvanized Finish, Add</i>	128.82	
		<i>For >10 To 20, Deduct</i>	-135.60	
		<i>For >20 To 40, Deduct</i>	-271.21	
		<i>For >40, Deduct</i>	-435.06	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,082.85	452.01
		<i>For Galvanized Finish, Add</i>	125.36	
		<i>For >10 To 20, Deduct</i>	-127.07	
		<i>For >20 To 40, Deduct</i>	-254.14	
		<i>For >40, Deduct</i>	-403.81	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,134.06	452.01
		<i>For Galvanized Finish, Add</i>	126.90	
		<i>For >10 To 20, Deduct</i>	-128.35	
		<i>For >20 To 40, Deduct</i>	-256.70	
		<i>For >40, Deduct</i>	-407.66	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,157.43	452.01
		<i>For Galvanized Finish, Add</i>	127.60	
		<i>For >10 To 20, Deduct</i>	-128.94	
		<i>For >20 To 40, Deduct</i>	-257.87	
		<i>For >40, Deduct</i>	-409.41	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,247.06	508.52
		<i>For Galvanized Finish, Add</i>	126.90	
		<i>For >10 To 20, Deduct</i>	-131.18	
		<i>For >20 To 40, Deduct</i>	-262.35	
		<i>For >40, Deduct</i>	-418.96	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,256.00	508.52
		<i>For Galvanized Finish, Add</i>	127.17	
		<i>For >10 To 20, Deduct</i>	-131.40	
		<i>For >20 To 40, Deduct</i>	-262.80	
		<i>For >40, Deduct</i>	-419.63	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,348.34	508.52
		<i>For Galvanized Finish, Add</i>	129.94	
		<i>For >10 To 20, Deduct</i>	-133.71	
		<i>For >20 To 40, Deduct</i>	-267.42	
		<i>For >40, Deduct</i>	-426.55	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,333.92	536.78
		<i>For Galvanized Finish, Add</i>	127.81	
		<i>For >10 To 20, Deduct</i>	-133.35	
		<i>For >20 To 40, Deduct</i>	-266.70	
		<i>For >40, Deduct</i>	-426.88	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,388.00	536.78
		<i>For Galvanized Finish, Add</i>	129.43	
		<i>For >10 To 20, Deduct</i>	-134.70	
		<i>For >20 To 40, Deduct</i>	-269.40	
		<i>For >40, Deduct</i>	-430.94	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,671.55	536.78
		<i>For Galvanized Finish, Add</i>	137.94	
		<i>For >10 To 20, Deduct</i>	-141.79	
		<i>For >20 To 40, Deduct</i>	-283.58	
		<i>For >40, Deduct</i>	-452.20	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		
26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,671.28	565.02
		<i>For Galvanized Finish, Add</i>	166.24	
		<i>For >10 To 20, Deduct</i>	-166.78	
		<i>For >20 To 40, Deduct</i>	-333.56	
		<i>For >40, Deduct</i>	-528.60	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,776.82	593.27
		<i>For Galvanized Finish, Add</i>	167.71	
		<i>For >10 To 20, Deduct</i>	-169.42	
		<i>For >20 To 40, Deduct</i>	-338.84	
		<i>For >40, Deduct</i>	-537.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,025.79		621.53
		<i>For Galvanized Finish, Add</i>	173.48		
		<i>For >10 To 20, Deduct</i>	-175.64		
		<i>For >20 To 40, Deduct</i>	-351.29		
		<i>For >40, Deduct</i>	-558.01		
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,755.87		621.53
		<i>For Galvanized Finish, Add</i>	165.38		
		<i>For >10 To 20, Deduct</i>	-168.90		
		<i>For >20 To 40, Deduct</i>	-337.79		
		<i>For >40, Deduct</i>	-537.77		
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	7,065.68		649.77
		<i>For Galvanized Finish, Add</i>	172.98		
		<i>For >10 To 20, Deduct</i>	-176.64		
		<i>For >20 To 40, Deduct</i>	-353.28		
		<i>For >40, Deduct</i>	-562.41		
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,246.83		678.03
		<i>For Galvanized Finish, Add</i>	176.72		
		<i>For >10 To 20, Deduct</i>	-181.17		
		<i>For >20 To 40, Deduct</i>	-362.34		
		<i>For >40, Deduct</i>	-577.41		
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,953.86		649.77
		<i>For Galvanized Finish, Add</i>	169.63		
		<i>For >10 To 20, Deduct</i>	-173.85		
		<i>For >20 To 40, Deduct</i>	-347.69		
		<i>For >40, Deduct</i>	-554.03		
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	7,371.70		678.03
		<i>For Galvanized Finish, Add</i>	180.47		
		<i>For >10 To 20, Deduct</i>	-184.29		
		<i>For >20 To 40, Deduct</i>	-368.59		
		<i>For >40, Deduct</i>	-586.78		
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,613.81		706.28
		<i>For Galvanized Finish, Add</i>	186.04		
		<i>For >10 To 20, Deduct</i>	-190.35		
		<i>For >20 To 40, Deduct</i>	-380.69		
		<i>For >40, Deduct</i>	-606.35		
26 56 13 00-0090		Aluminum Roadway Light Poles <small>(26 56 13 00-0092)</small>			
		Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).			
26 56 13 00-0091		Round Tapered, Aluminum Roadway Light Poles <small>(26 56 13 00-0090)</small>			
26 56 13 00-0092		Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0091)</small>			
26 56 13 00-0093		Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0092)</small>			
26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,345.59		339.02
		<i>For >10 To 20, Deduct</i>	-58.64		
		<i>For >20 To 40, Deduct</i>	-117.28		
		<i>For >40, Deduct</i>	-192.87		
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,365.78		339.02
		<i>For >10 To 20, Deduct</i>	-59.14		
		<i>For >20 To 40, Deduct</i>	-118.29		
		<i>For >40, Deduct</i>	-194.38		
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,876.31		452.01
		<i>For >10 To 20, Deduct</i>	-71.91		
		<i>For >20 To 40, Deduct</i>	-143.82		
		<i>For >40, Deduct</i>	-238.32		
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,914.45		452.01
		<i>For >10 To 20, Deduct</i>	-72.86		
		<i>For >20 To 40, Deduct</i>	-145.72		
		<i>For >40, Deduct</i>	-241.18		
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	2,949.53		452.01
		<i>For >10 To 20, Deduct</i>	-73.74		
		<i>For >20 To 40, Deduct</i>	-147.48		
		<i>For >40, Deduct</i>	-243.82		
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,301.38		508.52
		<i>For >10 To 20, Deduct</i>	-82.53		
		<i>For >20 To 40, Deduct</i>	-165.07		
		<i>For >40, Deduct</i>	-273.03		
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,333.56		508.52
		<i>For >10 To 20, Deduct</i>	-83.34		
		<i>For >20 To 40, Deduct</i>	-166.68		
		<i>For >40, Deduct</i>	-275.44		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0101	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,369.55	508.52
	For >10 To 20, Deduct	-84.24	
	For >20 To 40, Deduct	-168.48	
	For >40, Deduct	-278.14	
26 56 13 00-0102	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,867.01	536.78
	For >10 To 20, Deduct	-96.68	
	For >20 To 40, Deduct	-193.35	
	For >40, Deduct	-316.86	
26 56 13 00-0103	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,899.11	536.78
	For >10 To 20, Deduct	-97.48	
	For >20 To 40, Deduct	-194.96	
	For >40, Deduct	-319.27	
26 56 13 00-0104	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,926.00	536.78
	For >10 To 20, Deduct	-98.15	
	For >20 To 40, Deduct	-196.30	
	For >40, Deduct	-321.29	
26 56 13 00-0105	Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
26 56 13 00-0106	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	2,687.76	395.52
	For >10 To 20, Deduct	-67.19	
	For >20 To 40, Deduct	-134.39	
	For >40, Deduct	-221.36	
26 56 13 00-0107	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	2,885.58	395.52
	For >10 To 20, Deduct	-72.14	
	For >20 To 40, Deduct	-144.28	
	For >40, Deduct	-236.19	
26 56 13 00-0108	EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	2,980.64	423.77
	For >10 To 20, Deduct	-74.52	
	For >20 To 40, Deduct	-149.03	
	For >40, Deduct	-244.74	
26 56 13 00-0109	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,207.64	508.52
	For >10 To 20, Deduct	-80.19	
	For >20 To 40, Deduct	-160.38	
	For >40, Deduct	-266.00	
26 56 13 00-0110	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,361.82	522.65
	For >10 To 20, Deduct	-84.05	
	For >20 To 40, Deduct	-168.09	
	For >40, Deduct	-278.27	
26 56 13 00-0111	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,584.07	536.78
	For >10 To 20, Deduct	-89.60	
	For >20 To 40, Deduct	-179.20	
	For >40, Deduct	-295.64	
26 56 13 00-0112	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,702.05	565.02
	For >10 To 20, Deduct	-92.55	
	For >20 To 40, Deduct	-185.10	
	For >40, Deduct	-305.91	
26 56 13 00-0113	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,847.11	579.15
	For >10 To 20, Deduct	-96.18	
	For >20 To 40, Deduct	-192.36	
	For >40, Deduct	-317.49	
26 56 13 00-0114	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,024.12	593.27
	For >10 To 20, Deduct	-100.60	
	For >20 To 40, Deduct	-201.21	
	For >40, Deduct	-331.47	
26 56 13 00-0115	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,199.10	593.27
	For >10 To 20, Deduct	-104.98	
	For >20 To 40, Deduct	-209.96	
	For >40, Deduct	-344.60	
26 56 13 00-0116	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,591.54	607.40
	For >10 To 20, Deduct	-114.79	
	For >20 To 40, Deduct	-229.58	
	For >40, Deduct	-374.74	
26 56 13 00-0117	EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,047.93	621.53
	For >10 To 20, Deduct	-126.20	
	For >20 To 40, Deduct	-252.40	
	For >40, Deduct	-409.67	
26 56 13 00-0118	Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms <small>(26 56 13 00-0092)</small>		

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,119.21		452.01
		<i>For >10 To 20, Deduct</i>	-77.98		
		<i>For >20 To 40, Deduct</i>	-155.96		
		<i>For >40, Deduct</i>	-256.54		
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,335.72		480.27
		<i>For >10 To 20, Deduct</i>	-83.39		
		<i>For >20 To 40, Deduct</i>	-166.79		
		<i>For >40, Deduct</i>	-274.19		
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,793.14		565.02
		<i>For >10 To 20, Deduct</i>	-94.83		
		<i>For >20 To 40, Deduct</i>	-189.66		
		<i>For >40, Deduct</i>	-312.74		
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,955.45		593.27
		<i>For >10 To 20, Deduct</i>	-98.89		
		<i>For >20 To 40, Deduct</i>	-197.77		
		<i>For >40, Deduct</i>	-326.32		
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,142.42		621.53
		<i>For >10 To 20, Deduct</i>	-103.56		
		<i>For >20 To 40, Deduct</i>	-207.12		
		<i>For >40, Deduct</i>	-341.76		
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,290.01		649.77
		<i>For >10 To 20, Deduct</i>	-107.25		
		<i>For >20 To 40, Deduct</i>	-214.50		
		<i>For >40, Deduct</i>	-354.24		
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,479.47		649.77
		<i>For >10 To 20, Deduct</i>	-111.99		
		<i>For >20 To 40, Deduct</i>	-223.97		
		<i>For >40, Deduct</i>	-368.45		
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,872.19		678.03
		<i>For >10 To 20, Deduct</i>	-121.80		
		<i>For >20 To 40, Deduct</i>	-243.61		
		<i>For >40, Deduct</i>	-399.32		
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	7,002.03		706.28
		<i>For >10 To 20, Deduct</i>	-175.05		
		<i>For >20 To 40, Deduct</i>	-350.10		
		<i>For >40, Deduct</i>	-560.47		
26 56 13 00-0128		Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms			
		<small>(26 56 13 00-0092)</small>			
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	3,231.71		508.52
		<i>For >10 To 20, Deduct</i>	-80.79		
		<i>For >20 To 40, Deduct</i>	-161.59		
		<i>For >40, Deduct</i>	-267.80		
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	3,352.84		508.52
		<i>For >10 To 20, Deduct</i>	-83.82		
		<i>For >20 To 40, Deduct</i>	-167.64		
		<i>For >40, Deduct</i>	-276.89		
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,149.95		621.53
		<i>For >10 To 20, Deduct</i>	-103.75		
		<i>For >20 To 40, Deduct</i>	-207.50		
		<i>For >40, Deduct</i>	-342.32		
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,492.92		663.90
		<i>For >10 To 20, Deduct</i>	-112.32		
		<i>For >20 To 40, Deduct</i>	-224.65		
		<i>For >40, Deduct</i>	-370.16		
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,686.13		678.03
		<i>For >10 To 20, Deduct</i>	-117.15		
		<i>For >20 To 40, Deduct</i>	-234.31		
		<i>For >40, Deduct</i>	-385.36		
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,002.29		720.41
		<i>For >10 To 20, Deduct</i>	-125.06		
		<i>For >20 To 40, Deduct</i>	-250.11		
		<i>For >40, Deduct</i>	-411.19		
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,934.66		706.28
		<i>For >10 To 20, Deduct</i>	-123.37		
		<i>For >20 To 40, Deduct</i>	-246.73		
		<i>For >40, Deduct</i>	-405.41		
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,612.36		748.66
		<i>For >10 To 20, Deduct</i>	-140.31		
		<i>For >20 To 40, Deduct</i>	-280.62		
		<i>For >40, Deduct</i>	-458.36		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,211.54	791.03
			<i>For >10 To 20, Deduct</i>	-155.29	
			<i>For >20 To 40, Deduct</i>	-310.58	
			<i>For >40, Deduct</i>	-505.42	
26 56	13 00-0138		Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms ^(26 56 13 00-0091)		
26 56	13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm ^(26 56 13 00-0138)		
26 56	13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	3,436.74	452.01
			<i>For >10 To 20, Deduct</i>	-85.92	
			<i>For >20 To 40, Deduct</i>	-171.84	
			<i>For >40, Deduct</i>	-280.36	
26 56	13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	3,463.71	452.01
			<i>For >10 To 20, Deduct</i>	-86.59	
			<i>For >20 To 40, Deduct</i>	-173.19	
			<i>For >40, Deduct</i>	-282.38	
26 56	13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	3,532.63	452.01
			<i>For >10 To 20, Deduct</i>	-88.32	
			<i>For >20 To 40, Deduct</i>	-176.63	
			<i>For >40, Deduct</i>	-287.55	
26 56	13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	3,636.04	452.01
			<i>For >10 To 20, Deduct</i>	-90.90	
			<i>For >20 To 40, Deduct</i>	-181.80	
			<i>For >40, Deduct</i>	-295.30	
26 56	13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	3,869.50	508.52
			<i>For >10 To 20, Deduct</i>	-96.74	
			<i>For >20 To 40, Deduct</i>	-193.48	
			<i>For >40, Deduct</i>	-315.64	
26 56	13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	3,930.31	508.52
			<i>For >10 To 20, Deduct</i>	-98.26	
			<i>For >20 To 40, Deduct</i>	-196.52	
			<i>For >40, Deduct</i>	-320.20	
26 56	13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	3,995.17	508.52
			<i>For >10 To 20, Deduct</i>	-99.88	
			<i>For >20 To 40, Deduct</i>	-199.76	
			<i>For >40, Deduct</i>	-325.06	
26 56	13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,386.42	508.52
			<i>For >10 To 20, Deduct</i>	-109.66	
			<i>For >20 To 40, Deduct</i>	-219.32	
			<i>For >40, Deduct</i>	-354.41	
26 56	13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,204.23	536.78
			<i>For >10 To 20, Deduct</i>	-105.11	
			<i>For >20 To 40, Deduct</i>	-210.21	
			<i>For >40, Deduct</i>	-342.16	
26 56	13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,706.25	536.78
			<i>For >10 To 20, Deduct</i>	-117.66	
			<i>For >20 To 40, Deduct</i>	-235.31	
			<i>For >40, Deduct</i>	-379.81	
26 56	13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,755.15	536.78
			<i>For >10 To 20, Deduct</i>	-118.88	
			<i>For >20 To 40, Deduct</i>	-237.76	
			<i>For >40, Deduct</i>	-383.47	
26 56	13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,065.56	536.78
			<i>For >10 To 20, Deduct</i>	-126.64	
			<i>For >20 To 40, Deduct</i>	-253.28	
			<i>For >40, Deduct</i>	-406.76	
26 56	13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,348.67	536.78
			<i>For >10 To 20, Deduct</i>	-133.72	
			<i>For >20 To 40, Deduct</i>	-267.43	
			<i>For >40, Deduct</i>	-427.99	
26 56	13 00-0153		Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms ^(26 56 13 00-0138)		
26 56	13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,460.13	565.02
			<i>For >10 To 20, Deduct</i>	-111.50	
			<i>For >20 To 40, Deduct</i>	-223.01	
			<i>For >40, Deduct</i>	-362.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0155	EA		25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	4,585.54	593.27
			For >10 To 20, Deduct	-114.64	
			For >20 To 40, Deduct	-229.28	
			For >40, Deduct	-373.58	
26 56 13 00-0156	EA		25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	4,686.39	621.53
			For >10 To 20, Deduct	-117.16	
			For >20 To 40, Deduct	-234.32	
			For >40, Deduct	-382.56	
26 56 13 00-0157	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,804.53	621.53
			For >10 To 20, Deduct	-120.11	
			For >20 To 40, Deduct	-240.23	
			For >40, Deduct	-391.42	
26 56 13 00-0158	EA		30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,220.26	649.77
			For >10 To 20, Deduct	-130.51	
			For >20 To 40, Deduct	-261.01	
			For >40, Deduct	-424.01	
26 56 13 00-0159	EA		30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,985.53	678.03
			For >10 To 20, Deduct	-149.64	
			For >20 To 40, Deduct	-299.28	
			For >40, Deduct	-482.82	
26 56 13 00-0160	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,788.71	649.77
			For >10 To 20, Deduct	-144.72	
			For >20 To 40, Deduct	-289.44	
			For >40, Deduct	-466.64	
26 56 13 00-0161	EA		35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,902.96	678.03
			For >10 To 20, Deduct	-147.57	
			For >20 To 40, Deduct	-295.15	
			For >40, Deduct	-476.62	
26 56 13 00-0162	EA		35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,171.51	706.28
			For >10 To 20, Deduct	-179.29	
			For >20 To 40, Deduct	-358.58	
			For >40, Deduct	-573.18	
26 56 13 00-0163			Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm (26 56 13 00-0091)		
26 56 13 00-0164			Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0163)		
26 56 13 00-0165	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	2,817.00	339.02
			For >10 To 20, Deduct	-70.43	
			For >20 To 40, Deduct	-140.85	
			For >40, Deduct	-228.23	
26 56 13 00-0166	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	2,893.20	339.02
			For >10 To 20, Deduct	-72.33	
			For >20 To 40, Deduct	-144.66	
			For >40, Deduct	-233.94	
26 56 13 00-0167	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	2,969.56	339.02
			For >10 To 20, Deduct	-74.24	
			For >20 To 40, Deduct	-148.48	
			For >40, Deduct	-239.67	
26 56 13 00-0168	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,354.59	452.01
			For >10 To 20, Deduct	-83.86	
			For >20 To 40, Deduct	-167.73	
			For >40, Deduct	-274.20	
26 56 13 00-0169	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,412.66	452.01
			For >10 To 20, Deduct	-85.32	
			For >20 To 40, Deduct	-170.63	
			For >40, Deduct	-278.55	
26 56 13 00-0170	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,476.12	452.01
			For >10 To 20, Deduct	-86.90	
			For >20 To 40, Deduct	-173.81	
			For >40, Deduct	-283.31	
26 56 13 00-0171	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,785.94	508.52
			For >10 To 20, Deduct	-94.65	
			For >20 To 40, Deduct	-189.30	
			For >40, Deduct	-309.37	
26 56 13 00-0172	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,864.79	508.52
			For >10 To 20, Deduct	-96.62	
			For >20 To 40, Deduct	-193.24	
			For >40, Deduct	-315.29	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,876.62	508.52
			<i>For >10 To 20, Deduct</i>	-96.92	
			<i>For >20 To 40, Deduct</i>	-193.83	
			<i>For >40, Deduct</i>	-316.17	
26 56	13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,122.99	536.78
			<i>For >10 To 20, Deduct</i>	-103.07	
			<i>For >20 To 40, Deduct</i>	-206.15	
			<i>For >40, Deduct</i>	-336.06	
26 56	13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,157.57	536.78
			<i>For >10 To 20, Deduct</i>	-103.94	
			<i>For >20 To 40, Deduct</i>	-207.88	
			<i>For >40, Deduct</i>	-338.66	
26 56	13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,238.65	536.78
			<i>For >10 To 20, Deduct</i>	-105.97	
			<i>For >20 To 40, Deduct</i>	-211.93	
			<i>For >40, Deduct</i>	-344.74	
26 56	13 00-0177		Area Light Poles <small>(26 56 13 00-0001)</small> Note: Excludes lighting fixtures.		
26 56	13 00-0178		Steel Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56	13 00-0179		Round Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0180		Round Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0179)</small>		
26 56	13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	869.42	197.76
			<i>For Galvanized Finish, Add</i>	14.22	
			<i>For >10 To 20, Deduct</i>	-28.84	
			<i>For >20 To 40, Deduct</i>	-52.95	
			<i>For >40, Deduct</i>	-110.64	
26 56	13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	952.16	226.01
			<i>For Galvanized Finish, Add</i>	15.00	
			<i>For >10 To 20, Deduct</i>	-31.31	
			<i>For >20 To 40, Deduct</i>	-57.61	
			<i>For >40, Deduct</i>	-120.22	
26 56	13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,065.12	254.26
			<i>For Galvanized Finish, Add</i>	16.70	
			<i>For >10 To 20, Deduct</i>	-34.98	
			<i>For >20 To 40, Deduct</i>	-64.39	
			<i>For >40, Deduct</i>	-134.34	
26 56	13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,180.70	282.51
			<i>For Galvanized Finish, Add</i>	18.47	
			<i>For >10 To 20, Deduct</i>	-38.75	
			<i>For >20 To 40, Deduct</i>	-71.35	
			<i>For >40, Deduct</i>	-148.85	
26 56	13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,263.46	310.76
			<i>For Galvanized Finish, Add</i>	19.26	
			<i>For >10 To 20, Deduct</i>	-41.22	
			<i>For >20 To 40, Deduct</i>	-76.01	
			<i>For >40, Deduct</i>	-158.44	
26 56	13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,339.65	339.02
			<i>For Galvanized Finish, Add</i>	19.85	
			<i>For >10 To 20, Deduct</i>	-43.42	
			<i>For >20 To 40, Deduct</i>	-80.21	
			<i>For >40, Deduct</i>	-167.05	
26 56	13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	903.55	197.76
			<i>For Galvanized Finish, Add</i>	15.24	
			<i>For >10 To 20, Deduct</i>	-30.21	
			<i>For >20 To 40, Deduct</i>	-55.34	
			<i>For >40, Deduct</i>	-115.76	
26 56	13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	987.61	226.01
			<i>For Galvanized Finish, Add</i>	16.07	
			<i>For >10 To 20, Deduct</i>	-32.72	
			<i>For >20 To 40, Deduct</i>	-60.09	
			<i>For >40, Deduct</i>	-125.54	
26 56	13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,136.01	254.26
			<i>For Galvanized Finish, Add</i>	18.82	
			<i>For >10 To 20, Deduct</i>	-37.81	
			<i>For >20 To 40, Deduct</i>	-69.35	
			<i>For >40, Deduct</i>	-144.98	
26 56	13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,226.64	282.51
			<i>For Galvanized Finish, Add</i>	19.85	
			<i>For >10 To 20, Deduct</i>	-40.59	
			<i>For >20 To 40, Deduct</i>	-74.56	
			<i>For >40, Deduct</i>	-155.75	
26 56	13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,313.34	310.76
			<i>For Galvanized Finish, Add</i>	20.75	
			<i>For >10 To 20, Deduct</i>	-43.21	
			<i>For >20 To 40, Deduct</i>	-79.50	
			<i>For >40, Deduct</i>	-165.92	
26 56	13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,386.91	339.02
			<i>For Galvanized Finish, Add</i>	21.27	
			<i>For >10 To 20, Deduct</i>	-45.31	
			<i>For >20 To 40, Deduct</i>	-83.52	
			<i>For >40, Deduct</i>	-174.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,661.49	452.01
		<i>For Galvanized Finish, Add</i>	22.72	
		<i>For >10 To 20, Deduct</i>	-52.90	
		<i>For >20 To 40, Deduct</i>	-98.22	
		<i>For >40, Deduct</i>	-204.02	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	903.55	197.76
		<i>For Galvanized Finish, Add</i>	15.24	
		<i>For >10 To 20, Deduct</i>	-30.21	
		<i>For >20 To 40, Deduct</i>	-55.34	
		<i>For >40, Deduct</i>	-115.76	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	991.55	226.01
		<i>For Galvanized Finish, Add</i>	16.19	
		<i>For >10 To 20, Deduct</i>	-32.88	
		<i>For >20 To 40, Deduct</i>	-60.37	
		<i>For >40, Deduct</i>	-126.13	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,157.01	254.26
		<i>For Galvanized Finish, Add</i>	19.45	
		<i>For >10 To 20, Deduct</i>	-38.65	
		<i>For >20 To 40, Deduct</i>	-70.82	
		<i>For >40, Deduct</i>	-148.13	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,230.58	282.51
		<i>For Galvanized Finish, Add</i>	19.97	
		<i>For >10 To 20, Deduct</i>	-40.75	
		<i>For >20 To 40, Deduct</i>	-74.84	
		<i>For >40, Deduct</i>	-156.34	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,313.34	310.76
		<i>For Galvanized Finish, Add</i>	20.75	
		<i>For >10 To 20, Deduct</i>	-43.21	
		<i>For >20 To 40, Deduct</i>	-79.50	
		<i>For >40, Deduct</i>	-165.92	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,386.91	339.02
		<i>For Galvanized Finish, Add</i>	21.27	
		<i>For >10 To 20, Deduct</i>	-45.31	
		<i>For >20 To 40, Deduct</i>	-83.52	
		<i>For >40, Deduct</i>	-174.14	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,698.25	452.01
		<i>For Galvanized Finish, Add</i>	23.83	
		<i>For >10 To 20, Deduct</i>	-54.37	
		<i>For >20 To 40, Deduct</i>	-100.80	
		<i>For >40, Deduct</i>	-209.54	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,879.51	508.52
		<i>For Galvanized Finish, Add</i>	25.87	
		<i>For >10 To 20, Deduct</i>	-59.92	
		<i>For >20 To 40, Deduct</i>	-111.22	
		<i>For >40, Deduct</i>	-231.07	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,470.93	339.02
		<i>For Galvanized Finish, Add</i>	23.79	
		<i>For >10 To 20, Deduct</i>	-48.67	
		<i>For >20 To 40, Deduct</i>	-89.40	
		<i>For >40, Deduct</i>	-186.74	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,715.31	452.01
		<i>For Galvanized Finish, Add</i>	24.34	
		<i>For >10 To 20, Deduct</i>	-55.05	
		<i>For >20 To 40, Deduct</i>	-101.99	
		<i>For >40, Deduct</i>	-212.09	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,912.33	508.52
		<i>For Galvanized Finish, Add</i>	26.86	
		<i>For >10 To 20, Deduct</i>	-61.24	
		<i>For >20 To 40, Deduct</i>	-113.52	
		<i>For >40, Deduct</i>	-236.00	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles (26 56 13 00-0178)

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base (26 56 13 00-0205)

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,767.60	339.02
		<i>For Galvanized Finish, Add</i>	32.69	
		<i>For >10 To 20, Deduct</i>	-60.53	
		<i>For >20 To 40, Deduct</i>	-110.17	
		<i>For >40, Deduct</i>	-231.24	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,808.30	339.02
		<i>For Galvanized Finish, Add</i>	33.91	
		<i>For >10 To 20, Deduct</i>	-62.16	
		<i>For >20 To 40, Deduct</i>	-113.02	
		<i>For >40, Deduct</i>	-237.34	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,123.58	452.01
		<i>For Galvanized Finish, Add</i>	36.59	
		<i>For >10 To 20, Deduct</i>	-71.38	
		<i>For >20 To 40, Deduct</i>	-130.57	
		<i>For >40, Deduct</i>	-273.34	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,207.59	452.01
		<i>For Galvanized Finish, Add</i>	39.11	
		<i>For >10 To 20, Deduct</i>	-74.74	
		<i>For >20 To 40, Deduct</i>	-136.45	
		<i>For >40, Deduct</i>	-285.94	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,367.85	508.52
		<i>For Galvanized Finish, Add</i>	40.52	
		<i>For >10 To 20, Deduct</i>	-79.46	
		<i>For >20 To 40, Deduct</i>	-145.41	
		<i>For >40, Deduct</i>	-304.33	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,508.31	508.52
			<i>For Galvanized Finish, Add</i>	44.74	
			<i>For >10 To 20, Deduct</i>	-85.08	
			<i>For >20 To 40, Deduct</i>	-155.24	
			<i>For >40, Deduct</i>	-325.39	
26 56	13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,593.69	536.78
			<i>For Galvanized Finish, Add</i>	45.60	
			<i>For >10 To 20, Deduct</i>	-87.64	
			<i>For >20 To 40, Deduct</i>	-160.09	
			<i>For >40, Deduct</i>	-335.38	
26 56	13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,680.33	536.78
			<i>For Galvanized Finish, Add</i>	48.20	
			<i>For >10 To 20, Deduct</i>	-91.11	
			<i>For >20 To 40, Deduct</i>	-166.15	
			<i>For >40, Deduct</i>	-348.37	
26 56	13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,887.75	536.78
			<i>For Galvanized Finish, Add</i>	54.43	
			<i>For >10 To 20, Deduct</i>	-99.41	
			<i>For >20 To 40, Deduct</i>	-180.67	
			<i>For >40, Deduct</i>	-379.49	
26 56	13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,928.50	565.02
			<i>For Galvanized Finish, Add</i>	53.95	
			<i>For >10 To 20, Deduct</i>	-100.19	
			<i>For >20 To 40, Deduct</i>	-182.39	
			<i>For >40, Deduct</i>	-382.77	
26 56	13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,965.26	565.02
			<i>For Galvanized Finish, Add</i>	55.06	
			<i>For >10 To 20, Deduct</i>	-101.66	
			<i>For >20 To 40, Deduct</i>	-184.97	
			<i>For >40, Deduct</i>	-388.29	
26 56	13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,011.84	734.53
			<i>For Galvanized Finish, Add</i>	76.28	
			<i>For >10 To 20, Deduct</i>	-138.44	
			<i>For >20 To 40, Deduct</i>	-251.45	
			<i>For >40, Deduct</i>	-528.32	
26 56	13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,229.97	847.54
			<i>For Galvanized Finish, Add</i>	76.05	
			<i>For >10 To 20, Deduct</i>	-143.77	
			<i>For >20 To 40, Deduct</i>	-262.20	
			<i>For >40, Deduct</i>	-549.74	
26 56	13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,777.32	452.01
			<i>For Galvanized Finish, Add</i>	56.20	
			<i>For >10 To 20, Deduct</i>	-97.53	
			<i>For >20 To 40, Deduct</i>	-176.33	
			<i>For >40, Deduct</i>	-371.40	
26 56	13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,150.24	508.52
			<i>For Galvanized Finish, Add</i>	64.00	
			<i>For >10 To 20, Deduct</i>	-110.75	
			<i>For >20 To 40, Deduct</i>	-200.18	
			<i>For >40, Deduct</i>	-421.68	
26 56	13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,636.07	565.02
			<i>For Galvanized Finish, Add</i>	75.18	
			<i>For >10 To 20, Deduct</i>	-128.49	
			<i>For >20 To 40, Deduct</i>	-231.92	
			<i>For >40, Deduct</i>	-488.91	
26 56	13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,421.41	734.53
			<i>For Galvanized Finish, Add</i>	88.57	
			<i>For >10 To 20, Deduct</i>	-154.82	
			<i>For >20 To 40, Deduct</i>	-280.12	
			<i>For >40, Deduct</i>	-589.76	
26 56	13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	5,154.14	847.54
			<i>For Galvanized Finish, Add</i>	103.77	
			<i>For >10 To 20, Deduct</i>	-180.74	
			<i>For >20 To 40, Deduct</i>	-326.89	
			<i>For >40, Deduct</i>	-688.37	
26 56	13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	5,688.43	847.54
			<i>For Galvanized Finish, Add</i>	119.80	
			<i>For >10 To 20, Deduct</i>	-202.11	
			<i>For >20 To 40, Deduct</i>	-364.29	
			<i>For >40, Deduct</i>	-768.51	
26 56	13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	7,473.75	847.54
			<i>For Galvanized Finish, Add</i>	173.36	
			<i>For >10 To 20, Deduct</i>	-273.52	
			<i>For >20 To 40, Deduct</i>	-489.26	
			<i>For >40, Deduct</i>	-1,036.31	
26 56	13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	8,340.16	847.54
			<i>For Galvanized Finish, Add</i>	199.35	
			<i>For >10 To 20, Deduct</i>	-308.18	
			<i>For >20 To 40, Deduct</i>	-549.91	
			<i>For >40, Deduct</i>	-1,166.27	
26 56	13 00-0228		Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0229		Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0228)</small>		
26 56	13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	858.92	197.76
			<i>For Galvanized Finish, Add</i>	13.90	
			<i>For >10 To 20, Deduct</i>	-28.42	
			<i>For >20 To 40, Deduct</i>	-52.21	
			<i>For >40, Deduct</i>	-109.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0231	EA		12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	915.41	226.01
			For Galvanized Finish, Add	13.90	
			For >10 To 20, Deduct	-29.84	
			For >20 To 40, Deduct	-55.04	
			For >40, Deduct	-114.71	
26 56 13 00-0232	EA		14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	994.23	254.26
			For Galvanized Finish, Add	14.57	
			For >10 To 20, Deduct	-32.14	
			For >20 To 40, Deduct	-59.43	
			For >40, Deduct	-123.71	
26 56 13 00-0233	EA		15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,054.00	268.38
			For Galvanized Finish, Add	15.52	
			For >10 To 20, Deduct	-34.11	
			For >20 To 40, Deduct	-63.04	
			For >40, Deduct	-131.26	
26 56 13 00-0234	EA		16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,082.24	282.51
			For Galvanized Finish, Add	15.52	
			For >10 To 20, Deduct	-34.81	
			For >20 To 40, Deduct	-64.46	
			For >40, Deduct	-134.09	
26 56 13 00-0235	EA		18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,153.19	310.76
			For Galvanized Finish, Add	15.95	
			For >10 To 20, Deduct	-36.80	
			For >20 To 40, Deduct	-68.29	
			For >40, Deduct	-141.90	
26 56 13 00-0236	EA		20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,221.50	339.02
			For Galvanized Finish, Add	16.30	
			For >10 To 20, Deduct	-38.69	
			For >20 To 40, Deduct	-71.94	
			For >40, Deduct	-149.32	
26 56 13 00-0237	EA		25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,526.28	452.01
			For Galvanized Finish, Add	18.67	
			For >10 To 20, Deduct	-47.49	
			For >20 To 40, Deduct	-88.76	
			For >40, Deduct	-183.74	
26 56 13 00-0238	EA		20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,398.72	339.02
			For Galvanized Finish, Add	21.62	
			For >10 To 20, Deduct	-45.78	
			For >20 To 40, Deduct	-84.35	
			For >40, Deduct	-175.91	
26 56 13 00-0239	EA		25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,770.45	452.01
			For Galvanized Finish, Add	25.99	
			For >10 To 20, Deduct	-57.26	
			For >20 To 40, Deduct	-105.85	
			For >40, Deduct	-220.37	
26 56 13 00-0240	EA		30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,026.54	508.52
			For Galvanized Finish, Add	30.29	
			For >10 To 20, Deduct	-65.81	
			For >20 To 40, Deduct	-121.52	
			For >40, Deduct	-253.13	
26 56 13 00-0241	EA		20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,350.15	339.02
			For Galvanized Finish, Add	20.16	
			For >10 To 20, Deduct	-43.84	
			For >20 To 40, Deduct	-80.95	
			For >40, Deduct	-168.62	
26 56 13 00-0242	EA		25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,675.93	452.01
			For Galvanized Finish, Add	23.16	
			For >10 To 20, Deduct	-53.48	
			For >20 To 40, Deduct	-99.23	
			For >40, Deduct	-206.19	
26 56 13 00-0243	EA		30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,945.15	508.52
			For Galvanized Finish, Add	27.84	
			For >10 To 20, Deduct	-62.55	
			For >20 To 40, Deduct	-115.82	
			For >40, Deduct	-240.92	
26 56 13 00-0244	EA		20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,516.87	339.02
			For Galvanized Finish, Add	25.17	
			For >10 To 20, Deduct	-50.50	
			For >20 To 40, Deduct	-92.62	
			For >40, Deduct	-193.63	
26 56 13 00-0245	EA		25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,888.60	452.01
			For Galvanized Finish, Add	29.54	
			For >10 To 20, Deduct	-61.98	
			For >20 To 40, Deduct	-114.12	
			For >40, Deduct	-238.09	
26 56 13 00-0246	EA		30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,138.12	508.52
			For Galvanized Finish, Add	33.63	
			For >10 To 20, Deduct	-70.27	
			For >20 To 40, Deduct	-129.33	
			For >40, Deduct	-269.87	
26 56 13 00-0247	EA		35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,357.40	536.78
			For Galvanized Finish, Add	38.52	
			For >10 To 20, Deduct	-78.19	
			For >20 To 40, Deduct	-143.55	
			For >40, Deduct	-299.93	
26 56 13 00-0248	EA		30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,396.73	508.52
			For Galvanized Finish, Add	41.39	
			For >10 To 20, Deduct	-80.61	
			For >20 To 40, Deduct	-147.43	
			For >40, Deduct	-308.66	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0249	EA		35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,617.32	536.78
			<i>For Galvanized Finish, Add</i>	46.31	
			<i>For >10 To 20, Deduct</i>	-88.59	
			<i>For >20 To 40, Deduct</i>	-161.74	
			<i>For >40, Deduct</i>	-338.92	
26 56 13 00-0250	EA		40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,767.04	565.02
			<i>For Galvanized Finish, Add</i>	49.11	
			<i>For >10 To 20, Deduct</i>	-93.73	
			<i>For >20 To 40, Deduct</i>	-171.09	
			<i>For >40, Deduct</i>	-358.55	
26 56 13 00-0251			Hinged, Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0252			Hinged, Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0251)</small>		
26 56 13 00-0253	EA		20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,854.83	339.02
			<i>For Galvanized Finish, Add</i>	65.30	
			<i>For >10 To 20, Deduct</i>	-104.02	
			<i>For >20 To 40, Deduct</i>	-186.28	
			<i>For >40, Deduct</i>	-394.32	
26 56 13 00-0254	EA		25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,228.84	452.01
			<i>For Galvanized Finish, Add</i>	69.74	
			<i>For >10 To 20, Deduct</i>	-115.59	
			<i>For >20 To 40, Deduct</i>	-207.94	
			<i>For >40, Deduct</i>	-439.12	
26 56 13 00-0255	EA		30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,447.70	508.52
			<i>For Galvanized Finish, Add</i>	102.92	
			<i>For >10 To 20, Deduct</i>	-162.65	
			<i>For >20 To 40, Deduct</i>	-291.00	
			<i>For >40, Deduct</i>	-616.30	
26 56 13 00-0256	EA		20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,907.89	339.02
			<i>For Galvanized Finish, Add</i>	66.90	
			<i>For >10 To 20, Deduct</i>	-106.15	
			<i>For >20 To 40, Deduct</i>	-189.99	
			<i>For >40, Deduct</i>	-402.28	
26 56 13 00-0257	EA		25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,537.42	452.01
			<i>For Galvanized Finish, Add</i>	79.00	
			<i>For >10 To 20, Deduct</i>	-127.94	
			<i>For >20 To 40, Deduct</i>	-229.54	
			<i>For >40, Deduct</i>	-485.41	
26 56 13 00-0258	EA		30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,907.07	508.52
			<i>For Galvanized Finish, Add</i>	116.70	
			<i>For >10 To 20, Deduct</i>	-181.03	
			<i>For >20 To 40, Deduct</i>	-323.15	
			<i>For >40, Deduct</i>	-685.21	
26 56 13 00-0259	EA		35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,604.46	536.78
			<i>For Galvanized Finish, Add</i>	135.93	
			<i>For >10 To 20, Deduct</i>	-208.08	
			<i>For >20 To 40, Deduct</i>	-370.84	
			<i>For >40, Deduct</i>	-786.99	
26 56 13 00-0260	EA		39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,550.40	565.02
			<i>For Galvanized Finish, Add</i>	162.61	
			<i>For >10 To 20, Deduct</i>	-245.07	
			<i>For >20 To 40, Deduct</i>	-435.93	
			<i>For >40, Deduct</i>	-926.06	
26 56 13 00-0261	EA		20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,771.05	339.02
			<i>For Galvanized Finish, Add</i>	62.79	
			<i>For >10 To 20, Deduct</i>	-100.67	
			<i>For >20 To 40, Deduct</i>	-180.41	
			<i>For >40, Deduct</i>	-381.76	
26 56 13 00-0262	EA		25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,094.80	452.01
			<i>For Galvanized Finish, Add</i>	65.72	
			<i>For >10 To 20, Deduct</i>	-110.23	
			<i>For >20 To 40, Deduct</i>	-198.56	
			<i>For >40, Deduct</i>	-419.02	
26 56 13 00-0263	EA		30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,211.72	508.52
			<i>For Galvanized Finish, Add</i>	95.84	
			<i>For >10 To 20, Deduct</i>	-153.21	
			<i>For >20 To 40, Deduct</i>	-274.48	
			<i>For >40, Deduct</i>	-580.91	
26 56 13 00-0264	EA		20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,867.39	339.02
			<i>For Galvanized Finish, Add</i>	65.68	
			<i>For >10 To 20, Deduct</i>	-104.53	
			<i>For >20 To 40, Deduct</i>	-187.16	
			<i>For >40, Deduct</i>	-396.21	
26 56 13 00-0265	EA		25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,411.76	452.01
			<i>For Galvanized Finish, Add</i>	75.23	
			<i>For >10 To 20, Deduct</i>	-122.91	
			<i>For >20 To 40, Deduct</i>	-220.74	
			<i>For >40, Deduct</i>	-466.56	
26 56 13 00-0266	EA		30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	4,732.54	508.52
			<i>For Galvanized Finish, Add</i>	111.47	
			<i>For >10 To 20, Deduct</i>	-174.05	
			<i>For >20 To 40, Deduct</i>	-310.94	
			<i>For >40, Deduct</i>	-659.03	
26 56 13 00-0267	EA		20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,015.40	339.02
			<i>For Galvanized Finish, Add</i>	70.12	
			<i>For >10 To 20, Deduct</i>	-110.45	
			<i>For >20 To 40, Deduct</i>	-197.52	
			<i>For >40, Deduct</i>	-418.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0268	EA		25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,678.44	452.01
			For Galvanized Finish, Add	83.23	
			For >10 To 20, Deduct	-133.58	
			For >20 To 40, Deduct	-239.41	
			For >40, Deduct	-506.56	
26 56 13 00-0269	EA		30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,046.70	508.52
			For Galvanized Finish, Add	120.89	
			For >10 To 20, Deduct	-186.61	
			For >20 To 40, Deduct	-332.93	
			For >40, Deduct	-706.15	
26 56 13 00-0270	EA		35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,774.81	536.78
			For Galvanized Finish, Add	141.04	
			For >10 To 20, Deduct	-214.89	
			For >20 To 40, Deduct	-382.77	
			For >40, Deduct	-812.54	
26 56 13 00-0271	EA		39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,641.16	565.02
			For Galvanized Finish, Add	165.33	
			For >10 To 20, Deduct	-248.70	
			For >20 To 40, Deduct	-442.28	
			For >40, Deduct	-939.67	
26 56 13 00-0272			Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0273			Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
26 56 13 00-0274	EA		20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,210.00	339.02
			For Galvanized Finish, Add	45.96	
			For >10 To 20, Deduct	-78.23	
			For >20 To 40, Deduct	-141.14	
			For >40, Deduct	-297.60	
26 56 13 00-0275	EA		25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,706.43	452.01
			For Galvanized Finish, Add	54.07	
			For >10 To 20, Deduct	-94.70	
			For >20 To 40, Deduct	-171.37	
			For >40, Deduct	-360.76	
26 56 13 00-0276	EA		30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,015.03	508.52
			For Galvanized Finish, Add	59.94	
			For >10 To 20, Deduct	-105.35	
			For >20 To 40, Deduct	-190.71	
			For >40, Deduct	-401.40	
26 56 13 00-0277	EA		35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,330.14	536.78
			For Galvanized Finish, Add	67.70	
			For >10 To 20, Deduct	-117.10	
			For >20 To 40, Deduct	-211.64	
			For >40, Deduct	-445.84	
26 56 13 00-0278	EA		39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,510.05	565.02
			For Galvanized Finish, Add	71.40	
			For >10 To 20, Deduct	-123.45	
			For >20 To 40, Deduct	-223.10	
			For >40, Deduct	-470.01	
26 56 13 00-0279	EA		20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,799.42	339.02
			For Galvanized Finish, Add	63.64	
			For >10 To 20, Deduct	-101.81	
			For >20 To 40, Deduct	-182.40	
			For >40, Deduct	-386.01	
26 56 13 00-0280	EA		25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,168.52	452.01
			For Galvanized Finish, Add	67.93	
			For >10 To 20, Deduct	-113.18	
			For >20 To 40, Deduct	-203.72	
			For >40, Deduct	-430.08	
26 56 13 00-0281	EA		30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,393.10	508.52
			For Galvanized Finish, Add	71.28	
			For >10 To 20, Deduct	-120.47	
			For >20 To 40, Deduct	-217.18	
			For >40, Deduct	-458.11	
26 56 13 00-0282	EA		30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,739.66	508.52
			For Galvanized Finish, Add	81.68	
			For >10 To 20, Deduct	-134.33	
			For >20 To 40, Deduct	-241.44	
			For >40, Deduct	-510.10	
26 56 13 00-0283	EA		35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,045.58	536.78
			For Galvanized Finish, Add	89.16	
			For >10 To 20, Deduct	-145.72	
			For >20 To 40, Deduct	-261.72	
			For >40, Deduct	-553.16	
26 56 13 00-0284	EA		35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,474.85	536.78
			For Galvanized Finish, Add	102.04	
			For >10 To 20, Deduct	-162.89	
			For >20 To 40, Deduct	-291.77	
			For >40, Deduct	-617.55	
26 56 13 00-0285	EA		39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,121.78	565.02
			For Galvanized Finish, Add	89.75	
			For >10 To 20, Deduct	-147.92	
			For >20 To 40, Deduct	-265.92	
			For >40, Deduct	-561.76	
26 56 13 00-0286	EA		39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,178.54	565.02
			For Galvanized Finish, Add	121.45	
			For >10 To 20, Deduct	-190.19	
			For >20 To 40, Deduct	-339.90	
			For >40, Deduct	-720.28	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0287	EA		45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	4,905.81	734.53
			<i>For Galvanized Finish, Add</i>	103.10	
			<i>For >10 To 20, Deduct</i>	-174.20	
			<i>For >20 To 40, Deduct</i>	-314.03	
			<i>For >40, Deduct</i>	-662.42	
26 56 13 00-0288	EA		45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	5,626.51	734.53
			<i>For Galvanized Finish, Add</i>	124.72	
			<i>For >10 To 20, Deduct</i>	-203.02	
			<i>For >20 To 40, Deduct</i>	-364.47	
			<i>For >40, Deduct</i>	-770.52	
26 56 13 00-0289	EA		50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	5,889.27	847.54
			<i>For Galvanized Finish, Add</i>	125.83	
			<i>For >10 To 20, Deduct</i>	-210.14	
			<i>For >20 To 40, Deduct</i>	-378.35	
			<i>For >40, Deduct</i>	-798.64	
26 56 13 00-0290			Factory Accessories For Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0291	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles.....	46.54	
26 56 13 00-0292	EA		Extra Handhole For Steel Area Light Poles.....	69.22	
26 56 13 00-0293	EA		Vibration Dampener For Steel Area Light Poles.....	70.41	
26 56 13 00-0294			Aluminum Area Light Poles <small>(26 56 13 00-0177)</small>		
			Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0295			Round Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0296			Round Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	708.73	169.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	36.97	
			<i>For Black Anodized Finish, Add</i>	73.94	
			<i>For >10 To 20, Deduct</i>	-23.26	
			<i>For >20 To 40, Deduct</i>	-42.83	
			<i>For >40, Deduct</i>	-89.36	
26 56 13 00-0298	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	784.19	197.76
			<i>For Bronze Or Satin Anodized Finish, Add</i>	38.87	
			<i>For Black Anodized Finish, Add</i>	77.73	
			<i>For >10 To 20, Deduct</i>	-25.43	
			<i>For >20 To 40, Deduct</i>	-46.98	
			<i>For >40, Deduct</i>	-97.85	
26 56 13 00-0299	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	864.38	226.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	41.24	
			<i>For Black Anodized Finish, Add</i>	82.47	
			<i>For >10 To 20, Deduct</i>	-27.80	
			<i>For >20 To 40, Deduct</i>	-51.47	
			<i>For >40, Deduct</i>	-107.06	
26 56 13 00-0300	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	945.54	254.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	43.70	
			<i>For Black Anodized Finish, Add</i>	87.40	
			<i>For >10 To 20, Deduct</i>	-30.19	
			<i>For >20 To 40, Deduct</i>	-56.02	
			<i>For >40, Deduct</i>	-116.41	
26 56 13 00-0301	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	989.91	268.38
			<i>For Bronze Or Satin Anodized Finish, Add</i>	45.31	
			<i>For Black Anodized Finish, Add</i>	90.63	
			<i>For >10 To 20, Deduct</i>	-31.54	
			<i>For >20 To 40, Deduct</i>	-58.56	
			<i>For >40, Deduct</i>	-121.65	
26 56 13 00-0302	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base.....	1,033.32	282.51
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.83	
			<i>For Black Anodized Finish, Add</i>	93.66	
			<i>For >10 To 20, Deduct</i>	-32.86	
			<i>For >20 To 40, Deduct</i>	-61.03	
			<i>For >40, Deduct</i>	-126.75	
26 56 13 00-0303	EA		16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base.....	1,090.20	282.51
			<i>For Bronze Or Satin Anodized Finish, Add</i>	52.52	
			<i>For Black Anodized Finish, Add</i>	105.04	
			<i>For >10 To 20, Deduct</i>	-35.13	
			<i>For >20 To 40, Deduct</i>	-65.01	
			<i>For >40, Deduct</i>	-135.28	
26 56 13 00-0304	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base.....	1,182.73	310.76
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.12	
			<i>For Black Anodized Finish, Add</i>	112.24	
			<i>For >10 To 20, Deduct</i>	-37.99	
			<i>For >20 To 40, Deduct</i>	-70.36	
			<i>For >40, Deduct</i>	-146.33	
26 56 13 00-0305	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base.....	1,269.57	339.02
			<i>For Bronze Or Satin Anodized Finish, Add</i>	59.15	
			<i>For Black Anodized Finish, Add</i>	118.31	
			<i>For >10 To 20, Deduct</i>	-40.61	
			<i>For >20 To 40, Deduct</i>	-75.31	
			<i>For >40, Deduct</i>	-156.53	
26 56 13 00-0306	EA		15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base.....	1,199.42	268.38
			<i>For Bronze Or Satin Anodized Finish, Add</i>	66.26	
			<i>For Black Anodized Finish, Add</i>	132.53	
			<i>For >10 To 20, Deduct</i>	-39.93	
			<i>For >20 To 40, Deduct</i>	-73.22	
			<i>For >40, Deduct</i>	-153.07	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,479.07	339.02
		For Bronze Or Satin Anodized Finish, Add	80.10	
		For Black Anodized Finish, Add	160.21	
		For >10 To 20, Deduct	-48.99	
		For >20 To 40, Deduct	-89.97	
		For >40, Deduct	-187.96	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,585.25	339.02
		For Bronze Or Satin Anodized Finish, Add	90.72	
		For Black Anodized Finish, Add	181.44	
		For >10 To 20, Deduct	-53.24	
		For >20 To 40, Deduct	-97.41	
		For >40, Deduct	-203.89	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,910.79	452.01
		For Bronze Or Satin Anodized Finish, Add	100.68	
		For Black Anodized Finish, Add	201.35	
		For >10 To 20, Deduct	-62.87	
		For >20 To 40, Deduct	-115.67	
		For >40, Deduct	-241.42	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,212.44	508.52
		For Bronze Or Satin Anodized Finish, Add	119.54	
		For Black Anodized Finish, Add	239.08	
		For >10 To 20, Deduct	-73.24	
		For >20 To 40, Deduct	-134.53	
		For >40, Deduct	-281.01	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,334.98	339.02
		For Bronze Or Satin Anodized Finish, Add	65.70	
		For Black Anodized Finish, Add	131.39	
		For >10 To 20, Deduct	-43.23	
		For >20 To 40, Deduct	-79.89	
		For >40, Deduct	-166.35	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,576.71	339.02
		For Bronze Or Satin Anodized Finish, Add	89.87	
		For Black Anodized Finish, Add	179.74	
		For >10 To 20, Deduct	-52.90	
		For >20 To 40, Deduct	-96.81	
		For >40, Deduct	-202.61	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,895.63	452.01
		For Bronze Or Satin Anodized Finish, Add	99.16	
		For Black Anodized Finish, Add	198.32	
		For >10 To 20, Deduct	-62.26	
		For >20 To 40, Deduct	-114.61	
		For >40, Deduct	-239.14	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,033.08	452.01
		For Bronze Or Satin Anodized Finish, Add	112.90	
		For Black Anodized Finish, Add	225.81	
		For >10 To 20, Deduct	-67.76	
		For >20 To 40, Deduct	-124.23	
		For >40, Deduct	-259.76	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,367.91	508.52
		For Bronze Or Satin Anodized Finish, Add	135.09	
		For Black Anodized Finish, Add	270.17	
		For >10 To 20, Deduct	-79.46	
		For >20 To 40, Deduct	-145.41	
		For >40, Deduct	-304.33	
26 56 13 00-0316		Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0295)		
26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	805.43	169.50
		For Bronze, Satin Or Black Anodized Finish, Add	69.96	
		For >10 To 20, Deduct	-27.13	
		For >20 To 40, Deduct	-49.60	
		For >40, Deduct	-103.86	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	899.85	197.76
		For Bronze, Satin Or Black Anodized Finish, Add	75.65	
		For >10 To 20, Deduct	-30.06	
		For >20 To 40, Deduct	-55.08	
		For >40, Deduct	-115.20	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	990.46	226.01
		For Bronze, Satin Or Black Anodized Finish, Add	80.77	
		For >10 To 20, Deduct	-32.84	
		For >20 To 40, Deduct	-60.29	
		For >40, Deduct	-125.97	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,063.09	254.26
		For Bronze, Satin Or Black Anodized Finish, Add	83.19	
		For >10 To 20, Deduct	-34.90	
		For >20 To 40, Deduct	-64.25	
		For >40, Deduct	-134.04	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,147.08	282.51
		For Bronze, Satin Or Black Anodized Finish, Add	87.31	
		For >10 To 20, Deduct	-37.41	
		For >20 To 40, Deduct	-69.00	
		For >40, Deduct	-143.81	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	919.75	197.76
		For Bronze, Satin Or Black Anodized Finish, Add	78.63	
		For >10 To 20, Deduct	-30.86	
		For >20 To 40, Deduct	-56.47	
		For >40, Deduct	-118.19	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0323	EA 12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,008.47	226.01
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	83.47	
	<i>For >10 To 20, Deduct</i>	-33.56	
	<i>For >20 To 40, Deduct</i>	-61.55	
	<i>For >40, Deduct</i>	-128.67	
26 56 13 00-0324	EA 14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,100.06	254.26
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	88.73	
	<i>For >10 To 20, Deduct</i>	-36.37	
	<i>For >20 To 40, Deduct</i>	-66.83	
	<i>For >40, Deduct</i>	-139.58	
26 56 13 00-0325	EA 16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,190.69	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	93.85	
	<i>For >10 To 20, Deduct</i>	-39.15	
	<i>For >20 To 40, Deduct</i>	-72.05	
	<i>For >40, Deduct</i>	-150.35	
26 56 13 00-0326	EA 18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,286.06	310.76
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	99.68	
	<i>For >10 To 20, Deduct</i>	-42.12	
	<i>For >20 To 40, Deduct</i>	-77.59	
	<i>For >40, Deduct</i>	-161.83	
26 56 13 00-0327	EA 20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,375.74	339.02
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	104.66	
	<i>For >10 To 20, Deduct</i>	-44.86	
	<i>For >20 To 40, Deduct</i>	-82.74	
	<i>For >40, Deduct</i>	-172.46	
26 56 13 00-0328	EA 12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,045.45	226.01
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	89.02	
	<i>For >10 To 20, Deduct</i>	-35.04	
	<i>For >20 To 40, Deduct</i>	-64.14	
	<i>For >40, Deduct</i>	-134.22	
26 56 13 00-0329	EA 14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,143.67	254.26
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	95.27	
	<i>For >10 To 20, Deduct</i>	-38.12	
	<i>For >20 To 40, Deduct</i>	-69.89	
	<i>For >40, Deduct</i>	-146.12	
26 56 13 00-0330	EA 16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,240.93	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	101.39	
	<i>For >10 To 20, Deduct</i>	-41.16	
	<i>For >20 To 40, Deduct</i>	-75.56	
	<i>For >40, Deduct</i>	-157.89	
26 56 13 00-0331	EA 18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,340.10	310.76
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	107.79	
	<i>For >10 To 20, Deduct</i>	-44.28	
	<i>For >20 To 40, Deduct</i>	-81.38	
	<i>For >40, Deduct</i>	-169.94	
26 56 13 00-0332	EA 16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,294.02	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	109.35	
	<i>For >10 To 20, Deduct</i>	-43.29	
	<i>For >20 To 40, Deduct</i>	-79.28	
	<i>For >40, Deduct</i>	-165.85	
26 56 13 00-0333	EA 20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,499.93	339.02
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	123.29	
	<i>For >10 To 20, Deduct</i>	-49.83	
	<i>For >20 To 40, Deduct</i>	-91.43	
	<i>For >40, Deduct</i>	-191.09	
26 56 13 00-0334	EA 12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,080.52	226.01
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	94.28	
	<i>For >10 To 20, Deduct</i>	-36.44	
	<i>For >20 To 40, Deduct</i>	-66.60	
	<i>For >40, Deduct</i>	-139.48	
26 56 13 00-0335	EA 14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,189.17	254.26
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	102.10	
	<i>For >10 To 20, Deduct</i>	-39.94	
	<i>For >20 To 40, Deduct</i>	-73.07	
	<i>For >40, Deduct</i>	-152.95	
26 56 13 00-0336	EA 16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,288.33	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	108.50	
	<i>For >10 To 20, Deduct</i>	-43.06	
	<i>For >20 To 40, Deduct</i>	-78.88	
	<i>For >40, Deduct</i>	-165.00	
26 56 13 00-0337	EA 18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,393.19	310.76
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	115.75	
	<i>For >10 To 20, Deduct</i>	-46.40	
	<i>For >20 To 40, Deduct</i>	-85.09	
	<i>For >40, Deduct</i>	-177.90	
26 56 13 00-0338	EA 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,495.19	339.02
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	122.57	
	<i>For >10 To 20, Deduct</i>	-49.64	
	<i>For >20 To 40, Deduct</i>	-91.10	
	<i>For >40, Deduct</i>	-190.38	
26 56 13 00-0339	EA 16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,357.53	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	118.88	
	<i>For >10 To 20, Deduct</i>	-45.83	
	<i>For >20 To 40, Deduct</i>	-83.73	
	<i>For >40, Deduct</i>	-175.38	
26 56 13 00-0340	EA 18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,470.92	310.76
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	127.41	
	<i>For >10 To 20, Deduct</i>	-49.51	
	<i>For >20 To 40, Deduct</i>	-90.53	
	<i>For >40, Deduct</i>	-189.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 13 00-0341	EA		20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,524.58	339.02
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	126.98	
			<i>For >10 To 20, Deduct</i>	-50.81	
			<i>For >20 To 40, Deduct</i>	-93.16	
			<i>For >40, Deduct</i>	-194.79	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0295)

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0343	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	631.37	141.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	34.89	
			<i>For Black Anodized Finish, Add</i>	69.77	
			<i>For >10 To 20, Deduct</i>	-21.02	
			<i>For >20 To 40, Deduct</i>	-38.55	
			<i>For >40, Deduct</i>	-80.58	
26 56 13 00-0344	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	677.63	155.38
			<i>For Bronze Or Satin Anodized Finish, Add</i>	36.69	
			<i>For Black Anodized Finish, Add</i>	73.37	
			<i>For >10 To 20, Deduct</i>	-22.44	
			<i>For >20 To 40, Deduct</i>	-41.22	
			<i>For >40, Deduct</i>	-86.11	
26 56 13 00-0345	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	748.55	169.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	40.95	
			<i>For Black Anodized Finish, Add</i>	81.91	
			<i>For >10 To 20, Deduct</i>	-24.86	
			<i>For >20 To 40, Deduct</i>	-45.62	
			<i>For >40, Deduct</i>	-95.33	
26 56 13 00-0346	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	770.35	169.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	43.13	
			<i>For Black Anodized Finish, Add</i>	86.27	
			<i>For >10 To 20, Deduct</i>	-25.73	
			<i>For >20 To 40, Deduct</i>	-47.14	
			<i>For >40, Deduct</i>	-98.60	
26 56 13 00-0347	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	797.84	169.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	45.88	
			<i>For Black Anodized Finish, Add</i>	91.76	
			<i>For >10 To 20, Deduct</i>	-26.83	
			<i>For >20 To 40, Deduct</i>	-49.07	
			<i>For >40, Deduct</i>	-102.73	
26 56 13 00-0348	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	909.50	183.63
			<i>For Bronze Or Satin Anodized Finish, Add</i>	54.22	
			<i>For Black Anodized Finish, Add</i>	108.45	
			<i>For >10 To 20, Deduct</i>	-30.87	
			<i>For >20 To 40, Deduct</i>	-56.32	
			<i>For >40, Deduct</i>	-118.06	
26 56 13 00-0349	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	972.84	197.76
			<i>For Bronze Or Satin Anodized Finish, Add</i>	57.73	
			<i>For Black Anodized Finish, Add</i>	115.46	
			<i>For >10 To 20, Deduct</i>	-32.98	
			<i>For >20 To 40, Deduct</i>	-60.19	
			<i>For >40, Deduct</i>	-126.15	
26 56 13 00-0350	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,119.78	197.76
			<i>For Bronze Or Satin Anodized Finish, Add</i>	72.43	
			<i>For Black Anodized Finish, Add</i>	144.85	
			<i>For >10 To 20, Deduct</i>	-38.86	
			<i>For >20 To 40, Deduct</i>	-70.47	
			<i>For >40, Deduct</i>	-148.19	
26 56 13 00-0351	EA		25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,364.91	226.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	91.29	
			<i>For Black Anodized Finish, Add</i>	182.58	
			<i>For >10 To 20, Deduct</i>	-47.82	
			<i>For >20 To 40, Deduct</i>	-86.50	
			<i>For >40, Deduct</i>	-182.14	
26 56 13 00-0352	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,548.45	254.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	103.99	
			<i>For Black Anodized Finish, Add</i>	207.99	
			<i>For >10 To 20, Deduct</i>	-54.31	
			<i>For >20 To 40, Deduct</i>	-98.22	
			<i>For >40, Deduct</i>	-206.84	
26 56 13 00-0353	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,721.93	254.26
			<i>For Bronze Or Satin Anodized Finish, Add</i>	121.34	
			<i>For Black Anodized Finish, Add</i>	242.68	
			<i>For >10 To 20, Deduct</i>	-61.25	
			<i>For >20 To 40, Deduct</i>	-110.36	
			<i>For >40, Deduct</i>	-232.86	

26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles (26 56 13 00-0294)
26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base (26 56 13 00-0354)

26 56 13 00-0356	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	607.30	169.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	26.83	
			<i>For Black Anodized Finish, Add</i>	53.66	
			<i>For >10 To 20, Deduct</i>	-19.21	
			<i>For >20 To 40, Deduct</i>	-35.73	
			<i>For >40, Deduct</i>	-74.14	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	685.60	197.76
		For Bronze Or Satin Anodized Finish, Add	29.01	
		For Black Anodized Finish, Add	58.02	
		For >10 To 20, Deduct	-21.49	
		For >20 To 40, Deduct	-40.08	
		For >40, Deduct	-83.06	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	763.90	226.01
		For Bronze Or Satin Anodized Finish, Add	31.19	
		For Black Anodized Finish, Add	62.38	
		For >10 To 20, Deduct	-23.78	
		For >20 To 40, Deduct	-44.43	
		For >40, Deduct	-91.98	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	850.74	254.26
		For Bronze Or Satin Anodized Finish, Add	34.22	
		For Black Anodized Finish, Add	68.44	
		For >10 To 20, Deduct	-26.40	
		For >20 To 40, Deduct	-49.38	
		For >40, Deduct	-102.19	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	936.63	282.51
		For Bronze Or Satin Anodized Finish, Add	37.16	
		For Black Anodized Finish, Add	74.32	
		For >10 To 20, Deduct	-28.99	
		For >20 To 40, Deduct	-54.26	
		For >40, Deduct	-112.24	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	710.25	197.76
		For Bronze Or Satin Anodized Finish, Add	31.47	
		For Black Anodized Finish, Add	62.95	
		For >10 To 20, Deduct	-22.48	
		For >20 To 40, Deduct	-41.81	
		For >40, Deduct	-86.76	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	802.76	226.01
		For Bronze Or Satin Anodized Finish, Add	35.08	
		For Black Anodized Finish, Add	70.15	
		For >10 To 20, Deduct	-25.33	
		For >20 To 40, Deduct	-47.15	
		For >40, Deduct	-97.81	
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	892.45	254.26
		For Bronze Or Satin Anodized Finish, Add	38.39	
		For Black Anodized Finish, Add	76.79	
		For >10 To 20, Deduct	-28.07	
		For >20 To 40, Deduct	-52.30	
		For >40, Deduct	-108.44	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,065.18	310.76
		For Bronze Or Satin Anodized Finish, Add	44.37	
		For Black Anodized Finish, Add	88.73	
		For >10 To 20, Deduct	-33.28	
		For >20 To 40, Deduct	-62.13	
		For >40, Deduct	-128.70	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,145.38	339.02
		For Bronze Or Satin Anodized Finish, Add	46.74	
		For Black Anodized Finish, Add	93.47	
		For >10 To 20, Deduct	-35.64	
		For >20 To 40, Deduct	-66.62	
		For >40, Deduct	-137.91	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	837.84	226.01
		For Bronze Or Satin Anodized Finish, Add	38.58	
		For Black Anodized Finish, Add	77.17	
		For >10 To 20, Deduct	-26.73	
		For >20 To 40, Deduct	-49.61	
		For >40, Deduct	-103.08	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	933.22	254.26
		For Bronze Or Satin Anodized Finish, Add	42.47	
		For Black Anodized Finish, Add	84.94	
		For >10 To 20, Deduct	-29.70	
		For >20 To 40, Deduct	-55.16	
		For >40, Deduct	-114.56	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,035.22	282.51
		For Bronze Or Satin Anodized Finish, Add	47.02	
		For Black Anodized Finish, Add	94.04	
		For >10 To 20, Deduct	-32.93	
		For >20 To 40, Deduct	-61.17	
		For >40, Deduct	-127.03	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,120.17	310.76
		For Bronze Or Satin Anodized Finish, Add	49.86	
		For Black Anodized Finish, Add	99.73	
		For >10 To 20, Deduct	-35.48	
		For >20 To 40, Deduct	-65.98	
		For >40, Deduct	-136.95	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,218.38	339.02
		For Bronze Or Satin Anodized Finish, Add	54.04	
		For Black Anodized Finish, Add	108.07	
		For >10 To 20, Deduct	-38.56	
		For >20 To 40, Deduct	-71.73	
		For >40, Deduct	-148.86	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,128.12	282.51
		For Bronze Or Satin Anodized Finish, Add	56.31	
		For Black Anodized Finish, Add	112.62	
		For >10 To 20, Deduct	-36.65	
		For >20 To 40, Deduct	-67.67	
		For >40, Deduct	-140.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0372	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,238.67	310.76
			For Bronze Or Satin Anodized Finish, Add	61.71	
			For Black Anodized Finish, Add	123.43	
			For >10 To 20, Deduct	-40.22	
			For >20 To 40, Deduct	-74.28	
			For >40, Deduct	-154.72	
26 56 13 00-0373	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,310.33	339.02
			For Bronze Or Satin Anodized Finish, Add	63.23	
			For Black Anodized Finish, Add	126.46	
			For >10 To 20, Deduct	-42.24	
			For >20 To 40, Deduct	-78.16	
			For >40, Deduct	-162.65	
26 56 13 00-0374	EA		23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,507.70	395.52
			For Bronze Or Satin Anodized Finish, Add	71.67	
			For Black Anodized Finish, Add	143.33	
			For >10 To 20, Deduct	-48.44	
			For >20 To 40, Deduct	-89.72	
			For >40, Deduct	-186.60	
26 56 13 00-0375	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,710.77	452.01
			For Bronze Or Satin Anodized Finish, Add	80.67	
			For Black Anodized Finish, Add	161.35	
			For >10 To 20, Deduct	-54.87	
			For >20 To 40, Deduct	-101.67	
			For >40, Deduct	-211.41	
26 56 13 00-0376	EA		18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,331.57	310.76
			For Bronze Or Satin Anodized Finish, Add	71.00	
			For Black Anodized Finish, Add	142.01	
			For >10 To 20, Deduct	-43.94	
			For >20 To 40, Deduct	-80.78	
			For >40, Deduct	-168.66	
26 56 13 00-0377	EA		20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,423.14	339.02
			For Bronze Or Satin Anodized Finish, Add	74.51	
			For Black Anodized Finish, Add	149.02	
			For >10 To 20, Deduct	-46.76	
			For >20 To 40, Deduct	-86.06	
			For >40, Deduct	-179.57	
26 56 13 00-0378	EA		23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,596.81	395.52
			For Bronze Or Satin Anodized Finish, Add	80.58	
			For Black Anodized Finish, Add	161.16	
			For >10 To 20, Deduct	-52.01	
			For >20 To 40, Deduct	-95.96	
			For >40, Deduct	-199.97	
26 56 13 00-0379	EA		25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,779.03	452.01
			For Bronze Or Satin Anodized Finish, Add	87.50	
			For Black Anodized Finish, Add	175.00	
			For >10 To 20, Deduct	-57.60	
			For >20 To 40, Deduct	-106.45	
			For >40, Deduct	-221.65	
26 56 13 00-0380	EA		28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,912.31	480.27
			For Bronze Or Satin Anodized Finish, Add	95.18	
			For Black Anodized Finish, Add	190.35	
			For >10 To 20, Deduct	-62.08	
			For >20 To 40, Deduct	-114.65	
			For >40, Deduct	-238.82	
26 56 13 00-0381	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,047.49	508.52
			For Bronze Or Satin Anodized Finish, Add	103.05	
			For Black Anodized Finish, Add	206.09	
			For >10 To 20, Deduct	-66.64	
			For >20 To 40, Deduct	-122.98	
			For >40, Deduct	-256.27	
26 56 13 00-0382	EA		23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,684.98	395.52
			For Bronze Or Satin Anodized Finish, Add	89.40	
			For Black Anodized Finish, Add	178.79	
			For >10 To 20, Deduct	-55.53	
			For >20 To 40, Deduct	-102.13	
			For >40, Deduct	-213.20	
26 56 13 00-0383	EA		25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,837.80	452.01
			For Bronze Or Satin Anodized Finish, Add	93.38	
			For Black Anodized Finish, Add	186.75	
			For >10 To 20, Deduct	-59.95	
			For >20 To 40, Deduct	-110.57	
			For >40, Deduct	-230.47	
26 56 13 00-0384	EA		28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,975.83	480.27
			For Bronze Or Satin Anodized Finish, Add	101.53	
			For Black Anodized Finish, Add	203.06	
			For >10 To 20, Deduct	-64.63	
			For >20 To 40, Deduct	-119.10	
			For >40, Deduct	-248.35	
26 56 13 00-0385	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,146.08	508.52
			For Bronze Or Satin Anodized Finish, Add	112.90	
			For Black Anodized Finish, Add	225.81	
			For >10 To 20, Deduct	-70.59	
			For >20 To 40, Deduct	-129.88	
			For >40, Deduct	-271.06	
26 56 13 00-0386	EA		33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,217.00	522.65
			For Bronze Or Satin Anodized Finish, Add	117.17	
			For Black Anodized Finish, Add	234.34	
			For >10 To 20, Deduct	-73.00	
			For >20 To 40, Deduct	-134.28	
			For >40, Deduct	-280.29	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0387	EA 35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,359.95	536.78
	For Bronze Or Satin Anodized Finish, Add	128.64	
	For Black Anodized Finish, Add	257.28	
	For >10 To 20, Deduct	-78.29	
	For >20 To 40, Deduct	-143.73	
	For >40, Deduct	-300.32	
26 56 13 00-0388	EA 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	876.71	226.01
	For Bronze Or Satin Anodized Finish, Add	42.47	
	For Black Anodized Finish, Add	84.94	
	For >10 To 20, Deduct	-28.29	
	For >20 To 40, Deduct	-52.33	
	For >40, Deduct	-108.91	
26 56 13 00-0389	EA 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	978.72	254.26
	For Bronze Or Satin Anodized Finish, Add	47.02	
	For Black Anodized Finish, Add	94.04	
	For >10 To 20, Deduct	-31.52	
	For >20 To 40, Deduct	-58.34	
	For >40, Deduct	-121.38	
26 56 13 00-0390	EA 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,084.51	282.51
	For Bronze Or Satin Anodized Finish, Add	51.95	
	For Black Anodized Finish, Add	103.90	
	For >10 To 20, Deduct	-34.91	
	For >20 To 40, Deduct	-64.62	
	For >40, Deduct	-134.43	
26 56 13 00-0391	EA 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,179.89	310.76
	For Bronze Or Satin Anodized Finish, Add	55.84	
	For Black Anodized Finish, Add	111.67	
	For >10 To 20, Deduct	-37.87	
	For >20 To 40, Deduct	-70.16	
	For >40, Deduct	-145.91	
26 56 13 00-0392	EA 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,274.31	339.02
	For Bronze Or Satin Anodized Finish, Add	59.63	
	For Black Anodized Finish, Add	119.26	
	For >10 To 20, Deduct	-40.80	
	For >20 To 40, Deduct	-75.64	
	For >40, Deduct	-157.25	
26 56 13 00-0393	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,187.84	282.51
	For Bronze Or Satin Anodized Finish, Add	62.28	
	For Black Anodized Finish, Add	124.56	
	For >10 To 20, Deduct	-39.04	
	For >20 To 40, Deduct	-71.85	
	For >40, Deduct	-149.93	
26 56 13 00-0394	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,301.23	310.76
	For Bronze Or Satin Anodized Finish, Add	67.97	
	For Black Anodized Finish, Add	135.94	
	For >10 To 20, Deduct	-42.73	
	For >20 To 40, Deduct	-78.66	
	For >40, Deduct	-164.11	
26 56 13 00-0395	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,385.22	339.02
	For Bronze Or Satin Anodized Finish, Add	70.72	
	For Black Anodized Finish, Add	141.44	
	For >10 To 20, Deduct	-45.24	
	For >20 To 40, Deduct	-83.40	
	For >40, Deduct	-173.88	
26 56 13 00-0396	EA 23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,577.85	395.52
	For Bronze Or Satin Anodized Finish, Add	78.68	
	For Black Anodized Finish, Add	157.36	
	For >10 To 20, Deduct	-51.25	
	For >20 To 40, Deduct	-94.63	
	For >40, Deduct	-197.13	
26 56 13 00-0397	EA 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,776.18	452.01
	For Bronze Or Satin Anodized Finish, Add	87.21	
	For Black Anodized Finish, Add	174.43	
	For >10 To 20, Deduct	-57.49	
	For >20 To 40, Deduct	-106.25	
	For >40, Deduct	-221.23	
26 56 13 00-0398	EA 23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,792.10	395.52
	For Bronze Or Satin Anodized Finish, Add	100.11	
	For Black Anodized Finish, Add	200.21	
	For >10 To 20, Deduct	-59.82	
	For >20 To 40, Deduct	-109.63	
	For >40, Deduct	-229.26	
26 56 13 00-0399	EA 25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,980.00	452.01
	For Bronze Or Satin Anodized Finish, Add	107.60	
	For Black Anodized Finish, Add	215.19	
	For >10 To 20, Deduct	-65.64	
	For >20 To 40, Deduct	-120.52	
	For >40, Deduct	-251.80	
26 56 13 00-0400	EA 28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,129.40	480.27
	For Bronze Or Satin Anodized Finish, Add	116.89	
	For Black Anodized Finish, Add	233.77	
	For >10 To 20, Deduct	-70.77	
	For >20 To 40, Deduct	-129.85	
	For >40, Deduct	-271.38	
26 56 13 00-0401	EA 30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,262.69	508.52
	For Bronze Or Satin Anodized Finish, Add	124.57	
	For Black Anodized Finish, Add	249.13	
	For >10 To 20, Deduct	-75.25	
	For >20 To 40, Deduct	-138.05	
	For >40, Deduct	-288.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0402	EA		33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,382.90	522.65
			For Bronze Or Satin Anodized Finish, Add	133.76	
			For Black Anodized Finish, Add	267.52	
			For >10 To 20, Deduct	-79.64	
			For >20 To 40, Deduct	-145.90	
			For >40, Deduct	-305.17	
26 56 13 00-0403	EA		35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,487.93	536.78
			For Bronze Or Satin Anodized Finish, Add	141.44	
			For Black Anodized Finish, Add	282.88	
			For >10 To 20, Deduct	-83.41	
			For >20 To 40, Deduct	-152.68	
			For >40, Deduct	-319.51	
26 56 13 00-0404	EA		37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,577.79	550.89
			For Bronze Or Satin Anodized Finish, Add	147.60	
			For Black Anodized Finish, Add	295.20	
			For >10 To 20, Deduct	-86.58	
			For >20 To 40, Deduct	-158.41	
			For >40, Deduct	-331.58	
26 56 13 00-0405	EA		39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,738.77	565.02
			For Bronze Or Satin Anodized Finish, Add	160.87	
			For Black Anodized Finish, Add	321.74	
			For >10 To 20, Deduct	-92.60	
			For >20 To 40, Deduct	-169.11	
			For >40, Deduct	-354.31	
26 56 13 00-0406	EA		28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,538.93	480.27
			For Bronze Or Satin Anodized Finish, Add	157.84	
			For Black Anodized Finish, Add	315.68	
			For >10 To 20, Deduct	-87.15	
			For >20 To 40, Deduct	-158.51	
			For >40, Deduct	-332.81	
26 56 13 00-0407	EA		30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,736.68	508.52
			For Bronze Or Satin Anodized Finish, Add	171.96	
			For Black Anodized Finish, Add	343.93	
			For >10 To 20, Deduct	-94.21	
			For >20 To 40, Deduct	-171.23	
			For >40, Deduct	-359.65	
26 56 13 00-0408	EA		33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,875.85	522.65
			For Bronze Or Satin Anodized Finish, Add	183.06	
			For Black Anodized Finish, Add	366.11	
			For >10 To 20, Deduct	-99.35	
			For >20 To 40, Deduct	-180.40	
			For >40, Deduct	-379.11	
26 56 13 00-0409	EA		35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,981.82	536.78
			For Bronze Or Satin Anodized Finish, Add	190.83	
			For Black Anodized Finish, Add	381.66	
			For >10 To 20, Deduct	-103.17	
			For >20 To 40, Deduct	-187.26	
			For >40, Deduct	-393.60	
26 56 13 00-0410	EA		37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,041.36	550.89
			For Bronze Or Satin Anodized Finish, Add	193.96	
			For Black Anodized Finish, Add	387.91	
			For >10 To 20, Deduct	-105.13	
			For >20 To 40, Deduct	-190.86	
			For >40, Deduct	-401.11	
26 56 13 00-0411	EA		39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,218.45	565.02
			For Bronze Or Satin Anodized Finish, Add	208.84	
			For Black Anodized Finish, Add	417.68	
			For >10 To 20, Deduct	-111.79	
			For >20 To 40, Deduct	-202.69	
			For >40, Deduct	-426.27	
26 56 13 00-0412	EA		28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,409.05	480.27
			For Bronze Or Satin Anodized Finish, Add	144.85	
			For Black Anodized Finish, Add	289.70	
			For >10 To 20, Deduct	-81.95	
			For >20 To 40, Deduct	-149.42	
			For >40, Deduct	-313.33	
26 56 13 00-0413	EA		30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,589.74	508.52
			For Bronze Or Satin Anodized Finish, Add	157.27	
			For Black Anodized Finish, Add	314.54	
			For >10 To 20, Deduct	-88.33	
			For >20 To 40, Deduct	-160.94	
			For >40, Deduct	-337.61	
26 56 13 00-0414	EA		33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,660.66	522.65
			For Bronze Or Satin Anodized Finish, Add	161.54	
			For Black Anodized Finish, Add	323.07	
			For >10 To 20, Deduct	-90.75	
			For >20 To 40, Deduct	-165.34	
			For >40, Deduct	-346.83	
26 56 13 00-0415	EA		35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,840.57	536.78
			For Bronze Or Satin Anodized Finish, Add	176.70	
			For Black Anodized Finish, Add	353.41	
			For >10 To 20, Deduct	-97.52	
			For >20 To 40, Deduct	-177.37	
			For >40, Deduct	-372.41	
26 56 13 00-0416	EA		37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,929.50	550.89
			For Bronze Or Satin Anodized Finish, Add	182.77	
			For Black Anodized Finish, Add	365.54	
			For >10 To 20, Deduct	-100.65	
			For >20 To 40, Deduct	-183.03	
			For >40, Deduct	-384.34	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,107.54	565.02
		<i>For Bronze Or Satin Anodized Finish, Add</i>	197.75	
		<i>For Black Anodized Finish, Add</i>	395.50	
		<i>For >10 To 20, Deduct</i>	-107.35	
		<i>For >20 To 40, Deduct</i>	-194.93	
		<i>For >40, Deduct</i>	-409.63	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,002.49	480.27
		<i>For Bronze Or Satin Anodized Finish, Add</i>	204.20	
		<i>For Black Anodized Finish, Add</i>	408.39	
		<i>For >10 To 20, Deduct</i>	-105.69	
		<i>For >20 To 40, Deduct</i>	-190.96	
		<i>For >40, Deduct</i>	-402.35	
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,174.64	508.52
		<i>For Bronze Or Satin Anodized Finish, Add</i>	215.76	
		<i>For Black Anodized Finish, Add</i>	431.52	
		<i>For >10 To 20, Deduct</i>	-111.73	
		<i>For >20 To 40, Deduct</i>	-201.88	
		<i>For >40, Deduct</i>	-425.34	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,315.71	522.65
		<i>For Bronze Or Satin Anodized Finish, Add</i>	227.04	
		<i>For Black Anodized Finish, Add</i>	454.08	
		<i>For >10 To 20, Deduct</i>	-116.95	
		<i>For >20 To 40, Deduct</i>	-211.19	
		<i>For >40, Deduct</i>	-445.09	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,533.55	536.78
		<i>For Bronze Or Satin Anodized Finish, Add</i>	246.00	
		<i>For Black Anodized Finish, Add</i>	492.00	
		<i>For >10 To 20, Deduct</i>	-125.24	
		<i>For >20 To 40, Deduct</i>	-225.88	
		<i>For >40, Deduct</i>	-476.36	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,582.65	550.89
		<i>For Bronze Or Satin Anodized Finish, Add</i>	248.09	
		<i>For Black Anodized Finish, Add</i>	496.17	
		<i>For >10 To 20, Deduct</i>	-126.78	
		<i>For >20 To 40, Deduct</i>	-228.75	
		<i>For >40, Deduct</i>	-482.31	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,799.56	565.02
		<i>For Bronze Or Satin Anodized Finish, Add</i>	266.95	
		<i>For Black Anodized Finish, Add</i>	533.90	
		<i>For >10 To 20, Deduct</i>	-135.03	
		<i>For >20 To 40, Deduct</i>	-243.37	
		<i>For >40, Deduct</i>	-513.43	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,803.50	847.54
		<i>For Bronze Or Satin Anodized Finish, Add</i>	310.84	
		<i>For Black Anodized Finish, Add</i>	621.69	
		<i>For >10 To 20, Deduct</i>	-166.71	
		<i>For >20 To 40, Deduct</i>	-302.34	
		<i>For >40, Deduct</i>	-635.77	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,921.05	847.54
		<i>For Bronze Or Satin Anodized Finish, Add</i>	322.60	
		<i>For Black Anodized Finish, Add</i>	645.20	
		<i>For >10 To 20, Deduct</i>	-171.42	
		<i>For >20 To 40, Deduct</i>	-310.57	
		<i>For >40, Deduct</i>	-653.40	
26 56 13 00-0426		Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base <small>(26 56 13 00-0354)</small>		
26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	811.11	169.50
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	70.81	
		<i>For >10 To 20, Deduct</i>	-27.36	
		<i>For >20 To 40, Deduct</i>	-50.00	
		<i>For >40, Deduct</i>	-104.72	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	887.52	197.76
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	73.80	
		<i>For >10 To 20, Deduct</i>	-29.57	
		<i>For >20 To 40, Deduct</i>	-54.22	
		<i>For >40, Deduct</i>	-113.35	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	964.87	226.01
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	76.93	
		<i>For >10 To 20, Deduct</i>	-31.81	
		<i>For >20 To 40, Deduct</i>	-58.50	
		<i>For >40, Deduct</i>	-122.13	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,044.13	254.26
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	80.34	
		<i>For >10 To 20, Deduct</i>	-34.14	
		<i>For >20 To 40, Deduct</i>	-62.92	
		<i>For >40, Deduct</i>	-131.19	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,122.43	282.51
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	83.61	
		<i>For >10 To 20, Deduct</i>	-36.42	
		<i>For >20 To 40, Deduct</i>	-67.27	
		<i>For >40, Deduct</i>	-140.11	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	898.90	197.76
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	75.51	
		<i>For >10 To 20, Deduct</i>	-30.02	
		<i>For >20 To 40, Deduct</i>	-55.01	
		<i>For >40, Deduct</i>	-115.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0433	EA		12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	978.14	226.01
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	78.92	
			<i>For >10 To 20, Deduct</i>	-32.35	
			<i>For >20 To 40, Deduct</i>	-59.43	
			<i>For >40, Deduct</i>	-124.12	
26 56 13 00-0434	EA		14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,059.30	254.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	82.62	
			<i>For >10 To 20, Deduct</i>	-34.74	
			<i>For >20 To 40, Deduct</i>	-63.98	
			<i>For >40, Deduct</i>	-133.47	
26 56 13 00-0435	EA		16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,139.50	282.51
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	86.17	
			<i>For >10 To 20, Deduct</i>	-37.10	
			<i>For >20 To 40, Deduct</i>	-68.46	
			<i>For >40, Deduct</i>	-142.67	
26 56 13 00-0436	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,232.03	310.76
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	91.58	
			<i>For >10 To 20, Deduct</i>	-39.96	
			<i>For >20 To 40, Deduct</i>	-73.81	
			<i>For >40, Deduct</i>	-153.73	
26 56 13 00-0437	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,316.02	339.02
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	95.70	
			<i>For >10 To 20, Deduct</i>	-42.47	
			<i>For >20 To 40, Deduct</i>	-78.56	
			<i>For >40, Deduct</i>	-163.50	
26 56 13 00-0438	EA		12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,015.11	226.01
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	84.47	
			<i>For >10 To 20, Deduct</i>	-33.82	
			<i>For >20 To 40, Deduct</i>	-62.02	
			<i>For >40, Deduct</i>	-129.67	
26 56 13 00-0439	EA		14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,101.01	254.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	88.87	
			<i>For >10 To 20, Deduct</i>	-36.41	
			<i>For >20 To 40, Deduct</i>	-66.90	
			<i>For >40, Deduct</i>	-139.73	
26 56 13 00-0440	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,198.27	282.51
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	94.99	
			<i>For >10 To 20, Deduct</i>	-39.46	
			<i>For >20 To 40, Deduct</i>	-72.58	
			<i>For >40, Deduct</i>	-151.49	
26 56 13 00-0441	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,286.06	310.76
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	99.68	
			<i>For >10 To 20, Deduct</i>	-42.12	
			<i>For >20 To 40, Deduct</i>	-77.59	
			<i>For >40, Deduct</i>	-161.83	
26 56 13 00-0442	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,386.17	339.02
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	106.22	
			<i>For >10 To 20, Deduct</i>	-45.28	
			<i>For >20 To 40, Deduct</i>	-83.47	
			<i>For >40, Deduct</i>	-174.02	
26 56 13 00-0443	EA		16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,252.31	282.51
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	103.09	
			<i>For >10 To 20, Deduct</i>	-41.62	
			<i>For >20 To 40, Deduct</i>	-76.36	
			<i>For >40, Deduct</i>	-159.60	
26 56 13 00-0444	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,359.06	310.76
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	110.63	
			<i>For >10 To 20, Deduct</i>	-45.04	
			<i>For >20 To 40, Deduct</i>	-82.70	
			<i>For >40, Deduct</i>	-172.78	
26 56 13 00-0445	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,444.95	339.02
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	115.04	
			<i>For >10 To 20, Deduct</i>	-47.63	
			<i>For >20 To 40, Deduct</i>	-87.59	
			<i>For >40, Deduct</i>	-182.84	
26 56 13 00-0446	EA		12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,044.50	226.01
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	88.87	
			<i>For >10 To 20, Deduct</i>	-35.00	
			<i>For >20 To 40, Deduct</i>	-64.07	
			<i>For >40, Deduct</i>	-134.07	
26 56 13 00-0447	EA		14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,145.56	254.26
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	95.56	
			<i>For >10 To 20, Deduct</i>	-38.19	
			<i>For >20 To 40, Deduct</i>	-70.02	
			<i>For >40, Deduct</i>	-146.41	
26 56 13 00-0448	EA		16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,252.31	282.51
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	103.09	
			<i>For >10 To 20, Deduct</i>	-41.62	
			<i>For >20 To 40, Deduct</i>	-76.36	
			<i>For >40, Deduct</i>	-159.60	
26 56 13 00-0449	EA		18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,347.68	310.76
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	108.92	
			<i>For >10 To 20, Deduct</i>	-44.58	
			<i>For >20 To 40, Deduct</i>	-81.91	
			<i>For >40, Deduct</i>	-171.08	
26 56 13 00-0450	EA		20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,449.69	339.02
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	115.75	
			<i>For >10 To 20, Deduct</i>	-47.82	
			<i>For >20 To 40, Deduct</i>	-87.92	
			<i>For >40, Deduct</i>	-183.55	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0451	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,313.92	282.51
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	112.34	
	<i>For >10 To 20, Deduct</i>	-44.08	
	<i>For >20 To 40, Deduct</i>	-80.67	
	<i>For >40, Deduct</i>	-168.84	
26 56 13 00-0452	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,428.26	310.76
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	121.01	
	<i>For >10 To 20, Deduct</i>	-47.81	
	<i>For >20 To 40, Deduct</i>	-87.55	
	<i>For >40, Deduct</i>	-183.16	
26 56 13 00-0453	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,518.89	339.02
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	126.13	
	<i>For >10 To 20, Deduct</i>	-50.59	
	<i>For >20 To 40, Deduct</i>	-92.76	
	<i>For >40, Deduct</i>	-193.93	
26 56 13 00-0454	Round Tapered, Aluminum Area Light Poles, Direct Burial <small>(26 56 13 00-0354)</small>		
	Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0455	EA 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	563.11	141.26
	<i>For Bronze Or Satin Anodized Finish, Add</i>	28.06	
	<i>For Black Anodized Finish, Add</i>	56.12	
	<i>For >10 To 20, Deduct</i>	-18.29	
	<i>For >20 To 40, Deduct</i>	-33.77	
	<i>For >40, Deduct</i>	-70.34	
26 56 13 00-0456	EA 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	589.66	141.26
	<i>For Bronze Or Satin Anodized Finish, Add</i>	30.72	
	<i>For Black Anodized Finish, Add</i>	61.43	
	<i>For >10 To 20, Deduct</i>	-19.35	
	<i>For >20 To 40, Deduct</i>	-35.63	
	<i>For >40, Deduct</i>	-74.32	
26 56 13 00-0457	EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	639.71	155.38
	<i>For Bronze Or Satin Anodized Finish, Add</i>	32.90	
	<i>For Black Anodized Finish, Add</i>	65.79	
	<i>For >10 To 20, Deduct</i>	-20.93	
	<i>For >20 To 40, Deduct</i>	-38.56	
	<i>For >40, Deduct</i>	-80.42	
26 56 13 00-0458	EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	683.14	169.50
	<i>For Bronze Or Satin Anodized Finish, Add</i>	34.41	
	<i>For Black Anodized Finish, Add</i>	68.82	
	<i>For >10 To 20, Deduct</i>	-22.24	
	<i>For >20 To 40, Deduct</i>	-41.04	
	<i>For >40, Deduct</i>	-85.52	
26 56 13 00-0459	EA 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	717.26	169.50
	<i>For Bronze Or Satin Anodized Finish, Add</i>	37.82	
	<i>For Black Anodized Finish, Add</i>	75.65	
	<i>For >10 To 20, Deduct</i>	-23.61	
	<i>For >20 To 40, Deduct</i>	-43.43	
	<i>For >40, Deduct</i>	-90.64	
26 56 13 00-0460	EA 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	665.30	155.38
	<i>For Bronze Or Satin Anodized Finish, Add</i>	35.45	
	<i>For Black Anodized Finish, Add</i>	70.91	
	<i>For >10 To 20, Deduct</i>	-21.95	
	<i>For >20 To 40, Deduct</i>	-40.36	
	<i>For >40, Deduct</i>	-84.26	
26 56 13 00-0461	EA 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	720.11	169.50
	<i>For Bronze Or Satin Anodized Finish, Add</i>	38.11	
	<i>For Black Anodized Finish, Add</i>	76.22	
	<i>For >10 To 20, Deduct</i>	-23.72	
	<i>For >20 To 40, Deduct</i>	-43.63	
	<i>For >40, Deduct</i>	-91.07	
26 56 13 00-0462	EA 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	739.07	169.50
	<i>For Bronze Or Satin Anodized Finish, Add</i>	40.01	
	<i>For Black Anodized Finish, Add</i>	80.01	
	<i>For >10 To 20, Deduct</i>	-24.48	
	<i>For >20 To 40, Deduct</i>	-44.95	
	<i>For >40, Deduct</i>	-93.91	
26 56 13 00-0463	EA 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	797.64	183.63
	<i>For Bronze Or Satin Anodized Finish, Add</i>	43.04	
	<i>For Black Anodized Finish, Add</i>	86.08	
	<i>For >10 To 20, Deduct</i>	-26.40	
	<i>For >20 To 40, Deduct</i>	-48.49	
	<i>For >40, Deduct</i>	-101.28	
26 56 13 00-0464	EA 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	852.45	197.76
	<i>For Bronze Or Satin Anodized Finish, Add</i>	45.69	
	<i>For Black Anodized Finish, Add</i>	91.39	
	<i>For >10 To 20, Deduct</i>	-28.17	
	<i>For >20 To 40, Deduct</i>	-51.76	
	<i>For >40, Deduct</i>	-108.09	
26 56 13 00-0465	EA 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	794.05	169.50
	<i>For Bronze Or Satin Anodized Finish, Add</i>	45.50	
	<i>For Black Anodized Finish, Add</i>	91.01	
	<i>For >10 To 20, Deduct</i>	-26.68	
	<i>For >20 To 40, Deduct</i>	-48.80	
	<i>For >40, Deduct</i>	-102.16	
26 56 13 00-0466	EA 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	858.31	183.63
	<i>For Bronze Or Satin Anodized Finish, Add</i>	49.11	
	<i>For Black Anodized Finish, Add</i>	98.21	
	<i>For >10 To 20, Deduct</i>	-28.82	
	<i>For >20 To 40, Deduct</i>	-52.74	
	<i>For >40, Deduct</i>	-110.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0467	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	917.86	197.76
			For Bronze Or Satin Anodized Finish, Add	52.23	
			For Black Anodized Finish, Add	104.47	
			For >10 To 20, Deduct	-30.78	
			For >20 To 40, Deduct	-56.34	
			For >40, Deduct	-117.90	
26 56 13 00-0468	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	936.05	183.63
			For Bronze Or Satin Anodized Finish, Add	56.88	
			For Black Anodized Finish, Add	113.76	
			For >10 To 20, Deduct	-31.93	
			For >20 To 40, Deduct	-58.18	
			For >40, Deduct	-122.04	
26 56 13 00-0469	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,198.07	226.01
			For Bronze Or Satin Anodized Finish, Add	74.61	
			For Black Anodized Finish, Add	149.21	
			For >10 To 20, Deduct	-41.14	
			For >20 To 40, Deduct	-74.82	
			For >40, Deduct	-157.11	
26 56 13 00-0470	EA		25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,305.19	226.01
			For Bronze Or Satin Anodized Finish, Add	85.32	
			For Black Anodized Finish, Add	170.64	
			For >10 To 20, Deduct	-45.43	
			For >20 To 40, Deduct	-82.32	
			For >40, Deduct	-173.18	
26 56 13 00-0471	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,453.66	254.26
			For Bronze Or Satin Anodized Finish, Add	94.51	
			For Black Anodized Finish, Add	189.03	
			For >10 To 20, Deduct	-50.52	
			For >20 To 40, Deduct	-91.59	
			For >40, Deduct	-192.62	
26 56 13 00-0472	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,570.26	254.26
			For Bronze Or Satin Anodized Finish, Add	106.17	
			For Black Anodized Finish, Add	212.35	
			For >10 To 20, Deduct	-55.18	
			For >20 To 40, Deduct	-99.75	
			For >40, Deduct	-210.11	
26 56 13 00-0473			Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0474			Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0473)</small>		
26 56 13 00-0475	EA		8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	730.54	169.50
			For Bronze Or Satin Anodized Finish, Add	39.15	
			For Black Anodized Finish, Add	78.30	
			For >10 To 20, Deduct	-24.14	
			For >20 To 40, Deduct	-44.36	
			For >40, Deduct	-92.63	
26 56 13 00-0476	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	806.94	197.76
			For Bronze Or Satin Anodized Finish, Add	41.14	
			For Black Anodized Finish, Add	82.28	
			For >10 To 20, Deduct	-26.34	
			For >20 To 40, Deduct	-48.58	
			For >40, Deduct	-101.27	
26 56 13 00-0477	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	890.92	226.01
			For Bronze Or Satin Anodized Finish, Add	43.89	
			For Black Anodized Finish, Add	87.78	
			For >10 To 20, Deduct	-28.86	
			For >20 To 40, Deduct	-53.32	
			For >40, Deduct	-111.04	
26 56 13 00-0478	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	973.98	254.26
			For Bronze Or Satin Anodized Finish, Add	46.55	
			For Black Anodized Finish, Add	93.09	
			For >10 To 20, Deduct	-31.33	
			For >20 To 40, Deduct	-58.01	
			For >40, Deduct	-120.67	
26 56 13 00-0479	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,019.30	268.38
			For Bronze Or Satin Anodized Finish, Add	48.25	
			For Black Anodized Finish, Add	96.50	
			For >10 To 20, Deduct	-32.72	
			For >20 To 40, Deduct	-60.62	
			For >40, Deduct	-126.06	
26 56 13 00-0480	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,064.61	282.51
			For Bronze Or Satin Anodized Finish, Add	49.96	
			For Black Anodized Finish, Add	99.92	
			For >10 To 20, Deduct	-34.11	
			For >20 To 40, Deduct	-63.22	
			For >40, Deduct	-131.44	
26 56 13 00-0481	EA		18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,153.35	310.76
			For Bronze Or Satin Anodized Finish, Add	53.18	
			For Black Anodized Finish, Add	106.36	
			For >10 To 20, Deduct	-36.81	
			For >20 To 40, Deduct	-68.30	
			For >40, Deduct	-141.93	
26 56 13 00-0482	EA		20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,250.61	339.02
			For Bronze Or Satin Anodized Finish, Add	57.26	
			For Black Anodized Finish, Add	114.52	
			For >10 To 20, Deduct	-39.85	
			For >20 To 40, Deduct	-73.98	
			For >40, Deduct	-153.69	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,130.02	282.51
		For Bronze Or Satin Anodized Finish, Add	56.50	
		For Black Anodized Finish, Add	113.00	
		For >10 To 20, Deduct	-36.73	
		For >20 To 40, Deduct	-67.80	
		For >40, Deduct	-141.25	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,220.65	310.76
		For Bronze Or Satin Anodized Finish, Add	59.91	
		For Black Anodized Finish, Add	119.82	
		For >10 To 20, Deduct	-39.50	
		For >20 To 40, Deduct	-73.01	
		For >40, Deduct	-152.02	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,323.60	339.02
		For Bronze Or Satin Anodized Finish, Add	64.56	
		For Black Anodized Finish, Add	129.11	
		For >10 To 20, Deduct	-42.77	
		For >20 To 40, Deduct	-79.09	
		For >40, Deduct	-164.64	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,303.70	268.38
		For Bronze Or Satin Anodized Finish, Add	76.69	
		For Black Anodized Finish, Add	153.38	
		For >10 To 20, Deduct	-44.10	
		For >20 To 40, Deduct	-80.52	
		For >40, Deduct	-168.72	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,595.67	339.02
		For Bronze Or Satin Anodized Finish, Add	91.76	
		For Black Anodized Finish, Add	183.53	
		For >10 To 20, Deduct	-53.66	
		For >20 To 40, Deduct	-98.14	
		For >40, Deduct	-205.45	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,940.18	452.01
		For Bronze Or Satin Anodized Finish, Add	103.61	
		For Black Anodized Finish, Add	207.23	
		For >10 To 20, Deduct	-64.05	
		For >20 To 40, Deduct	-117.73	
		For >40, Deduct	-245.83	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,382.38	339.02
		For Bronze Or Satin Anodized Finish, Add	70.44	
		For Black Anodized Finish, Add	140.87	
		For >10 To 20, Deduct	-45.12	
		For >20 To 40, Deduct	-83.21	
		For >40, Deduct	-173.46	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,710.38	339.02
		For Bronze Or Satin Anodized Finish, Add	103.24	
		For Black Anodized Finish, Add	206.47	
		For >10 To 20, Deduct	-58.24	
		For >20 To 40, Deduct	-106.17	
		For >40, Deduct	-222.66	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,044.46	452.01
		For Bronze Or Satin Anodized Finish, Add	114.04	
		For Black Anodized Finish, Add	228.08	
		For >10 To 20, Deduct	-68.22	
		For >20 To 40, Deduct	-125.03	
		For >40, Deduct	-261.47	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,890.50	339.02
		For Bronze Or Satin Anodized Finish, Add	121.25	
		For Black Anodized Finish, Add	242.49	
		For >10 To 20, Deduct	-65.45	
		For >20 To 40, Deduct	-118.77	
		For >40, Deduct	-249.67	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,279.56	452.01
		For Bronze Or Satin Anodized Finish, Add	137.55	
		For Black Anodized Finish, Add	275.10	
		For >10 To 20, Deduct	-77.62	
		For >20 To 40, Deduct	-141.49	
		For >40, Deduct	-296.73	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,637.14	508.52
		For Bronze Or Satin Anodized Finish, Add	162.01	
		For Black Anodized Finish, Add	324.02	
		For >10 To 20, Deduct	-90.23	
		For >20 To 40, Deduct	-164.26	
		For >40, Deduct	-344.72	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0473)

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	656.01	141.26
		For Bronze Or Satin Anodized Finish, Add	37.35	
		For Black Anodized Finish, Add	74.70	
		For >10 To 20, Deduct	-22.00	
		For >20 To 40, Deduct	-40.27	
		For >40, Deduct	-84.28	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	732.61	155.38
		For Bronze Or Satin Anodized Finish, Add	42.19	
		For Black Anodized Finish, Add	84.37	
		For >10 To 20, Deduct	-24.64	
		For >20 To 40, Deduct	-45.07	
		For >40, Deduct	-94.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0498 EA 14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	780.78 44.18 88.35 -26.15 -47.87 -100.17	169.50
26 56 13 00-0499 EA 15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	804.48 46.55 93.09 -27.09 -49.53 -103.72	169.50
26 56 13 00-0500 EA 16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	833.87 49.49 98.97 -28.27 -51.59 -108.13	169.50
26 56 13 00-0501 EA 18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	962.59 59.53 119.07 -32.99 -60.04 -126.03	183.63
26 56 13 00-0502 EA 20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,031.61 63.61 127.22 -35.33 -64.30 -134.97	197.76
26 56 13 00-0503 EA 20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,180.45 78.49 156.99 -41.29 -74.72 -157.29	197.76
26 56 13 00-0504 EA 25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,356.38 90.44 180.87 -47.48 -85.91 -180.86	226.01
26 56 13 00-0505 EA 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial For Bronze Or Satin Anodized Finish, Add For Black Anodized Finish, Add For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,689.12 123.71 247.42 -60.78 -109.20 -230.77	226.01
26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles (26 56 13 00-0294)		
26 56 13 00-0507 EA 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	46.54	
26 56 13 00-0508 EA Extra Handhole For Aluminum Area Light Poles.....	35.33	
26 56 13 00-0509 EA Vibration Dampener For Aluminum Area Light Poles	70.41	
26 56 13 00-0510 Fiberglass Area Light Poles (26 56 13 00-0177)		
Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles (26 56 13 00-0510)		
26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base (26 56 13 00-0511)		
26 56 13 00-0513 EA 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,167.41 -40.76 -73.81 -155.34	197.76
26 56 13 00-0514 EA 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,269.85 -44.01 -79.85 -167.88	226.01
26 56 13 00-0515 EA 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,373.62 -47.32 -85.98 -180.62	254.26
26 56 13 00-0516 EA 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,476.06 -50.57 -92.02 -193.16	282.51
26 56 13 00-0517 EA 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,602.15 -54.76 -99.72 -209.25	310.76
26 56 13 00-0518 EA 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,707.22 -58.12 -105.94 -222.18	339.02
26 56 13 00-0519 EA 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... For >10 To 20, Deduct For >20 To 40, Deduct For >40, Deduct	1,867.48 -62.83 -114.90 -240.57	395.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0594	EA		43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,759.13	734.53
26 56 13 00-0595	EA		47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,501.53	904.04
26 56 13 00-0596	EA		27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,394.91	480.27
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0597	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,075.85	508.52
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0598	EA		Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	486.61	169.50
26 56 13 00-0599	EA		13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,635.06	338.90
26 56 13 00-0600	EA		Pole Base Cover For All Octagon Poles	189.54	69.16
26 56 13 00-0601	EA		Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	387.21	138.32
26 56 13 00-0602			Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)		
			Note: Round or square.		
26 56 13 00-0603	EA		13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,175.15	226.01
26 56 13 00-0604	EA		16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,455.74	282.51
26 56 13 00-0605	EA		18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,709.58	339.02
26 56 13 00-0606	EA		30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,772.60	508.52
26 56 13 00-0607	EA		35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,354.28	536.78
26 56 13 00-0608	EA		40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,983.42	565.02
26 56 13 00-0609	EA		45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,770.72	734.53
26 56 13 00-0610			Round Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)		
26 56 13 00-0611	EA		60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	11,399.01	1,271.30
26 56 13 00-0612	EA		70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	13,613.52	1,589.26
26 56 13 00-0613	EA		80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	16,203.79	2,146.89
26 56 13 00-0614			Treated Wood Area Light Poles (26 56 13 00-0177)		
			See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615			Cast Iron Decorative Light Posts (26 56 13 00-0177)		
26 56 13 00-0616			Round Tapered, Cast Iron Decorative Light Post, Anchor Base (26 56 13 00-0615)		
			Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA		10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,044.56	141.26
26 56 13 00-0618	EA		12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,107.74	162.73
26 56 13 00-0619	EA		14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,198.13	169.50
26 56 13 00-0620	EA		16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,467.38	197.76
26 56 13 00-0621	EA		18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,706.55	214.71
26 56 13 00-0622	EA		20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,956.94	231.65
26 56 13 00-0623			Landscape Light Poles (26 56 13 00-0001)		
			Note: Excludes lighting fixtures.		
26 56 13 00-0624			Aluminum Landscape Light Poles (26 56 13 00-0623)		
			Note: Includes painted finish.		
26 56 13 00-0625			Round Straight, Aluminum Landscape Light Poles (26 56 13 00-0624)		
26 56 13 00-0626			Round Straight, Aluminum Landscape Light Poles, Anchor Base (26 56 13 00-0625)		
26 56 13 00-0627	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	423.38	169.50
26 56 13 00-0628	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	719.00	226.01
26 56 13 00-0629			Round Straight, Aluminum Landscape Light Poles, Direct Burial (26 56 13 00-0625)		
26 56 13 00-0630	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	383.68	169.50
26 56 13 00-0631	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	679.30	226.01
26 56 13 00-0632			Steel Landscape Light Poles (26 56 13 00-0623)		
			Note: Includes painted finish.		
26 56 13 00-0633			Round Straight, Steel Landscape Light Poles (26 56 13 00-0632)		
26 56 13 00-0634			Round Straight, Steel Landscape Light Poles, Anchor Base (26 56 13 00-0633)		
26 56 13 00-0635	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	418.48	169.50
26 56 13 00-0636			Round Straight, Steel Landscape Light Poles, Direct Burial (26 56 13 00-0633)		
26 56 13 00-0637	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	400.68	169.50
26 56 13 00-0638			Light Pole Brackets And Arms (26 56 13 00-0001)		
26 56 13 00-0639			Light Pole Brackets (26 56 13 00-0638)		
26 56 13 00-0640			Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0641			Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0642			Steel, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641)		
			Note: Includes powdercoat finish.		
26 56 13 00-0643	EA		Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	386.45	33.90
			For Galvanized Finish, Add	31.87	
26 56 13 00-0644	EA		Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	482.59	33.90
			For Galvanized Finish, Add	41.48	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	511.94	33.90
		For Galvanized Finish, Add	44.41	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	693.09	33.90
		For Galvanized Finish, Add	62.53	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	721.30	33.90
		For Galvanized Finish, Add	65.35	
26 56 13 00-0648		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets <small>(26 56 13 00-0641)</small>		
		Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	222.32	33.90
		For Bronze Or Satin Anodized Finish, Add	15.45	
		For Black Anodized Finish, Add	30.90	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	271.62	33.90
		For Bronze Or Satin Anodized Finish, Add	20.38	
		For Black Anodized Finish, Add	40.76	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	284.89	33.90
		For Bronze Or Satin Anodized Finish, Add	21.71	
		For Black Anodized Finish, Add	43.42	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	331.34	33.90
		For Bronze Or Satin Anodized Finish, Add	26.35	
		For Black Anodized Finish, Add	52.71	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	340.82	33.90
		For Bronze Or Satin Anodized Finish, Add	27.30	
		For Black Anodized Finish, Add	54.60	
26 56 13 00-0654		Square Bullhorn Style, Pole Top Area Light Brackets <small>(26 56 13 00-0640)</small>		
26 56 13 00-0655		Steel, Square Bullhorn Style, Pole Top Area Light Brackets <small>(26 56 13 00-0654)</small>		
		Note: Includes powdercoat finish.		
26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	413.91	33.90
		For Galvanized Finish, Add	34.61	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	506.00	33.90
		For Galvanized Finish, Add	43.82	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	614.16	33.90
		For Galvanized Finish, Add	54.64	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	722.82	33.90
		For Galvanized Finish, Add	65.50	
26 56 13 00-0660		Wood Pole Clamp On Style, Pole Top Area Light Brackets <small>(26 56 13 00-0639)</small>		
26 56 13 00-0661		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets <small>(26 56 13 00-0660)</small>		
		Note: Includes powdercoat finish.		
26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	407.76	56.50
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	596.24	56.50
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	819.26	56.50
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	892.63	56.50
26 56 13 00-0666		Light Pole Arms <small>(26 56 13 00-0638)</small>		
26 56 13 00-0667		Wood Pole Streetlight Arms <small>(26 56 13 00-0666)</small>		
26 56 13 00-0668		Steel, Wood Pole Streetlight Arms <small>(26 56 13 00-0667)</small>		
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	248.69	50.86
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	264.94	56.50
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	310.52	70.62
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	355.26	56.50
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	400.59	70.62
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	485.62	84.75
26 56 13 00-0675		Aluminum, Wood Pole Streetlight Arms <small>(26 56 13 00-0667)</small>		
26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	219.16	56.50
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	273.60	56.50
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	366.53	70.62
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	482.01	84.75
26 56 13 00-0680		Area Light Arms <small>(26 56 13 00-0666)</small>		
26 56 13 00-0681		Steel Area Light Arms <small>(26 56 13 00-0680)</small>		
26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	449.07	56.50
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	687.47	62.15
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	763.10	67.80
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	901.73	73.46
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	537.71	70.62
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	752.48	76.28
26 56 13 00-0688		Aluminum Area Light Arms <small>(26 56 13 00-0680)</small>		
26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	267.53	56.50
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	329.91	70.62
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	394.17	84.75
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	265.63	56.50

26 Electrical

26 50 Lighting

26 56 Exterior Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 19 LED Exterior Lighting (26 56)

26 56 19 00-0001 LED, Wall Packs (26 56 19)

26 56 19 00-0002 Full Cutoff, LED Wall Packs (26 56 19 00-0001)

26 56 19 00-0003 Full Cutoff, LED Wall Packs (Lithonia) (26 56 19 00-0002)

26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,090.40	100.00
		<i>For >50 To 100, Deduct</i>	-54.52	
		<i>For >100 To 250, Deduct</i>	-81.78	
		<i>For >250 To 500, Deduct</i>	-131.30	
		<i>For >500 To 1000, Deduct</i>	-180.82	
		<i>For >1000, Deduct</i>	-230.34	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,187.05	100.00
		<i>For >50 To 100, Deduct</i>	-59.35	
		<i>For >100 To 250, Deduct</i>	-89.03	
		<i>For >250 To 500, Deduct</i>	-143.38	
		<i>For >500 To 1000, Deduct</i>	-197.73	
		<i>For >1000, Deduct</i>	-252.09	

26 56 19 00-0006 Full Cutoff, LED Wall Packs (CREE® BetaLED®) (26 56 19 00-0002)

26 56 19 00-0007 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) (26 56 19 00-0006)

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	714.85	97.15
		Note: Includes 350mA or 525mA driver.		
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	36.87	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-35.74	
		<i>For >100 To 250, Deduct</i>	-53.61	
		<i>For >250 To 500, Deduct</i>	-84.50	
		<i>For >500 To 1000, Deduct</i>	-115.38	
		<i>For >1000, Deduct</i>	-146.27	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	914.89	102.86
		Note: Includes 350mA or 525mA driver.		
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	37.45	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-45.74	
		<i>For >100 To 250, Deduct</i>	-68.62	
		<i>For >250 To 500, Deduct</i>	-109.22	
		<i>For >500 To 1000, Deduct</i>	-149.82	
		<i>For >1000, Deduct</i>	-190.42	
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,023.74	108.57
		Note: Includes 350mA or 525mA driver.		
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	38.02	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-51.19	
		<i>For >100 To 250, Deduct</i>	-76.78	
		<i>For >250 To 500, Deduct</i>	-122.54	
		<i>For >500 To 1000, Deduct</i>	-168.30	
		<i>For >1000, Deduct</i>	-214.06	
26 56 19 00-0011	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,314.97	114.29
		Note: Includes 350mA or 525mA driver.		
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	38.59	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-65.75	
		<i>For >100 To 250, Deduct</i>	-98.62	
		<i>For >250 To 500, Deduct</i>	-158.66	
		<i>For >500 To 1000, Deduct</i>	-218.69	
		<i>For >1000, Deduct</i>	-278.72	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0012	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,515.01	120.01
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	39.16	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-75.75	
		<i>For >100 To 250, Deduct</i>	-113.63	
		<i>For >250 To 500, Deduct</i>	-183.38	
		<i>For >500 To 1000, Deduct</i>	-253.13	
		<i>For >1000, Deduct</i>	-322.88	
26 56 19 00-0013	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,715.05	125.72
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Bird Spikes, Add</i>	39.73	
		<i>For Fuse, Add</i>	43.11	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-85.75	
		<i>For >100 To 250, Deduct</i>	-128.63	
		<i>For >250 To 500, Deduct</i>	-208.10	
		<i>For >500 To 1000, Deduct</i>	-287.56	
		<i>For >1000, Deduct</i>	-367.03	

26 56 19 00-0014 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) (26 56 19 00-0006)

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0015	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	434.77	97.15
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For Multi-Level, Add</i>	43.11	
		<i>For >50 To 100, Deduct</i>	-21.74	
		<i>For >100 To 250, Deduct</i>	-32.61	
		<i>For >250 To 500, Deduct</i>	-49.49	
		<i>For >500 To 1000, Deduct</i>	-66.37	
		<i>For >1000, Deduct</i>	-83.25	
26 56 19 00-0016	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	502.31	102.86
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For 0 To 10 Volt Dimming, Add</i>	43.11	
		<i>For Multi-Level, Add</i>	43.11	
		<i>For >50 To 100, Deduct</i>	-25.12	
		<i>For >100 To 250, Deduct</i>	-37.67	
		<i>For >250 To 500, Deduct</i>	-57.65	
		<i>For >500 To 1000, Deduct</i>	-77.62	
		<i>For >1000, Deduct</i>	-97.59	

26 56 19 00-0017 Open Face LED Wall Pack (26 56 19 00-0001)

Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass

26 56 19 00-0018	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS).....	536.06	104.99
		<i>For >50 To 100, Deduct</i>	-26.80	
		<i>For >100 To 250, Deduct</i>	-40.20	
		<i>For >250 To 500, Deduct</i>	-59.13	
		<i>For >500 To 1000, Deduct</i>	-78.06	
		<i>For >1000, Deduct</i>	-96.99	
26 56 19 00-0019	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS).....	568.77	104.99
		<i>For >50 To 100, Deduct</i>	-28.44	
		<i>For >100 To 250, Deduct</i>	-42.66	
		<i>For >250 To 500, Deduct</i>	-63.22	
		<i>For >500 To 1000, Deduct</i>	-83.79	
		<i>For >1000, Deduct</i>	-104.35	
26 56 19 00-0020	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS).....	585.90	104.99
		<i>For >50 To 100, Deduct</i>	-29.30	
		<i>For >100 To 250, Deduct</i>	-43.94	
		<i>For >250 To 500, Deduct</i>	-65.36	
		<i>For >500 To 1000, Deduct</i>	-86.78	
		<i>For >1000, Deduct</i>	-108.21	
26 56 19 00-0021	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS).....	599.80	104.99
		<i>For >50 To 100, Deduct</i>	-29.99	
		<i>For >100 To 250, Deduct</i>	-44.99	
		<i>For >250 To 500, Deduct</i>	-67.10	
		<i>For >500 To 1000, Deduct</i>	-89.22	
		<i>For >1000, Deduct</i>	-111.33	
26 56 19 00-0022	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS).....	704.01	104.99
		<i>For >50 To 100, Deduct</i>	-35.20	
		<i>For >100 To 250, Deduct</i>	-52.80	
		<i>For >250 To 500, Deduct</i>	-80.13	
		<i>For >500 To 1000, Deduct</i>	-107.45	
		<i>For >1000, Deduct</i>	-134.78	

26 56 19 00-0023 Wall Pack Accessories (26 56 19 00-0001)

26 56 19 00-0024	EA	Photocell For Wall Pack.....	97.45	26.25
26 56 19 00-0025	EA	Wire Guard For Mini And Small Wall Pack	106.85	26.25
26 56 19 00-0026	EA	Wire Guard For Medium And Large Wall Pack	146.16	26.25
26 56 19 00-0027	EA	Clear Polycarbonate Vandal Guard For Wall Packs	202.89	26.25
26 56 19 00-0028	EA	Full Cutoff Visor For Wall Pack	104.29	26.25

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0029	LED, Roadway Lighting <small>(26 56 19)</small>		
26 56 19 00-0030	LED Roadway Lighting (Philips Lumec) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0031	Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) <small>(26 56 19 00-0030)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0032	EA 49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series).....	1,013.51	137.44
	For >50 To 100, Deduct	-50.68	
	For >100 To 250, Deduct	-76.01	
	For >250 To 500, Deduct	-119.82	
	For >500 To 1000, Deduct	-163.62	
	For >1000, Deduct	-207.43	
26 56 19 00-0033	EA 98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series).....	1,542.60	141.15
	For >50 To 100, Deduct	-77.13	
	For >100 To 250, Deduct	-115.70	
	For >250 To 500, Deduct	-185.77	
	For >500 To 1000, Deduct	-255.84	
	For >1000, Deduct	-325.91	
26 56 19 00-0034	Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) <small>(26 56 19 00-0030)</small> Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0035	EA 48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series).....	758.19	137.44
	For >50 To 100, Deduct	-37.91	
	For >100 To 250, Deduct	-56.86	
	For >250 To 500, Deduct	-87.90	
	For >500 To 1000, Deduct	-118.94	
	For >1000, Deduct	-149.98	
26 56 19 00-0036	EA 48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	758.19	137.44
	For >50 To 100, Deduct	-37.91	
	For >100 To 250, Deduct	-56.86	
	For >250 To 500, Deduct	-87.90	
	For >500 To 1000, Deduct	-118.94	
	For >1000, Deduct	-149.98	
26 56 19 00-0037	EA 48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	758.19	137.44
	For >50 To 100, Deduct	-37.91	
	For >100 To 250, Deduct	-56.86	
	For >250 To 500, Deduct	-87.90	
	For >500 To 1000, Deduct	-118.94	
	For >1000, Deduct	-149.98	
26 56 19 00-0038	LED Roadway Lighting (Lithonia) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0039	Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) <small>(26 56 19 00-0038)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0040	EA 30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	1,434.90	130.00
	For >50 To 100, Deduct	-71.75	
	For >100 To 250, Deduct	-107.62	
	For >250 To 500, Deduct	-172.86	
	For >500 To 1000, Deduct	-238.11	
	For >1000, Deduct	-303.35	
26 56 19 00-0041	EA 60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	2,328.64	133.72
	For >50 To 100, Deduct	-116.43	
	For >100 To 250, Deduct	-174.65	
	For >250 To 500, Deduct	-284.39	
	For >500 To 1000, Deduct	-394.14	
	For >1000, Deduct	-503.89	
26 56 19 00-0042	LED Roadway Lighting (CREE® BetaLED®) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0043	Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) <small>(26 56 19 00-0042)</small> Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		
26 56 19 00-0044	EA 20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	669.28	126.29
	For >50 To 100, Deduct	-33.46	
	For >100 To 250, Deduct	-50.20	
	For >250 To 500, Deduct	-77.35	
	For >500 To 1000, Deduct	-104.50	
	For >1000, Deduct	-131.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0045	EA		30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	747.38	130.00
			<i>For >50 To 100, Deduct</i>	-37.37	
			<i>For >100 To 250, Deduct</i>	-56.05	
			<i>For >250 To 500, Deduct</i>	-86.92	
			<i>For >500 To 1000, Deduct</i>	-117.79	
			<i>For >1000, Deduct</i>	-148.66	
26 56 19 00-0046	EA		40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	841.32	133.72
			<i>For >50 To 100, Deduct</i>	-42.07	
			<i>For >100 To 250, Deduct</i>	-63.10	
			<i>For >250 To 500, Deduct</i>	-98.48	
			<i>For >500 To 1000, Deduct</i>	-133.86	
			<i>For >1000, Deduct</i>	-169.24	
26 56 19 00-0047	EA		50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	920.62	137.44
			<i>For >50 To 100, Deduct</i>	-46.03	
			<i>For >100 To 250, Deduct</i>	-69.05	
			<i>For >250 To 500, Deduct</i>	-108.21	
			<i>For >500 To 1000, Deduct</i>	-147.37	
			<i>For >1000, Deduct</i>	-186.53	
26 56 19 00-0048	EA		60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	999.94	141.15
			<i>For >50 To 100, Deduct</i>	-50.00	
			<i>For >100 To 250, Deduct</i>	-75.00	
			<i>For >250 To 500, Deduct</i>	-117.94	
			<i>For >500 To 1000, Deduct</i>	-160.88	
			<i>For >1000, Deduct</i>	-203.81	
26 56 19 00-0049	EA		70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,186.49	144.86
			<i>For >50 To 100, Deduct</i>	-59.32	
			<i>For >100 To 250, Deduct</i>	-88.99	
			<i>For >250 To 500, Deduct</i>	-141.07	
			<i>For >500 To 1000, Deduct</i>	-193.15	
			<i>For >1000, Deduct</i>	-245.23	
26 56 19 00-0050	EA		80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,265.79	148.57
			<i>For >50 To 100, Deduct</i>	-63.29	
			<i>For >100 To 250, Deduct</i>	-94.93	
			<i>For >250 To 500, Deduct</i>	-150.80	
			<i>For >500 To 1000, Deduct</i>	-206.66	
			<i>For >1000, Deduct</i>	-262.52	
26 56 19 00-0051	EA		90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,343.89	152.29
			<i>For >50 To 100, Deduct</i>	-67.19	
			<i>For >100 To 250, Deduct</i>	-100.79	
			<i>For >250 To 500, Deduct</i>	-160.37	
			<i>For >500 To 1000, Deduct</i>	-219.95	
			<i>For >1000, Deduct</i>	-279.53	
26 56 19 00-0052	EA		100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,495.10	156.01
			<i>For >50 To 100, Deduct</i>	-74.76	
			<i>For >100 To 250, Deduct</i>	-112.13	
			<i>For >250 To 500, Deduct</i>	-179.09	
			<i>For >500 To 1000, Deduct</i>	-246.04	
			<i>For >1000, Deduct</i>	-313.00	
26 56 19 00-0053	EA		110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,574.41	159.72
			<i>For >50 To 100, Deduct</i>	-78.72	
			<i>For >100 To 250, Deduct</i>	-118.08	
			<i>For >250 To 500, Deduct</i>	-188.82	
			<i>For >500 To 1000, Deduct</i>	-259.55	
			<i>For >1000, Deduct</i>	-330.28	
26 56 19 00-0054	EA		120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,653.73	163.44
			<i>For >50 To 100, Deduct</i>	-82.69	
			<i>For >100 To 250, Deduct</i>	-124.03	
			<i>For >250 To 500, Deduct</i>	-198.54	
			<i>For >500 To 1000, Deduct</i>	-273.06	
			<i>For >1000, Deduct</i>	-347.57	
26 56 19 00-0055			Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) <small>(26 56 19 00-0042)</small>		
			Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0056	EA		40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,286.04	133.72
			<i>For Multi-Level Drive Currents, Add</i>	170.58	
			<i>For >50 To 100, Deduct</i>	-64.30	
			<i>For >100 To 250, Deduct</i>	-96.45	
			<i>For >250 To 500, Deduct</i>	-154.07	
			<i>For >500 To 1000, Deduct</i>	-211.69	
			<i>For >1000, Deduct</i>	-269.30	
26 56 19 00-0057	EA		60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,480.00	141.15
			<i>For Multi-Level Drive Currents, Add</i>	170.58	
			<i>For >50 To 100, Deduct</i>	-74.00	
			<i>For >100 To 250, Deduct</i>	-111.00	
			<i>For >250 To 500, Deduct</i>	-177.94	
			<i>For >500 To 1000, Deduct</i>	-244.89	
			<i>For >1000, Deduct</i>	-311.83	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 19 00-0058	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,673.96	148.57
		<i>For Multi-Level Drive Currents, Add</i>	170.58	
		<i>For >50 To 100, Deduct</i>	-83.70	
		<i>For >100 To 250, Deduct</i>	-125.55	
		<i>For >250 To 500, Deduct</i>	-201.82	
		<i>For >500 To 1000, Deduct</i>	-278.09	
		<i>For >1000, Deduct</i>	-354.35	
26 56 19 00-0059	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,867.93	156.01
		<i>For Multi-Level Drive Currents, Add</i>	170.58	
		<i>For >50 To 100, Deduct</i>	-93.40	
		<i>For >100 To 250, Deduct</i>	-140.09	
		<i>For >250 To 500, Deduct</i>	-225.69	
		<i>For >500 To 1000, Deduct</i>	-311.29	
		<i>For >1000, Deduct</i>	-396.88	
26 56 19 00-0060	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,442.05	163.44
		<i>For Multi-Level Drive Currents, Add</i>	170.58	
		<i>For >50 To 100, Deduct</i>	-122.10	
		<i>For >100 To 250, Deduct</i>	-183.15	
		<i>For >250 To 500, Deduct</i>	-297.08	
		<i>For >500 To 1000, Deduct</i>	-411.02	
		<i>For >1000, Deduct</i>	-524.95	
26 56 19 00-0061	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,636.00	170.86
		<i>For Multi-Level Drive Currents, Add</i>	170.58	
		<i>For >50 To 100, Deduct</i>	-131.80	
		<i>For >100 To 250, Deduct</i>	-197.70	
		<i>For >250 To 500, Deduct</i>	-320.96	
		<i>For >500 To 1000, Deduct</i>	-444.21	
		<i>For >1000, Deduct</i>	-567.47	
26 56 19 00-0062	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,829.98	178.29
		<i>For Multi-Level Drive Currents, Add</i>	170.58	
		<i>For >50 To 100, Deduct</i>	-141.50	
		<i>For >100 To 250, Deduct</i>	-212.25	
		<i>For >250 To 500, Deduct</i>	-344.83	
		<i>For >500 To 1000, Deduct</i>	-477.42	
		<i>For >1000, Deduct</i>	-610.00	

26 56 19 00-0063 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP)

(26 56 19 00-0042)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0064	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	567.71	133.72
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Backlight Control Shield, Add</i>	26.96	
		<i>For Field Adjustable Output, Add</i>	21.56	
		<i>For Bird Spikes, Add</i>	40.53	
		<i>For Field Adjustable Output And Utility Label, Add</i>	28.74	
		<i>For Fuse, Add</i>	43.11	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-28.39	
		<i>For >100 To 250, Deduct</i>	-42.58	
		<i>For >250 To 500, Deduct</i>	-64.28	
		<i>For >500 To 1000, Deduct</i>	-85.98	
		<i>For >1000, Deduct</i>	-107.68	
26 56 19 00-0065	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	567.71	133.72
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Backlight Control Shield, Add</i>	26.96	
		<i>For Field Adjustable Output, Add</i>	21.56	
		<i>For Bird Spikes, Add</i>	40.53	
		<i>For Field Adjustable Output And Utility Label, Add</i>	28.74	
		<i>For Fuse, Add</i>	43.11	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For Multi-Level, Add</i>	93.40	
		<i>For >50 To 100, Deduct</i>	-28.39	
		<i>For >100 To 250, Deduct</i>	-42.58	
		<i>For >250 To 500, Deduct</i>	-64.28	
		<i>For >500 To 1000, Deduct</i>	-85.98	
		<i>For >1000, Deduct</i>	-107.68	
26 56 19 00-0066	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	622.02	133.72
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	14.37	
		<i>For Backlight Control Shield, Add</i>	26.96	
		<i>For Field Adjustable Output, Add</i>	21.56	
		<i>For Bird Spikes, Add</i>	40.53	
		<i>For Field Adjustable Output And Utility Label, Add</i>	28.74	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	43.11	
		<i>For 480 Volt, Add</i>	64.67	
		<i>For >50 To 100, Deduct</i>	-31.10	
		<i>For >100 To 250, Deduct</i>	-46.65	
		<i>For >250 To 500, Deduct</i>	-71.07	
		<i>For >500 To 1000, Deduct</i>	-95.48	
		<i>For >1000, Deduct</i>	-119.90	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 19 00-0067	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	622.02		133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Backlight Control Shield, Add	26.96		
		For Field Adjustable Output, Add	21.56		
		For Bird Spikes, Add	40.53		
		For Field Adjustable Output And Utility Label, Add	28.74		
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11		
		For 480 Volt, Add	64.67		
		For >50 To 100, Deduct	-31.10		
		For >100 To 250, Deduct	-46.65		
		For >250 To 500, Deduct	-71.07		
		For >500 To 1000, Deduct	-95.48		
		For >1000, Deduct	-119.90		
26 56 19 00-0068	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	718.58		133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Field Adjustable Output, Add	21.56		
		For Backlight Control Shield, Add	37.51		
		For Field Adjustable Output And Utility Label, Add	28.74		
		For Fuse, Add	43.11		
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11		
		For Bird Spikes, Add	64.68		
		For 480 Volt, Add	64.67		
		For Multi-Level, Add	93.40		
		For >50 To 100, Deduct	-35.93		
		For >100 To 250, Deduct	-53.89		
		For >250 To 500, Deduct	-83.14		
		For >500 To 1000, Deduct	-112.38		
		For >1000, Deduct	-141.62		
26 56 19 00-0069	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	718.58		133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Field Adjustable Output, Add	21.56		
		For Backlight Control Shield, Add	37.51		
		For Field Adjustable Output And Utility Label, Add	28.74		
		For Fuse, Add	43.11		
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11		
		For Bird Spikes, Add	64.68		
		For 480 Volt, Add	64.67		
		For Multi-Level, Add	93.40		
		For >50 To 100, Deduct	-35.93		
		For >100 To 250, Deduct	-53.89		
		For >250 To 500, Deduct	-83.14		
		For >500 To 1000, Deduct	-112.38		
		For >1000, Deduct	-141.62		
26 56 19 00-0070	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	809.13		133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Field Adjustable Output, Add	21.56		
		For Backlight Control Shield, Add	37.51		
		For Field Adjustable Output And Utility Label, Add	28.74		
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11		
		For Bird Spikes, Add	64.68		
		For 480 Volt, Add	64.67		
		For >50 To 100, Deduct	-40.46		
		For >100 To 250, Deduct	-60.68		
		For >250 To 500, Deduct	-94.46		
		For >500 To 1000, Deduct	-128.23		
		For >1000, Deduct	-162.00		
26 56 19 00-0071	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	809.13		133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Field Adjustable Output, Add	21.56		
		For Backlight Control Shield, Add	37.51		
		For Field Adjustable Output And Utility Label, Add	28.74		
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11		
		For Bird Spikes, Add	64.68		
		For 480 Volt, Add	64.67		
		For >50 To 100, Deduct	-40.46		
		For >100 To 250, Deduct	-60.68		
		For >250 To 500, Deduct	-94.46		
		For >500 To 1000, Deduct	-128.23		
		For >1000, Deduct	-162.00		
26 56 19 00-0072	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	471.14		133.72
		For Utility Label, Add	7.18		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37		
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	21.56		
		For 0 To 10 Volt Dimming, Add	43.11		
		For >50 To 100, Deduct	-23.56		
		For >100 To 250, Deduct	-35.34		
		For >250 To 500, Deduct	-52.21		
		For >500 To 1000, Deduct	-69.08		
		For >1000, Deduct	-85.95		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0073	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	471.14	133.72
		For Utility Label, Add	7.18	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	21.56	
		For 0 To 10 Volt Dimming, Add	43.11	
		For >50 To 100, Deduct	-23.56	
		For >100 To 250, Deduct	-35.34	
		For >250 To 500, Deduct	-52.21	
		For >500 To 1000, Deduct	-69.08	
		For >1000, Deduct	-85.95	
26 56 19 00-0074	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	493.77	133.72
		For Utility Label, Add	7.18	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	21.56	
		For 0 To 10 Volt Dimming, Add	43.11	
		For >50 To 100, Deduct	-24.69	
		For >100 To 250, Deduct	-37.03	
		For >250 To 500, Deduct	-55.04	
		For >500 To 1000, Deduct	-73.04	
		For >1000, Deduct	-91.04	
26 56 19 00-0075	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	493.77	133.72
		For Utility Label, Add	7.18	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	21.56	
		For 0 To 10 Volt Dimming, Add	43.11	
		For >50 To 100, Deduct	-24.69	
		For >100 To 250, Deduct	-37.03	
		For >250 To 500, Deduct	-55.04	
		For >500 To 1000, Deduct	-73.04	
		For >1000, Deduct	-91.04	
26 56 19 00-0076	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	501.32	133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
		For Field Adjustable Output, Add	21.56	
		For Field Adjustable Output And Utility Label, Add	28.74	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11	
		For 0 To 10 Volt Dimming, Add	43.11	
		For >50 To 100, Deduct	-25.07	
		For >100 To 250, Deduct	-37.60	
		For >250 To 500, Deduct	-55.98	
		For >500 To 1000, Deduct	-74.36	
		For >1000, Deduct	-92.74	
26 56 19 00-0077	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	501.32	133.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
		For Field Adjustable Output, Add	21.56	
		For Field Adjustable Output And Utility Label, Add	28.74	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	43.11	
		For 0 To 10 Volt Dimming, Add	43.11	
		For >50 To 100, Deduct	-25.07	
		For >100 To 250, Deduct	-37.60	
		For >250 To 500, Deduct	-55.98	
		For >500 To 1000, Deduct	-74.36	
		For >1000, Deduct	-92.74	
26 56 19 00-0078		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™) <small>(26 56 19 00-0042)</small>		
		Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.		
26 56 19 00-0079	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N).....	486.23	133.72
		For Field Adjustable Output, Add	21.56	
		For Backlight Control Shield, Add	49.30	
		For Bird Spikes, Add	65.10	
		For >50 To 100, Deduct	-24.31	
		For >100 To 250, Deduct	-36.47	
		For >250 To 500, Deduct	-54.09	
		For >500 To 1000, Deduct	-71.72	
		For >1000, Deduct	-89.34	
26 56 19 00-0080	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N).....	486.23	133.72
		For Field Adjustable Output, Add	21.56	
		For Backlight Control Shield, Add	49.30	
		For Bird Spikes, Add	65.10	
		For >50 To 100, Deduct	-24.31	
		For >100 To 250, Deduct	-36.47	
		For >250 To 500, Deduct	-54.09	
		For >500 To 1000, Deduct	-71.72	
		For >1000, Deduct	-89.34	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0081	EA 5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	501.32	133.72
	For Field Adjustable Output, Add	21.56	
	For Backlight Control Shield, Add	49.30	
	For Bird Spikes, Add	65.10	
	For >50 To 100, Deduct	-25.07	
	For >100 To 250, Deduct	-37.60	
	For >250 To 500, Deduct	-55.98	
	For >500 To 1000, Deduct	-74.36	
	For >1000, Deduct	-92.74	
26 56 19 00-0082	EA 5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	501.32	133.72
	For Field Adjustable Output, Add	21.56	
	For Backlight Control Shield, Add	49.30	
	For Bird Spikes, Add	65.10	
	For >50 To 100, Deduct	-25.07	
	For >100 To 250, Deduct	-37.60	
	For >250 To 500, Deduct	-55.98	
	For >500 To 1000, Deduct	-74.36	
	For >1000, Deduct	-92.74	
26 56 19 00-0083	LED Roadway Lighting (Cooper Lighting) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0084	Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) <small>(26 56 19 00-0083)</small>		
	Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0085	EA 1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	671.46	133.72
	For >50 To 100, Deduct	-33.57	
	For >100 To 250, Deduct	-50.36	
	For >250 To 500, Deduct	-77.25	
	For >500 To 1000, Deduct	-104.13	
	For >1000, Deduct	-131.02	
26 56 19 00-0086	EA 2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	892.46	148.57
	For >50 To 100, Deduct	-44.62	
	For >100 To 250, Deduct	-66.93	
	For >250 To 500, Deduct	-104.13	
	For >500 To 1000, Deduct	-141.32	
	For >1000, Deduct	-178.52	
26 56 19 00-0087	EA 3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	963.50	170.86
	For >50 To 100, Deduct	-48.18	
	For >100 To 250, Deduct	-72.26	
	For >250 To 500, Deduct	-111.89	
	For >500 To 1000, Deduct	-151.53	
	For >1000, Deduct	-191.16	
26 56 19 00-0088	EA 4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,396.62	185.73
	For >50 To 100, Deduct	-69.83	
	For >100 To 250, Deduct	-104.75	
	For >250 To 500, Deduct	-165.29	
	For >500 To 1000, Deduct	-225.84	
	For >1000, Deduct	-286.38	
26 56 19 00-0089	EA 6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,814.40	211.43
	For >50 To 100, Deduct	-90.72	
	For >100 To 250, Deduct	-136.08	
	For >250 To 500, Deduct	-216.23	
	For >500 To 1000, Deduct	-296.38	
	For >1000, Deduct	-376.52	
26 56 19 00-0090	LED Roadway Lighting (PlanLED) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0091	Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) <small>(26 56 19 00-0090)</small>		
	Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0092	EA 8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	790.99	130.00
	For >50 To 100, Deduct	-39.55	
	For >100 To 250, Deduct	-59.32	
	For >250 To 500, Deduct	-92.37	
	For >500 To 1000, Deduct	-125.42	
	For >1000, Deduct	-158.47	
26 56 19 00-0093	EA 11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	855.02	131.43
	For >50 To 100, Deduct	-42.75	
	For >100 To 250, Deduct	-64.13	
	For >250 To 500, Deduct	-100.31	
	For >500 To 1000, Deduct	-136.49	
	For >1000, Deduct	-172.66	
26 56 19 00-0094	EA 15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	906.09	133.72
	For >50 To 100, Deduct	-45.30	
	For >100 To 250, Deduct	-67.96	
	For >250 To 500, Deduct	-106.58	
	For >500 To 1000, Deduct	-145.19	
	For >1000, Deduct	-183.81	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0095	Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) <small>(26 56 19 00-0090)</small>		
	Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0096	EA 7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	543.69	126.86
	For >50 To 100, Deduct	-27.18	
	For >100 To 250, Deduct	-40.78	
	For >250 To 500, Deduct	-61.62	
	For >500 To 1000, Deduct	-82.46	
	For >1000, Deduct	-103.30	
26 56 19 00-0097	EA 10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	578.85	129.15
	For >50 To 100, Deduct	-28.94	
	For >100 To 250, Deduct	-43.41	
	For >250 To 500, Deduct	-65.90	
	For >500 To 1000, Deduct	-88.38	
	For >1000, Deduct	-110.87	
26 56 19 00-0098	EA 12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	633.58	131.43
	For >50 To 100, Deduct	-31.68	
	For >100 To 250, Deduct	-47.52	
	For >250 To 500, Deduct	-72.63	
	For >500 To 1000, Deduct	-97.73	
	For >1000, Deduct	-122.84	
26 56 19 00-0099	Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) <small>(26 56 19 00-0090)</small>		
	Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0100	EA 13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100).....	669.06	131.43
	For 0 To 10 Volt Dimming, Add	52.39	
	For 480 Volt, Add	52.39	
	For >50 To 100, Deduct	-33.45	
	For >100 To 250, Deduct	-50.18	
	For >250 To 500, Deduct	-77.06	
	For >500 To 1000, Deduct	-103.94	
	For >1000, Deduct	-130.82	
26 56 19 00-0101	EA 16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130).....	734.96	132.58
	For 0 To 10 Volt Dimming, Add	52.39	
	For 480 Volt, Add	15.46	
	For >50 To 100, Deduct	-36.75	
	For >100 To 250, Deduct	-55.12	
	For >250 To 500, Deduct	-85.24	
	For >500 To 1000, Deduct	-115.36	
	For >1000, Deduct	-145.48	
26 56 19 00-0102	EA 19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150).....	786.19	133.72
	For 0 To 10 Volt Dimming, Add	52.39	
	For 480 Volt, Add	-5.56	
	For >50 To 100, Deduct	-39.31	
	For >100 To 250, Deduct	-58.96	
	For >250 To 500, Deduct	-91.59	
	For >500 To 1000, Deduct	-124.21	
	For >1000, Deduct	-156.83	
26 56 19 00-0103	LED Roadway Lighting (General Electric) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0104	Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0103)</small>		
	Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA 2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	431.30	126.29
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For >50 To 100, Deduct	-21.57	
	For >100 To 250, Deduct	-32.35	
	For >250 To 500, Deduct	-47.60	
	For >500 To 1000, Deduct	-62.85	
	For >1000, Deduct	-78.10	
26 56 19 00-0106	EA 3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	434.73	128.01
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For >50 To 100, Deduct	-21.74	
	For >100 To 250, Deduct	-32.60	
	For >250 To 500, Deduct	-47.94	
	For >500 To 1000, Deduct	-63.28	
	For >1000, Deduct	-78.61	
26 56 19 00-0107	EA 4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	451.09	130.00
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For >50 To 100, Deduct	-22.55	
	For >100 To 250, Deduct	-33.83	
	For >250 To 500, Deduct	-49.89	
	For >500 To 1000, Deduct	-65.94	
	For >1000, Deduct	-81.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0108	EA		5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY).....	467.44	131.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-23.37	
			For >100 To 250, Deduct	-35.06	
			For >250 To 500, Deduct	-51.86	
			For >500 To 1000, Deduct	-68.66	
			For >1000, Deduct	-85.46	
26 56 19 00-0109	EA		7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY).....	510.24	134.29
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-25.51	
			For >100 To 250, Deduct	-38.27	
			For >250 To 500, Deduct	-57.07	
			For >500 To 1000, Deduct	-75.86	
			For >1000, Deduct	-94.66	
26 56 19 00-0110	EA		8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY).....	532.76	135.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-26.64	
			For >100 To 250, Deduct	-39.96	
			For >250 To 500, Deduct	-59.82	
			For >500 To 1000, Deduct	-79.69	
			For >1000, Deduct	-99.56	
26 56 19 00-0111	EA		9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY).....	574.97	137.44
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-28.75	
			For >100 To 250, Deduct	-43.12	
			For >250 To 500, Deduct	-65.00	
			For >500 To 1000, Deduct	-86.88	
			For >1000, Deduct	-108.75	
26 56 19 00-0112	EA		13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY).....	664.45	141.15
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-33.22	
			For >100 To 250, Deduct	-49.83	
			For >250 To 500, Deduct	-76.00	
			For >500 To 1000, Deduct	-102.16	
			For >1000, Deduct	-128.33	
26 56 19 00-0113	EA		19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY).....	769.23	148.57
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For >50 To 100, Deduct	-38.46	
			For >100 To 250, Deduct	-57.69	
			For >250 To 500, Deduct	-88.73	
			For >500 To 1000, Deduct	-119.76	
			For >1000, Deduct	-150.79	
26 56 19 00-0114			LED Roadway Lighting (Acuity AEL Autobahn) <small>(26 56 19 00-0029)</small>		
26 56 19 00-0115			Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) <small>(26 56 19 00-0114)</small>		
			Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0116	EA		4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	768.44	130.00
			For >50 To 100, Deduct	-38.42	
			For >100 To 250, Deduct	-57.63	
			For >250 To 500, Deduct	-89.55	
			For >500 To 1000, Deduct	-121.48	
			For >1000, Deduct	-153.40	
26 56 19 00-0117	EA		6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	938.91	133.72
			For >50 To 100, Deduct	-46.95	
			For >100 To 250, Deduct	-70.42	
			For >250 To 500, Deduct	-110.68	
			For >500 To 1000, Deduct	-150.94	
			For >1000, Deduct	-191.20	
26 56 19 00-0118	EA		9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	1,282.15	137.44
			For >50 To 100, Deduct	-64.11	
			For >100 To 250, Deduct	-96.16	
			For >250 To 500, Deduct	-153.40	
			For >500 To 1000, Deduct	-210.63	
			For >1000, Deduct	-267.87	
26 56 19 00-0119	EA		13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	1,628.75	142.86
			For >50 To 100, Deduct	-81.44	
			For >100 To 250, Deduct	-122.16	
			For >250 To 500, Deduct	-196.45	
			For >500 To 1000, Deduct	-270.74	
			For >1000, Deduct	-345.04	
26 56 19 00-0120	EA		17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	1,966.75	146.86
			For >50 To 100, Deduct	-98.34	
			For >100 To 250, Deduct	-147.51	
			For >250 To 500, Deduct	-238.50	
			For >500 To 1000, Deduct	-329.49	
			For >1000, Deduct	-420.49	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0121	LED Roadway Lighting (Leotek) (26 56 19 00-0029)		
26 56 19 00-0122	Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) (26 56 19 00-0121) Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56 19 00-0123	EA Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL).....	441.76	130.00
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-22.09	
	For >100 To 250, Deduct	-33.13	
	For >250 To 500, Deduct	-48.72	
	For >500 To 1000, Deduct	-64.31	
	For >1000, Deduct	-79.90	
26 56 19 00-0124	EA Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL).....	450.52	131.43
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-22.53	
	For >100 To 250, Deduct	-33.79	
	For >250 To 500, Deduct	-49.74	
	For >500 To 1000, Deduct	-65.70	
	For >1000, Deduct	-81.65	
26 56 19 00-0125	EA Up To 9,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL).....	475.84	132.29
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-23.79	
	For >100 To 250, Deduct	-35.69	
	For >250 To 500, Deduct	-52.87	
	For >500 To 1000, Deduct	-70.04	
	For >1000, Deduct	-87.22	
26 56 19 00-0126	EA Up To 9,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL).....	542.77	137.44
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-27.14	
	For >100 To 250, Deduct	-40.71	
	For >250 To 500, Deduct	-60.97	
	For >500 To 1000, Deduct	-81.24	
	For >1000, Deduct	-101.51	
26 56 19 00-0127	EA Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL).....	623.37	141.15
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-31.17	
	For >100 To 250, Deduct	-46.75	
	For >250 To 500, Deduct	-70.86	
	For >500 To 1000, Deduct	-94.98	
	For >1000, Deduct	-119.09	
26 56 19 00-0128	EA Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL).....	627.95	143.43
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-31.40	
	For >100 To 250, Deduct	-47.10	
	For >250 To 500, Deduct	-71.32	
	For >500 To 1000, Deduct	-95.55	
	For >1000, Deduct	-119.77	
26 56 19 00-0129	EA Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL).....	751.72	145.72
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-37.59	
	For >100 To 250, Deduct	-56.38	
	For >250 To 500, Deduct	-86.68	
	For >500 To 1000, Deduct	-116.98	
	For >1000, Deduct	-147.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0130	EA		Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL).....	785.75	148.57
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-39.29	
			For >100 To 250, Deduct	-58.93	
			For >250 To 500, Deduct	-90.79	
			For >500 To 1000, Deduct	-122.65	
			For >1000, Deduct	-154.51	
26 56 19 00-0131	EA		Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL).....	868.22	150.87
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-43.41	
			For >100 To 250, Deduct	-65.12	
			For >250 To 500, Deduct	-100.98	
			For >500 To 1000, Deduct	-136.85	
			For >1000, Deduct	-172.72	
26 56 19 00-0132	EA		Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL).....	925.89	153.15
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-46.29	
			For >100 To 250, Deduct	-69.44	
			For >250 To 500, Deduct	-108.08	
			For >500 To 1000, Deduct	-146.72	
			For >1000, Deduct	-185.35	
26 56 19 00-0133	EA		Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL).....	500.09	131.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-25.00	
			For >100 To 250, Deduct	-37.51	
			For >250 To 500, Deduct	-55.94	
			For >500 To 1000, Deduct	-74.37	
			For >1000, Deduct	-92.81	
26 56 19 00-0134	EA		Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL).....	543.53	134.86
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-27.18	
			For >100 To 250, Deduct	-40.76	
			For >250 To 500, Deduct	-61.20	
			For >500 To 1000, Deduct	-81.63	
			For >1000, Deduct	-102.07	
26 56 19 00-0135	EA		Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL).....	581.71	137.44
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-29.09	
			For >100 To 250, Deduct	-43.63	
			For >250 To 500, Deduct	-65.84	
			For >500 To 1000, Deduct	-88.06	
			For >1000, Deduct	-110.27	
26 56 19 00-0136	EA		Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL).....	615.15	140.57
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-30.76	
			For >100 To 250, Deduct	-46.14	
			For >250 To 500, Deduct	-69.87	
			For >500 To 1000, Deduct	-93.59	
			For >1000, Deduct	-117.32	
26 56 19 00-0137	EA		Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL).....	648.11	141.72
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	5.62	
			For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
			For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
			For >50 To 100, Deduct	-32.41	
			For >100 To 250, Deduct	-48.61	
			For >250 To 500, Deduct	-73.93	
			For >500 To 1000, Deduct	-99.25	
			For >1000, Deduct	-124.57	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0138	EA Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL).....	758.73	146.86
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-37.94	
	For >100 To 250, Deduct	-56.90	
	For >250 To 500, Deduct	-87.50	
	For >500 To 1000, Deduct	-118.09	
	For >1000, Deduct	-148.68	
26 56 19 00-0139	EA Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL).....	848.23	149.71
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-42.41	
	For >100 To 250, Deduct	-63.62	
	For >250 To 500, Deduct	-98.54	
	For >500 To 1000, Deduct	-133.47	
	For >1000, Deduct	-168.39	
26 56 19 00-0140	EA Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL).....	896.58	150.30
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-44.83	
	For >100 To 250, Deduct	-67.24	
	For >250 To 500, Deduct	-104.56	
	For >500 To 1000, Deduct	-141.87	
	For >1000, Deduct	-179.19	
26 56 19 00-0141	EA Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL).....	943.68	152.01
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-47.18	
	For >100 To 250, Deduct	-70.78	
	For >250 To 500, Deduct	-110.36	
	For >500 To 1000, Deduct	-149.94	
	For >1000, Deduct	-189.53	
26 56 19 00-0142	EA Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP).....	538.25	143.43
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-26.91	
	For >100 To 250, Deduct	-40.37	
	For >250 To 500, Deduct	-60.11	
	For >500 To 1000, Deduct	-79.85	
	For >1000, Deduct	-99.59	
26 56 19 00-0143	EA Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP).....	576.52	144.86
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-28.83	
	For >100 To 250, Deduct	-43.24	
	For >250 To 500, Deduct	-64.82	
	For >500 To 1000, Deduct	-86.40	
	For >1000, Deduct	-107.99	
26 56 19 00-0144	EA Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL).....	426.35	131.14
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-21.32	
	For >100 To 250, Deduct	-31.98	
	For >250 To 500, Deduct	-46.74	
	For >500 To 1000, Deduct	-61.50	
	For >1000, Deduct	-76.26	
26 56 19 00-0145	EA Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL).....	433.35	132.29
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
	For Twist Lock Shorting Cap, Add	5.62	
	For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
	For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
	For >50 To 100, Deduct	-21.67	
	For >100 To 250, Deduct	-32.50	
	For >250 To 500, Deduct	-47.55	
	For >500 To 1000, Deduct	-62.61	
	For >1000, Deduct	-77.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0146	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL).....	465.63	134.86
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	5.62	
		For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
		For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
		For >50 To 100, Deduct	-23.28	
		For >100 To 250, Deduct	-34.92	
		For >250 To 500, Deduct	-51.46	
		For >500 To 1000, Deduct	-68.00	
		For >1000, Deduct	-84.54	
26 56 19 00-0147	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL).....	679.73	145.72
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	5.62	
		For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
		For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
		For >50 To 100, Deduct	-33.99	
		For >100 To 250, Deduct	-50.98	
		For >250 To 500, Deduct	-77.68	
		For >500 To 1000, Deduct	-104.38	
		For >1000, Deduct	-131.08	
26 56 19 00-0148	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL).....	863.54	150.30
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	5.62	
		For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
		For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
		For >50 To 100, Deduct	-43.18	
		For >100 To 250, Deduct	-64.77	
		For >250 To 500, Deduct	-100.43	
		For >500 To 1000, Deduct	-136.09	
		For >1000, Deduct	-171.75	
26 56 19 00-0149	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL).....	779.70	150.87
		For LightGrid™ Wireless Outdoor Controller, Add	20.00	
		For Twist Lock Shorting Cap, Add	5.62	
		For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
		For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
		For >50 To 100, Deduct	-38.99	
		For >100 To 250, Deduct	-58.48	
		For >250 To 500, Deduct	-89.92	
		For >500 To 1000, Deduct	-121.36	
		For >1000, Deduct	-152.80	
26 56 19 00-0150	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY).....	412.76	131.43
		For Twist Lock Shorting Cap, Add	5.62	
		For ANSI 7-wire Photocontrol Receptacle, Add	16.86	
		For Ripley Long-Life Twist Lock Photocontrol, Add	30.17	
		For >50 To 100, Deduct	-20.64	
		For >100 To 250, Deduct	-30.96	
		For >250 To 500, Deduct	-45.02	
		For >500 To 1000, Deduct	-59.09	
		For >1000, Deduct	-73.16	
26 56 19 00-0151		LED, Area Fixtures <small>(26 56 19)</small>		
26 56 19 00-0152		Pole Mount, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0153		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) <small>(26 56 19 00-0152)</small>		
		Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0154	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,075.27	97.15
		For >50 To 100, Deduct	-103.76	
		For >100 To 250, Deduct	-155.65	
		For >250 To 500, Deduct	-254.55	
		For >500 To 1000, Deduct	-353.46	
		For >1000, Deduct	-452.36	
26 56 19 00-0155	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,237.17	102.86
		For >50 To 100, Deduct	-111.86	
		For >100 To 250, Deduct	-167.79	
		For >250 To 500, Deduct	-274.50	
		For >500 To 1000, Deduct	-381.22	
		For >1000, Deduct	-487.93	
26 56 19 00-0156	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,410.51	114.29
		For >50 To 100, Deduct	-120.53	
		For >100 To 250, Deduct	-180.79	
		For >250 To 500, Deduct	-295.60	
		For >500 To 1000, Deduct	-410.41	
		For >1000, Deduct	-525.22	
26 56 19 00-0157	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,421.94	120.01
		For >50 To 100, Deduct	-121.10	
		For >100 To 250, Deduct	-181.65	
		For >250 To 500, Deduct	-296.74	
		For >500 To 1000, Deduct	-411.84	
		For >1000, Deduct	-526.94	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0158		Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) ^(26 56 19 00-0152)		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 19 00-0159	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	951.39	102.86
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	30.77	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-47.57	
		For >100 To 250, Deduct	-71.35	
		For >250 To 500, Deduct	-113.78	
		For >500 To 1000, Deduct	-156.21	
		For >1000, Deduct	-198.63	
26 56 19 00-0160	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,141.93	108.57
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	31.34	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-57.10	
		For >100 To 250, Deduct	-85.64	
		For >250 To 500, Deduct	-137.31	
		For >500 To 1000, Deduct	-188.98	
		For >1000, Deduct	-240.65	
26 56 19 00-0161	EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,404.36	114.29
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	31.91	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-70.22	
		For >100 To 250, Deduct	-105.33	
		For >250 To 500, Deduct	-169.83	
		For >500 To 1000, Deduct	-234.33	
		For >1000, Deduct	-298.84	
26 56 19 00-0162	EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,594.89	120.01
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	32.48	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-79.74	
		For >100 To 250, Deduct	-119.62	
		For >250 To 500, Deduct	-193.36	
		For >500 To 1000, Deduct	-267.11	
		For >1000, Deduct	-340.85	
26 56 19 00-0163	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,785.43	125.72
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	33.05	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-89.27	
		For >100 To 250, Deduct	-133.91	
		For >250 To 500, Deduct	-216.89	
		For >500 To 1000, Deduct	-299.88	
		For >1000, Deduct	-382.86	
26 56 19 00-0164	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,033.23	131.43
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	33.62	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-101.66	
		For >100 To 250, Deduct	-152.49	
		For >250 To 500, Deduct	-247.58	
		For >500 To 1000, Deduct	-342.67	
		For >1000, Deduct	-437.76	
26 56 19 00-0165	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,223.76	137.15
		For Backlight Shielding, Add	17.06	
		For Type II Medium Optic, Add	34.19	
		For 480 Volt, Add	62.04	
		For Multi-Level Drive Currents, Add	170.58	
		For >50 To 100, Deduct	-111.19	
		For >100 To 250, Deduct	-166.78	
		For >250 To 500, Deduct	-271.11	
		For >500 To 1000, Deduct	-375.44	
		For >1000, Deduct	-479.77	

26 56 19 00-0166 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO)^(26 56 19 00-0152)

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0167	EA			120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	1,653.18	125.72
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
				For Bird Spikes, Add	35.21	
				For 5,000K Color Temperature, Add	35.93	
				For Fuse, Add	43.11	
				For 0 To 10 Volt Dimming, Add	43.11	
				For 480 Volt, Add	64.67	
				For Multi-Level, Add	93.40	
				For 1,000mA Driver, Add	120.72	
				For >50 To 100, Deduct	-82.66	
				For >100 To 250, Deduct	-123.99	
				For >250 To 500, Deduct	-200.36	
				For >500 To 1000, Deduct	-276.73	
				For >1000, Deduct	-353.11	
26 56 19 00-0168	EA			240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	2,766.55	154.29
				For 3 Or 7-Pin NEMA Photocell Receptacle, Add	14.37	
				For 5,000K Color Temperature, Add	35.93	
				For Fuse, Add	43.11	
				For 0 To 10 Volt Dimming, Add	43.11	
				For Bird Spikes, Add	51.65	
				For Multi-Level, Add	93.40	
				For 1,000mA Driver, Add	120.71	
				For 480 Volt, Add	129.33	
				For >50 To 100, Deduct	-138.33	
				For >100 To 250, Deduct	-207.49	
				For >250 To 500, Deduct	-338.10	
				For >500 To 1000, Deduct	-468.72	
				For >1000, Deduct	-599.33	
26 56 19 00-0169				Wall Mount, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0170				Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) <small>(26 56 19 00-0169)</small> Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0171	EA			20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	918.09	97.15
				For >50 To 100, Deduct	-45.90	
				For >100 To 250, Deduct	-68.86	
				For >250 To 500, Deduct	-109.90	
				For >500 To 1000, Deduct	-150.95	
				For >1000, Deduct	-192.00	
26 56 19 00-0172	EA			30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	940.95	108.57
				For >50 To 100, Deduct	-47.05	
				For >100 To 250, Deduct	-70.57	
				For >250 To 500, Deduct	-112.19	
				For >500 To 1000, Deduct	-153.81	
				For >1000, Deduct	-195.43	
26 56 19 00-0173				Surface Mount, LED Parking Structure Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0174				Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) <small>(26 56 19 00-0173)</small> Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0175	EA			40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	844.17	102.86
				For Multi-Level Drive Currents, Add	170.58	
				For >50 To 100, Deduct	-42.21	
				For >100 To 250, Deduct	-63.31	
				For >250 To 500, Deduct	-100.38	
				For >500 To 1000, Deduct	-137.44	
				For >1000, Deduct	-174.51	
26 56 19 00-0176	EA			60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,034.71	108.57
				For Multi-Level Drive Currents, Add	170.58	
				For >50 To 100, Deduct	-51.74	
				For >100 To 250, Deduct	-77.60	
				For >250 To 500, Deduct	-123.91	
				For >500 To 1000, Deduct	-170.22	
				For >1000, Deduct	-216.52	
26 56 19 00-0177	EA			80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,225.25	114.29
				For Multi-Level Drive Currents, Add	170.58	
				For >50 To 100, Deduct	-61.26	
				For >100 To 250, Deduct	-91.89	
				For >250 To 500, Deduct	-147.44	
				For >500 To 1000, Deduct	-202.99	
				For >1000, Deduct	-258.54	
26 56 19 00-0178	EA			100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,415.79	120.01
				For Multi-Level Drive Currents, Add	170.58	
				For >50 To 100, Deduct	-70.79	
				For >100 To 250, Deduct	-106.18	
				For >250 To 500, Deduct	-170.97	
				For >500 To 1000, Deduct	-235.76	
				For >1000, Deduct	-300.55	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0179	Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) <small>(26 56 19 00-0173)</small> Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0180	EA 40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	814.93	102.86
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-40.75	
	<i>For >100 To 250, Deduct</i>	-61.12	
	<i>For >250 To 500, Deduct</i>	-96.72	
	<i>For >500 To 1000, Deduct</i>	-132.33	
	<i>For >1000, Deduct</i>	-167.93	
26 56 19 00-0181	EA 60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	898.25	108.57
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-44.91	
	<i>For >100 To 250, Deduct</i>	-67.37	
	<i>For >250 To 500, Deduct</i>	-106.85	
	<i>For >500 To 1000, Deduct</i>	-146.34	
	<i>For >1000, Deduct</i>	-185.82	
26 56 19 00-0182	Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) <small>(26 56 19 00-0173)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0183	EA 3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	642.50	102.86
	<i>For >50 To 100, Deduct</i>	-32.13	
	<i>For >100 To 250, Deduct</i>	-48.19	
	<i>For >250 To 500, Deduct</i>	-75.17	
	<i>For >500 To 1000, Deduct</i>	-102.15	
	<i>For >1000, Deduct</i>	-129.13	
26 56 19 00-0184	Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) <small>(26 56 19 00-0173)</small> Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 19 00-0185	EA 70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,217.78	108.57
	<i>For >50 To 100, Deduct</i>	-60.89	
	<i>For >100 To 250, Deduct</i>	-91.33	
	<i>For >250 To 500, Deduct</i>	-146.79	
	<i>For >500 To 1000, Deduct</i>	-202.25	
	<i>For >1000, Deduct</i>	-257.71	
26 56 19 00-0186	EA 110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,240.64	120.01
	<i>For >50 To 100, Deduct</i>	-62.03	
	<i>For >100 To 250, Deduct</i>	-93.05	
	<i>For >250 To 500, Deduct</i>	-149.08	
	<i>For >500 To 1000, Deduct</i>	-205.11	
	<i>For >1000, Deduct</i>	-261.14	
26 56 19 00-0187	Surface Mount, LED Canopy Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0188	Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) <small>(26 56 19 00-0187)</small> Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0189	EA 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	973.32	102.86
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-48.67	
	<i>For >100 To 250, Deduct</i>	-73.00	
	<i>For >250 To 500, Deduct</i>	-116.52	
	<i>For >500 To 1000, Deduct</i>	-160.05	
	<i>For >1000, Deduct</i>	-203.57	
26 56 19 00-0190	EA 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,163.86	108.57
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-58.19	
	<i>For >100 To 250, Deduct</i>	-87.29	
	<i>For >250 To 500, Deduct</i>	-140.05	
	<i>For >500 To 1000, Deduct</i>	-192.82	
	<i>For >1000, Deduct</i>	-245.58	
26 56 19 00-0191	EA 80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,354.40	114.29
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-67.72	
	<i>For >100 To 250, Deduct</i>	-101.58	
	<i>For >250 To 500, Deduct</i>	-163.59	
	<i>For >500 To 1000, Deduct</i>	-225.59	
	<i>For >1000, Deduct</i>	-287.60	
26 56 19 00-0192	EA 100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,544.94	120.01
	<i>For Multi-Level Drive Currents, Add</i>	170.58	
	<i>For >50 To 100, Deduct</i>	-77.25	
	<i>For >100 To 250, Deduct</i>	-115.87	
	<i>For >250 To 500, Deduct</i>	-187.12	
	<i>For >500 To 1000, Deduct</i>	-258.36	
	<i>For >1000, Deduct</i>	-329.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0193	EA		120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	1,735.48 170.58 -86.77 -130.16 -210.65 -291.14 -371.63	125.72
26 56 19 00-0194	EA		140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	1,997.90 170.58 -99.90 -149.84 -243.17 -336.49 -429.81	131.43
26 56 19 00-0195	EA		160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,188.43 170.58 -109.42 -164.13 -266.70 -369.26 -471.83	137.15
26 56 19 00-0196	EA		200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,569.50 170.58 -128.48 -192.71 -313.76 -434.81 -555.85	148.57
26 56 19 00-0197	EA		240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) <i>For Multi-Level Drive Currents, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	2,939.15 170.58 -146.96 -220.44 -359.68 -498.92 -638.17	154.29
26 56 19 00-0198			Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) <small>(26 56 19 00-0187)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0199	EA		8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	687.92 -34.40 -51.59 -80.28 -108.96 -137.64	114.29
26 56 19 00-0200			Recessed Mount, LED Soffit Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0201			Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) <small>(26 56 19 00-0200)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0202	EA		40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	829.55 -41.48 -62.22 -98.55 -134.89 -171.22	102.86
26 56 19 00-0203	EA		60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	912.87 -45.64 -68.47 -108.68 -148.89 -189.11	108.57
26 56 19 00-0204			Surface Mount, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0205			Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) <small>(26 56 19 00-0204)</small> Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0206	EA		50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	700.71 -35.04 -52.55 -82.45 -112.34 -142.23	102.86
26 56 19 00-0207	EA		50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1000, Deduct</i> <i>For >1000, Deduct</i>	901.86 -45.09 -67.64 -107.59 -147.54 -187.49	102.86

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0208	EA		68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	767.25	114.29
			<i>For >50 To 100, Deduct</i>	-38.36	
			<i>For >100 To 250, Deduct</i>	-57.54	
			<i>For >250 To 500, Deduct</i>	-90.19	
			<i>For >500 To 1000, Deduct</i>	-122.84	
			<i>For >1000, Deduct</i>	-155.49	
26 56 19 00-0209	EA		68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	933.47	114.29
			<i>For >50 To 100, Deduct</i>	-46.67	
			<i>For >100 To 250, Deduct</i>	-70.01	
			<i>For >250 To 500, Deduct</i>	-110.97	
			<i>For >500 To 1000, Deduct</i>	-151.93	
			<i>For >1000, Deduct</i>	-192.89	
26 56 19 00-0210			Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) <small>(26 56 19 00-0204)</small> Note: Wall, inverted, post, bollard, floodlight trunion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA		13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	229.95	37.80
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-11.50	
			<i>For >100 To 250, Deduct</i>	-17.25	
			<i>For >250 To 500, Deduct</i>	-27.17	
			<i>For >500 To 1000, Deduct</i>	-37.09	
			<i>For >1000, Deduct</i>	-47.01	
26 56 19 00-0212	EA		20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	265.36	37.80
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-13.27	
			<i>For >100 To 250, Deduct</i>	-19.90	
			<i>For >250 To 500, Deduct</i>	-31.60	
			<i>For >500 To 1000, Deduct</i>	-43.29	
			<i>For >1000, Deduct</i>	-54.98	
26 56 19 00-0213	EA		30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	332.83	37.80
			<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00	
			<i>For >50 To 100, Deduct</i>	-16.64	
			<i>For >100 To 250, Deduct</i>	-24.96	
			<i>For >250 To 500, Deduct</i>	-40.03	
			<i>For >500 To 1000, Deduct</i>	-55.10	
			<i>For >1000, Deduct</i>	-70.16	
26 56 19 00-0214			Surface Mount, LED Facade Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0215			Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) <small>(26 56 19 00-0214)</small>		
26 56 19 00-0216	EA		12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	459.44	44.11
			<i>For >50 To 100, Deduct</i>	-22.97	
			<i>For >100 To 250, Deduct</i>	-34.46	
			<i>For >250 To 500, Deduct</i>	-55.75	
			<i>For >500 To 1000, Deduct</i>	-77.05	
			<i>For >1000, Deduct</i>	-98.34	
26 56 19 00-0217	EA		24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	732.78	40.27
			<i>For >50 To 100, Deduct</i>	-36.64	
			<i>For >100 To 250, Deduct</i>	-54.96	
			<i>For >250 To 500, Deduct</i>	-90.16	
			<i>For >500 To 1000, Deduct</i>	-125.36	
			<i>For >1000, Deduct</i>	-160.56	
26 56 19 00-0218	EA		36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	928.03	33.57
			<i>For >50 To 100, Deduct</i>	-46.40	
			<i>For >100 To 250, Deduct</i>	-69.60	
			<i>For >250 To 500, Deduct</i>	-114.81	
			<i>For >500 To 1000, Deduct</i>	-160.01	
			<i>For >1000, Deduct</i>	-205.21	
26 56 19 00-0219	EA		48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,123.27	26.85
			<i>For >50 To 100, Deduct</i>	-56.16	
			<i>For >100 To 250, Deduct</i>	-84.25	
			<i>For >250 To 500, Deduct</i>	-139.45	
			<i>For >500 To 1000, Deduct</i>	-194.65	
			<i>For >1000, Deduct</i>	-249.86	
26 56 19 00-0220			Post Top, LED Area Fixtures <small>(26 56 19 00-0151)</small>		
26 56 19 00-0221			Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) <small>(26 56 19 00-0220)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0222	EA		1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	1,321.09	157.15
			<i>For >50 To 100, Deduct</i>	-66.05	
			<i>For >100 To 250, Deduct</i>	-99.08	
			<i>For >250 To 500, Deduct</i>	-157.28	
			<i>For >500 To 1000, Deduct</i>	-215.48	
			<i>For >1000, Deduct</i>	-273.67	
26 56 19 00-0223	EA		3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	1,449.55	157.15
			<i>For >50 To 100, Deduct</i>	-72.48	
			<i>For >100 To 250, Deduct</i>	-108.72	
			<i>For >250 To 500, Deduct</i>	-173.34	
			<i>For >500 To 1000, Deduct</i>	-237.96	
			<i>For >1000, Deduct</i>	-302.58	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0224	EA		77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	1,551.09	157.15	
			<i>For >50 To 100, Deduct</i>	-77.55		
			<i>For >100 To 250, Deduct</i>	-116.33		
			<i>For >250 To 500, Deduct</i>	-186.03		
			<i>For >500 To 1000, Deduct</i>	-255.73		
			<i>For >1000, Deduct</i>	-325.42		
26 56 19 00-0225			Post Top, LED Area Fixtures (General Electric EPAS) <small>(26 56 19 00-0220)</small>			
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.			
26 56 19 00-0226	EA		3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	1,542.88	157.15	
			<i>For >50 To 100, Deduct</i>	-77.14		
			<i>For >100 To 250, Deduct</i>	-115.72		
			<i>For >250 To 500, Deduct</i>	-185.00		
			<i>For >500 To 1000, Deduct</i>	-254.29		
			<i>For >1000, Deduct</i>	-323.58		
26 56 19 00-0227	EA		6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	1,575.92	157.15	
			<i>For >50 To 100, Deduct</i>	-78.80		
			<i>For >100 To 250, Deduct</i>	-118.19		
			<i>For >250 To 500, Deduct</i>	-189.13		
			<i>For >500 To 1000, Deduct</i>	-260.07		
			<i>For >1000, Deduct</i>	-331.01		
26 56 19 00-0228			Post Top, LED Area Fixtures (General Electric EPTC) <small>(26 56 19 00-0220)</small>			
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.			
26 56 19 00-0229	EA		3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,095.47	157.15	
			<i>For >50 To 100, Deduct</i>	-54.77		
			<i>For >100 To 250, Deduct</i>	-82.16		
			<i>For >250 To 500, Deduct</i>	-129.08		
			<i>For >500 To 1000, Deduct</i>	-175.99		
			<i>For >1000, Deduct</i>	-222.91		
26 56 19 00-0230	EA		6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,144.93	157.15	
			<i>For >50 To 100, Deduct</i>	-57.25		
			<i>For >100 To 250, Deduct</i>	-85.87		
			<i>For >250 To 500, Deduct</i>	-135.26		
			<i>For >500 To 1000, Deduct</i>	-184.65		
			<i>For >1000, Deduct</i>	-234.04		
26 56 19 00-0231			Post Top, LED Area Fixtures (General Electric EPST) <small>(26 56 19 00-0220)</small>			
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.			
26 56 19 00-0232	EA		3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	870.67	157.15	
			<i>For >50 To 100, Deduct</i>	-43.53		
			<i>For >100 To 250, Deduct</i>	-65.30		
			<i>For >250 To 500, Deduct</i>	-100.98		
			<i>For >500 To 1000, Deduct</i>	-136.65		
			<i>For >1000, Deduct</i>	-172.33		
26 56 19 00-0233	EA		6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	920.13	157.15	
			<i>For >50 To 100, Deduct</i>	-46.01		
			<i>For >100 To 250, Deduct</i>	-69.01		
			<i>For >250 To 500, Deduct</i>	-107.16		
			<i>For >500 To 1000, Deduct</i>	-145.31		
			<i>For >1000, Deduct</i>	-183.46		
26 56 19 00-0234			Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) <small>(26 56 19 00-0220)</small>			
			Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.			
26 56 19 00-0235	EA		13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	2,171.16	157.15	
			<i>For >50 To 100, Deduct</i>	-108.56		
			<i>For >100 To 250, Deduct</i>	-162.84		
			<i>For >250 To 500, Deduct</i>	-263.54		
			<i>For >500 To 1000, Deduct</i>	-364.24		
			<i>For >1000, Deduct</i>	-464.94		
26 56 19 00-0236			LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) <small>(26 56 19 00-0220)</small>			
			Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.			
26 56 19 00-0237	EA		LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	616.56	85.72	
			<i>For 0 To 10 Volt Dimming, Add</i>	43.11		
			<i>For >50 To 100, Deduct</i>	-30.83		
			<i>For >100 To 250, Deduct</i>	-46.24		
			<i>For >250 To 500, Deduct</i>	-72.78		
			<i>For >500 To 1000, Deduct</i>	-99.33		
			<i>For >1000, Deduct</i>	-125.87		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 19 00-0238	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) <small>(26 56 19 00-0220)</small>		
	Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 56 19 00-0239	EA LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	380.95	18.29
	For Backlight Control Shield, Add	29.31	
	For >50 To 100, Deduct	-19.05	
	For >100 To 250, Deduct	-28.57	
	For >250 To 500, Deduct	-45.79	
	For >500 To 1000, Deduct	-63.01	
	For >1000, Deduct	-80.23	
26 56 19 00-0240	Surface Mount, LED Strip Fixtures (Sylvania) <small>(26 56 19 00-0151)</small>		
26 56 19 00-0241	EA 4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D).....	319.70	35.10
	For >50 To 100, Deduct	-15.99	
	For >100 To 250, Deduct	-23.98	
	For >250 To 500, Deduct	-38.64	
	For >500 To 1000, Deduct	-53.31	
	For >1000, Deduct	-67.98	
26 56 21	HID Exterior Lighting <small>(26 56)</small>		
26 56 21 00-0001	High Mast Fixtures <small>(26 56 21)</small>		
26 56 21 00-0002	Metal Halide, High Mast Fixtures <small>(26 56 21 00-0001)</small>		
26 56 21 00-0003	EA 400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,336.21	141.27
26 56 21 00-0004	EA 400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,425.74	141.27
26 56 21 00-0005	EA 750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,418.83	161.39
26 56 21 00-0006	EA 750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,472.54	161.39
26 56 21 00-0007	EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,499.49	201.74
26 56 21 00-0008	EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,553.20	201.74
26 56 21 00-0009	High Pressure Sodium, High Mast Fixtures <small>(26 56 21 00-0001)</small>		
26 56 21 00-0010	EA 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	1,380.76	141.27
26 56 21 00-0011	EA 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,434.47	141.27
26 56 21 00-0012	EA 600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,661.48	149.34
26 56 21 00-0013	EA 750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,704.47	161.39
26 56 21 00-0014	EA 1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,811.99	201.74
26 56 21 00-0015	HID, Pole Mounted <small>(26 56 21)</small>		
26 56 21 00-0016	Metal Halide, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0017	EA 175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	528.51	230.35
26 56 21 00-0018	EA 250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	592.50	250.05
26 56 21 00-0019	EA 400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	683.83	268.98
26 56 21 00-0020	EA 1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	880.01	315.24
26 56 21 00-0021	High Pressure Sodium, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0022	EA 100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	611.27	268.98
26 56 21 00-0023	EA 150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	628.15	268.98
26 56 21 00-0024	EA 175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	656.72	268.98
26 56 21 00-0025	EA 250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	728.91	268.98
26 56 21 00-0026	EA 400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	842.73	268.98
26 56 21 00-0027	EA 1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	847.78	268.98
26 56 21 00-0028	Low Pressure Sodium, Pole Mounted <small>(26 56 21 00-0015)</small>		
26 56 21 00-0029	EA 135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	526.99	146.33
26 56 21 00-0030	EA 135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	594.97	215.18
26 56 21 00-0031	EA 180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	681.35	215.18
26 56 21 00-0032	Metal Halide, Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0033	Metal Halide, Pole Mount, Area Fixtures <small>(26 56 21 00-0032)</small>		
	Note: Includes pulse start ballast.		
26 56 21 00-0034	EA 150 Watt, Metal Halide Area Fixture, Pole Mount	748.22	141.26
26 56 21 00-0035	EA 175 Watt, Metal Halide Area Fixture, Pole Mount	821.31	155.38
26 56 21 00-0036	EA 250 Watt, Metal Halide Area Fixture, Pole Mount	907.04	169.50
26 56 21 00-0037	EA 400 Watt, Metal Halide Area Fixture, Pole Mount	969.23	197.76
26 56 21 00-0038	High Pressure Sodium, Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0039	Pole Mount, High Pressure Sodium Area Fixtures <small>(26 56 21 00-0038)</small>		
26 56 21 00-0040	EA 100 Watt, High Pressure Sodium Area Fixture, Pole Mount	619.28	113.01
26 56 21 00-0041	EA 150 Watt, High Pressure Sodium Area Fixture, Pole Mount	683.80	141.26
26 56 21 00-0042	EA 250 Watt, High Pressure Sodium Area Fixture, Pole Mount	750.47	169.50
26 56 21 00-0043	EA 400 Watt, High Pressure Sodium Area Fixture, Pole Mount	801.44	197.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 21 00-0044			Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21)</small>		
26 56 21 00-0045			Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21 00-0044)</small>		
26 56 21 00-0046	EA		175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	500.73 23.83 46.73	215.18
26 56 21 00-0047	EA		250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	566.62 28.99 56.84	242.08
26 56 21 00-0048	EA		400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	669.72 38.66 75.81	268.98
26 56 21 00-0049	EA		1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	866.89 43.84 85.97	315.24
26 56 21 00-0050			High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture <small>(26 56 21 00-0044)</small>		
26 56 21 00-0051	EA		70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)..... <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	474.22 26.17 51.31	183.99
26 56 21 00-0052	EA		100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)..... <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	513.46 29.23 57.31	195.81
26 56 21 00-0053	EA		150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)..... <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	552.46 32.03 62.80	206.58
26 56 21 00-0054	EA		175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	571.52 32.86 64.43	215.18
26 56 21 00-0055	EA		250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	632.66 37.41 73.35	242.08
26 56 21 00-0056	EA		400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	682.85 40.34 79.09	268.98
26 56 21 00-0057	EA		1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture <i>For Round Body, Add</i> <i>For Spherical Dome Body, Add</i>	941.39 53.34 104.59	315.24
26 56 21 00-0058			Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21)</small>		
26 56 21 00-0059			High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21 00-0058)</small> Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA		35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	536.81	145.25
26 56 21 00-0061	EA		50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	560.95	161.39
26 56 21 00-0062	EA		70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	604.26	183.99
26 56 21 00-0063	EA		100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	623.04	195.81
26 56 21 00-0064	EA		150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	642.85	206.58
26 56 21 00-0065	EA		175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	673.07	215.18
26 56 21 00-0066	EA		250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	736.37	242.08
26 56 21 00-0067	EA		400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	881.97	268.98
26 56 21 00-0068			Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <small>(26 56 21 00-0058)</small> Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA		50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	591.42	161.39
26 56 21 00-0070	EA		70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	630.10	183.99
26 56 21 00-0071	EA		100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	653.21	195.81
26 56 21 00-0072	EA		150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	682.29	206.58
26 56 21 00-0073	EA		175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	698.94	215.18
26 56 21 00-0074	EA		250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	763.57	242.08
26 56 21 00-0075	EA		400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	954.25	268.98
26 56 21 00-0076			Wall Packs <small>(26 56 21)</small>		
26 56 21 00-0077			Non Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA		13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	263.16	52.49
26 56 21 00-0079	EA		50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	278.69	52.49
26 56 21 00-0080	EA		35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	278.69	52.49
26 56 21 00-0081	EA		70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	353.97	52.49
26 56 21 00-0082			Semi Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small> Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
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26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	475.47	52.49
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	481.05	52.49
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	485.88	52.49
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	477.08	52.49
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	440.85	52.49
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	420.95	52.49
26 56 21 00-0089		Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.				
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	498.39	52.49
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	503.48	52.49
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	494.68	52.49
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	501.77	52.49
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	501.77	52.49
26 56 21 00-0095		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.				
26 56 21 00-0096	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	492.35	69.92
26 56 21 00-0097	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	492.35	69.92
26 56 21 00-0098	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	465.08	69.92
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	475.53	69.92
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	475.53	69.92
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	445.30	69.92
26 56 21 00-0102		Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.				
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	508.50	69.92
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	508.50	69.92
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	508.50	69.92
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	492.46	69.92
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	492.46	69.92
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	492.46	69.92
26 56 21 00-0109		Full Cutoff, Tempered Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.				
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack.....	638.99	69.92
26 56 21 00-0111		Cutoff, Borosilicate Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. Lithonia TWR2.				
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	619.85	86.61
Note: 9-1/4" x 17-7/8" x 9-3/8".				
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	656.81	86.61
Note: 9-1/4" x 17-7/8" x 12-1/2".				
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	700.88	86.61
Note: 9-1/4" x 17-7/8" x 9-3/8".				
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	713.01	86.61
Note: 9-1/4" x 17-7/8" x 12-1/2".				
26 56 21 00-0116		Cutoff, Tempered Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.				
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack.....	667.39	86.61
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack.....	708.92	86.61
26 56 21 00-0119		Non Cutoff, Polycarbonate Lens, Large Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.				
26 56 21 00-0120	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	637.50	104.99
26 56 21 00-0121	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	593.51	104.99
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	627.32	104.99
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	630.68	104.99
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	634.21	104.99
26 56 21 00-0125		Non Cutoff, Borosilicate Glass Lens, Large Wall Packs <small>(26 56 21 00-0076)</small>		
Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.				
26 56 21 00-0126	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	637.51	104.99
26 56 21 00-0127	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	652.18	104.99
26 56 21 00-0128	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	696.17	104.99
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	666.85	104.99
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	681.53	104.99
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	710.82	104.99
26 56 21 00-0132		Semi Cutoff, Induction Wall Packs <small>(26 56 21 00-0076)</small>		
26 56 21 00-0133		Semi Cutoff, Induction Wall Packs (Everlast®) <small>(26 56 21 00-0132)</small>		
Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.				
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	756.61	97.15
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	774.30	102.86

MINOR	CSI	UOM	DESCRIPTION				TOTAL DIRECT	DEMOLITION	
							UNIT COST	UNIT COST	

26 56 21 00-0136	EA		100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	792.00				108.57	
26 56 21 00-0137	EA		120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	878.61				114.29	
26 56 21 00-0138			Non Cutoff, Polycarbonate Lens, Small Wall Packs (26 56 21 00-0076)						
26 56 21 00-0139	EA		15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P).....	270.11				52.49	
26 56 21 00-0140			Induction, Roadway Lighting (26 56 21)						
26 56 21 00-0141			Induction Roadway Lighting (US Lighting Tech) (26 56 21 00-0140)						
			Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.						
26 56 21 00-0142	EA		40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	650.94				171.43	
26 56 21 00-0143	EA		70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	722.78				177.15	
26 56 21 00-0144	EA		100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	745.63				188.58	
26 56 21 00-0145	EA		150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	768.49				200.01	
26 56 21 00-0146	EA		200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	918.85				205.72	
26 56 21 00-0147	EA		250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	935.13				211.43	
26 56 21 00-0148	EA		40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	600.20				171.43	
26 56 21 00-0149	EA		70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	679.29				177.15	
26 56 21 00-0150	EA		100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	702.14				188.58	
26 56 21 00-0151	EA		150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	725.00				200.01	
26 56 21 00-0152			Induction, Area Fixtures (26 56 21)						
26 56 21 00-0153			Post Top, Induction Area Fixtures (26 56 21 00-0152)						
26 56 21 00-0154			Post Top, Induction Area Fixtures (US Lighting Tech) (26 56 21 00-0153)						
			Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.						
26 56 21 00-0155	EA		40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	750.42				157.15	
26 56 21 00-0156	EA		70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	820.50				157.15	
26 56 21 00-0157	EA		100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	820.50				157.15	
26 56 21 00-0158	EA		150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	820.50				157.15	
26 56 21 00-0159			Surface Mount, Induction Parking Structure Fixtures (26 56 21 00-0152)						
26 56 21 00-0160			Surface Mount, Induction Parking Structure Fixtures (Everlast®) (26 56 21 00-0159)						
26 56 21 00-0161	EA		40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	666.04				142.86	
26 56 21 00-0162	EA		55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	712.82				145.72	
26 56 21 00-0163	EA		70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	723.37				148.57	
26 56 21 00-0164	EA		80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	733.92				151.44	
26 56 21 00-0165	EA		100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	744.46				154.29	
26 56 21 00-0166	EA		120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	759.84				157.15	
26 56 21 00-0167	EA		70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	793.44				148.57	
26 56 21 00-0168	EA		80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	803.99				151.44	
26 56 21 00-0169	EA		100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	814.53				154.29	
26 56 21 00-0170	EA		120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	850.45				157.15	
26 56 21 00-0171			Pole Mount, Induction Area Fixtures (26 56 21 00-0152)						
26 56 21 00-0172			Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) (26 56 21 00-0171)						
			Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.						
26 56 21 00-0173	EA		70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70).....	787.93				97.15	
26 56 21 00-0174	EA		80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80).....	811.89				102.86	
26 56 21 00-0175	EA		100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100).....	835.85				108.57	

END OF SECTION 26

26 Electrical

26 50 Lighting

26 56 Exterior Lighting

MINOR
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UNIT COST UNIT COST

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

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications ⁽²⁷⁾

27 05 26 Grounding and Bonding for Communications Systems ^(27 05)

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00).....	680.25	107.44
		Note: Excludes terminations.		
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00).....	880.84	143.28
		Note: Excludes terminations.		
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00).....	1,381.65	214.87
		Note: Excludes terminations.		
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit.....	8.26	1.57
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK).....	66.38	28.39
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	133.96	28.39
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	237.38	28.39
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap.....	47.17	5.26
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug.....	18.66	5.26
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug.....	19.66	5.26
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block.....	21.52	5.26

27 05 29 Hangers And Supports For Communications Systems ^(27 05)

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29)

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12).....	7.29	2.63
		For >50 To 100, Deduct	-0.31	
		For >100 To 250, Deduct	-0.63	
		For >250 To 500, Deduct	-1.20	
		For >500, Deduct	-1.78	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.42	
		For Work In Restricted Working Space, Add	1.58	
		For Painted Powder Coated Finish, Add	0.41	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21).....	7.60	2.63
		For >50 To 100, Deduct	-0.32	
		For >100 To 250, Deduct	-0.64	
		For >250 To 500, Deduct	-1.23	
		For >500, Deduct	-1.81	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.42	
		For Work In Restricted Working Space, Add	1.58	
		For Painted Powder Coated Finish, Add	1.44	
		For Low Friction Xylan® Coated Finish, Add	5.14	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32).....	8.09	2.63
		For >50 To 100, Deduct	-0.33	
		For >100 To 250, Deduct	-0.67	
		For >250 To 500, Deduct	-1.26	
		For >500, Deduct	-1.86	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.42	
		For Work In Restricted Working Space, Add	1.58	
		For Painted Powder Coated Finish, Add	1.77	
		For Low Friction Xylan® Coated Finish, Add	6.39	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64).....	12.30	2.63
		For >50 To 100, Deduct	-0.44	
		For >100 To 250, Deduct	-0.88	
		For >250 To 500, Deduct	-1.58	
		For >500, Deduct	-2.28	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.42	
		For Work In Restricted Working Space, Add	1.58	
		For Painted Powder Coated Finish, Add	0.95	
		For Low Friction Xylan® Coated Finish, Add	5.67	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB).....	8.03	2.63
		For >50 To 100, Deduct	-0.33	
		For >100 To 250, Deduct	-0.66	
		For >250 To 500, Deduct	-1.26	
		For >500, Deduct	-1.86	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.42	
		For Work In Restricted Working Space, Add	1.58	

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers And Supports For Communications Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
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27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	9.92	2.63
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.76	
		<i>For >250 To 500, Deduct</i>	-1.40	
		<i>For >500, Deduct</i>	-2.04	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.42	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	10.84	2.63
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.47	
		<i>For >500, Deduct</i>	-2.14	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.42	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	14.14	2.63
		<i>For >50 To 100, Deduct</i>	-0.49	
		<i>For >100 To 250, Deduct</i>	-0.97	
		<i>For >250 To 500, Deduct</i>	-1.72	
		<i>For >500, Deduct</i>	-2.47	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.42	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)				
Note: Excludes strut.				
27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	8.38	2.63
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100 To 250, Deduct</i>	-0.68	
		<i>For >250 To 500, Deduct</i>	-1.29	
		<i>For >500, Deduct</i>	-1.89	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	9.64	2.63
		<i>For >50 To 100, Deduct</i>	-0.37	
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.38	
		<i>For >500, Deduct</i>	-2.02	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	10.29	2.63
		<i>For >50 To 100, Deduct</i>	-0.39	
		<i>For >100 To 250, Deduct</i>	-0.78	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-2.08	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	13.41	2.63
		<i>For >50 To 100, Deduct</i>	-0.47	
		<i>For >100 To 250, Deduct</i>	-0.93	
		<i>For >250 To 500, Deduct</i>	-1.66	
		<i>For >500, Deduct</i>	-2.39	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)				
Note: Excludes T-Bar.				
27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	9.76	2.63
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-2.03	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	11.90	2.63
		<i>For >50 To 100, Deduct</i>	-0.43	
		<i>For >100 To 250, Deduct</i>	-0.86	
		<i>For >250 To 500, Deduct</i>	-1.55	
		<i>For >500, Deduct</i>	-2.24	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	12.45	2.63
		<i>For >50 To 100, Deduct</i>	-0.44	
		<i>For >100 To 250, Deduct</i>	-0.89	
		<i>For >250 To 500, Deduct</i>	-1.59	
		<i>For >500, Deduct</i>	-2.30	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)				
Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6).....	8.21	2.63
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100 To 250, Deduct</i>	-0.67	
		<i>For >250 To 500, Deduct</i>	-1.27	
		<i>For >500, Deduct</i>	-1.87	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	8.50	2.63
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100 To 250, Deduct</i>	-0.69	
		<i>For >250 To 500, Deduct</i>	-1.30	
		<i>For >500, Deduct</i>	-1.90	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6).....	9.98	2.63
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.76	
		<i>For >250 To 500, Deduct</i>	-1.41	
		<i>For >500, Deduct</i>	-2.05	
		<i>For Work In Restricted Working Space, Add</i>	1.58	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB).....	9.81	2.63
		<i>For >50 To 100, Deduct</i>	-0.38	
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-2.03	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB).....	10.50	2.63
		<i>For >50 To 100, Deduct</i>	-0.39	
		<i>For >100 To 250, Deduct</i>	-0.79	
		<i>For >250 To 500, Deduct</i>	-1.45	
		<i>For >500, Deduct</i>	-2.10	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB).....	13.95	2.63
		<i>For >50 To 100, Deduct</i>	-0.48	
		<i>For >100 To 250, Deduct</i>	-0.96	
		<i>For >250 To 500, Deduct</i>	-1.70	
		<i>For >500, Deduct</i>	-2.45	
		<i>For Work In Restricted Working Space, Add</i>	1.58	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A).....	9.71	2.63
		<i>For >50 To 100, Deduct</i>	-0.37	
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-2.02	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A).....	10.95	2.63
		<i>For >50 To 100, Deduct</i>	-0.41	
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.48	
		<i>For >500, Deduct</i>	-2.15	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A).....	11.60	2.63
		<i>For >50 To 100, Deduct</i>	-0.42	
		<i>For >100 To 250, Deduct</i>	-0.84	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-2.21	
		<i>For Work In Restricted Working Space, Add</i>	1.58	
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A).....	15.20	2.63
		<i>For >50 To 100, Deduct</i>	-0.51	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.57	
		<i>For Work In Restricted Working Space, Add</i>	1.58	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) (27 05 29)

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers And Supports For Communications Systems**
 MINOR
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27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	26.31	3.47
		<i>For >50 To 100, Deduct</i>	-0.92	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-3.29	
		<i>For >500, Deduct</i>	-4.73	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	2.73	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.78	3.47
		<i>For >50 To 100, Deduct</i>	-0.93	
		<i>For >100 To 250, Deduct</i>	-1.86	
		<i>For >250 To 500, Deduct</i>	-3.32	
		<i>For >500, Deduct</i>	-4.78	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	29.18	3.47
		<i>For >50 To 100, Deduct</i>	-0.99	
		<i>For >100 To 250, Deduct</i>	-1.98	
		<i>For >250 To 500, Deduct</i>	-3.50	
		<i>For >500, Deduct</i>	-5.02	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.24	3.47
		<i>For >50 To 100, Deduct</i>	-0.92	
		<i>For >100 To 250, Deduct</i>	-1.84	
		<i>For >250 To 500, Deduct</i>	-3.28	
		<i>For >500, Deduct</i>	-4.72	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	27.35	3.47
		<i>For >50 To 100, Deduct</i>	-0.95	
		<i>For >100 To 250, Deduct</i>	-1.89	
		<i>For >250 To 500, Deduct</i>	-3.36	
		<i>For >500, Deduct</i>	-4.84	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	28.46	3.47
		<i>For >50 To 100, Deduct</i>	-0.97	
		<i>For >100 To 250, Deduct</i>	-1.95	
		<i>For >250 To 500, Deduct</i>	-3.45	
		<i>For >500, Deduct</i>	-4.95	
		<i>For Work In Restricted Working Space, Add</i>	3.15	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.98	3.47
		<i>For >50 To 100, Deduct</i>	-0.94	
		<i>For >100 To 250, Deduct</i>	-1.87	
		<i>For >250 To 500, Deduct</i>	-3.34	
		<i>For >500, Deduct</i>	-4.80	
		<i>For Work In Restricted Working Space, Add</i>	3.15	

27 05 33 Conduits And Backboxes For Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems ^(27 05)

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts And Raceways For Communications Systems ^(27 05)

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles For Communications Systems ^(27 05)

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification For Communications Systems ^(27 05)

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling ⁽²⁷⁾

Note: Includes testing.

27 11 Communications Equipment Room Fittings ^(27 10)**27 11 16 Communications Cabinets, Racks, Frames, And Enclosures** ^(27 11)**27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards** ^(27 11 16)

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	81.96	27.30
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	46.80	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	163.92	54.60
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	93.60	

27 11 16 00-0004 Terminal Cabinets ^(27 11 16)

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	274.76	78.74
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	340.77	86.61
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	392.14	99.74
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	406.66	102.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 11 16 00-0009	EA 24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	487.33	104.99
27 11 16 00-0010	EA 26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	597.47	118.11
27 11 16 00-0011	EA 24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	608.97	115.48
27 11 16 00-0012	EA 30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	790.00	164.51
27 11 16 00-0013	EA 36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	847.49	180.79
27 11 16 00-0014	EA 42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,010.40	190.97
27 11 16 00-0015	EA 30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	834.37	157.48
27 11 16 00-0016	EA 36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	902.50	170.60
27 11 16 00-0017	EA 48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,128.14	218.69
27 11 16 00-0018	EA 54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,359.95	273.38
27 11 16 00-0019	EA 48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,522.62	270.34
27 11 16 00-0020	EA 60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,757.94	328.92

27 11 16 00-0021 Equipment Racks And Cable Managers (27 11 16)
27 11 16 00-0022 Equipment Racks (27 11 16 00-0021)

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks (27 11 16 00-0022)
27 11 16 00-0024 19" Width, Standard Equipment Racks (27 11 16 00-0023)

27 11 16 00-0025	EA 84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	517.83	167.98
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	9.09	
27 11 16 00-0026	EA 96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	715.87	178.48
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.95	
27 11 16 00-0027	EA 108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	773.12	188.97
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	19.76	

27 11 16 00-0028 Universal Equipment Racks (27 11 16 00-0022)
27 11 16 00-0029 Universal Equipment Racks (27 11 16 00-0028)
27 11 16 00-0030 19" Width, EIA Universal Equipment Racks (27 11 16 00-0029)

27 11 16 00-0031	EA 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	670.08	146.98
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	18.81	
27 11 16 00-0032	EA 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	731.69	149.60
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.62	
27 11 16 00-0033	EA 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	730.87	152.23
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.32	
27 11 16 00-0034	EA 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	749.58	154.85
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.99	
27 11 16 00-0035	EA 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	768.09	157.48
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.66	
27 11 16 00-0036	EA 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	788.11	160.10
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	23.40	
27 11 16 00-0037	EA 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	672.81	162.73
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.37	
27 11 16 00-0038	EA 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	827.03	165.35
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.82	
27 11 16 00-0039	EA 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	856.14	167.98
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	26.01	
27 11 16 00-0040	EA 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	881.58	170.60
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	27.02	
27 11 16 00-0041	EA 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	887.85	173.23
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	27.07	

27 11 16 00-0042 23" Width, Universal Equipment Racks (27 11 16 00-0029)

27 11 16 00-0043	EA 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	708.68	146.98
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.74	
27 11 16 00-0044	EA 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	733.12	149.60
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.70	
27 11 16 00-0045	EA 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	754.64	152.23
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.51	
27 11 16 00-0046	EA 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	794.79	154.85
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.25	
27 11 16 00-0047	EA 72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	814.63	157.48
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.98	
27 11 16 00-0048	EA 78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	836.19	160.10
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	25.80	
27 11 16 00-0049	EA 84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	721.44	162.73
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	19.80	
27 11 16 00-0050	EA 90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	878.05	165.35
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	27.37	
27 11 16 00-0051	EA 96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	909.58	167.98
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	28.68	
27 11 16 00-0052	EA 102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	937.13	170.60
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.80	
27 11 16 00-0053	EA 108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	943.49	173.23
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.85	

27 11 16 00-0054 35" Width, Universal Equipment Racks (27 11 16 00-0029)

27 11 16 00-0055	EA 72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	880.05	157.48
	<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	28.25	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0056	EA		84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	926.61 30.06	162.73
27 11 16 00-0057			UL Listed Universal Equipment Racks (27 11 16 00-0028) Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058			19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0059	EA		36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	707.70 20.69	146.98
27 11 16 00-0060	EA		48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	764.61 23.27	149.60
27 11 16 00-0061	EA		60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	776.34 23.59	152.23
27 11 16 00-0062	EA		66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	793.60 24.19	154.85
27 11 16 00-0063	EA		72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	813.39 24.92	157.48
27 11 16 00-0064	EA		78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	834.90 25.73	160.10
27 11 16 00-0065	EA		84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	855.57 26.51	162.73
27 11 16 00-0066	EA		90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	876.69 27.30	165.35
27 11 16 00-0067	EA		96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	908.18 28.61	167.98
27 11 16 00-0068	EA		102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	935.65 29.72	170.60
27 11 16 00-0069	EA		108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	941.95 29.78	173.23
27 11 16 00-0070			23" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0071	EA		36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	750.19 22.81	146.98
27 11 16 00-0072	EA		48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	822.23 26.15	149.60
27 11 16 00-0073	EA		60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	832.74 26.41	152.23
27 11 16 00-0074	EA		66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	843.29 26.68	154.85
27 11 16 00-0075	EA		72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	864.58 27.48	157.48
27 11 16 00-0076	EA		78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	887.79 28.38	160.10
27 11 16 00-0077	EA		84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	910.02 29.23	162.73
27 11 16 00-0078	EA		90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	932.77 30.10	165.35
27 11 16 00-0079	EA		96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	966.93 31.55	167.98
27 11 16 00-0080	EA		102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	996.73 32.78	170.60
27 11 16 00-0081	EA		108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,003.28 32.84	173.23
27 11 16 00-0082			4-Post Equipment Racks And Server Frames (27 11 16 00-0022)		
27 11 16 00-0083			4-Post Equipment Racks (27 11 16 00-0082)		
27 11 16 00-0084	EA		19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,428.83 45.20	262.46
27 11 16 00-0085	EA		19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,559.52 50.68	272.96
27 11 16 00-0086	EA		19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,682.82 55.80	283.46
27 11 16 00-0087			4-Post Server Frame (27 11 16 00-0082)		
27 11 16 00-0088	EA		19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,468.58 47.18	262.46
27 11 16 00-0089			Cable Managers (27 11 16 00-0021)		
27 11 16 00-0090			Horizontal Cable Managers (27 11 16 00-0089)		
27 11 16 00-0091			Single-Sided, Horizontal Cable Managers (27 11 16 00-0090)		
27 11 16 00-0092	EA		1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719).....	82.52	10.50
27 11 16 00-0093	EA		1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723).....	91.85	10.50
27 11 16 00-0094	EA		1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701).....	68.95	10.50
27 11 16 00-0095	EA		2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719).....	83.92	10.50
27 11 16 00-0096	EA		2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723).....	98.37	10.50
27 11 16 00-0097	EA		2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702).....	76.32	10.50
27 11 16 00-0098	EA		3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719).....	113.02	10.50
27 11 16 00-0099	EA		3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723).....	128.61	10.50
27 11 16 00-0100	EA		3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703).....	91.08	10.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 11 16 00-0101	Double-Sided, Horizontal Cable Managers (27 11 16 00-0090)	
27 11 16 00-0102	EA 1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	102.40
27 11 16 00-0103	EA 1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	114.70
27 11 16 00-0104	EA 2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	107.73
27 11 16 00-0105	EA 2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	125.34
27 11 16 00-0106	EA 3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	139.30
27 11 16 00-0107	EA 3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	155.96

27 11 16 00-0108	Vertical Cable Managers (27 11 16 00-0089)	
27 11 16 00-0109	Single-Sided, Vertical Cable Managers (27 11 16 00-0108)	
27 11 16 00-0110	EA 3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	184.56
27 11 16 00-0111	EA 6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	260.17
27 11 16 00-0112	EA 10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	418.76
27 11 16 00-0113	EA 12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	474.09
27 11 16 00-0114	EA 3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	197.47
27 11 16 00-0115	EA 6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	280.45
27 11 16 00-0116	EA 10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	455.65
27 11 16 00-0117	EA 12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	510.97
27 11 16 00-0118	EA 3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	223.29
27 11 16 00-0119	EA 6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	308.12
27 11 16 00-0120	EA 10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	510.97
27 11 16 00-0121	EA 12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	566.29

27 11 16 00-0122	Double-Sided, Vertical Cable Managers (27 11 16 00-0108)	
27 11 16 00-0123	EA 3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	267.55
27 11 16 00-0124	EA 6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	315.49
27 11 16 00-0125	EA 10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	510.97
27 11 16 00-0126	EA 12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	603.17
27 11 16 00-0127	EA 3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	289.68
27 11 16 00-0128	EA 6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	337.62
27 11 16 00-0129	EA 10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	547.85
27 11 16 00-0130	EA 12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	640.06
27 11 16 00-0131	EA 3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	319.18
27 11 16 00-0132	EA 6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	367.13
27 11 16 00-0133	EA 10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	603.17
27 11 16 00-0134	EA 12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	695.38

27 11 16 00-0135	Accessories For Vertical Cable Managers (27 11 16 00-0108)	
27 11 16 00-0136	EA Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	113.21
27 11 16 00-0137	EA Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	120.58
27 11 16 00-0138	EA Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	127.96
27 11 16 00-0139	EA Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	116.89
27 11 16 00-0140	EA Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	127.96
27 11 16 00-0141	EA Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	139.02
27 11 16 00-0142	EA Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	131.65
27 11 16 00-0143	EA Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	142.71
27 11 16 00-0144	EA Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	153.78
27 11 16 00-0145	EA Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	139.02
27 11 16 00-0146	EA Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	153.78
27 11 16 00-0147	EA Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	164.84
27 11 16 00-0148	EA Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	94.76
27 11 16 00-0149	EA Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	109.52
27 11 16 00-0150	EA Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	114.50
27 11 16 00-0151	EA Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	72.64

27 11 19 Communications Termination Blocks And Patch Panels (27 11)

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001	Computer Network Components (27 11 19)	
27 11 19 00-0002	Ethernet Patch Panels (27 11 19 00-0001)	
27 11 19 00-0003	EA 12 Port, Category 5E Patch Panel	209.29
27 11 19 00-0004	EA 24 Port, Category 5E Patch Panel	298.29
27 11 19 00-0005	EA 32 Port, Category 5E Patch Panel	382.50
27 11 19 00-0006	EA 48 Port, Category 5E Patch Panel	460.97
27 11 19 00-0007	EA 64 Port, Category 5E Patch Panel	608.61
27 11 19 00-0008	EA 96 Port, Category 5E Patch Panel	842.64
27 11 19 00-0009	EA 12 Port, Category 6 Patch Panel	252.36
27 11 19 00-0010	EA 24 Port, Category 6 Patch Panel	304.03
27 11 19 00-0011	EA 48 Port, Category 6 Patch Panel	503.07
27 11 19 00-0012	EA 96 Port, Category 6 Patch Panel	923.02
27 11 19 00-0013	EA 16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	495.07
27 11 19 00-0014	EA 16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	524.75
27 11 19 00-0015	EA 12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	217.89
27 11 19 00-0016	EA Terminate One End Of A 4 Pair Cable To Category "X" Specifications	37.20
	For >5 To 10 Cables, Deduct	-6.70
	For >10 Cables, Deduct	-14.88

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0017	EA		Terminate One End Of A Twisted Pair Of Wires..... Note: Per each pair For >20 To 40 Pairs, Deduct For >40 Pairs, Deduct	10.23 -1.64 -3.89	
27 11 19 00-0018			Fiber Optic Cable Patch Panels And Enclosures (27 11 19 00-0001)		
27 11 19 00-0019			Fiber Optic Cable Connector Housings (27 11 19 00-0018)		
27 11 19 00-0020			Wall Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019) Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0021	EA		1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	111.18	23.62
27 11 19 00-0022	EA		2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	160.95	23.62
27 11 19 00-0023	EA		4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	234.58	23.62
27 11 19 00-0024	EA		6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	348.07	39.37
27 11 19 00-0025	EA		12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	479.17	39.37
27 11 19 00-0026			Rack Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019) Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0027	EA		2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	361.51	39.37
27 11 19 00-0028	EA		4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	411.49	39.37
27 11 19 00-0029	EA		6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	442.06	39.37
27 11 19 00-0030	EA		12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	515.93	39.37
27 11 19 00-0031			Rack Mount, Fiber Optic Cable Pretium® Connector Housings (27 11 19 00-0019) Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0032	EA		2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	447.17	39.37
			For Splice Tray Bracket, Add	46.24	
27 11 19 00-0033	EA		4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	521.52	39.37
			For Splice Tray Bracket, Add	50.56	
27 11 19 00-0034	EA		12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	646.82	39.37
			For Splice Tray Bracket, Add	184.21	
27 11 19 00-0035			Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings (27 11 19 00-0019) Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0036	EA		8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	563.80	39.37
27 11 19 00-0037	EA		12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	717.10	39.37
27 11 19 00-0038	EA		24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	810.02	39.37
27 11 19 00-0039	EA		48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,047.02	39.37
27 11 19 00-0040			Wall Mount, Fiber Optic Cable Industrial Connector Housings (27 11 19 00-0019) Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0041	EA		2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	499.41	23.62
27 11 19 00-0042	EA		6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	693.14	39.37
27 11 19 00-0043	EA		12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	726.71	39.37
27 11 19 00-0044			Wall Mount, Fiber Optic Cable Environmental Connector Housings (27 11 19 00-0019) Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA		2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	522.61	23.62
27 11 19 00-0046	EA		6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	692.73	39.37
27 11 19 00-0047	EA		12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	811.49	39.37
27 11 19 00-0048			Fiber Optic Cable Connector Panels (27 11 19 00-0018)		
27 11 19 00-0049			SC Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0050	EA		6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	69.43	5.25
27 11 19 00-0051	EA		6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	75.19	5.25
27 11 19 00-0052	EA		8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	84.13	5.25
27 11 19 00-0053	EA		8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	91.81	5.25
27 11 19 00-0054	EA		12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	113.56	5.25
27 11 19 00-0055	EA		12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	125.05	5.25
27 11 19 00-0056			SC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0057	EA		6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	66.88	5.25
27 11 19 00-0058	EA		6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	68.23	5.25
27 11 19 00-0059	EA		8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	80.76	5.25
27 11 19 00-0060	EA		8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	82.56	5.25
27 11 19 00-0061	EA		12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	108.50	5.25
27 11 19 00-0062	EA		12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	111.17	5.25
27 11 19 00-0063			LC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 11 19 00-0064	EA		6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	72.08	5.25
27 11 19 00-0065	EA		6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	78.87	5.25
27 11 19 00-0066	EA		8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	87.66	5.25
27 11 19 00-0067	EA		8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	96.72	5.25
27 11 19 00-0068	EA		12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	118.87	5.25
27 11 19 00-0069	EA		12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	132.43	5.25
27 11 19 00-0070	EA		16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	150.06	5.25
27 11 19 00-0071	EA		16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	168.13	5.25
27 11 19 00-0072	EA		24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	212.43	5.25
27 11 19 00-0073	EA		24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	218.72	5.25
27 11 19 00-0074			ST Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0075	EA		6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	58.02	5.25
27 11 19 00-0076	EA		6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	62.38	5.25
27 11 19 00-0077	EA		8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	68.93	5.25
27 11 19 00-0078	EA		8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	74.75	5.25
27 11 19 00-0079	EA		12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	90.73	5.25
27 11 19 00-0080	EA		12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	99.46	5.25
27 11 19 00-0081			MT-RJ, Fiber Optic Cable Connector Panels (27 11 19 00-0048)		
27 11 19 00-0082	EA		12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel.....	71.67	5.25
27 11 19 00-0083	EA		12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel.....	106.33	5.25
27 11 19 00-0084			Fiber Optic Cable Pretium Edge® Modules (27 11 19 00-0048)		
27 11 19 00-0085	EA		12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	603.10	5.25
27 11 19 00-0086	EA		12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	605.19	5.25
27 11 19 00-0087			Fiber Optic Cable Splice Housings (27 11 19 00-0018)		
27 11 19 00-0088			Wall Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0087)		
			Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA		12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door.....	259.37	52.49
27 11 19 00-0090			Rack Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0087)		
			Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA		12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	374.49	39.37
27 11 19 00-0092	EA		22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	379.90	39.37
27 11 19 00-0093			Fiber Optic Cable Splice Trays (27 11 19 00-0087)		
27 11 19 00-0094	EA		Fiber Optic Cable Splice Tray.....	73.49	13.12
27 11 19 00-0095			Fiber Optic Cable Jumper Management Panels (27 11 19 00-0018)		
			Note: Includes mounting hardware.		
27 11 19 00-0096	EA		Rack Mount, Fiber Optic Cable Jumper Management Panel.....	147.76	39.37
27 11 19 00-0097			Miscellaneous Accessories (27 11 19 00-0001)		
27 11 19 00-0098	EA		Wall Mount Bracket For 12 Or 24 Port Patch Panel.....	54.25	
27 11 19 00-0099	EA		Wall Mount Bracket For 32 Or 48 Port Patch Panel.....	71.64	
27 11 19 00-0100	EA		Wall Mount Bracket For 64 Or 72 Port Patch Panel.....	78.63	
27 11 19 00-0101	EA		Wall Mount Bracket For 96 Port Patch Panel.....	87.81	
27 11 19 00-0102	EA		Lightning Protection Plus Stainless Steel Modules, Siemon.....	339.63	52.49
27 11 19 00-0103			Telephone Components (27 11 19)		
27 11 19 00-0104			Terminal Blocks With Wide Range Of 22-8 AWG (27 11 19 00-0103)		
27 11 19 00-0105	EA		Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG.....	28.09	10.51
27 11 19 00-0106	EA		Terminal Block, Fuse Holder 600 Volt, 6.3 Amp With Wire Range 22-8 AWG.....	47.35	10.51
27 11 19 00-0107	EA		Terminal Block, Fuse Holder 600 Volt, 10 Amp With Wire Range 22-8 AWG.....	39.47	10.51
27 11 19 00-0108	EA		Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG.....	22.70	10.51
27 11 19 00-0109	EA		Flat Terminal Block Connection With Wire Range 22-8 AWG.....	16.18	7.36
27 11 19 00-0110	EA		Ground Terminal Block With Wire Range 22-8 AWG.....	28.93	10.51
27 11 19 00-0111	EA		Terminal Block, Solderless Box With Lug 600 Volt, 60 Amp With Wire Range 22-8 AWG.....	22.70	10.51
27 11 19 00-0112	EA		Terminal Block, Mini Box Lug 300 Volt, 30 Amp With Wire Range 22-8 AWG.....	16.06	7.36
27 11 19 00-0113	EA		Flat Terminal Block Connection 300 Volt, 20 Amp With Wire Range 22-8 AWG.....	15.97	7.36
27 11 19 00-0114	EA		Self Lifting Terminal Block, 300 Volt, 40 Amp Wire Connection With Wire Range 22-12 AWG.....	16.36	7.36
27 11 19 00-0115			Terminal Block Mounting Channel (27 11 19 00-0103)		
27 11 19 00-0116	EA		Terminal Block Mounting Channel, .5 M Galvanized Steel.....	14.65	5.26
27 11 19 00-0117	EA		Terminal Block Mounting Channel, 1 M Galvanized Steel.....	18.06	5.26
27 11 19 00-0118	EA		Terminal Block Mounting Channel, 2 M Galvanized Steel.....	23.93	5.26
27 11 19 00-0119	EA		Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc.....	18.29	6.31
27 11 19 00-0120	EA		Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc.....	23.89	6.31
27 11 19 00-0121	EA		Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc.....	32.91	6.31

27 Communications
27 10 Structured Cabling
27 11 Communications Equipment Room Fittings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 11 19 00-0122		Outlet Termination Hardware (27 11 19 00-0103)			
27 11 19 00-0123	EA	Telephone Outlet Blocks.....	25.09		5.26
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box.....	85.89		39.89
		Note: Excludes box.			
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead.....	68.11		23.62
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead.....	68.11		23.62
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male.....	41.07		15.75
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	96.84		26.25
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	96.84		26.25
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	113.36		26.25
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	113.36		26.25
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector.....	104.67		26.25
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5.....	846.84		131.23
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V.....	46.39		10.50
		Note: Excludes cable terminations.			
27 11 19 00-0135	EA	5-Pair, Connecting Block.....	2.92		1.05
27 11 19 00-0136	EA	4-Pair, Connecting Block.....	3.11		1.05
27 11 19 00-0137	EA	Plastic Label Holder, Transparent.....	12.03		2.62
27 11 19 00-0138	EA	Marked Label, White, 5-Pair.....	3.42		
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair.....	3.42		

27 11 19 00-0140		Terminations in Manhole or Junction Box (27 11 19 00-0103)			
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box.....	167.98		
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box.....	335.95		
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box.....	671.91		
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box.....	1,007.86		
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box.....	1,178.98		
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box.....	1,767.95		
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box.....	2,223.59		
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box.....	2,780.01		
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box.....	4,170.00		
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box.....	5,057.10		
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box.....	5,763.74		

27 11 23 Communications Cable Management and Ladder Rack (27 11)

27 11 23 00-0001		Equipment Supports (27 11 23)			
27 11 23 00-0002	EA	110 Jumper Trough (Commscope 107831133).....	29.41		5.25
27 11 23 00-0003	LF	Velcro CMP.....	2.47		1.05
27 11 23 00-0004	EA	12" x 5'-11" Tubular Runway.....	87.48		25.19
27 11 23 00-0005	EA	12" x 9'-11" Tubular Runway.....	151.01		41.99
27 11 23 00-0006	EA	Shelf Bracket Support For Tubular Runway.....	27.83		7.87
27 11 23 00-0007	EA	Straight Clamp Hardware For Tubular Runway.....	13.00		5.25
27 11 23 00-0008	EA	Corner Clamp Hardware For Tubular Runway.....	13.62		5.25
27 11 23 00-0009	EA	90 Degree Edge Clamp Hardware For Tubular Runway.....	29.73		9.45
27 11 23 00-0010	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway.....	60.79		15.75
27 11 23 00-0011	EA	J-Bolt Hardware For Tubular Runway.....	5.97		2.31
27 11 23 00-0012	EA	T Bracket Hardware For Tubular Runway.....	32.61		13.12

27 13 Communications Backbone Cabling (27 10)

27 13 13 Communications Copper Backbone Cabling (27 13)

27 13 13 13 Communications Copper Cable Splicing and Terminations (27 13 13)

27 13 13 13-0001		Modular Plugs For Copper Communications Cable (27 13 13 13)			
27 13 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable.....	24.51		
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.			
		For >5 To 10, Deduct	-3.14		
		For >10, Deduct	-6.29		
27 13 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable.....	27.88		
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.			
		For >5 To 10, Deduct	-3.54		
		For >10, Deduct	-7.07		

27 13 13 13-0004		Communications Termination Blocks (27 13 13 13)			
27 13 13 13-0005	EA	100-Pair, 110 Block With Legs.....	44.20		13.12
27 13 13 13-0006	EA	300-Pair, 110 Block With Legs.....	70.31		13.12
27 13 13 13-0007	EA	Clear Label Holder For 110 Wiring Block.....	11.01		5.25
27 13 13 13-0008	EA	4-Pair, 110C Connecting Block.....	6.04		2.62
27 13 13 13-0009	EA	5-Pair, 110C Connecting Block.....	6.14		2.62
27 13 13 13-0010	EA	100-Pair, 110 Jack Panel System.....	211.39		15.75
		Note: Includes twelve 8-pin modular jacks and mounting legs.			
27 13 13 13-0011	EA	300-Pair, 110 Jack Panel System.....	488.59		15.75
		Note: Includes twelve 8-pin modular jacks and mounting legs.			

27 13 13 13-0012		Testing And Certification Of Copper Communications Cable (27 13 13 13)			
		Note: Use for existing systems.			
27 13 13 13-0013	EA	Test 1-Pair Of A Copper Communications Cable For Continuity.....	5.25		
		For >25-Pair, Deduct	-2.10		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 13 13 13-0014	EA			Certify 1-Pair Of A Copper Communications Cable.....	7.87	
				<i>For >25-Pair, Deduct</i>	-3.14	
27 13 13 13-0015	EA			Certify And Document 1-Pair Of A Copper Communications Cable.....	12.60	
				<i>For >25-Pair, Deduct</i>	-5.03	
27 13 13 13-0016	EA			Test 4-Pair Cat 5-7 Telecommunications Cable For Continuity.....	21.00	
				<i>For >25-Pair, Deduct</i>	-8.38	
27 13 13 13-0017	EA			Certify 4-Pair Cat 5-7 Telecommunications Cable.....	31.50	
				<i>For >25-Pair, Deduct</i>	-12.58	
27 13 13 13-0018	EA			Certify And Document 4-Pair Cat 5-7 Telecommunications Cable.....	50.39	
				<i>For >25-Pair, Deduct</i>	-20.12	

27 13 13 13-0019 Building Entrance Terminals (27 13 13 13)

27 13 13 13-0020	EA			25 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,715.19	230.15
27 13 13 13-0021	EA			50 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	2,341.55	383.58
27 13 13 13-0022	EA			100 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	3,367.58	614.22

27 13 23 Communications Optical Fiber Backbone Cabling (27 13)

27 13 23 13 Communications Optical Fiber Splicing And Terminations (27 13 23)

27 13 23 13-0001 Fiber Optic Cable Splice Closures (27 13 23 13)

Note: Includes mounting hardware. Excludes splicing and splice trays.

27 13 23 13-0002	EA			Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	635.14	104.99
27 13 23 13-0003	EA			Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	845.11	209.97
27 13 23 13-0004	EA			Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	845.11	209.97
27 13 23 13-0005	EA			Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	1,019.85	104.99
27 13 23 13-0006	EA			Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,229.82	209.97
27 13 23 13-0007	EA			Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,229.82	209.97
27 13 23 13-0008	EA			Splice Tray For Fiber Optic Cable Splice Closure.....	47.68	13.12

Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.

27 13 23 13-0009 Fiber Optic Cable Splicing (27 13 23 13)

27 13 23 13-0010	EA			Single Strand, Fusion Splice Of Fiber Optic Cable.....	31.50	
27 13 23 13-0011	EA			12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	104.99	

27 13 23 13-0012 Fiber Optic Cable Testing (27 13 23 13)

Note: Price based on testing one wavelength.

27 13 23 13-0013 Fiber Optic Cable Testing Using An OTDR (27 13 23 13-0012)

Note: Testing using an optical time domain reflectometer.

27 13 23 13-0014	EA			Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test.....	21.00	
				<i>For >12 To 48 Strands, Deduct</i>	-1.58	
				<i>For >48 Strands, Deduct</i>	-2.10	
27 13 23 13-0015	EA			Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test.....	31.50	
				<i>For >12 To 48 Strands, Deduct</i>	-2.36	
				<i>For >48 Strands, Deduct</i>	-3.15	
27 13 23 13-0016	EA			Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation.....	52.49	
				<i>For >12 To 48 Strands, Deduct</i>	-3.94	
				<i>For >48 Strands, Deduct</i>	-5.25	
27 13 23 13-0017	EA			Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation.....	78.74	
				<i>For >12 To 48 Strands, Deduct</i>	-5.91	
				<i>For >48 Strands, Deduct</i>	-7.87	

27 13 23 13-0018 Fiber Optic Cable Testing Using A Power Meter (27 13 23 13-0012)

27 13 23 13-0019	EA			Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test.....	21.00	
				<i>For >12 To 48 Strands, Deduct</i>	-1.58	
				<i>For >48 Strands, Deduct</i>	-2.10	
27 13 23 13-0020	EA			Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test.....	31.50	
				<i>For >12 To 48 Strands, Deduct</i>	-2.36	
				<i>For >48 Strands, Deduct</i>	-3.15	

27 13 23 13-0021 Fiber Optic Cable Light Source/Continuity Testing (27 13 23 13-0012)

27 13 23 13-0022	EA			Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test.....	21.00	
				<i>For >12 To 48 Strands, Deduct</i>	-1.58	
				<i>For >48 Strands, Deduct</i>	-2.10	

27 13 23 13-0023 Other Fiber Optic Cable Splicing (27 13 23 13)

27 13 23 13-0024	EA			Fiber Optic Finger Splice.....	34.37	19.73
27 13 23 13-0025	EA			Fiber Optic Splice Box - Manholes.....	4,641.95	

27 13 23 13-0026 Fiber Optic Cable Fan Out Kits (27 13 23 13)

27 13 23 13-0027 Buffer Tube Fan Out Kits For Fiber Optic Cable (27 13 23 13-0026)

27 13 23 13-0028	EA			6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	223.69	
27 13 23 13-0029	EA			12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	226.31	
27 13 23 13-0030	EA			6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	248.44	
27 13 23 13-0031	EA			12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	265.03	

27 Communications**27 10 Structured Cabling****27 13 Communications Backbone Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 13 23 13-0032		Spider Fan Out Kits For Fiber Optic Cable <small>(27 13 23 13-0026)</small>		
		Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0033	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	255.96	
27 13 23 13-0034	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	273.55	
27 13 23 13-0035	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	401.53	
27 13 23 13-0036	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	524.10	

27 15 Communications Horizontal Cabling (27 10)**27 15 01 Communications Horizontal Cabling Applications** (27 15)**27 15 01 15 Access Control Communications Conductors And Cables** (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable.

27 15 01 16 Voice Communications Horizontal Cabling (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 19 Fire Alarm Communications Conductors And Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001		Fire Alarm/Life Safety Cable <small>(27 15 01 19)</small>		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0002)</small>		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,568.97	714.32
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,862.96	740.15
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,787.88	811.95
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,250.85	840.94
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,042.96	908.97
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,698.39	941.72
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,558.89	1,039.36
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,570.84	1,076.41
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0002)</small>		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,759.51	1,428.85
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,096.54	1,480.30
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,141.14	1,624.12
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,652.40	1,681.86
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,557.90	1,818.34
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,267.93	1,883.44
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,291.15	2,078.71
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,365.04	2,153.25
27 15 01 19-0021		Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0001)</small>		
27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,056.58	584.56
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,130.13	605.35
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,286.86	714.32
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,356.53	727.23
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,400.91	740.15
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,537.24	765.97

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 01 19-0028	MLF	8	Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,727.61	791.80
	27 15 01 19-0029	MLF	2	Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,491.39	811.95
	27 15 01 19-0030	MLF	4	Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,643.66	840.94
	27 15 01 19-0031	MLF	2	Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,712.91	908.97
	27 15 01 19-0032	MLF	4	Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,944.92	941.72
	27 15 01 19-0033	MLF	2	Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,057.91	1,039.36
	27 15 01 19-0034	MLF	4	Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,424.80	1,076.41
	27 15 01 19-0035			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
	27 15 01 19-0036			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0035)</small>		
	27 15 01 19-0037	MLF	2	Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,050.10	584.56
	27 15 01 19-0038	MLF	2	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,282.65	714.32
	27 15 01 19-0039	MLF	3	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,397.20	727.23
	27 15 01 19-0040	MLF	4	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,412.17	740.15
	27 15 01 19-0041	MLF	6	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,596.02	765.97
	27 15 01 19-0042	MLF	2	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,485.03	811.95
	27 15 01 19-0043	MLF	4	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,657.93	840.94
	27 15 01 19-0044	MLF	2	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,684.28	908.97
	27 15 01 19-0045	MLF	4	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,058.69	941.72
	27 15 01 19-0046	MLF	2	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,048.55	1,039.36
	27 15 01 19-0047	MLF	4	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,597.52	1,076.41
	27 15 01 19-0048			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0035)</small>		
	27 15 01 19-0049	MLF	2	Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,024.37	1,169.54
	27 15 01 19-0050	MLF	2	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,473.19	1,428.85
	27 15 01 19-0051	MLF	3	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,608.73	1,454.05
	27 15 01 19-0052	MLF	4	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,645.75	1,480.30
	27 15 01 19-0053	MLF	6	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,872.63	1,531.74
	27 15 01 19-0054	MLF	2	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,838.29	1,624.12
	27 15 01 19-0055	MLF	4	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,059.48	1,681.86
	27 15 01 19-0056	MLF	2	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,199.22	1,818.34
	27 15 01 19-0057	MLF	4	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,628.23	1,883.44
	27 15 01 19-0058	MLF	2	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,780.81	2,078.71
	27 15 01 19-0059	MLF	4	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,391.72	2,153.25
	27 15 01 19-0060			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
	27 15 01 19-0061			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0060)</small>		
	27 15 01 19-0062	MLF	2	Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,076.77	584.56
	27 15 01 19-0063	MLF	2	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,301.70	714.32
	27 15 01 19-0064	MLF	3	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,467.90	727.23
	27 15 01 19-0065	MLF	4	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,431.66	740.15
	27 15 01 19-0066	MLF	6	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,615.95	765.97

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01	19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,528.80	811.95
27 15 01	19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,678.17	840.94
27 15 01	19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,778.68	908.97
27 15 01	19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,011.36	941.72
27 15 01	19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,118.41	1,039.36
27 15 01	19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,453.80	1,076.41
27 15 01 19-0073 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0060)					
27 15 01	19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,051.04	1,169.54
27 15 01	19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,492.24	1,428.85
27 15 01	19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,679.43	1,454.05
27 15 01	19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,665.24	1,480.30
27 15 01	19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,892.56	1,531.74
27 15 01	19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,882.06	1,624.12
27 15 01	19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,079.72	1,681.86
27 15 01	19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,293.62	1,818.34
27 15 01	19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,580.90	1,883.44
27 15 01	19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,850.67	2,078.71
27 15 01	19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,248.00	2,153.25
27 15 01 19-0085 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)					
27 15 01 19-0086 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0085)					
27 15 01	19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,058.31	584.56
27 15 01	19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,323.45	714.32
27 15 01	19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,410.90	727.23
27 15 01	19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,485.03	740.15
27 15 01	19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,646.60	765.97
27 15 01	19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,521.84	811.95
27 15 01	19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,740.13	840.94
27 15 01	19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,765.09	908.97
27 15 01	19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,149.51	941.72
27 15 01	19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,100.93	1,039.36
27 15 01 19-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0085)					
27 15 01	19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,032.58	1,169.54
27 15 01	19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,513.99	1,428.85
27 15 01	19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,622.43	1,454.05
27 15 01	19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,718.61	1,480.30
27 15 01	19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,923.21	1,531.74
27 15 01	19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,875.10	1,624.12
27 15 01	19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,141.68	1,681.86
27 15 01	19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,280.03	1,818.34
27 15 01	19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,719.05	1,883.44

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 01 19-0107	MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,833.19	2,078.71
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27 15 13 Communications Copper Horizontal Cabling (27 15)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001	Copper Telecommunications Cable (27 15 13)		
27 15 13 00-0002	Indoor Telecommunications Cable (27 15 13 00-0001) Note: Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.		
27 15 13 00-0003	Category 3, Indoor Telecommunications Cable (27 15 13 00-0002) Note: Un-shielded twisted pair cables (UTP).		
27 15 13 00-0004	Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0003)		
27 15 13 00-0005	24 AWG, Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0004)		
27 15 13 00-0006	24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0005)		
27 15 13 00-0007	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	796.95	440.94
27 15 13 00-0008	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	823.43	440.94
27 15 13 00-0009	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	832.79	440.94
27 15 13 00-0010	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	990.46	503.93
27 15 13 00-0011	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,185.39	503.93
27 15 13 00-0012	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,494.91	503.93
27 15 13 00-0013	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,290.09	629.91
27 15 13 00-0014	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,071.00	1,007.86
27 15 13 00-0015	MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,388.06	1,133.84
27 15 13 00-0016	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	7,026.14	1,259.83
27 15 13 00-0017	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,234.22	1,763.76
27 15 13 00-0018	MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	13,342.84	2,179.50
27 15 13 00-0019	MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,911.71	3,023.58
27 15 13 00-0020	MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	34,577.29	6,047.16
27 15 13 00-0021	MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	47,466.48	9,070.74
27 15 13 00-0022	24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed (27 15 13 00-0005)		
27 15 13 00-0023	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,531.85	881.88
	<i>For Work In Restricted Working Space, Add</i>	<i>440.94</i>	
27 15 13 00-0024	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,558.33	881.88
	<i>For Work In Restricted Working Space, Add</i>	<i>440.94</i>	
27 15 13 00-0025	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,567.69	881.88
	<i>For Work In Restricted Working Space, Add</i>	<i>440.94</i>	
27 15 13 00-0026	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,620.38	881.88
	<i>For Work In Restricted Working Space, Add</i>	<i>440.94</i>	
27 15 13 00-0027	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,815.31	881.88
	<i>For Work In Restricted Working Space, Add</i>	<i>440.94</i>	
27 15 13 00-0028	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,334.80	1,007.86
	<i>For Work In Restricted Working Space, Add</i>	<i>503.93</i>	
27 15 13 00-0029	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,339.95	1,259.83
	<i>For Work In Restricted Working Space, Add</i>	<i>629.91</i>	
27 15 13 00-0030	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,910.88	1,511.79
	<i>For Work In Restricted Working Space, Add</i>	<i>755.90</i>	
27 15 13 00-0031	MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,332.93	1,700.76
	<i>For Work In Restricted Working Space, Add</i>	<i>850.38</i>	
27 15 13 00-0032	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	8,075.99	1,889.74
	<i>For Work In Restricted Working Space, Add</i>	<i>944.87</i>	
27 15 13 00-0033	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,704.02	2,645.63
	<i>For Work In Restricted Working Space, Add</i>	<i>1,322.82</i>	
27 15 13 00-0034	MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	15,169.58	3,275.55
	<i>For Work In Restricted Working Space, Add</i>	<i>1,637.77</i>	
27 15 13 00-0035	MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	23,431.35	4,535.37
	<i>For Work In Restricted Working Space, Add</i>	<i>2,267.68</i>	
27 15 13 00-0036	MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	39,616.59	9,070.74
	<i>For Work In Restricted Working Space, Add</i>	<i>4,535.37</i>	
27 15 13 00-0037	MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	55,025.43	13,606.11
	<i>For Work In Restricted Working Space, Add</i>	<i>6,803.06</i>	
27 15 13 00-0038	22 AWG, Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0004)		
27 15 13 00-0039	22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0038)		
27 15 13 00-0040	MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,265.84	503.93
27 15 13 00-0041	MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,313.38	629.91
27 15 13 00-0042	MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,978.53	1,007.86
27 15 13 00-0043	MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,348.68	1,259.83
27 15 13 00-0044	MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,175.33	1,763.76
27 15 13 00-0045	MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	19,706.88	2,179.50
27 15 13 00-0046	MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	29,112.72	3,023.58

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0047			22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0038)</small>		
27 15 13 00-0048	MLF		25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	3,105.73	1,007.86
			<i>For Work In Restricted Working Space, Add</i>	503.93	
27 15 13 00-0049	MLF		50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	4,363.24	1,259.83
			<i>For Work In Restricted Working Space, Add</i>	629.91	
27 15 13 00-0050	MLF		100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	6,818.41	1,511.79
			<i>For Work In Restricted Working Space, Add</i>	755.90	
27 15 13 00-0051	MLF		200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	11,398.53	1,889.74
			<i>For Work In Restricted Working Space, Add</i>	944.87	
27 15 13 00-0052	MLF		300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	16,645.13	2,645.63
			<i>For Work In Restricted Working Space, Add</i>	1,322.82	
27 15 13 00-0053	MLF		400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	21,533.62	3,275.55
			<i>For Work In Restricted Working Space, Add</i>	1,637.77	
27 15 13 00-0054	MLF		600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	31,632.36	4,535.37
			<i>For Work In Restricted Working Space, Add</i>	2,267.68	
27 15 13 00-0055			Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0003)</small>		
27 15 13 00-0056			24 AWG, Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0055)</small>		
27 15 13 00-0057			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0056)</small>		
27 15 13 00-0058	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	818.37	440.94
27 15 13 00-0059	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	844.74	440.94
27 15 13 00-0060	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	864.46	440.94
27 15 13 00-0061	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,026.03	503.93
27 15 13 00-0062	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,238.52	503.93
27 15 13 00-0063	MLF		25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,814.51	503.93
27 15 13 00-0064	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,940.76	629.91
27 15 13 00-0065	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	5,434.33	1,007.86
27 15 13 00-0066	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	9,162.56	1,259.83
27 15 13 00-0067	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	13,667.75	1,763.76
27 15 13 00-0068			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0056)</small>		
27 15 13 00-0069	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,553.27	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0070	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,579.64	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0071	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,599.36	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0072	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,655.95	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0073	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,868.44	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0074	MLF		25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	2,654.40	1,007.86
			<i>For Work In Restricted Working Space, Add</i>	503.93	
27 15 13 00-0075	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	3,990.62	1,259.83
			<i>For Work In Restricted Working Space, Add</i>	629.91	
27 15 13 00-0076	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	6,274.21	1,511.79
			<i>For Work In Restricted Working Space, Add</i>	755.90	
27 15 13 00-0077	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	10,212.41	1,889.74
			<i>For Work In Restricted Working Space, Add</i>	944.87	
27 15 13 00-0078	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	15,137.55	2,645.63
			<i>For Work In Restricted Working Space, Add</i>	1,322.82	
27 15 13 00-0079			Category 5E, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0080			Category 5E, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0079)</small>		
27 15 13 00-0081			Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0080)</small>		
27 15 13 00-0082	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	880.31	440.94
27 15 13 00-0083	MLF		4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	914.37	440.94
27 15 13 00-0084	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,020.00	503.93
27 15 13 00-0085	MLF		4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,054.05	503.93
27 15 13 00-0086			Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0080)</small>		
27 15 13 00-0087	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,615.21	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0088	MLF		4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,649.27	881.88
			<i>For Work In Restricted Working Space, Add</i>	440.94	
27 15 13 00-0089	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,859.89	1,007.86
			<i>For Work In Restricted Working Space, Add</i>	503.93	
27 15 13 00-0090	MLF		4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,893.94	1,007.86
			<i>For Work In Restricted Working Space, Add</i>	503.93	
27 15 13 00-0091			Category 5E, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0079)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0092			Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0091)</small>		
27 15 13 00-0093	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,005.56	440.94
27 15 13 00-0094	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,376.66	503.93
27 15 13 00-0095			Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0091)</small>		
27 15 13 00-0096	MLF		4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,740.46 <i>440.94</i>	881.88
27 15 13 00-0097	MLF		4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,216.55 <i>503.93</i>	1,007.86
27 15 13 00-0098			Category 6, Indoor Telecommunications Cable <small>(27 15 13 00-0092)</small>		
27 15 13 00-0099			Category 6, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0098)</small>		
27 15 13 00-0100			Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0099)</small>		
27 15 13 00-0101	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,245.08	440.94
27 15 13 00-0102	MLF		4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,302.13	440.94
27 15 13 00-0103			Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0099)</small>		
27 15 13 00-0104	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,979.98 <i>440.94</i>	881.88
27 15 13 00-0105	MLF		4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,037.03 <i>440.94</i>	881.88
27 15 13 00-0106			Category 6, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0098)</small>		
27 15 13 00-0107			Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0106)</small>		
27 15 13 00-0108	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,772.87	440.94
27 15 13 00-0109			Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0106)</small>		
27 15 13 00-0110	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,507.77 <i>440.94</i>	881.88
27 15 13 00-0111			Category 6a, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0112			Category 6a, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0111)</small>		
27 15 13 00-0113			Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0112)</small>		
27 15 13 00-0114	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,336.23	440.94
27 15 13 00-0115			Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0112)</small>		
27 15 13 00-0116	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,071.13 <i>440.94</i>	881.88
27 15 13 00-0117			Category 6a, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0111)</small>		
27 15 13 00-0118			Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0117)</small>		
27 15 13 00-0119	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	2,042.65	440.94
27 15 13 00-0120			Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0117)</small>		
27 15 13 00-0121	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,777.55 <i>440.94</i>	881.88
27 15 13 00-0122			Category 7, Indoor Telecommunications Cable <small>(27 15 13 00-0002)</small>		
27 15 13 00-0123			Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0122)</small>		
27 15 13 00-0124	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit.....	3,158.04	503.93
27 15 13 00-0125	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	6,498.64	503.93
27 15 13 00-0126			Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(27 15 13 00-0122)</small>		
27 15 13 00-0127	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,997.93 <i>503.93</i>	1,007.86
27 15 13 00-0128	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	7,338.53 <i>503.93</i>	1,007.86

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0129			Outdoor Telecommunications Cable (27 15 13 00-0001) Note: Cable buried in trench excludes excavation.		
27 15 13 00-0130			PE-89 Outdoor Telecommunications Cable (27 15 13 00-0129) Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0131			24 AWG, PE-89 Outdoor Telecommunications Cable (27 15 13 00-0130)		
27 15 13 00-0132			24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0131)		
27 15 13 00-0133	MLF		6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,385.87	503.93
27 15 13 00-0134	MLF		12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,616.81	881.88
27 15 13 00-0135	MLF		25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,219.28	566.92
27 15 13 00-0136	MLF		50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,271.99	629.91
27 15 13 00-0137	MLF		75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,633.93	881.88
27 15 13 00-0138	MLF		100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,788.09	1,007.86
27 15 13 00-0139	MLF		200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,685.55	1,133.84
27 15 13 00-0140	MLF		300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,225.79	1,637.77
27 15 13 00-0141	MLF		400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,837.80	2,141.70
27 15 13 00-0142	MLF		600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	25,578.90	2,897.60
27 15 13 00-0143	MLF		900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	40,912.28	5,795.20
27 15 13 00-0144	MLF		1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	56,193.63	8,566.81
27 15 13 00-0145			24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0131)		
27 15 13 00-0146	MLF		6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,228.40	
27 15 13 00-0147	MLF		12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,459.34	
27 15 13 00-0148	MLF		25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,009.31	
27 15 13 00-0149	MLF		50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,062.02	
27 15 13 00-0150	MLF		75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,318.97	
27 15 13 00-0151	MLF		100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,263.16	
27 15 13 00-0152	MLF		200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	9,475.58	
27 15 13 00-0153	MLF		300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,595.88	
27 15 13 00-0154	MLF		400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	17,525.48	
27 15 13 00-0155	MLF		600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	23,269.22	
27 15 13 00-0156	MLF		900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,613.17	
27 15 13 00-0157	MLF		1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	46,954.91	
27 15 13 00-0158			22 AWG, PE-89 Outdoor Telecommunications Cable (27 15 13 00-0130)		
27 15 13 00-0159			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0158)		
27 15 13 00-0160	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,532.68	503.93
27 15 13 00-0161	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,891.10	503.93
27 15 13 00-0162	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,780.73	566.92
27 15 13 00-0163	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,271.32	629.91
27 15 13 00-0164	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,195.61	881.88
27 15 13 00-0165	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,911.14	1,007.86
27 15 13 00-0166	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,781.21	1,133.84
27 15 13 00-0167	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,067.03	1,637.77
27 15 13 00-0168	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,712.31	2,141.70
27 15 13 00-0169	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	39,330.26	2,897.60
27 15 13 00-0170	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	58,279.12	5,795.20
27 15 13 00-0171	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	82,176.01	8,566.81
27 15 13 00-0172			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0158)		
27 15 13 00-0173	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,375.21	
27 15 13 00-0174	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,733.63	
27 15 13 00-0175	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,570.76	
27 15 13 00-0176	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,061.35	
27 15 13 00-0177	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,880.65	
27 15 13 00-0178	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,596.18	
27 15 13 00-0179	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,571.24	
27 15 13 00-0180	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	19,437.12	
27 15 13 00-0181	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,399.99	
27 15 13 00-0182	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	37,020.58	
27 15 13 00-0183	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	51,980.01	
27 15 13 00-0184	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	72,937.29	
27 15 13 00-0185			19 AWG, PE-89 Outdoor Telecommunications Cable (27 15 13 00-0130)		
27 15 13 00-0186			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0185)		
27 15 13 00-0187	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,511.59	566.92
27 15 13 00-0188	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,654.58	629.91
27 15 13 00-0189	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,213.80	881.88
27 15 13 00-0190	MLF		100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,612.40	1,007.86
27 15 13 00-0191			19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0185)		
27 15 13 00-0192	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,301.62	
27 15 13 00-0193	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,444.61	
27 15 13 00-0194	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,898.84	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0195	MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,297.44	
27 15 13 00-0196	PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0129)</small> Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0197	24 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0198	24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0197)</small>		
27 15 13 00-0199	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,036.43	881.88
27 15 13 00-0200	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,318.96	881.88
27 15 13 00-0201	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,888.95	881.88
27 15 13 00-0202	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,915.38	881.88
27 15 13 00-0203	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,997.15	881.88
27 15 13 00-0204	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,643.86	1,133.84
27 15 13 00-0205	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,532.97	1,637.77
27 15 13 00-0206	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	20,430.60	2,141.70
27 15 13 00-0207	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,904.50	2,897.60
27 15 13 00-0208	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	43,919.86	5,795.20
27 15 13 00-0209	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	63,994.07	8,566.81
27 15 13 00-0210	24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0197)</small>		
27 15 13 00-0211	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,721.47	
27 15 13 00-0212	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,004.00	
27 15 13 00-0213	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,573.99	
27 15 13 00-0214	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,600.42	
27 15 13 00-0215	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,682.19	
27 15 13 00-0216	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	10,433.89	
27 15 13 00-0217	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,903.06	
27 15 13 00-0218	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	19,118.28	
27 15 13 00-0219	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	25,594.82	
27 15 13 00-0220	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	37,620.75	
27 15 13 00-0221	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	54,755.35	
27 15 13 00-0222	22 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0223	22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0222)</small>		
27 15 13 00-0224	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,199.77	881.88
27 15 13 00-0225	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,614.93	881.88
27 15 13 00-0226	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,498.42	881.88
27 15 13 00-0227	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,123.72	881.88
27 15 13 00-0228	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,515.51	881.88
27 15 13 00-0229	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,490.39	1,133.84
27 15 13 00-0230	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,687.05	1,637.77
27 15 13 00-0231	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	29,083.31	2,141.70
27 15 13 00-0232	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,582.72	2,897.60
27 15 13 00-0233	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	64,448.83	5,795.20
27 15 13 00-0234	22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0222)</small>		
27 15 13 00-0235	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,884.81	
27 15 13 00-0236	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,299.97	
27 15 13 00-0237	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,183.46	
27 15 13 00-0238	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,808.76	
27 15 13 00-0239	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,200.55	
27 15 13 00-0240	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,280.42	
27 15 13 00-0241	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,057.14	
27 15 13 00-0242	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,770.99	
27 15 13 00-0243	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	38,273.04	
27 15 13 00-0244	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	58,149.72	
27 15 13 00-0245	19 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0196)</small>		
27 15 13 00-0246	19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0245)</small>		
27 15 13 00-0247	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,455.55	881.88
27 15 13 00-0248	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,751.87	881.88
27 15 13 00-0249	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,587.29	881.88
27 15 13 00-0250	19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0245)</small>		
27 15 13 00-0251	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,140.59	
27 15 13 00-0252	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,436.91	
27 15 13 00-0253	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,272.33	
27 15 13 00-0254	(Aerial) Outdoor Telecommunications Cable <small>(27 15 13 00-0129)</small> Note: Includes support wire.		
27 15 13 00-0255	24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 15 13 00-0254)</small>		
27 15 13 00-0256	MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,854.42	1,721.47

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 13 00-0257	MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,089.50	1,721.47
27 15 13 00-0258	MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,673.15	1,721.47
27 15 13 00-0259	MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,753.77	1,721.47
27 15 13 00-0260	MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,840.96	1,721.47
27 15 13 00-0261	MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	14,398.20	1,893.62
27 15 13 00-0262	MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	18,981.25	2,065.77
27 15 13 00-0263	22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles ⁽²⁷		
	^{15 13 00-0254)}		
27 15 13 00-0264	MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,135.67	1,721.47
27 15 13 00-0265	MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,482.98	1,721.47
27 15 13 00-0266	MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,319.52	1,721.47
27 15 13 00-0267	MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,972.17	1,721.47
27 15 13 00-0268	MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,773.42	1,721.47
27 15 13 00-0269	MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	19,539.37	1,893.62
27 15 13 00-0270	19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles ⁽²⁷		
	^{15 13 00-0254)}		
27 15 13 00-0271	MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,507.50	1,721.47
27 15 13 00-0272	MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,292.93	1,721.47
27 15 13 00-0273	MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,837.22	1,721.47
27 15 13 00-0274	MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,925.81	1,721.47
27 15 13 00-0275	MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	18,295.98	1,721.47
27 15 13 00-0276	Solid Conductor Low Voltage Cable ^(27 15 13)		
27 15 13 00-0277	Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
	Communications Cable, Installed In Conduit ^(27 15 13 00-0276)		
27 15 13 00-0278	#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
	Communications Cable, Installed In Conduit ^(27 15 13 00-0277)		
27 15 13 00-0279	MLF 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,089.98	949.37
	<i>For #10 AWG, Add</i>	483.98	
	<i>For Work In Restricted Working Space, Add</i>	474.72	
27 15 13 00-0280	MLF 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,575.35	982.94
	<i>For #10 AWG, Add</i>	636.83	
	<i>For Work In Restricted Working Space, Add</i>	491.61	
27 15 13 00-0281	MLF 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,000.21	1,017.46
	<i>For #10 AWG, Add</i>	769.68	
	<i>For Work In Restricted Working Space, Add</i>	508.58	
27 15 13 00-0282	MLF 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,450.22	1,051.98
	<i>For #10 AWG, Add</i>	910.58	
	<i>For Work In Restricted Working Space, Add</i>	526.15	
27 15 13 00-0283	MLF 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,936.80	1,122.94
	<i>For #10 AWG, Add</i>	1,055.77	
	<i>For Work In Restricted Working Space, Add</i>	561.64	
27 15 13 00-0284	MLF 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,380.02	1,192.94
	<i>For #10 AWG, Add</i>	1,186.87	
	<i>For Work In Restricted Working Space, Add</i>	596.63	
27 15 13 00-0285	MLF 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,742.50	1,334.87
	<i>For #10 AWG, Add</i>	1,275.86	
	<i>For Work In Restricted Working Space, Add</i>	667.31	
27 15 13 00-0286	MLF 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,289.76	1,759.69
	<i>For #10 AWG, Add</i>	1,694.43	
	<i>For Work In Restricted Working Space, Add</i>	879.68	
27 15 13 00-0287	MLF 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,366.44	2,598.78
	<i>For #10 AWG, Add</i>	2,528.00	
	<i>For Work In Restricted Working Space, Add</i>	1,299.05	
27 15 13 00-0288	#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And		
	Communications Cable, Installed In Conduit ^(27 15 13 00-0277)		
27 15 13 00-0289	MLF 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,868.75	830.46
	<i>For Work In Restricted Working Space, Add</i>	415.13	
27 15 13 00-0290	MLF 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,328.57	860.19
	<i>For Work In Restricted Working Space, Add</i>	430.09	
27 15 13 00-0291	MLF 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,730.33	889.92
	<i>For Work In Restricted Working Space, Add</i>	445.05	
27 15 13 00-0292	MLF 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,155.19	920.60
	<i>For Work In Restricted Working Space, Add</i>	460.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0293	MLF 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,610.63	
	For Work In Restricted Working Space, Add	491.37	982.94
27 15 13 00-0294	MLF 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,024.32	1,044.31
	For Work In Restricted Working Space, Add	521.87	
27 15 13 00-0295	MLF 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,352.67	1,168.01
	For Work In Restricted Working Space, Add	584.00	
27 15 13 00-0296	MLF 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,773.20	1,539.12
	For Work In Restricted Working Space, Add	769.56	
27 15 13 00-0297	MLF 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,601.78	2,273.70
	For Work In Restricted Working Space, Add	1,136.94	
27 15 13 00-0298 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)			
27 15 13 00-0299	MLF 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,663.16	741.27
	For Work In Restricted Working Space, Add	370.83	
27 15 13 00-0300	MLF 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,965.49	768.13
	For Work In Restricted Working Space, Add	384.06	
27 15 13 00-0301	MLF 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,422.27	794.97
	For Work In Restricted Working Space, Add	397.30	
27 15 13 00-0302	MLF 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,797.67	821.83
	For Work In Restricted Working Space, Add	411.11	
27 15 13 00-0303	MLF 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,199.60	877.45
	For Work In Restricted Working Space, Add	438.72	
27 15 13 00-0304	MLF 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,565.48	932.11
	For Work In Restricted Working Space, Add	466.05	
27 15 13 00-0305	MLF 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,710.91	987.73
	For Work In Restricted Working Space, Add	493.67	
27 15 13 00-0306	MLF 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,857.30	1,043.35
	For Work In Restricted Working Space, Add	521.58	
27 15 13 00-0307	MLF 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,320.70	1,109.51
	For Work In Restricted Working Space, Add	554.66	
27 15 13 00-0308	MLF 12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,115.42	1,374.19
	For Work In Restricted Working Space, Add	687.14	
27 15 13 00-0309	MLF 24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,621.12	2,030.11
	For Work In Restricted Working Space, Add	1,015.11	
27 15 13 00-0310 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)			
27 15 13 00-0311	MLF 1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,389.01	653.05
	For Work In Restricted Working Space, Add	326.24	
27 15 13 00-0312	MLF 2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,683.23	676.06
	For Work In Restricted Working Space, Add	338.03	
27 15 13 00-0313	MLF 3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,941.36	699.08
	For Work In Restricted Working Space, Add	349.83	
27 15 13 00-0314	MLF 4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,213.23	723.06
	For Work In Restricted Working Space, Add	361.62	
27 15 13 00-0315	MLF 5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,513.53	771.96
	For Work In Restricted Working Space, Add	386.08	
27 15 13 00-0316	MLF 6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,788.11	819.91
	For Work In Restricted Working Space, Add	410.24	
27 15 13 00-0317	MLF 8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,025.55	917.72
	For Work In Restricted Working Space, Add	458.86	
27 15 13 00-0318	MLF 12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,010.41	1,209.25
	For Work In Restricted Working Space, Add	604.72	
27 15 13 00-0319	MLF 24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,969.58	1,786.54
	For Work In Restricted Working Space, Add	893.27	
27 15 13 00-0320 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0277)			

27 Communications

27 10 Structured Cabling

27 15 Communications Horizontal Cabling

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0321	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,220.42	593.60
		<i>For Work In Restricted Working Space, Add</i>	.....	296.61	
27 15 13 00-0322	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,453.06	614.69
		<i>For Work In Restricted Working Space, Add</i>	.....	307.25	
27 15 13 00-0323	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,655.42	636.27
		<i>For Work In Restricted Working Space, Add</i>	.....	317.90	
27 15 13 00-0324	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,868.45	657.85
		<i>For Work In Restricted Working Space, Add</i>	.....	328.83	
27 15 13 00-0325	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	2,112.08	701.96
		<i>For Work In Restricted Working Space, Add</i>	.....	350.84	
27 15 13 00-0326	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	2,334.54	746.07
		<i>For Work In Restricted Working Space, Add</i>	.....	372.84	
27 15 13 00-0327	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	2,556.87	834.29
		<i>For Work In Restricted Working Space, Add</i>	.....	417.15	
27 15 13 00-0328	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	3,365.44	1,099.92
		<i>For Work In Restricted Working Space, Add</i>	.....	549.77	
27 15 13 00-0329	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	5,006.45	1,624.48
		<i>For Work In Restricted Working Space, Add</i>	.....	812.14	
27 15 13 00-0330	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	5,330.18	1,662.84
		<i>For Work In Restricted Working Space, Add</i>	.....	831.42	
27 15 13 00-0331	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	6,362.32	1,936.14
		<i>For Work In Restricted Working Space, Add</i>	.....	968.07	
27 15 13 00-0332	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	6,827.44	2,072.31
		<i>For Work In Restricted Working Space, Add</i>	.....	1,036.25	
27 15 13 00-0333	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	8,136.42	2,590.15
		<i>For Work In Restricted Working Space, Add</i>	.....	1,294.88	
27 15 13 00-0334	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	11,088.66	3,410.05
		<i>For Work In Restricted Working Space, Add</i>	.....	1,704.83	
27 15 13 00-0335		#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0277)</small>			
27 15 13 00-0336	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,011.15	534.14
		<i>For Work In Restricted Working Space, Add</i>	.....	266.98	
27 15 13 00-0337	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,087.45	553.32
		<i>For Work In Restricted Working Space, Add</i>	.....	276.47	
27 15 13 00-0338	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,181.74	572.50
		<i>For Work In Restricted Working Space, Add</i>	.....	286.25	
27 15 13 00-0339	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,284.51	591.68
		<i>For Work In Restricted Working Space, Add</i>	.....	296.03	
27 15 13 00-0340	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,434.90	631.95
		<i>For Work In Restricted Working Space, Add</i>	.....	315.88	
27 15 13 00-0341	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	.....	1,587.42	669.35
		<i>For Work In Restricted Working Space, Add</i>	.....	334.87	
27 15 13 00-0342		Triad <small>(27 15 13 00-0277)</small>			
27 15 13 00-0343	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	.....	1,795.46	794.97
27 15 13 00-0344	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	.....	2,399.13	1,099.92
27 15 13 00-0345	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	.....	3,661.35	1,624.48
27 15 13 00-0346	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	.....	4,479.30	1,936.14
27 15 13 00-0347	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	.....	7,175.84	2,999.62
27 15 13 00-0348	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	.....	8,217.38	3,410.05
27 15 13 00-0349		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0276)</small>			
27 15 13 00-0350		#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>			
27 15 13 00-0351	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	.....	3,672.41	1,898.74
		<i>For #10 AWG, Add</i>	.....	800.47	
		<i>For Work In Restricted Working Space, Add</i>	.....	949.45	
27 15 13 00-0352	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	.....	4,214.05	1,965.86
		<i>For #10 AWG, Add</i>	.....	964.57	
		<i>For Work In Restricted Working Space, Add</i>	.....	983.22	

	MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0353	MLF		3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	4,695.49	2,034.91
			For #10 AWG, Add	1,108.74	
			For Work In Restricted Working Space, Add	1,017.17	
27 15 13 00-0354	MLF		4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,204.06	2,103.95
			For #10 AWG, Add	1,261.34	
			For Work In Restricted Working Space, Add	1,052.30	
27 15 13 00-0355	MLF		5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,808.91	2,245.88
			For #10 AWG, Add	1,430.19	
			For Work In Restricted Working Space, Add	1,123.27	
27 15 13 00-0356	MLF		6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	6,368.80	2,385.89
			For #10 AWG, Add	1,584.62	
			For Work In Restricted Working Space, Add	1,193.26	
27 15 13 00-0357	MLF		8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	6,966.85	2,669.74
			For #10 AWG, Add	1,720.73	
			For Work In Restricted Working Space, Add	1,334.62	
27 15 13 00-0358	MLF		12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	9,222.01	3,519.38
			For #10 AWG, Add	2,280.88	
			For Work In Restricted Working Space, Add	1,759.35	
27 15 13 00-0359	MLF		24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	13,696.61	5,197.55
			For #10 AWG, Add	3,394.04	
			For Work In Restricted Working Space, Add	2,598.11	
27 15 13 00-0360			#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>		
27 15 13 00-0361	MLF		1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	3,252.53	1,660.91
			For Work In Restricted Working Space, Add	830.27	
27 15 13 00-0362	MLF		2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	3,762.22	1,720.37
			For Work In Restricted Working Space, Add	860.19	
27 15 13 00-0363	MLF		3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	4,213.83	1,779.82
			For Work In Restricted Working Space, Add	890.10	
27 15 13 00-0364	MLF		4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	4,689.52	1,841.20
			For Work In Restricted Working Space, Add	920.60	
27 15 13 00-0365	MLF		5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,248.53	1,965.86
			For Work In Restricted Working Space, Add	982.74	
27 15 13 00-0366	MLF		6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,763.87	2,088.61
			For Work In Restricted Working Space, Add	1,043.73	
27 15 13 00-0367	MLF		8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	6,299.36	2,336.02
			For Work In Restricted Working Space, Add	1,168.01	
27 15 13 00-0368	MLF		12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	8,338.40	3,078.26
			For Work In Restricted Working Space, Add	1,539.12	
27 15 13 00-0369	MLF		24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	12,391.59	4,547.38
			For Work In Restricted Working Space, Add	2,273.88	
27 15 13 00-0370			#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0349)</small>		
27 15 13 00-0371	MLF		1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	2,899.26	1,482.55
			For Work In Restricted Working Space, Add	741.66	
27 15 13 00-0372	MLF		2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	3,245.70	1,536.25
			For Work In Restricted Working Space, Add	768.13	
27 15 13 00-0373	MLF		3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	3,746.60	1,589.96
			For Work In Restricted Working Space, Add	794.60	
27 15 13 00-0374	MLF		4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	4,168.02	1,643.66
			For Work In Restricted Working Space, Add	822.21	
27 15 13 00-0375	MLF		5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	4,662.02	1,754.89
			For Work In Restricted Working Space, Add	877.45	
27 15 13 00-0376	MLF		6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,119.00	1,864.21
			For Work In Restricted Working Space, Add	932.11	
27 15 13 00-0377	MLF		7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,356.48	1,975.45
			For Work In Restricted Working Space, Add	987.34	
27 15 13 00-0378	MLF		8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
			Exposed	5,595.89	2,086.70
			For Work In Restricted Working Space, Add	1,043.15	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0379	MLF		9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,169.58	2,219.04
			<i>For Work In Restricted Working Space, Add</i>	1,109.33	
27 15 13 00-0380	MLF		12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,405.90	2,748.38
			<i>For Work In Restricted Working Space, Add</i>	1,374.29	
27 15 13 00-0381	MLF		24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	11,004.80	4,060.23
			<i>For Work In Restricted Working Space, Add</i>	2,030.21	
27 15 13 00-0382 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0349)					
27 15 13 00-0383	MLF		1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,476.47	1,306.10
			<i>For Work In Restricted Working Space, Add</i>	652.48	
27 15 13 00-0384	MLF		2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,810.01	1,352.14
			<i>For Work In Restricted Working Space, Add</i>	676.07	
27 15 13 00-0385	MLF		3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,107.45	1,398.16
			<i>For Work In Restricted Working Space, Add</i>	699.66	
27 15 13 00-0386	MLF		4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,418.64	1,446.11
			<i>For Work In Restricted Working Space, Add</i>	723.25	
27 15 13 00-0387	MLF		5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,800.46	1,543.92
			<i>For Work In Restricted Working Space, Add</i>	772.16	
27 15 13 00-0388	MLF		6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,155.58	1,639.82
			<i>For Work In Restricted Working Space, Add</i>	820.49	
27 15 13 00-0389	MLF		8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,555.09	1,835.45
			<i>For Work In Restricted Working Space, Add</i>	917.72	
27 15 13 00-0390	MLF		12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,026.15	2,418.49
			<i>For Work In Restricted Working Space, Add</i>	1,209.44	
27 15 13 00-0391	MLF		24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,947.13	3,573.08
			<i>For Work In Restricted Working Space, Add</i>	1,786.53	
27 15 13 00-0392 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0349)					
27 15 13 00-0393	MLF		1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,209.10	1,187.19
			<i>For Work In Restricted Working Space, Add</i>	593.21	
27 15 13 00-0394	MLF		2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,477.23	1,229.39
			<i>For Work In Restricted Working Space, Add</i>	614.50	
27 15 13 00-0395	MLF		3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,715.07	1,272.53
			<i>For Work In Restricted Working Space, Add</i>	635.79	
27 15 13 00-0396	MLF		4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,964.54	1,315.69
			<i>For Work In Restricted Working Space, Add</i>	657.65	
27 15 13 00-0397	MLF		5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,281.53	1,403.92
			<i>For Work In Restricted Working Space, Add</i>	701.67	
27 15 13 00-0398	MLF		6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,577.35	1,492.14
			<i>For Work In Restricted Working Space, Add</i>	745.69	
27 15 13 00-0399	MLF		8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,947.36	1,668.59
			<i>For Work In Restricted Working Space, Add</i>	834.29	
27 15 13 00-0400	MLF		12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,198.01	2,199.86
			<i>For Work In Restricted Working Space, Add</i>	1,099.54	
27 15 13 00-0401	MLF		24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,713.57	3,248.96
			<i>For Work In Restricted Working Space, Add</i>	1,624.28	
27 15 13 00-0402	MLF		25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,101.55	3,325.67
			<i>For Work In Restricted Working Space, Add</i>	1,662.83	
27 15 13 00-0403	MLF		36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	9,589.23	3,872.27
			<i>For Work In Restricted Working Space, Add</i>	1,936.14	
27 15 13 00-0404	MLF		40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,281.60	4,144.62
			<i>For Work In Restricted Working Space, Add</i>	2,072.50	
27 15 13 00-0405	MLF		50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	12,452.68	5,180.30
			<i>For Work In Restricted Working Space, Add</i>	2,589.75	
27 15 13 00-0406	MLF		100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	16,771.41	6,820.12
			<i>For Work In Restricted Working Space, Add</i>	3,409.65	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0407 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed <small>(27 15 13 00-0349)</small>						
27 15 13 00-0408	MLF	1	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,901.05	1,068.28
				<i>For Work In Restricted Working Space, Add</i>	533.95	
27 15 13 00-0409	MLF	2	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,009.01	1,106.64
				<i>For Work In Restricted Working Space, Add</i>	552.94	
27 15 13 00-0410	MLF	3	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,135.89	1,144.99
				<i>For Work In Restricted Working Space, Add</i>	572.50	
27 15 13 00-0411	MLF	4	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,271.28	1,183.35
				<i>For Work In Restricted Working Space, Add</i>	592.06	
27 15 13 00-0412	MLF	5	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,487.84	1,263.91
				<i>For Work In Restricted Working Space, Add</i>	631.76	
27 15 13 00-0413	MLF	6	Pair	#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,703.64	1,338.71
				<i>For Work In Restricted Working Space, Add</i>	669.74	
27 15 13 00-0414 Triad, Installed Exposed <small>(27 15 13 00-0349)</small>						
27 15 13 00-0415	MLF	1	Triad	#16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	1,795.46	794.97
27 15 13 00-0416	MLF	4	Triad	#20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	2,399.13	1,099.92
27 15 13 00-0417	MLF	8	Triad	#20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,661.35	1,624.48
27 15 13 00-0418	MLF	12	Triad	#20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	4,479.30	1,936.14
27 15 13 00-0419	MLF	24	Triad	#20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,175.84	2,999.62
27 15 13 00-0420	MLF	36	Triad	#20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	8,217.38	3,410.05
27 15 13 00-0421 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0276)</small>						
27 15 13 00-0422 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0421)</small>						
27 15 13 00-0423	MLF	1	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,640.42	830.46
				<i>For Work In Restricted Working Space, Add</i>	415.13	
27 15 13 00-0424	MLF	2	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,907.23	860.19
				<i>For Work In Restricted Working Space, Add</i>	430.09	
27 15 13 00-0425	MLF	3	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,143.32	889.92
				<i>For Work In Restricted Working Space, Add</i>	445.05	
27 15 13 00-0426	MLF	4	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,392.09	920.60
				<i>For Work In Restricted Working Space, Add</i>	460.30	
27 15 13 00-0427	MLF	5	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,679.94	981.97
				<i>For Work In Restricted Working Space, Add</i>	490.79	
27 15 13 00-0428	MLF	6	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,947.67	1,043.35
				<i>For Work In Restricted Working Space, Add</i>	521.58	
27 15 13 00-0429	MLF	8	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,219.91	1,168.01
				<i>For Work In Restricted Working Space, Add</i>	584.00	
27 15 13 00-0430	MLF	12	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,262.85	1,539.12
				<i>For Work In Restricted Working Space, Add</i>	769.56	
27 15 13 00-0431	MLF	24	Pair	#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,336.27	2,273.70
				<i>For Work In Restricted Working Space, Add</i>	1,136.94	
27 15 13 00-0432 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0421)</small>						
27 15 13 00-0433	MLF	1	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,462.10	741.27
				<i>For Work In Restricted Working Space, Add</i>	370.83	
27 15 13 00-0434	MLF	2	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,697.26	768.13
				<i>For Work In Restricted Working Space, Add</i>	384.06	
27 15 13 00-0435	MLF	3	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,905.35	794.97
				<i>For Work In Restricted Working Space, Add</i>	397.30	
27 15 13 00-0436	MLF	4	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,125.68	821.83
				<i>For Work In Restricted Working Space, Add</i>	411.11	
27 15 13 00-0437	MLF	5	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,380.77	876.49
				<i>For Work In Restricted Working Space, Add</i>	438.44	
27 15 13 00-0438	MLF	6	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,618.23	932.11
				<i>For Work In Restricted Working Space, Add</i>	466.05	
27 15 13 00-0439	MLF	7	Pair	#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,738.54	987.73
				<i>For Work In Restricted Working Space, Add</i>	493.67	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 13 00-0440	MLF 8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,932.27	1,043.35
	<i>For Work In Restricted Working Space, Add</i>	521.58	
27 15 13 00-0441	MLF 9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,241.40	1,109.51
	<i>For Work In Restricted Working Space, Add</i>	554.63	
27 15 13 00-0442	MLF 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,785.42	1,374.19
	<i>For Work In Restricted Working Space, Add</i>	687.14	
27 15 13 00-0443	MLF 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,626.58	2,030.11
	<i>For Work In Restricted Working Space, Add</i>	1,015.25	
27 15 13 00-0444	#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)		
27 15 13 00-0445	MLF 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,276.08	652.09
	<i>For Work In Restricted Working Space, Add</i>	326.24	
27 15 13 00-0446	MLF 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,464.99	676.06
	<i>For Work In Restricted Working Space, Add</i>	338.03	
27 15 13 00-0447	MLF 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,582.36	700.04
	<i>For Work In Restricted Working Space, Add</i>	349.83	
27 15 13 00-0448	MLF 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,738.74	723.06
	<i>For Work In Restricted Working Space, Add</i>	361.62	
27 15 13 00-0449	MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,924.32	771.96
	<i>For Work In Restricted Working Space, Add</i>	386.08	
27 15 13 00-0450	MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,108.94	820.87
	<i>For Work In Restricted Working Space, Add</i>	410.24	
27 15 13 00-0451	MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,544.18	917.72
	<i>For Work In Restricted Working Space, Add</i>	458.86	
27 15 13 00-0452	MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,302.77	1,209.25
	<i>For Work In Restricted Working Space, Add</i>	604.72	
27 15 13 00-0453	MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,383.28	1,786.54
	<i>For Work In Restricted Working Space, Add</i>	893.27	
27 15 13 00-0454	#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0421)		
27 15 13 00-0455	MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,121.83	593.60
	<i>For Work In Restricted Working Space, Add</i>	296.61	
27 15 13 00-0456	MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,251.14	614.69
	<i>For Work In Restricted Working Space, Add</i>	307.25	
27 15 13 00-0457	MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,481.38	700.04
	<i>For Work In Restricted Working Space, Add</i>	349.83	
27 15 13 00-0458	MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,635.23	735.90
	<i>For Work In Restricted Working Space, Add</i>	367.95	
27 15 13 00-0459	MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,785.75	771.96
	<i>For Work In Restricted Working Space, Add</i>	386.08	
27 15 13 00-0460	MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,945.21	820.87
	<i>For Work In Restricted Working Space, Add</i>	410.24	
27 15 13 00-0461	MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,140.06	913.50
	<i>For Work In Restricted Working Space, Add</i>	456.85	
27 15 13 00-0462	MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,643.76	1,099.92
	<i>For Work In Restricted Working Space, Add</i>	549.77	
27 15 13 00-0463	MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,923.92	1,624.48
	<i>For Work In Restricted Working Space, Add</i>	812.14	
27 15 13 00-0464	MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,125.48	1,662.84
	<i>For Work In Restricted Working Space, Add</i>	831.42	
27 15 13 00-0465	MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,886.14	1,936.14
	<i>For Work In Restricted Working Space, Add</i>	968.07	
27 15 13 00-0466	MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,239.28	2,072.31
	<i>For Work In Restricted Working Space, Add</i>	1,036.25	
27 15 13 00-0467	MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,337.85	2,590.15
	<i>For Work In Restricted Working Space, Add</i>	1,294.88	
27 15 13 00-0468	MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,543.52	3,410.05
	<i>For Work In Restricted Working Space, Add</i>	1,704.83	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0469				#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0421)</small>		
27 15 13 00-0470	MLF	1	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	978.19		534.14
			<i>For Work In Restricted Working Space, Add</i>	266.98		
27 15 13 00-0471	MLF	2	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,042.35		553.32
			<i>For Work In Restricted Working Space, Add</i>	276.47		
27 15 13 00-0472	MLF	3	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,125.91		572.50
			<i>For Work In Restricted Working Space, Add</i>	286.25		
27 15 13 00-0473	MLF	4	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,217.02		591.68
			<i>For Work In Restricted Working Space, Add</i>	296.03		
27 15 13 00-0474	MLF	5	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,337.92		631.95
			<i>For Work In Restricted Working Space, Add</i>	315.88		
27 15 13 00-0475	MLF	6	Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,467.78		669.35
			<i>For Work In Restricted Working Space, Add</i>	334.87		
27 15 13 00-0476						
			Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0276)</small>			
27 15 13 00-0477						
			#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>			
27 15 13 00-0478	MLF	1	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,024.20		1,660.91
			<i>For Work In Restricted Working Space, Add</i>	830.27		
27 15 13 00-0479	MLF	2	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,340.88		1,720.37
			<i>For Work In Restricted Working Space, Add</i>	860.19		
27 15 13 00-0480	MLF	3	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,626.82		1,779.82
			<i>For Work In Restricted Working Space, Add</i>	890.10		
27 15 13 00-0481	MLF	4	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,926.42		1,841.20
			<i>For Work In Restricted Working Space, Add</i>	920.60		
27 15 13 00-0482	MLF	5	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,315.92		1,963.95
			<i>For Work In Restricted Working Space, Add</i>	981.59		
27 15 13 00-0483	MLF	6	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,686.26		2,086.70
			<i>For Work In Restricted Working Space, Add</i>	1,043.15		
27 15 13 00-0484	MLF	8	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,166.60		2,336.02
			<i>For Work In Restricted Working Space, Add</i>	1,168.01		
27 15 13 00-0485	MLF	12	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,828.05		3,078.26
			<i>For Work In Restricted Working Space, Add</i>	1,539.12		
27 15 13 00-0486	MLF	24	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,126.08		4,547.38
			<i>For Work In Restricted Working Space, Add</i>	2,273.88		
27 15 13 00-0487						
			#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>			
27 15 13 00-0488	MLF	1	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,698.20		1,482.55
			<i>For Work In Restricted Working Space, Add</i>	741.66		
27 15 13 00-0489	MLF	2	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,977.47		1,536.25
			<i>For Work In Restricted Working Space, Add</i>	768.13		
27 15 13 00-0490	MLF	3	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,229.68		1,589.96
			<i>For Work In Restricted Working Space, Add</i>	794.60		
27 15 13 00-0491	MLF	4	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,496.03		1,643.66
			<i>For Work In Restricted Working Space, Add</i>	822.21		
27 15 13 00-0492	MLF	5	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,842.21		1,752.98
			<i>For Work In Restricted Working Space, Add</i>	876.87		
27 15 13 00-0493	MLF	6	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,171.75		1,864.21
			<i>For Work In Restricted Working Space, Add</i>	932.11		
27 15 13 00-0494	MLF	7	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,384.11		1,975.45
			<i>For Work In Restricted Working Space, Add</i>	987.34		
27 15 13 00-0495	MLF	8	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,670.86		2,086.70
			<i>For Work In Restricted Working Space, Add</i>	1,043.15		
27 15 13 00-0496	MLF	9	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,090.19		2,219.04
			<i>For Work In Restricted Working Space, Add</i>	1,109.27		

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
27 15 13 00-0497	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,075.90		2,748.38
		<i>For Work In Restricted Working Space, Add</i>	1,374.29		
27 15 13 00-0498	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,010.73		4,060.23
		<i>For Work In Restricted Working Space, Add</i>	2,030.49		
27 15 13 00-0499		#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>			
27 15 13 00-0500	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,363.54		1,304.19
		<i>For Work In Restricted Working Space, Add</i>	652.48		
27 15 13 00-0501	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,591.77		1,352.14
		<i>For Work In Restricted Working Space, Add</i>	676.07		
27 15 13 00-0502	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,748.45		1,400.08
		<i>For Work In Restricted Working Space, Add</i>	699.66		
27 15 13 00-0503	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,944.15		1,446.11
		<i>For Work In Restricted Working Space, Add</i>	723.25		
27 15 13 00-0504	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,211.25		1,543.92
		<i>For Work In Restricted Working Space, Add</i>	772.16		
27 15 13 00-0505	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,476.41		1,641.73
		<i>For Work In Restricted Working Space, Add</i>	820.49		
27 15 13 00-0506	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,073.72		1,835.45
		<i>For Work In Restricted Working Space, Add</i>	917.72		
27 15 13 00-0507	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,318.51		2,418.49
		<i>For Work In Restricted Working Space, Add</i>	1,209.44		
27 15 13 00-0508	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,360.83		3,573.08
		<i>For Work In Restricted Working Space, Add</i>	1,786.53		
27 15 13 00-0509		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>			
27 15 13 00-0510	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,110.51		1,187.19
		<i>For Work In Restricted Working Space, Add</i>	593.21		
27 15 13 00-0511	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,275.31		1,229.39
		<i>For Work In Restricted Working Space, Add</i>	614.50		
27 15 13 00-0512	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,647.47		1,400.08
		<i>For Work In Restricted Working Space, Add</i>	699.66		
27 15 13 00-0513	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,861.74		1,471.81
		<i>For Work In Restricted Working Space, Add</i>	735.91		
27 15 13 00-0514	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,072.68		1,543.92
		<i>For Work In Restricted Working Space, Add</i>	772.16		
27 15 13 00-0515	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,312.68		1,641.73
		<i>For Work In Restricted Working Space, Add</i>	820.49		
27 15 13 00-0516	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,662.89		1,827.01
		<i>For Work In Restricted Working Space, Add</i>	913.70		
27 15 13 00-0517	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,476.33		2,199.86
		<i>For Work In Restricted Working Space, Add</i>	1,099.54		
27 15 13 00-0518	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,631.04		3,248.96
		<i>For Work In Restricted Working Space, Add</i>	1,624.28		
27 15 13 00-0519	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,896.85		3,325.67
		<i>For Work In Restricted Working Space, Add</i>	1,662.83		
27 15 13 00-0520	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,113.05		3,872.27
		<i>For Work In Restricted Working Space, Add</i>	1,936.14		
27 15 13 00-0521	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,693.44		4,144.62
		<i>For Work In Restricted Working Space, Add</i>	2,072.50		
27 15 13 00-0522	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,654.11		5,180.30
		<i>For Work In Restricted Working Space, Add</i>	2,589.75		
27 15 13 00-0523	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,226.27		6,820.12
		<i>For Work In Restricted Working Space, Add</i>	3,409.65		
27 15 13 00-0524		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0476)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0525 MLF 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,868.09 533.95	1,068.28
27 15 13 00-0526 MLF 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,963.91 552.94	1,106.64
27 15 13 00-0527 MLF 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,080.06 572.50	1,144.99
27 15 13 00-0528 MLF 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,203.79 592.06	1,183.35
27 15 13 00-0529 MLF 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,390.86 631.76	1,263.91
27 15 13 00-0530 MLF 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,584.00 669.74	1,338.71
27 15 13 00-0531 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench <small>(27 15 13 00-0276)</small> Note: Excludes excavation.		
27 15 13 00-0532 MLF 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,708.81	
27 15 13 00-0533 MLF 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,161.71	
27 15 13 00-0534 MLF 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,557.67	
27 15 13 00-0535 MLF 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,977.34	
27 15 13 00-0536 MLF 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,420.32	
27 15 13 00-0537 MLF 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,822.76	
27 15 13 00-0538 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) <small>(27 15 13 00-0276)</small>		
27 15 13 00-0539 MLF 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,793.57	502.13
27 15 13 00-0540 MLF 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,297.00	537.97
27 15 13 00-0541 MLF 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,019.19	680.09
27 15 13 00-0542 MLF 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,670.88	786.61
27 15 13 00-0543 MLF 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	6,247.77	896.57
27 15 13 00-0544 MLF 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	7,514.99	1,145.42
27 15 13 00-0545 Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0276)</small>		
27 15 13 00-0546 MLF 1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,391.51	741.27
27 15 13 00-0547 MLF 2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,647.27	768.13
27 15 13 00-0548 MLF 3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,829.39	794.97
27 15 13 00-0549 MLF 4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,930.48	821.83
27 15 13 00-0550 MLF 5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,288.29	876.49
27 15 13 00-0551 MLF 6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,471.15	932.11
27 15 13 00-0552 MLF 8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,059.99	1,043.35
27 15 13 00-0553 MLF 12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,822.10	1,374.19
27 15 13 00-0554 MLF 24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,788.38	2,030.11
27 15 13 00-0555 MLF 1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,205.44	652.09
27 15 13 00-0556 MLF 2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,415.81	676.06
27 15 13 00-0557 MLF 3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,590.94	700.04
27 15 13 00-0558 MLF 4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,680.90	723.06
27 15 13 00-0559 MLF 5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,987.02	771.96
27 15 13 00-0560 MLF 6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,218.99	820.87
27 15 13 00-0561 MLF 8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,504.01	917.72
27 15 13 00-0562 MLF 12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,241.76	1,209.25
27 15 13 00-0563 MLF 24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,140.35	1,786.54
27 15 13 00-0564 MLF 1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,069.44	593.60
27 15 13 00-0565 MLF 2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,204.76	614.69
27 15 13 00-0566 MLF 3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,336.08	635.79
27 15 13 00-0567 MLF 4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,421.30	657.85

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0568	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,543.94	701.96	
27 15 13 00-0569	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,680.25	746.07	
27 15 13 00-0570	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,881.61	834.29	
27 15 13 00-0571	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,581.37	1,099.92	
27 15 13 00-0572	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,909.97	1,624.48	
27 15 13 00-0573	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,109.87	1,662.84	
27 15 13 00-0574	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,839.33	1,936.14	
27 15 13 00-0575	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,218.83	2,072.31	
27 15 13 00-0576	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,314.69	2,590.15	
27 15 13 00-0577	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,510.75	3,410.05	
27 15 13 00-0578	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,349.19	6,281.18	
27 15 13 00-0579	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,386.51	8,312.26	
27 15 13 00-0580	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	32,475.16	10,474.71	
27 15 13 00-0581	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	45,630.55	14,368.08	
27 15 13 00-0582	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,040.35	593.60	
27 15 13 00-0583	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,139.69	614.69	
27 15 13 00-0584	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,236.48	635.79	
27 15 13 00-0585	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,304.12	657.85	
27 15 13 00-0586	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,409.18	701.96	
27 15 13 00-0587	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,522.63	746.07	
27 15 13 00-0588	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,704.65	834.29	
27 15 13 00-0589	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,311.56	1,099.92	
27 15 13 00-0590	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,476.57	1,624.48	
27 15 13 00-0591	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,627.59	1,662.84	
27 15 13 00-0592	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,276.12	1,936.14	
27 15 13 00-0593	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,582.97	2,072.31	
27 15 13 00-0594	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,594.60	2,590.15	
27 15 13 00-0595	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,491.76	3,410.05	
27 15 13 00-0596	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	14,192.75	6,281.18	
27 15 13 00-0597	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	20,579.28	8,312.26	
27 15 13 00-0598	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	27,048.37	10,474.71	
27 15 13 00-0599	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	37,795.98	14,368.08	

27 15 13 00-0600 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit

(27 15 13 00-0276)

27 15 13 00-0601	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,436.55	741.27
27 15 13 00-0602	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,639.64	768.13
27 15 13 00-0603	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,766.70	794.97
27 15 13 00-0604	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,936.19	821.83
27 15 13 00-0605	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,139.80	876.49
27 15 13 00-0606	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,341.50	932.11
27 15 13 00-0607	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,816.89	1,043.35
27 15 13 00-0608	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,659.56	1,374.19
27 15 13 00-0609	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,457.81	2,030.11
27 15 13 00-0610	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,257.85	652.09

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0611	MLF			2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,432.30	676.06
27 15 13 00-0612	MLF			3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,542.12	700.04
27 15 13 00-0613	MLF			4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,687.20	723.06
27 15 13 00-0614	MLF			5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,862.71	771.96
27 15 13 00-0615	MLF			6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,037.28	820.87
27 15 13 00-0616	MLF			8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,446.10	917.72
27 15 13 00-0617	MLF			12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,179.06	1,209.25
27 15 13 00-0618	MLF			24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,740.17	1,786.54
27 15 13 00-0619	MLF			1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,108.96	593.60
27 15 13 00-0620	MLF			2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,259.18	614.69
27 15 13 00-0621	MLF			3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,365.17	635.79
27 15 13 00-0622	MLF			4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,555.60	657.85
27 15 13 00-0623	MLF			5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,725.68	701.96
27 15 13 00-0624	MLF			6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,047.94	746.07
27 15 13 00-0625	MLF			8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,289.07	834.29
27 15 13 00-0626	MLF			12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,897.05	1,099.92
27 15 13 00-0627	MLF			24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,366.06	1,624.48
27 15 13 00-0628	MLF			25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,616.43	1,662.84
27 15 13 00-0629	MLF			36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,487.89	1,936.14
27 15 13 00-0630	MLF			40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,886.68	2,072.31
27 15 13 00-0631	MLF			50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,071.00	2,590.15
27 15 13 00-0632	MLF			100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	9,581.01	3,410.05
27 15 13 00-0633	MLF			250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	18,614.61	6,281.18
27 15 13 00-0634	MLF			500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	28,385.96	8,312.26
27 15 13 00-0635	MLF			750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	38,175.31	10,474.71
27 15 13 00-0636	MLF			1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	53,859.88	14,367.12
27 15 13 00-0637	MLF			1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,065.62	593.60
27 15 13 00-0638	MLF			2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,174.51	614.69
27 15 13 00-0639	MLF			3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,255.09	635.79
27 15 13 00-0640	MLF			4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,390.03	657.85
27 15 13 00-0641	MLF			5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit.....	1,525.43	701.96
27 15 13 00-0642	MLF			6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,757.84	746.07
27 15 13 00-0643	MLF			8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,965.30	834.29
27 15 13 00-0644	MLF			12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,513.49	1,099.92
27 15 13 00-0645	MLF			24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,768.32	1,624.48
27 15 13 00-0646	MLF			25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,951.62	1,662.84
27 15 13 00-0647	MLF			36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,673.20	1,936.14
27 15 13 00-0648	MLF			40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,010.19	2,072.31
27 15 13 00-0649	MLF			50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,078.40	2,590.15
27 15 13 00-0650	MLF			100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,176.39	3,410.05
27 15 13 00-0651	MLF			250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	15,641.77	6,281.18
27 15 13 00-0652	MLF			500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	23,137.64	8,312.26
27 15 13 00-0653	MLF			750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	30,694.90	10,474.71
27 15 13 00-0654	MLF			1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	43,060.77	14,368.08

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0655			Sound System Cables <small>(27 15 13)</small> Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656			Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0655)</small>		
27 15 13 00-0657			Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0656)</small>		
27 15 13 00-0658	MLF		2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,550.92	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0659	MLF		2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,480.64	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0660	MLF		2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,426.43	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0661	MLF		4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,485.72	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0662	MLF		4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,676.25	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0663	MLF		6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,866.17	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0664	MLF		4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed.....	1,677.06	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0665	MLF		4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed.....	1,585.56	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0666			Plenum Rated Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0656)</small>		
27 15 13 00-0667	MLF		2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,579.96	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0668	MLF		2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,499.11	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0669	MLF		2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,453.35	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0670	MLF		4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,529.71	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0671	MLF		8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,691.04	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0672	MLF		2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,673.24	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0673	MLF		2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,561.41	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0674	MLF		4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,751.50	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0675	MLF		6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,941.08	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0676	MLF		2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,476.29	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0677	MLF		2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,514.07	671.27
			<i>For Work In Restricted Working Space, Add</i>	402.77	
27 15 13 00-0678			Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0655)</small>		
27 15 13 00-0679			Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0678)</small>		
27 15 13 00-0680	MLF		2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	879.64	335.63
27 15 13 00-0681	MLF		2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	809.36	335.63
27 15 13 00-0682	MLF		2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	755.15	335.63
27 15 13 00-0683	MLF		4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	814.44	335.63
27 15 13 00-0684	MLF		4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,004.97	335.63
27 15 13 00-0685	MLF		6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,194.89	335.63
27 15 13 00-0686	MLF		4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit.....	1,005.78	335.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 13 00-0687	MLF	4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	914.28	335.63
27 15 13 00-0688 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0678)</small>				
27 15 13 00-0689	MLF	2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	908.68	335.63
27 15 13 00-0690	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	827.83	335.63
27 15 13 00-0691	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	782.07	335.63
27 15 13 00-0692	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	858.43	335.63
27 15 13 00-0693	MLF	8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,019.76	335.63
27 15 13 00-0694	MLF	2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,001.96	335.63
27 15 13 00-0695	MLF	2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	890.13	335.63
27 15 13 00-0696	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,080.22	335.63
27 15 13 00-0697	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,269.80	335.63
27 15 13 00-0698	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	842.79	335.63
27 15 13 00-0699	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	805.01	335.63

27 15 23 Communications Optical Fiber Horizontal Cabling (27 15)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 23 00-0001		Indoor Fiber Optic Cable <small>(27 15 23)</small>		
Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.				
27 15 23 00-0002		Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small>		
Note: Excludes conduit or innerduct.				
27 15 23 00-0003		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0002)</small>		
27 15 23 00-0004		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0003)</small>		
27 15 23 00-0005		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>		
27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	910.84	377.95
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	995.51	377.95
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,023.78	377.95
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,124.45	377.95
			<i>For Aluminum Armored Cable, Add</i>	885.01
			<i>For Steel Armored Cable, Add</i>	3,179.72
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,153.32	377.95
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,327.79	377.95
			<i>For Aluminum Armored Cable, Add</i>	951.99
			<i>For Steel Armored Cable, Add</i>	3,492.91
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,277.28	440.94
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,209.30	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	926.51
			<i>For Steel Armored Cable, Add</i>	6,056.82
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,917.63	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	881.84
			<i>For Steel Armored Cable, Add</i>	6,335.66
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,055.02	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	928.40
			<i>For Steel Armored Cable, Add</i>	6,623.84
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,921.36	440.94
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,151.75	440.94
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,363.60	440.94
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,551.78	503.93
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,204.33	503.93
27 15 23 00-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>				
27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	935.22	377.95
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	981.91	377.95
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,190.91	377.95
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,410.91	377.95
			<i>For Aluminum Armored Cable, Add</i>	948.67
			<i>For Steel Armored Cable, Add</i>	1,213.39

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 23 00-0026	MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,619.91	377.95
27 15 23 00-0027	MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,048.91	377.95
	<i>For Aluminum Armored Cable, Add</i>	1,026.77	
	<i>For Steel Armored Cable, Add</i>	1,371.69	
27 15 23 00-0028	MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,263.90	440.94
27 15 23 00-0029	MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,814.90	440.94
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	712.88	
	<i>For Steel Armored Cable, Add</i>	712.88	
27 15 23 00-0030	MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,354.90	440.94
27 15 23 00-0031	MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,894.90	440.94
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,273.17	
27 15 23 00-0032	MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,434.90	440.94
27 15 23 00-0033	MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,974.90	440.94
27 15 23 00-0034	MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,065.90	440.94
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	5,461.46	
27 15 23 00-0035	MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,250.88	503.93
27 15 23 00-0036	MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,330.88	503.93
27 15 23 00-0037	62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0004)		
27 15 23 00-0038	MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	950.49	377.95
27 15 23 00-0039	MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	999.51	377.95
27 15 23 00-0040	MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,218.96	377.95
27 15 23 00-0041	MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,449.96	377.95
27 15 23 00-0042	MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,669.41	377.95
27 15 23 00-0043	MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,119.86	377.95
27 15 23 00-0044	MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,340.35	440.94
27 15 23 00-0045	MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,968.90	440.94
27 15 23 00-0046	MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,585.90	440.94
27 15 23 00-0047	MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,202.90	440.94
27 15 23 00-0048	MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,819.90	440.94
27 15 23 00-0049	MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,436.90	440.94
27 15 23 00-0050	MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,682.45	440.94
27 15 23 00-0051	MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,021.43	503.93
27 15 23 00-0052	MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,255.43	503.93
27 15 23 00-0053	Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0003)		
27 15 23 00-0054	Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0053)		
27 15 23 00-0055	MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,695.55	377.95
27 15 23 00-0056	MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,011.31	377.95
27 15 23 00-0057	MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,705.96	377.95
27 15 23 00-0058	MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,037.48	377.95
27 15 23 00-0059	MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,295.97	377.95
27 15 23 00-0060	MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,589.54	440.94
27 15 23 00-0061	MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,044.62	440.94
27 15 23 00-0062	MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,931.08	440.94
27 15 23 00-0063	MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,180.80	440.94
27 15 23 00-0064	50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0053)		
27 15 23 00-0065	MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,821.53	377.95
27 15 23 00-0066	MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,197.25	377.95
27 15 23 00-0067	MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,816.71	377.95
27 15 23 00-0068	MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,737.41	377.95

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 23 00-0069	MLF		12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,125.14	377.95
	27 15 23 00-0070	MLF		18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,493.50	440.94
	27 15 23 00-0071	MLF		24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,882.80	440.94
	27 15 23 00-0072	MLF		36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,816.70	440.94
	27 15 23 00-0073	MLF		48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,866.90	440.94
27 15 23 00-0074				62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0063)</small>		
	27 15 23 00-0075	MLF		2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,881.11	377.95
	27 15 23 00-0076	MLF		4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,275.61	377.95
	27 15 23 00-0077	MLF		6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,926.05	377.95
	27 15 23 00-0078	MLF		8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,892.79	377.95
	27 15 23 00-0079	MLF		12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,299.90	377.95
	27 15 23 00-0080	MLF		18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,731.43	440.94
	27 15 23 00-0081	MLF		24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,190.20	440.94
	27 15 23 00-0082	MLF		36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,170.79	440.94
	27 15 23 00-0083	MLF		48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,423.50	440.94
27 15 23 00-0084				Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0002)</small>		
27 15 23 00-0085				Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0084)</small>		
27 15 23 00-0086				Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0085)</small>		
	27 15 23 00-0087	MLF		1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	926.13	377.95
	27 15 23 00-0088	MLF		2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	930.60	377.95
	27 15 23 00-0089	MLF		4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,165.27	377.95
	27 15 23 00-0090	MLF		6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,192.73	377.95
				<i>For Aluminum Armored Cable, Add</i>	885.43	
				<i>For Steel Armored Cable, Add</i>	4,178.22	
	27 15 23 00-0091	MLF		8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,330.96	377.95
	27 15 23 00-0092	MLF		12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,356.82	377.95
				<i>For Aluminum Armored Cable, Add</i>	923.04	
				<i>For Steel Armored Cable, Add</i>	4,464.19	
	27 15 23 00-0093	MLF		18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,104.66	440.94
	27 15 23 00-0094	MLF		24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,993.32	440.94
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	13.96	
				<i>For Steel Armored Cable, Add</i>	4,268.09	
	27 15 23 00-0095	MLF		36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,345.50	440.94
	27 15 23 00-0096	MLF		48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,511.19	440.94
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	-142.88	
				<i>For Steel Armored Cable, Add</i>	5,052.50	
	27 15 23 00-0097	MLF		60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,859.58	440.94
	27 15 23 00-0098	MLF		72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,299.24	440.94
	27 15 23 00-0099	MLF		96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,291.14	440.94
27 15 23 00-0100				50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0085)</small>		
	27 15 23 00-0101	MLF		1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	933.58	377.95
	27 15 23 00-0102	MLF		2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,052.64	377.95
	27 15 23 00-0103	MLF		4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,311.61	377.95
	27 15 23 00-0104	MLF		6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,575.77	377.95
				<i>For Aluminum Armored Cable, Add</i>	786.32	
				<i>For Steel Armored Cable, Add</i>	1,109.59	
	27 15 23 00-0105	MLF		8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,828.89	377.95
	27 15 23 00-0106	MLF		12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,048.81	377.95
				<i>For Aluminum Armored Cable, Add</i>	1,004.84	
				<i>For Steel Armored Cable, Add</i>	1,371.79	
	27 15 23 00-0107	MLF		18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,586.66	440.94

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0108	MLF		24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,465.06	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,491.90	
			<i>For Steel Armored Cable, Add</i>	1,491.90	
27 15 23 00-0109	MLF		36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,330.14	440.94
27 15 23 00-0110	MLF		48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,195.22	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,430.40	
27 15 23 00-0111	MLF		60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,060.30	440.94
27 15 23 00-0112	MLF		72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,925.38	440.94
27 15 23 00-0113	MLF		96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	15,668.86	440.94
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,858.49	
27 15 23 00-0114			62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0085)</small>		
27 15 23 00-0115	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	948.77	377.95
27 15 23 00-0116	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,073.78	377.95
27 15 23 00-0117	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,345.70	377.95
27 15 23 00-0118	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,623.07	377.95
27 15 23 00-0119	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,888.84	377.95
27 15 23 00-0120	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,119.75	377.95
27 15 23 00-0121	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,679.25	440.94
27 15 23 00-0122	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,651.57	440.94
27 15 23 00-0123	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,609.90	440.94
27 15 23 00-0124	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,568.24	440.94
27 15 23 00-0125	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,526.57	440.94
27 15 23 00-0126	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,484.90	440.94
27 15 23 00-0127	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,415.56	440.94
27 15 23 00-0128			Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0084)</small>		
27 15 23 00-0129			Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0130	MLF		2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,661.21	377.95
27 15 23 00-0131	MLF		4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,045.39	377.95
27 15 23 00-0132	MLF		6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,968.95	377.95
27 15 23 00-0133	MLF		8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,874.08	377.95
27 15 23 00-0134	MLF		12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,318.64	377.95
27 15 23 00-0135	MLF		18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,007.51	440.94
27 15 23 00-0136	MLF		24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,985.45	440.94
27 15 23 00-0137	MLF		36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	15,706.67	440.94
27 15 23 00-0138	MLF		48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	19,595.65	440.94
27 15 23 00-0139			50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0140	MLF		2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,019.46	377.95
27 15 23 00-0141	MLF		4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,717.28	377.95
27 15 23 00-0142	MLF		6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,962.86	377.95
27 15 23 00-0143	MLF		8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,597.68	377.95
27 15 23 00-0144	MLF		12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,552.56	377.95
27 15 23 00-0145	MLF		18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,967.90	440.94
27 15 23 00-0146	MLF		24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,803.10	440.94
27 15 23 00-0147	MLF		36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,548.75	440.94
27 15 23 00-0148	MLF		48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,319.94	440.94

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0149				62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0150	MLF			2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,138.94	377.95
27 15 23 00-0151	MLF			4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,871.65	377.95
27 15 23 00-0152	MLF			6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,179.51	377.95
27 15 23 00-0153	MLF			8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,846.07	377.95
27 15 23 00-0154	MLF			12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,798.69	377.95
27 15 23 00-0155	MLF			18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,379.55	440.94
27 15 23 00-0156	MLF			24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,206.51	440.94
27 15 23 00-0157	MLF			36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,089.45	440.94
27 15 23 00-0158	MLF			48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,199.19	440.94
27 15 23 00-0159				Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small>		
27 15 23 00-0160				Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0159)</small>		
27 15 23 00-0161				Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>		
27 15 23 00-0162				Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0163	MLF			1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,120.81	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0164	MLF			2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,205.48	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0165	MLF			4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,233.75	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0166	MLF			6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,334.42	503.93
				<i>For Aluminum Armored Cable, Add</i>	885.01	
				<i>For Steel Armored Cable, Add</i>	3,179.72	
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0167	MLF			8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,363.29	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0168	MLF			12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,537.76	503.93
				<i>For Aluminum Armored Cable, Add</i>	951.99	
				<i>For Steel Armored Cable, Add</i>	3,492.91	
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0169	MLF			18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,487.25	566.92
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0170	MLF			24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,419.27	566.92
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	926.51	
				<i>For Steel Armored Cable, Add</i>	6,056.82	
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0171	MLF			36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,127.60	566.92
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	881.84	
				<i>For Steel Armored Cable, Add</i>	6,335.66	
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0172	MLF			48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,264.99	566.92
				<i>For Aluminum Armored Cable With Sub-Units, Add</i>	928.40	
				<i>For Steel Armored Cable, Add</i>	6,623.84	
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0173	MLF			60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,131.33	566.92
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0174	MLF			72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,361.72	566.92
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0175	MLF			96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,573.57	566.92
				<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0176	MLF			120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,761.75	629.91
				<i>For Work In Restricted Working Space, Add</i>	314.96	
27 15 23 00-0177	MLF			144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,414.30	629.91
				<i>For Work In Restricted Working Space, Add</i>	314.96	
27 15 23 00-0178				50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0179	MLF			1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,145.19	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0180	MLF			2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,191.88	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0181	MLF			4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,400.88	503.93
				<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0182	MLF			6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,620.88	503.93
				<i>For Aluminum Armored Cable, Add</i>	948.67	
				<i>For Steel Armored Cable, Add</i>	1,213.39	
				<i>For Work In Restricted Working Space, Add</i>	251.96	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0183	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,829.88 251.96	503.93
27 15 23 00-0184	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,258.88 1,026.77 1,371.69 251.96	503.93
27 15 23 00-0185	MLF		18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,473.87 283.46	566.92
27 15 23 00-0186	MLF		24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,024.87 712.88 712.88 283.46	566.92
27 15 23 00-0187	MLF		36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,564.87 283.46	566.92
27 15 23 00-0188	MLF		48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,104.87 1,273.17 283.46	566.92
27 15 23 00-0189	MLF		60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	8,644.87 283.46	566.92
27 15 23 00-0190	MLF		72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed... <i>For Work In Restricted Working Space, Add</i>	10,184.87 283.46	566.92
27 15 23 00-0191	MLF		96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed... <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	13,275.87 5,461.46 283.46	566.92
27 15 23 00-0192	MLF		120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	16,460.85 314.96	629.91
27 15 23 00-0193	MLF		144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	19,540.85 314.96	629.91
27 15 23 00-0194			62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0195	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,160.46 251.96	503.93
27 15 23 00-0196	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,209.48 251.96	503.93
27 15 23 00-0197	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,428.93 251.96	503.93
27 15 23 00-0198	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,659.93 251.96	503.93
27 15 23 00-0199	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,879.38 251.96	503.93
27 15 23 00-0200	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,329.83 251.96	503.93
27 15 23 00-0201	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,550.32 283.46	566.92
27 15 23 00-0202	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	4,178.87 283.46	566.92
27 15 23 00-0203	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,795.87 283.46	566.92
27 15 23 00-0204	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	7,412.87 283.46	566.92
27 15 23 00-0205	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	9,029.87 283.46	566.92
27 15 23 00-0206	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	10,646.87 283.46	566.92
27 15 23 00-0207	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	13,892.42 283.46	566.92
27 15 23 00-0208	MLF		120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	17,231.40 314.96	629.91
27 15 23 00-0209	MLF		144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	20,465.40 314.96	629.91
27 15 23 00-0210			Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>		
27 15 23 00-0211			Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0212	MLF		2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,905.52 251.96	503.93

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 23 00-0213	MLF			4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,221.28 251.96	503.93
27 15 23 00-0214	MLF			6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,915.93 251.96	503.93
27 15 23 00-0215	MLF			8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,247.45 251.96	503.93
27 15 23 00-0216	MLF			12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,505.94 251.96	503.93
27 15 23 00-0217	MLF			18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,799.51 283.46	566.92
27 15 23 00-0218	MLF			24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,254.59 283.46	566.92
27 15 23 00-0219	MLF			36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,141.05 283.46	566.92
27 15 23 00-0220	MLF			48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,390.77 283.46	566.92
27 15 23 00-0221				50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0222	MLF			2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,031.50 251.96	503.93
27 15 23 00-0223	MLF			4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,407.22 251.96	503.93
27 15 23 00-0224	MLF			6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,026.68 251.96	503.93
27 15 23 00-0225	MLF			8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,947.38 251.96	503.93
27 15 23 00-0226	MLF			12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,335.11 251.96	503.93
27 15 23 00-0227	MLF			18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,703.47 283.46	566.92
27 15 23 00-0228	MLF			24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,092.77 283.46	566.92
27 15 23 00-0229	MLF			36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,026.67 283.46	566.92
27 15 23 00-0230	MLF			48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,076.87 283.46	566.92
27 15 23 00-0231				62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0232	MLF			2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,091.08 251.96	503.93
27 15 23 00-0233	MLF			4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,485.58 251.96	503.93
27 15 23 00-0234	MLF			6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,136.02 251.96	503.93
27 15 23 00-0235	MLF			8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,102.76 251.96	503.93
27 15 23 00-0236	MLF			12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,509.87 251.96	503.93
27 15 23 00-0237	MLF			18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,941.40 283.46	566.92
27 15 23 00-0238	MLF			24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,400.17 283.46	566.92
27 15 23 00-0239	MLF			36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,380.76 283.46	566.92
27 15 23 00-0240	MLF			48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,633.47 283.46	566.92
27 15 23 00-0241				Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0159)</small>		
27 15 23 00-0242				Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0241)</small>		
27 15 23 00-0243				Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0242)</small>		
27 15 23 00-0244	MLF			1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,136.10 251.96	503.93
27 15 23 00-0245	MLF			2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,140.57 251.96	503.93
27 15 23 00-0246	MLF			4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,375.24 251.96	503.93
27 15 23 00-0247	MLF			6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i>	1,402.70 885.43 4,178.22	503.93
27 15 23 00-0248	MLF			8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,540.93 251.96	503.93

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 23 00-0249	MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,566.79	503.93
	<i>For Aluminum Armored Cable, Add</i>	923.04	
	<i>For Steel Armored Cable, Add</i>	4,464.19	
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0250	MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,314.63	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0251	MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,203.29	566.92
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	13.96	
	<i>For Steel Armored Cable, Add</i>	4,268.09	
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0252	MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,555.47	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0253	MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,721.16	566.92
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	-142.88	
	<i>For Steel Armored Cable, Add</i>	5,052.50	
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0254	MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,069.55	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0255	MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,509.21	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0256	MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,501.11	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	

27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed

(27 15 23 00-0242)

27 15 23 00-0258	MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,143.55	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0259	MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,262.61	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0260	MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,521.58	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0261	MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,785.74	503.93
	<i>For Aluminum Armored Cable, Add</i>	786.32	
	<i>For Steel Armored Cable, Add</i>	1,109.59	
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0262	MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,038.86	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0263	MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,258.78	503.93
	<i>For Aluminum Armored Cable, Add</i>	1,004.84	
	<i>For Steel Armored Cable, Add</i>	1,371.79	
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0264	MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,796.63	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0265	MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,675.03	566.92
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,491.90	
	<i>For Steel Armored Cable, Add</i>	1,491.90	
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0266	MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,540.11	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0267	MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,405.19	566.92
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,430.40	
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0268	MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,270.27	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0269	MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,135.35	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
	<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0270	MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	15,878.83	566.92
	<i>For Work In Restricted Working Space, Add</i>	283.46	
	<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,858.49	
	<i>For Work In Restricted Working Space, Add</i>	283.46	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed

(27 15 23 00-0242)

27 15 23 00-0272	MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,158.74	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0273	MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,283.75	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0274	MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,555.67	503.93
	<i>For Work In Restricted Working Space, Add</i>	251.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,833.04 251.96	503.93	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,098.81 251.96	503.93	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,329.72 251.96	503.93	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,889.22 283.46	566.92	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,861.54 283.46	566.92	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,819.87 283.46	566.92	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,778.21 283.46	566.92	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,736.54 283.46	566.92	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,694.87 283.46	566.92	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	16,625.53 283.46	566.92	
27 15 23 00-0285		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0241)			
27 15 23 00-0286		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)			
27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,871.18 251.96	503.93	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,255.36 251.96	503.93	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,178.92 251.96	503.93	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,084.05 251.96	503.93	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,528.61 251.96	503.93	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,217.48 283.46	566.92	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	13,195.42 283.46	566.92	
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	15,916.64 283.46	566.92	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	19,805.62 283.46	566.92	
27 15 23 00-0296		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)			
27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,229.43 251.96	503.93	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,927.25 251.96	503.93	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,172.83 251.96	503.93	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,807.65 251.96	503.93	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,762.53 251.96	503.93	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,177.87 283.46	566.92	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,013.07 283.46	566.92	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,758.72 283.46	566.92	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	18,529.91 283.46	566.92	
27 15 23 00-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)			

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0307	MLF		2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,348.91	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0308	MLF		4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,081.62	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0309	MLF		6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,389.48	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0310	MLF		8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,056.04	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0311	MLF		12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,008.66	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0312	MLF		18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,589.52	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0313	MLF		24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,416.48	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0314	MLF		36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,299.42	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0315	MLF		48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	19,409.16	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0316			Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0317			Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0318	MLF		6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	1,317.99	377.95
27 15 23 00-0319	MLF		12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	2,248.58	377.95
27 15 23 00-0320	MLF		24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	5,219.00	440.94
27 15 23 00-0321	MLF		48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	8,243.22	440.94
27 15 23 00-0322			Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0323	MLF		6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	1,575.43	377.95
27 15 23 00-0324	MLF		12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	2,284.81	377.95
27 15 23 00-0325	MLF		24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	6,199.68	440.94
27 15 23 00-0326	MLF		48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit.....	10,714.42	440.94
27 15 23 00-0327			Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small> Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0328			Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0329	MLF		6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	1,527.96	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0330	MLF		12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	2,458.55	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0331	MLF		24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	5,428.97	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0332	MLF		48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	8,453.19	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	
27 15 23 00-0333			Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0334	MLF		6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	1,785.40	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0335	MLF		12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	2,494.78	503.93
			<i>For Work In Restricted Working Space, Add</i>	251.96	
27 15 23 00-0336	MLF		24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed.....	6,409.65	566.92
			<i>For Work In Restricted Working Space, Add</i>	283.46	

MINOR		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI UOM DESCRIPTION			

27 15 23 00-0337	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed For Work In Restricted Working Space, Add	10,924.39 283.46	566.92
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27 15 23 00-0338	Outdoor Fiber Optic Cable ^(27 15 23) Note: Cable buried in trench excludes excavation.		
27 15 23 00-0339	Outdoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0338) Note: Excludes conduit or innerduct.		
27 15 23 00-0340	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0339)		
27 15 23 00-0341	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0340)		
27 15 23 00-0342	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,764.03 246.29	755.90
27 15 23 00-0343	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,794.69 248.32	755.90
27 15 23 00-0344	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,825.40 250.30	755.90
27 15 23 00-0345	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,856.08 252.70	755.90
27 15 23 00-0346	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,917.05 228.66	755.90
27 15 23 00-0347	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,041.76 254.76	755.90
27 15 23 00-0348	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,105.87 200.55	755.90
27 15 23 00-0349	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,125.65 234.42	755.90
27 15 23 00-0350	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,492.53 257.90	755.90
27 15 23 00-0351	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,694.81 257.87	755.90
27 15 23 00-0352	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,957.24 304.79	755.90
27 15 23 00-0353	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	3,419.25 292.62	755.90
27 15 23 00-0354	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	3,924.06 355.33	755.90
27 15 23 00-0355	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	4,452.39 237.86	755.90
27 15 23 00-0356	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0340)		
27 15 23 00-0357	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,073.83 44.00	755.90
27 15 23 00-0358	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,120.03 74.80	755.90
27 15 23 00-0359	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,216.83 121.00	755.90
27 15 23 00-0360	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,348.83 22.00	755.90
27 15 23 00-0361	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,403.83 44.00	755.90
27 15 23 00-0362	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,590.83 66.00	755.90
27 15 23 00-0363	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	2,986.83 44.00	755.90
27 15 23 00-0364	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	3,569.83 132.00	755.90
27 15 23 00-0365	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	4,218.83 44.00	755.90
27 15 23 00-0366	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	4,669.83 132.00	755.90
27 15 23 00-0367	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	5,252.83 517.00	755.90
27 15 23 00-0368	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	6,605.83 176.00	755.90
27 15 23 00-0369	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	7,947.83 209.00	755.90
27 15 23 00-0370	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	9,289.83 253.00	755.90
27 15 23 00-0371	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0340)		
27 15 23 00-0372	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,551.28 105.32	755.90
27 15 23 00-0373	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,652.54 112.95	755.90
27 15 23 00-0374	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,753.65 120.38	755.90
27 15 23 00-0375	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit For Corrugated Coated Steel Tape Armored Cable, Add	1,878.54 137.05	755.90

27 Communications

27 10 Structured Cabling

27 15 Communications Horizontal Cabling



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0376	MLF		12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,057.42 142.91	755.90
27 15 23 00-0377	MLF		18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,373.66 152.31	755.90
27 15 23 00-0378	MLF		24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,673.22 175.16	755.90
27 15 23 00-0379	MLF		36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,246.55 194.64	755.90
27 15 23 00-0380	MLF		48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,917.14 223.80	755.90
27 15 23 00-0381	MLF		60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,536.52 240.82	755.90
27 15 23 00-0382	MLF		72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,190.24 272.57	755.90
27 15 23 00-0383	MLF		96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,512.42 306.47	755.90
27 15 23 00-0384	MLF		120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,855.82 347.81	755.90
27 15 23 00-0385	MLF		144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,219.95 319.48	755.90
27 15 23 00-0386			Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0386)		
27 15 23 00-0387			Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0387)		
27 15 23 00-0388	MLF		2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,939.62 194.63	755.90
27 15 23 00-0389	MLF		4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,999.41 279.35	755.90
27 15 23 00-0390	MLF		6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,017.36 267.71	755.90
27 15 23 00-0391	MLF		8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,088.98 222.86	755.90
27 15 23 00-0392	MLF		12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,111.33 266.36	755.90
27 15 23 00-0393	MLF		18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,211.71 252.62	755.90
27 15 23 00-0394	MLF		24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,301.71 255.62	755.90
27 15 23 00-0395	MLF		36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,445.28 324.15	755.90
27 15 23 00-0396	MLF		48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,647.55 328.38	755.90
27 15 23 00-0397	MLF		60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,849.04 340.20	755.90
27 15 23 00-0398	MLF		72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,122.21 292.63	755.90
27 15 23 00-0399	MLF		96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,564.07 381.64	755.90
27 15 23 00-0400	MLF		120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,142.14 375.79	755.90
27 15 23 00-0401	MLF		144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,615.19 300.18	755.90
27 15 23 00-0402			50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0402)		
27 15 23 00-0403	MLF		2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,141.19 275.42	755.90
27 15 23 00-0404	MLF		4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,350.51 154.24	755.90
27 15 23 00-0405	MLF		6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,625.94 33.05	755.90
27 15 23 00-0406	MLF		8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,758.14 55.08	755.90
27 15 23 00-0407	MLF		12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,890.35 55.08	755.90
27 15 23 00-0408	MLF		18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,198.82 66.10	755.90
27 15 23 00-0409	MLF		24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,474.25 253.39	755.90
27 15 23 00-0410	MLF		36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,069.17 495.76	755.90
27 15 23 00-0411	MLF		48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,664.08 826.28	755.90
27 15 23 00-0412	MLF		60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,159.85 908.90	755.90
27 15 23 00-0413	MLF		72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,809.85 1,156.78	755.90
27 15 23 00-0414	MLF		96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,164.94 1,707.64	755.90
27 15 23 00-0415	MLF		120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,848.00 1,288.99	755.90
27 15 23 00-0416	MLF		144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,599.70 3,139.84	755.90

**27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic
Cable, Installed In Conduit** (27 15 23 00-0386)

27 15 23 00-0418	MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,619.66 132.20	755.90
27 15 23 00-0419	MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,718.81 142.91	755.90
27 15 23 00-0420	MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,817.80 153.61	755.90
27 15 23 00-0421	MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,916.95 164.29	755.90
27 15 23 00-0422	MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,173.80 176.71	755.90
27 15 23 00-0423	MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,425.66 207.08	755.90
27 15 23 00-0424	MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,734.28 224.92	755.90
27 15 23 00-0425	MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,331.63 277.90	755.90
27 15 23 00-0426	MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,940.16 318.40	755.90
27 15 23 00-0427	MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,550.77 354.56	755.90
27 15 23 00-0428	MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,192.83 395.39	755.90
27 15 23 00-0429	MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,495.73 466.21	755.90
27 15 23 00-0430	MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,177.40 481.95	755.90
27 15 23 00-0431	MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,162.93 497.53	755.90

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0388)
Note: Excludes trenching.

27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0432)

**27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried
In Trench** (27 15 23 00-0433)

27 15 23 00-0435	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,659.04 246.29	
27 15 23 00-0436	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,689.70 248.32	1,689.70
27 15 23 00-0437	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,720.41 250.30	1,720.41
27 15 23 00-0438	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,751.09 252.70	1,751.09
27 15 23 00-0439	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,812.06 228.66	1,812.06
27 15 23 00-0440	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,936.77 254.76	1,936.77
27 15 23 00-0441	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,000.88 200.55	2,000.88
27 15 23 00-0442	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,020.66 234.42	2,020.66
27 15 23 00-0443	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,387.54 257.90	2,387.54
27 15 23 00-0444	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,847.69 257.87	2,847.69
27 15 23 00-0445	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,157.04 304.79	3,157.04
27 15 23 00-0446	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,314.26 292.62	3,314.26
27 15 23 00-0447	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,819.07 355.33	3,819.07
27 15 23 00-0448	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,347.40 237.86	4,347.40

**27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic
Cable, Buried In Trench** (27 15 23 00-0433)

27 15 23 00-0450	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,968.84 44.00	
27 15 23 00-0451	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,015.04 74.80	2,015.04
27 15 23 00-0452	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,111.84 121.00	2,111.84
27 15 23 00-0453	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,243.84 22.00	2,243.84
27 15 23 00-0454	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,298.84 44.00	2,298.84
27 15 23 00-0455	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,485.84 66.00	2,485.84
27 15 23 00-0456	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,881.84 44.00	2,881.84
27 15 23 00-0457	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,464.84 132.00	3,464.84

27 Communications

27 10 Structured Cabling

27 15 Communications Horizontal Cabling

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 15 23 00-0458	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,113.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	44.00	
27 15 23 00-0459	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,564.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	132.00	
27 15 23 00-0460	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,147.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	517.00	
27 15 23 00-0461	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,500.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	176.00	
27 15 23 00-0462	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,842.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	209.00	
27 15 23 00-0463	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,184.84	
	For Corrugated Coated Steel Tape Armored Cable, Add	253.00	

27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0433)

27 15 23 00-0465	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,446.29	
	For Corrugated Coated Steel Tape Armored Cable, Add	105.32	
27 15 23 00-0466	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,547.55	
	For Corrugated Coated Steel Tape Armored Cable, Add	112.95	
27 15 23 00-0467	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,648.66	
	For Corrugated Coated Steel Tape Armored Cable, Add	120.38	
27 15 23 00-0468	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,773.55	
	For Corrugated Coated Steel Tape Armored Cable, Add	137.05	
27 15 23 00-0469	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,952.43	
	For Corrugated Coated Steel Tape Armored Cable, Add	142.91	
27 15 23 00-0470	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,268.67	
	For Corrugated Coated Steel Tape Armored Cable, Add	152.31	
27 15 23 00-0471	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,568.23	
	For Corrugated Coated Steel Tape Armored Cable, Add	175.16	
27 15 23 00-0472	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,141.56	
	For Corrugated Coated Steel Tape Armored Cable, Add	194.64	
27 15 23 00-0473	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,812.15	
	For Corrugated Coated Steel Tape Armored Cable, Add	223.80	
27 15 23 00-0474	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,431.53	
	For Corrugated Coated Steel Tape Armored Cable, Add	240.82	
27 15 23 00-0475	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,085.25	
	For Corrugated Coated Steel Tape Armored Cable, Add	272.57	
27 15 23 00-0476	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,407.43	
	For Corrugated Coated Steel Tape Armored Cable, Add	306.47	
27 15 23 00-0477	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,750.83	
	For Corrugated Coated Steel Tape Armored Cable, Add	347.81	
27 15 23 00-0478	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,114.96	
	For Corrugated Coated Steel Tape Armored Cable, Add	319.48	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0432)

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0481	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,834.63	
	For Corrugated Coated Steel Tape Armored Cable, Add	194.63	
27 15 23 00-0482	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,894.42	
	For Corrugated Coated Steel Tape Armored Cable, Add	279.35	
27 15 23 00-0483	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,912.37	
	For Corrugated Coated Steel Tape Armored Cable, Add	267.71	
27 15 23 00-0484	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,983.99	
	For Corrugated Coated Steel Tape Armored Cable, Add	222.86	
27 15 23 00-0485	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,006.34	
	For Corrugated Coated Steel Tape Armored Cable, Add	266.36	
27 15 23 00-0486	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,106.72	
	For Corrugated Coated Steel Tape Armored Cable, Add	252.62	
27 15 23 00-0487	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,196.72	
	For Corrugated Coated Steel Tape Armored Cable, Add	255.62	
27 15 23 00-0488	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,340.29	
	For Corrugated Coated Steel Tape Armored Cable, Add	324.15	
27 15 23 00-0489	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,542.56	
	For Corrugated Coated Steel Tape Armored Cable, Add	328.38	
27 15 23 00-0490	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,744.05	
	For Corrugated Coated Steel Tape Armored Cable, Add	340.20	
27 15 23 00-0491	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,017.22	
	For Corrugated Coated Steel Tape Armored Cable, Add	292.63	
27 15 23 00-0492	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,459.08	
	For Corrugated Coated Steel Tape Armored Cable, Add	381.64	
27 15 23 00-0493	MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,037.15	
	For Corrugated Coated Steel Tape Armored Cable, Add	375.79	
27 15 23 00-0494	MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,510.20	
	For Corrugated Coated Steel Tape Armored Cable, Add	300.18	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0496	MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,036.20	
	For Corrugated Coated Steel Tape Armored Cable, Add	275.42	
27 15 23 00-0497	MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,245.52	
	For Corrugated Coated Steel Tape Armored Cable, Add	154.24	

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27 15 23 00-0498	MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,520.95 33.05	
27 15 23 00-0499	MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,653.15 55.08	
27 15 23 00-0500	MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,785.36 55.08	
27 15 23 00-0501	MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,093.83 66.10	
27 15 23 00-0502	MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,369.26 253.39	
27 15 23 00-0503	MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,964.18 495.76	
27 15 23 00-0504	MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,559.09 826.28	
27 15 23 00-0505	MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,054.86 908.90	
27 15 23 00-0506	MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,704.86 1,156.78	
27 15 23 00-0507	MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,059.95 1,707.64	
27 15 23 00-0508	MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,743.01 1,288.99	
27 15 23 00-0509	MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,494.71 3,139.84	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)

27 15 23 00-0511	MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,514.67 132.20	
27 15 23 00-0512	MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,613.82 142.91	
27 15 23 00-0513	MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,712.81 153.61	
27 15 23 00-0514	MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,811.96 164.29	
27 15 23 00-0515	MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,068.81 176.71	
27 15 23 00-0516	MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,320.67 207.08	
27 15 23 00-0517	MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,629.29 224.92	
27 15 23 00-0518	MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,226.64 277.90	
27 15 23 00-0519	MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,835.17 318.40	
27 15 23 00-0520	MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,445.78 354.56	
27 15 23 00-0521	MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,087.84 395.39	
27 15 23 00-0522	MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,390.74 466.21	
27 15 23 00-0523	MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,778.85 481.95	
27 15 23 00-0524	MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,057.94 497.53	

27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0338)

27 15 23 00-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0525)

27 15 23 00-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (27 15 23 00-0526)

27 15 23 00-0528	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,964.19 164.73	2,712.11
27 15 23 00-0529	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,994.65 168.99	2,712.11
27 15 23 00-0530	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,025.52 173.14	2,712.11
27 15 23 00-0531	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,055.99 169.83	2,712.11
27 15 23 00-0532	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,116.95 197.99	2,712.11
27 15 23 00-0533	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,237.32 205.83	2,712.11
27 15 23 00-0534	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,329.13 227.50	2,712.11
27 15 23 00-0535	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,547.40 218.14	2,712.11
27 15 23 00-0536	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,738.28 253.42	2,712.11
27 15 23 00-0537	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,896.07 243.01	2,712.11
27 15 23 00-0538	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,092.91 277.84	2,712.11

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0539	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,609.53 282.19	2,712.11
27 15 23 00-0540	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,163.81 336.72	2,712.11
27 15 23 00-0541	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,296.69 361.57	2,712.11
27 15 23 00-0542	Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543	Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0544	MLF 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	3,388.03	629.91
27 15 23 00-0545	MLF 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,279.98	629.91
27 15 23 00-0546	MLF 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,266.92	629.91
27 15 23 00-0547	Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0548	MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,525.67	629.91
27 15 23 00-0549	MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,032.55	629.91
27 15 23 00-0550	MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,249.78	629.91
27 15 23 00-0551	Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552	Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0553	MLF 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,283.04	577.42
27 15 23 00-0554	MLF 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,174.99	577.42
27 15 23 00-0555	MLF 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	6,161.93	577.42
27 15 23 00-0556	Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0557	MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,420.68	577.42
27 15 23 00-0558	MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,927.56	577.42
27 15 23 00-0559	MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,144.79	577.42
27 15 33	Communications Coaxial Horizontal Cabling <small>(27 15)</small> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001	Indoor Coaxial Cable <small>(27 15 33)</small>		
27 15 33 00-0002	Coaxial Distribution Cable <small>(27 15 33 00-0001)</small> Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal		
27 15 33 00-0003	MLF RG-6/U Coaxial Distribution Cable, In Conduit	1,924.73	306.86
27 15 33 00-0004	MLF RG-6A/U Coaxial Distribution Cable, In Conduit.....	6,738.25	306.86
27 15 33 00-0005	MLF RG-8/U Coaxial Distribution Cable, In Conduit	3,625.24	324.13
27 15 33 00-0006	MLF RG-8A/U Coaxial Distribution Cable, In Conduit.....	4,529.42	324.13
27 15 33 00-0007	MLF RG-11/U Coaxial Distribution Cable, In Conduit	4,072.50	383.58
27 15 33 00-0008	MLF RG-11A/U Coaxial Distribution Cable, In Conduit.....	5,821.12	383.58
27 15 33 00-0009	MLF RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	12,456.35	537.02
27 15 33 00-0010	MLF RG-58/U Coaxial Distribution Cable, In Conduit	1,438.96	268.51
27 15 33 00-0011	MLF RG-58A/U Coaxial Distribution Cable, In Conduit.....	1,618.13	268.51
27 15 33 00-0012	MLF RG-58C/U Coaxial Distribution Cable, In Conduit.....	1,933.76	268.51
27 15 33 00-0013	MLF RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	4,666.62	537.02
27 15 33 00-0014	MLF RG-59/U Coaxial Distribution Cable, In Conduit	2,276.03	268.51
27 15 33 00-0015	MLF RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	5,605.72	537.02
27 15 33 00-0016	MLF 1/2" Hard Line Coaxial, In Conduit.....	1,979.28	383.58
27 15 33 00-0017	Coaxial, Indoor Telecommunications Cable <small>(27 15 33 00-0001)</small>		
27 15 33 00-0018	Coaxial, Indoor Telecommunications Cable, Installed In Conduit <small>(27 15 33 00-0017)</small>		
27 15 33 00-0019	MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	1,236.58	440.94
27 15 33 00-0020	MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	2,667.52	440.94
27 15 33 00-0021	MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	1,081.46	503.93
27 15 33 00-0022	MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	3,336.19	503.93
27 15 33 00-0023	Coaxial, Indoor Telecommunications Cable, Installed Exposed <small>(27 15 33 00-0017)</small>		
27 15 33 00-0024	MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	1,971.48 440.94	881.88
27 15 33 00-0025	MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	3,402.42 440.94	881.88
27 15 33 00-0026	MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	1,921.35 503.93	1,007.86

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 33 00-0027	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)..... <i>For Work In Restricted Working Space, Add</i>	4,176.08 503.93	1,007.86
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27 15 33 00-0028 Outdoor Coaxial Cable (27 15 33)

27 15 33 00-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core (27 15 33 00-0029)

Note: Corrugated steel armor jacket.

27 15 33 00-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial.....	5,581.65	1,435.76
27 15 33 00-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial.....	3,546.69	1,009.88
27 15 33 00-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial.....	2,928.83	595.80
27 15 33 00-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial.....	1,673.75	595.80
27 15 33 00-0034	MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit.....	2,511.65	930.96

27 15 43 Communications Faceplates And Connectors (27 15)

27 15 43 00-0001 Plastic Communications Faceplates (27 15 43)

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

27 15 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID.....	7.82	2.63
27 15 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID.....	7.82	2.63
27 15 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID.....	7.82	2.63
27 15 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID.....	7.82	2.63
27 15 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID.....	7.82	2.63
27 15 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID.....	11.58	2.63
27 15 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID.....	11.58	2.63
27 15 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID.....	11.58	2.63
27 15 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID.....	11.58	2.63
27 15 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID.....	11.58	2.63

27 15 43 00-0012 Stainless Steel Communications Faceplates (27 15 43)

27 15 43 00-0013 Stainless Steel Communications Faceplates (27 15 43 00-0012)

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

27 15 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate.....	14.01	2.63
27 15 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate.....	14.01	2.63
27 15 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate.....	14.01	2.63
27 15 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate.....	14.92	2.63
27 15 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate.....	14.92	2.63
27 15 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate.....	19.81	2.63
27 15 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate.....	20.38	2.63
27 15 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate.....	23.45	2.63
27 15 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate.....	23.45	2.63
27 15 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate.....	23.45	2.63

27 15 43 00-0024 Stainless Steel Communications Faceplates With Station ID (27 15 43 00-0012)

27 15 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	19.70	2.63
27 15 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	19.70	2.63
27 15 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	19.70	2.63
27 15 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	19.70	2.63
27 15 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	19.70	2.63
27 15 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	41.40	2.63
27 15 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	41.40	2.63
27 15 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	41.40	2.63
27 15 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID.....	41.40	2.63
27 15 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	41.40	2.63

27 15 43 00-0035 Snap-In Modular Jacks (27 15 43)

Note: Includes termination.

27 15 43 00-0036	EA	Cat 3, Snap-In Modular Jack.....	27.50	10.51
27 15 43 00-0037	EA	Cat 5E, Snap-In Modular Jack.....	28.75	10.51
27 15 43 00-0038	EA	Cat 5E Shielded, Snap-In Modular Jack.....	32.50	10.51
27 15 43 00-0039	EA	Cat 6, Snap-In Modular Jack.....	32.50	10.51
27 15 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack.....	36.71	10.51
27 15 43 00-0041	EA	Cat 6A, Snap-In Modular Jack.....	37.34	10.51
27 15 43 00-0042	EA	Voice, RJ-11, Snap-In Modular Jack.....	17.75	5.26
27 15 43 00-0043	EA	SC Type Fiber Optic, Snap-In Modular Jack.....	30.34	10.51
27 15 43 00-0044	EA	ST Type Fiber Optic, Snap-In Modular Jack.....	33.52	10.51
27 15 43 00-0045	EA	LC Type Fiber Optic, Snap-In Modular Jack.....	39.77	10.51
27 15 43 00-0046	EA	Blank Fill In, Snap-In Modular Jack.....	5.85	2.63
27 15 43 00-0047	EA	Open Cable Pass Through Insert, Snap-In Modular Jack.....	6.53	2.63
27 15 43 00-0048	EA	Coaxial F-Type Coupler, Snap-In Modular Jack.....	22.70	7.88

Note: Includes female to female connection.

For Gold Bulkhead, Add 1.21

27 15 43 00-0049	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack.....	22.93	7.88
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Note: Includes female to female connection.

27 15 43 00-0050	EA	RCA Solder Coupler, Snap-In Modular Jack.....	47.39	10.51
27 15 43 00-0051	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack.....	56.60	10.51
27 15 43 00-0052	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack.....	28.41	10.51
27 15 43 00-0053	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack.....	28.11	5.26
27 15 43 00-0054	EA	BNC Connector, Snap-In Modular Jack.....	32.16	10.51
27 15 43 00-0055	EA	S-Video With 110 Punch Down, Snap-In Modular Jack.....	35.57	10.51

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 43 00-0056	PR Speaker Connectors, Snap-In Modular Jack Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.	46.94	15.77
27 15 43 00-0057	EA USB Audio Video Connector, Snap-In Modular Jack.....	51.25	10.51
27 15 43 00-0058	Surface Mount Plastic Communication Boxes (27 15 43) Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.		
27 15 43 00-0059	EA One Port, Surface Mount Plastic Communication Box With Station ID.....	29.52	13.14
27 15 43 00-0060	EA Two Port, Surface Mount Plastic Communication Box With Station ID.....	30.09	13.14
27 15 43 00-0061	EA Four Port, Surface Mount Plastic Communication Box With Station ID.....	34.01	13.14
27 15 43 00-0062	EA Six Port, Surface Mount Plastic Communication Box With Station ID.....	38.67	13.14
27 15 43 00-0063	EA Twelve Port, Surface Mount Plastic Communication Box With Station ID.....	43.56	13.14
27 15 43 00-0064	Wall Mounted Telephone Faceplates (27 15 43) Note: Includes standard telephone mounting studs.		
27 15 43 00-0065	Plastic Faceplates For Wall Mounted Telephones (27 15 43 00-0064)		
27 15 43 00-0066	EA Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones.....	33.78	13.12
27 15 43 00-0067	Stainless Steel Faceplates For Wall Mounted Telephones (27 15 43 00-0064)		
27 15 43 00-0068	EA Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones..... Note: Requires one snap-in modular jack.	26.41	5.25
27 15 43 00-0069	EA Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	47.74	13.12
27 15 43 00-0070	EA Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	55.78	15.75
27 15 43 00-0071	EA Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones..... Note: Requires one snap-in modular jack.	25.48	5.25
27 15 43 00-0072	EA Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	43.82	13.12
27 15 43 00-0073	EA Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	51.96	15.75
27 15 53	Communications Cable Innerduct (27 15) Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 53 00-0001	Indoor Innerduct (27 15 53)		
27 15 53 00-0002	Indoor Innerduct, Installed In Conduit (27 15 53 00-0001)		
27 15 53 00-0003	Riser Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)		
27 15 53 00-0004	MLF 1" Riser Rated, Indoor Innerduct, Installed In Conduit.....	3,839.18	1,574.78
27 15 53 00-0005	MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit.....	5,006.43	2,099.71
27 15 53 00-0006	MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	6,555.15	2,624.64
27 15 53 00-0007	MLF 2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	7,707.71	3,149.56
27 15 53 00-0008	Plenum Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)		
27 15 53 00-0009	MLF 3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	5,088.03	1,049.85
27 15 53 00-0010	MLF 1" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	5,727.36	1,574.78
27 15 53 00-0011	MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	7,303.75	2,099.71
27 15 53 00-0012	MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	9,340.84	2,624.64
27 15 53 00-0013	MLF 2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	11,235.33	3,149.56
27 15 53 00-0014	Indoor Innerduct, Installed Exposed (27 15 53 00-0001)		
27 15 53 00-0015	Riser Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)		
27 15 53 00-0016	MLF 1" Riser Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	4,889.04 1,259.83	2,099.71
27 15 53 00-0017	MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	6,056.28 1,574.78	2,624.64
27 15 53 00-0018	MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	7,605.00 1,889.74	3,149.56
27 15 53 00-0019	MLF 2" Riser Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	8,757.56 2,204.69	3,674.49
27 15 53 00-0020	Plenum Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)		
27 15 53 00-0021	MLF 3/4" Plenum Rated, Indoor Innerduct, Installed Exposed.....	6,137.89	1,574.78
27 15 53 00-0022	MLF 1" Plenum Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	6,777.22 1,259.83	2,099.71
27 15 53 00-0023	MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	8,353.60 1,574.78	2,624.64
27 15 53 00-0024	MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	10,390.69 1,889.74	3,149.56
27 15 53 00-0025	MLF 2" Plenum Rated, Indoor Innerduct, Installed Exposed..... For Work In Restricted Working Space, Add	12,285.18 2,204.69	3,674.49
27 15 53 00-0026	Outdoor Innerduct (27 15 53)		
27 15 53 00-0027	Outdoor Innerduct, Installed In Conduit (27 15 53 00-0026)		
27 15 53 00-0028	MLF 1" Outdoor Innerduct, Installed In Conduit.....	3,663.11	1,574.78
27 15 53 00-0029	MLF 1-1/4" Outdoor Innerduct, Installed In Conduit.....	4,746.78	2,099.71
27 15 53 00-0030	MLF 1-1/2" Outdoor Innerduct, Installed In Conduit.....	6,030.16	2,624.64
27 15 53 00-0031	MLF 2" Outdoor Innerduct, Installed In Conduit.....	7,210.89	3,149.56

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 15 53 00-0032	Outdoor Innerduct, Buried In Trench <small>(27 15 53 00-0026)</small>		
27 15 53 00-0033	MLF 1" Outdoor Innerduct, Buried In Trench	2,613.26	
27 15 53 00-0034	MLF 1-1/4" Outdoor Innerduct, Buried In Trench	3,696.92	
27 15 53 00-0035	MLF 1-1/2" Outdoor Innerduct, Buried In Trench	4,980.31	
27 15 53 00-0036	MLF 2" Outdoor Innerduct, Buried In Trench	6,161.04	

27 16 Communications Connecting Cords, Devices, And Adapters (27 16)

27 16 16 Communications Media Converters, Adapters, and Transceivers (27 16)

27 16 16 00-0001	Fiber Optic Receivers <small>(27 16 16)</small>		
27 16 16 00-0002	EA Fiber Optic Receiver, Range 6.2 Miles	666.20	52.49
27 16 16 00-0003	Fiber Optic Transmitters <small>(27 16 16)</small>		
27 16 16 00-0004	EA Fiber Optic Transmitter, Range 6.2 Miles	666.19	52.49
27 16 16 00-0005	Fiber Optic Repeaters <small>(27 16 16)</small>		
	Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	771.17	104.99
27 16 16 00-0007	EA Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,229.32	209.97
27 16 16 00-0008	Fiber Optic Transceivers <small>(27 16 16)</small>		
27 16 16 00-0009	EA Fiber Optic Transceivers, 3,000 Miles Range	848.64	209.97
27 16 16 00-0010	EA Fiber Optic Transceivers, Digital 2,000 Miles Range	848.64	209.97
27 16 16 00-0011	EA Fiber Optic Ethernet Transceiver	1,107.02	314.96
27 16 16 00-0012	EA Transceiver (Low Cost Bi- Directional)	384.76	78.74

27 16 19 Communications Patch Cords, Station Cords, And Cross Connect Wire (27 16)

27 16 19 00-0001	Cross Connect Wire <small>(27 16 19)</small>		
	Note: Up to 20' length.		
27 16 19 00-0002	EA 2-Pair Cross Connect Wire	16.75	
27 16 19 00-0003	EA 3-Pair Cross Connect Wire	22.43	
27 16 19 00-0004	EA 4-Pair Cross Connect Wire	28.05	

27 16 19 00-0005	Fiber Optic Patch Cords <small>(27 16 19)</small>		
27 16 19 00-0006	Simplex Fiber Optic Patch Cables <small>(27 16 19 00-0005)</small>		
27 16 19 00-0007	Singlemode, Simplex Fiber Optic Patch Cables <small>(27 16 19 00-0006)</small>		
27 16 19 00-0008	EA ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	35.66	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	
27 16 19 00-0009	EA ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	29.59	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	
27 16 19 00-0010	EA ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	37.49	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	
27 16 19 00-0011	EA SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	30.98	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	
27 16 19 00-0012	EA SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	35.41	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	
27 16 19 00-0013	EA LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	34.92	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.26</i>	

27 16 19 00-0014 Duplex Fiber Optic Patch Cables (27 16 19 00-0005)

27 16 19 00-0015	Singlemode, Duplex Fiber Optic Patch Cables <small>(27 16 19 00-0014)</small>		
27 16 19 00-0016	EA ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	60.10	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	
27 16 19 00-0017	EA ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	58.39	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	
27 16 19 00-0018	EA ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	64.48	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	
27 16 19 00-0019	EA SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	50.74	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	
27 16 19 00-0020	EA SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	59.59	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	
27 16 19 00-0021	EA LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	58.63	
	<i>For Each Additional Meter In Length, Add</i>	<i>0.51</i>	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)

27 16 19 00-0023	EA ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	46.05	
	<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0024	EA ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	50.02	
	<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0025	EA ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	50.43	
	<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	

27 Communications**27 10 Structured Cabling****27 16 Communications Connecting Cords, Devices, And Adapters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	51.71	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	46.22	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	51.93	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	60.55	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	42.56	
		<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	51.19	
		<i>For Each Additional Meter In Length, Add</i>	1.48	

27 16 19 00-0032 Fiber Optic Cable Pig Tail ^(27 16 19)

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	66.42	36.74
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail.....	80.84	36.74

27 16 19 00-0035 Ethernet Patch Cords ^(27 16 19)

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots.....	12.58	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots.....	13.66	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots.....	14.76	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots.....	21.50	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots.....	27.08	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots.....	35.34	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	13.87	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	16.62	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	16.68	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots.....	20.19	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	26.67	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	33.11	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	51.23	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	89.02	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots.....	25.07	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots.....	26.71	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots.....	27.93	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots.....	32.39	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots.....	39.50	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots.....	50.05	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots.....	73.73	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots.....	129.96	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06)	12.58	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06)	13.66	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06)	14.76	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06)	21.50	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06)	27.08	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06)	35.34	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06).....	13.87	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06).....	16.62	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06).....	16.68	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06).....	20.19	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06).....	26.67	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06).....	33.11	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09).....	25.07	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09).....	26.71	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09).....	27.93	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09).....	32.39	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09).....	39.50	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09).....	50.05	

27 20 Data Communications ⁽²⁷⁾**27 21 Data Communications Network Equipment ^(27 20)**

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems^(27 21)**27 21 16 00-0001 Fiber Optic Modems ^(27 21 16)**

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles.....	1,355.28	209.97
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	2,524.45	209.97

27 21 16 00-0004 Ethernet Hubs and Switches ^(27 21 16)

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management.....	2,471.29	157.68
27 21 16 00-0006	EA	16 Port Unmanaged Hub	473.73	105.12
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E).....	3,315.25	105.12
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC).....	995.12	52.56

27 21 16 00-0009 Network Equipment ^(27 21 16)**27 21 16 00-0010 Communications Entrance Protection ^(27 21 16 00-0009)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0011 EA 100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C).....	725.42	78.84
Note: Excludes terminations.		
27 21 16 00-0012 EA Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	8.82	1.05
27 21 16 00-0013 Communications Cabinets, Racks, Frames And Enclosures (27 21 16 00-0009)		
27 21 16 00-0014 EA 19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	870.79	78.84
For Fan Kit (Chatsworth 12804-701), Add	114.55	
27 21 16 00-0015 EA 10 Outlet, 125 Volt, 20 Amp Telecommunications Cabinet Power Strip (Chatsworth 13239-757).....	754.96	5.26
27 21 16 00-0016 Communications Termination Blocks And Patch Panels (27 21 16 00-0009)		
27 21 16 00-0017 Communications Termination Blocks (27 21 16 00-0016)		
27 21 16 00-0018 EA 4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810).....	271.89	15.75
27 21 16 00-0019 EA 5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802).....	253.28	15.75
27 21 16 00-0020 EA 4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869).....	602.22	15.75
27 21 16 00-0021 EA 5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851).....	560.35	15.75
27 21 16 00-0022 EA 110 Connector System Mounting Brackets (CommScope 107535593).....	87.64	15.75
27 21 16 00-0023 EA 110 Connector System Mounting Brackets (CommScope 107535585).....	94.40	15.75
27 21 16 00-0024 EA 110 Connector System Mounting Brackets (CommScope 107098816).....	107.06	15.75
27 21 16 00-0025 Communications Copper Patch Panels (27 21 16 00-0016)		
Note: Excludes cabinet and terminations.		
27 21 16 00-0026 EA 24 Port, Category 5E Patch Panel (CommScope 108208919)	272.73	34.16
27 21 16 00-0027 EA 48 Port, Category 5E Patch Panel (CommScope 108208935)	492.91	42.05
27 21 16 00-0028 EA 24 Port, Category 6 Patch Panel (CommScope 760062372)	400.26	34.16
27 21 16 00-0029 EA 48 Port, Category 6 Patch Panel (CommScope 760062380)	742.65	42.05
27 21 16 00-0030 Communications Optical Fiber Patch Panels (27 21 16 00-0016)		
27 21 16 00-0031 Closet Connector Housings (27 21 16 00-0030)		
27 21 16 00-0032 EA 48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U).....	309.14	21.02
Note: Accepts up to 2 closet connector housing panels. Excludes panels.		
27 21 16 00-0033 EA 96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U).....	359.65	21.02
Note: Accepts up to 4 closet connector housing panels. Excludes panels.		
27 21 16 00-0034 EA 288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U).....	446.75	21.02
Note: Accepts up to 12 closet connector housing panels. Excludes panels.		
27 21 16 00-0035 EA SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91).....	97.59	10.51
27 21 16 00-0036 EA SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59).....	131.85	10.51
27 21 16 00-0037 EA SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56).....	109.69	10.51
27 21 16 00-0038 EA SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C).....	142.93	10.51
27 21 16 00-0039 Communications Cable Management (27 21 16 00-0009)		
27 21 16 00-0040 Horizontal Communication Cable Management (27 21 16 00-0039)		
27 21 16 00-0041 EA 1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE).....	106.03	21.02
27 21 16 00-0042 EA 3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E).....	109.35	21.02
27 21 16 00-0043 Vertical Communication Cable Management (27 21 16 00-0039)		
27 21 16 00-0044 EA 6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703).....	608.40	52.56
27 21 16 00-0045 EA 19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	629.87	52.56
27 21 16 00-0046 EA 23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	678.16	52.56
27 21 16 00-0047 Communications Patch Cords, Station Cords, And Cross Connect Wire (27 21 16 00-0009)		
27 21 16 00-0048 Premise Cross-Connect Wire (27 21 16 00-0047)		
27 21 16 00-0049 LF 1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.08	0.52
27 21 16 00-0050 Pathways For Communications Systems (27 21 16 00-0009)		
27 21 16 00-0051 Conduits And Backboxes For Communication Systems (27 21 16 00-0050)		
27 21 16 00-0052 Flexible Conduit For Communication Systems (27 21 16 00-0051)		
27 21 16 00-0053 CLF 1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C).....	421.12	188.97
27 21 16 00-0054 CLF 1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C).....	594.54	188.97
27 21 16 00-0055 Tube Cables For Communication Systems (27 21 16 00-0051)		
27 21 16 00-0056 Outdoor/All-Dielectric Tube Cables (27 21 16 00-0055)		
27 21 16 00-0057 CLF Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	355.93	125.98
27 21 16 00-0058 CLF Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX).....	527.72	157.48
27 21 16 00-0059 CLF Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	869.34	188.97
27 21 16 00-0060 Indoor/Riser Rated Tube Cables (27 21 16 00-0055)		
27 21 16 00-0061 CLF Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	406.46	125.98
27 21 16 00-0062 CLF Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	495.87	141.73

27 Communications**27 20 Data Communications****27 21 Data Communications Network Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0063	CLF		Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX).....	562.81	157.48
27 21 16 00-0064	CLF		Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX).....	1,027.93	188.97
27 21 16 00-0065			Indoor/Plenum Rated Tube Cables (27 21 16 00-0055)		
27 21 16 00-0066	CLF		Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX).....	301.20	125.98
27 21 16 00-0067	CLF		Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2).....	430.32	125.98
27 21 16 00-0068	CLF		Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2).....	658.67	141.73
27 21 16 00-0069	CLF		Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2).....	954.38	157.48
27 21 16 00-0070	CLF		Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2).....	2,943.70	188.97
27 21 16 00-0071			Unjacketed Single Tube Cables (27 21 16 00-0055)		
27 21 16 00-0072	CLF		Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX).....	261.90	125.98
27 21 16 00-0073			Multimode Fiber Bundles (27 21 16 00-0055)		
			Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF		2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6).....	110.71	37.80
27 21 16 00-0075	CLF		4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6).....	165.44	37.80
27 21 16 00-0076	CLF		6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6).....	224.39	37.80
27 21 16 00-0077	CLF		12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6).....	404.04	37.80
27 21 16 00-0078	CLF		18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6).....	584.36	44.10
27 21 16 00-0079	CLF		24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6).....	764.01	44.10
27 21 16 00-0080			Singlemode Fiber Bundles (27 21 16 00-0055)		
			Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF		2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX).....	99.48	37.80
27 21 16 00-0082	CLF		4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX).....	123.34	37.80
27 21 16 00-0083	CLF		6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX).....	142.99	37.80
27 21 16 00-0084	CLF		12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX).....	180.88	37.80
27 21 16 00-0085	CLF		18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX).....	275.59	44.10
27 21 16 00-0086	CLF		24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX).....	361.21	44.10
27 21 16 00-0087			Tube Distribution Cabinets (27 21 16 00-0055)		
27 21 16 00-0088	EA		Modular Tube Distribution Cabinet (Sumitomo DE06MDU).....	214.27	52.56
			Note: Up to six 7-tube cables or two 19-tube cables.		
27 21 16 00-0089			Modular Fiber Termination Cabinets (27 21 16 00-0055)		
27 21 16 00-0090	EA		24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM).....	269.30	52.56
27 21 16 00-0091	EA		48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM).....	286.70	52.56
27 21 16 00-0092			Tube Distribution Accessories (27 21 16 00-0055)		
27 21 16 00-0093	EA		Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA).....	12.46	5.26
27 21 16 00-0094	EA		Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2).....	13.68	5.26
27 21 16 00-0095	EA		Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB).....	16.83	5.26
27 21 16 00-0096			Communications Optical Fiber Cabling (27 21 16 00-0009)		
27 21 16 00-0097			Communications Optical Fiber Cable Splicing And Terminations (27 21 16 00-0096)		
27 21 16 00-0098			Field Installed Fiber Connectors (27 21 16 00-0097)		
27 21 16 00-0099	EA		SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42).....	35.53	7.88
27 21 16 00-0100	EA		SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41).....	31.50	7.88
27 21 16 00-0101			Buffer Tube Fan-Out Kits (27 21 16 00-0097)		
27 21 16 00-0102			Buffer Tube Breakout Kits (Sumitomo) (27 21 16 00-0101)		
			Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA		2-Fiber Breakout Kit (Sumitomo FTFLD02).....	226.81	104.99
27 21 16 00-0104	EA		4-Fiber Breakout Kit (Sumitomo FTFLD04).....	231.02	104.99
27 21 16 00-0105	EA		6-Fiber Breakout Kit (Sumitomo FTFLD06).....	234.74	104.99
27 21 16 00-0106	EA		12-Fiber Breakout Kit (Sumitomo FTFLD12).....	246.29	104.99
27 21 16 00-0107	EA		18-Fiber Breakout Kit (Sumitomo FTFLD18).....	262.10	104.99
27 21 16 00-0108	EA		24-Fiber Breakout Kit (Sumitomo FTFLD24).....	273.83	104.99
27 21 16 00-0109			Buffer Tube Fan-Out Kits (Corning) (27 21 16 00-0101)		
27 21 16 00-0110	EA		12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12).....	228.76	104.99
27 21 16 00-0111	EA		12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12).....	270.46	104.99
27 21 16 00-0112			Communications Copper Cabling (27 21 16 00-0009)		
27 21 16 00-0113			Copper Communications Cable Splicing And Terminations (27 21 16 00-0112)		
27 21 16 00-0114			Copper Communications Cable Splice Cases (27 21 16 00-0113)		
27 21 16 00-0115	EA		6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626).....	843.04	209.97
27 21 16 00-0116	EA		9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630).....	963.96	209.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219).....	1,365.78	209.97
27 21 16 00-0118 Modular Splice Connectors <small>(27 21 16 00-0113)</small>				
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25).....	110.86	52.49
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25).....	109.55	52.49
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25).....	110.88	52.49
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25).....	110.70	52.49
27 21 26 Data Communications Network Management <small>(27 21)</small>				
27 21 26 00-0001 Data Communications Network Management <small>(27 21 26)</small>				
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9).....	436.30	26.25
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0).....	349.95	26.25
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9).....	467.69	26.25
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0).....	726.69	26.25
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020).....	68.83	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2).....	302.76	15.75
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232).....	570.12	26.25
27 21 26 00-0009	EA	VPN Router (Cisco 819HG).....	3,473.88	336.39
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC).....	2,658.46	336.39
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+).....	24,013.64	125.98
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis, 2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV).....	2,096.99	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8).....	8,428.29	125.98
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2).....	17,504.56	125.98
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E).....	423.65	10.51
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV).....	2,806.51	13.12
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2).....	3,021.25	13.12
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US).....	50.51	5.26
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=).....	214.99	52.49
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850-24TS).....	3,307.36	125.98
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS).....	499.99	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA).....	24.56	5.26
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC).....	267.75	13.12
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G).....	526.28	13.14
27 21 26 00-0025	EA	1', Catalyst 3750X and 3850 Stack Power Cable (Cisco CAB-SPWR-30CM).....	121.04	5.26
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC).....	3,359.88	125.98
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8).....	449.99	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA).....	486.25	13.12
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IA).....	520.25	13.12
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC).....	1,076.19	125.98
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC).....	216.28	13.14
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM).....	1,101.28	13.14
27 21 26 00-0033	EA	Router (CISCO IR829).....	1,155.12	52.56
27 21 29 Data Communications Switches and Hubs <small>(27 21)</small>				
27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels <small>(27 21 29)</small>				
Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0035 for modular jacks.				
27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded.....	84.93	5.25
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	93.57	5.25
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	110.28	5.25
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	115.41	5.25
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	126.49	6.56
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	119.67	5.25
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	150.17	6.56
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar.....	42.93	6.56
27 21 33 Data Communications Wireless Access Points <small>(27 21)</small>				
27 21 33 00-0001 Data Communications Wireless Access Points <small>(27 21 33)</small>				
27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU).....	3,236.36	157.48
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10" Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1).....	7,663.91	157.48
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9).....	7,663.91	157.48
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA).....	1,500.41	157.48
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR).....	1,748.82	171.43
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G).....	4,841.87	171.43
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10" Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G).....	7,341.87	171.43
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90" Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G).....	7,341.87	171.43
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50).....	1,509.74	57.15
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100).....	1,740.74	57.15
27 21 33 00-0012	EA	Gigabit, 32W, PoE Injector With RJ45 And Reload Button (Proxim Wireless ETH-POEINJ-1G).....	144.12	28.57
27 21 33 00-0013	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G).....	146.40	28.57
27 21 33 00-0014	EA	ORINOCO Dual Band Range Extender Antenna (Proxim Wireless 1086-REA).....	268.94	52.49

27 Communications
27 20 Data Communications
27 21 Data Communications Network Equipment

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

27 21 33 00-0015	EA	5 dBi, ORINOCO 2.4GHz Omni Antenna (Proxim Wireless 1086-OA24-5)	213.02	52.49
27 21 33 00-0016	EA	8.5 dBi, ORINOCO 2.4GHz Panel Antenna (Proxim Wireless 1086-PA24-8.5)	301.99	52.49
27 21 33 00-0017	EA	9.5 dBi, ORINOCO 2.4GHz Panel Antenna (Proxim Wireless 1086-PA24-9.5)	301.99	52.49
27 21 33 00-0018	EA	7 dBi, ORINOCO 5GHz Panel Antenna (Proxim Wireless 1086-PA50-7)	289.28	52.49
27 21 33 00-0019	EA	FlexPort23 330 Mbps With Rectangular Antenna Interface, Band 6 (BridgeWave Communications FP23-1200R6)	29,441.59	104.99
27 21 33 00-0020	EA	FlexPort u23 330 Mbps With Rectangular Antenna Interface, Band 7 (BridgeWave Communications FP23-1200R7)	29,441.59	104.99
27 21 33 00-0021	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,100.00	
27 21 33 00-0022	EA	FlexPort 18 (23) Capacity Upgrade, 330-660 Mbps (BridgeWave Communications FP18(23)CU330-660)	2,541.88	
27 21 33 00-0023	EA	SFP, GigE, Multimode Fiber (LC) Interface (BridgeWave Communications BRG171-00511)	243.13	26.25
27 21 33 00-0024	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	418.99	52.49
27 21 33 00-0025	EA	FPUWave 2nd Year Extended Warranty And NDR (BridgeWave Communications FPU-WAVE-EWNR-2)	4,384.74	
27 21 33 00-0026	EA	Cisco #AIR-ANT5959, 2.4 GHZ - 2.0/2.35 dBi antenna	473.71	52.49
27 21 33 00-0027	EA	Verizon LTE Modem (Sierra Wireless AirLink GX440 LTE VZW)	1,195.08	52.49
27 21 33 00-0028	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S22-WH)	351.74	52.49
27 21 33 00-0029	EA	AirLink GX400 Modem Mounting Bracket (Sierra Wireless 1202404)	56.17	
27 21 33 00-0030	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	68.19	21.00
27 21 33 00-0031	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	39.90	
27 21 33 00-0032	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	32.31	
27 21 33 00-0033	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	234.93	52.49
27 21 33 00-0034	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	236.23	52.49
27 21 33 00-0035	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	387.10	52.56
27 21 33 00-0036	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	786.63	78.84
27 21 33 00-0037	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX440 LTE/EVDO/GPS)	1,101.63	78.84
27 21 33 00-0038	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	996.63	78.84
27 21 33 00-0039	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	59.85	15.75
27 21 33 00-0040	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	282.28	57.15
27 21 33 00-0041	EA	Andrew® Omni Antenna, 890-960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38-51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	712.78	57.15
27 21 33 00-0042	EA	PowerBridge M5: Carrier Class 5GHz MIMO Bridging Solution Featuring Super Efficient 25dBi MIMO Antenna Array (Ubiquiti Networks PBM-5)	397.46	52.56
27 21 33 00-0043	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	3,200.12	52.56
27 21 33 00-0044	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,050.99	52.49

27 30 Voice Communications ⁽²⁷⁾

27 31 Voice Communications Switching and Routing Equipment ^(27 30)

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems ^(27 31)

27 31 13 00-0001		Interior PBX Telephone System ^(27 31 13) Note: Includes telephone instruments cabling and solid state switching.		
27 31 13 00-0002		Interior PBX Telephone System ^(27 31 13 00-0001) Note: Cost is for each line up to 1000 lines.		
27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,396.38	547.18
27 31 13 00-0004		Additional Telephones Less Solid State Switching (PBX) ^(27 31 13 00-0001)		
27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	404.28	43.05
27 31 13 00-0006		Telephones ^(27 31 13 00-0001)		
27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	171.97	40.94
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	199.57	54.60

27 32 Voice Communications Terminal Equipment ^(27 30)

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets ^(27 32)

27 32 13 00-0001		Interior Telephone Components ^(27 32 13)		
27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	4,947.03	959.35
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	575.63	78.43
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	314.27	84.09
27 32 13 00-0005	EA	Loud Ring Bell, 6"	252.58	78.01
27 32 13 00-0006	EA	Audio/Visual Indicator	308.93	73.49
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	316.49	65.93
27 32 13 00-0008	EA	Processing Unit For 16 Station System	1,673.70	537.84
27 32 13 00-0009	EA	Handset For 16 Station System	226.67	53.54
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	306.91	72.23
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,388.02	1,157.68
27 32 13 00-0012	EA	Power Supply For 16 Station System	322.77	142.88
27 32 13 00-0013	EA	Intercom Terminal Board	302.55	160.83
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	332.70	142.88
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	156.76	58.69
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	463.16	129.17
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	544.10	146.82
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	657.79	173.76
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	767.74	187.86
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,157.81	213.75
27 32 13 00-0021	EA	Ring Rung 3"	10.79	5.85
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	26.05	10.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 32 13 00-0023	EA		G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	48.80	21.31
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27 32 13 00-0024 Interior Telephone Accessories (27 32 13)

27 32 13 00-0025	EA		Blank Telephone Receptacle, Exposed Devices - Complete.....	11.69	5.67
27 32 13 00-0026	EA		4-Pin Telephone Receptacle, Exposed Devices - Complete.....	25.11	21.84
27 32 13 00-0027	EA		Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	61.38	23.98
27 32 13 00-0028	EA		Wall Mount, Level 5, RJ-45 Jack, Complete	58.40	23.98
27 32 13 00-0029	EA		Terminating Strips, Inside	118.28	47.95
27 32 13 00-0030	EA		Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete.....	52.79	24.67
27 32 13 00-0031	EA		Ready Access Closure 3 To 25 Pair	142.94	57.84
27 32 13 00-0032	EA		Ready Access Closure 25 To 100 Pair	166.51	64.67
27 32 13 00-0033	EA		Termination Block With Bracket 25 Pair	53.52	19.42
27 32 13 00-0034	EA		RJ-11 Telephone Receptacle, Concealed Devices - Complete	51.85	24.35
27 32 13 00-0035	EA		Interior Protected Terminal 25 Pair	591.26	140.26
27 32 13 00-0036	EA		Interior Protected Terminal 50 Pair	695.60	142.46
27 32 13 00-0037	EA		Pedestal 6" x 6" x 50" 3 To 100 Pair.....	235.98	58.37
27 32 13 00-0038	EA		Pedestal 8" x 8" x 50" 100 To 300 Pair.....	243.14	58.37
27 32 13 00-0039	EA		Pedestal 10" x 10" x 43" 300 To 600 Pair.....	320.54	74.64
27 32 13 00-0040	EA		Pedestal 10" x 16" x 439 600 Pair	660.64	134.49
27 32 13 00-0041	EA		Entrance Protector Terminal 100 Pair.....	906.84	153.49
27 32 13 00-0042	EA		Gas Protection Module	14.69	5.25
27 32 13 00-0043	EA		Terminating Boxes, Outside With 3 Element Protectors, Per Pair	24.51	4.80

27 32 26 Ring-Down Emergency Telephones (27 32)

27 32 26 00-0001 Emergency Telephone (27 32 26)

Note: Standard features include: CB3000 speakerphone, 3 auxiliary inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA		Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s).....	7,316.27	429.29
			Note: Includes IA4100 FP1 analog speakerphone with single red "Push For Help" button, "Push For Help" bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.		
27 32 26 00-0003	EA		Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d).....	7,661.31	429.29
			Note: Includes IA4100 FP1 analog speakerphone with single red "Push For Help" button, "Push For Help" bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.		
27 32 26 00-0004	EA		Analog Speakerphone With Black "Info" Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2).....	115.01	
27 32 26 00-0005	EA		Analog Speakerphone With Black "Call" Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K).....	172.52	
27 32 26 00-0006	EA		IP Speakerphone With Single Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP1).....	431.30	
27 32 26 00-0007	EA		IP Speakerphone With Back "Info" Button And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2).....	586.57	
27 32 26 00-0008	EA		IP Speakerphone With Black "Call" Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K).....	644.07	
27 32 26 00-0009	EA		EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	11.50	
27 32 26 00-0010	EA		EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	11.50	
27 32 26 00-0011	EA		Directory, Second Opening Code Blue Option.....	103.51	
27 32 26 00-0012	EA		Camera Enclosure With Color IP Camera, Second Opening Code Blue Option.....	1,092.62	
27 32 26 00-0013	EA		HID Card Reader, Second Opening Code Blue Option	506.06	
27 32 26 00-0014	EA		HID Card Reader And Color IP Camera, Second Opening Code Blue Option	1,638.94	
27 32 26 00-0015	EA		IP Wireless Communication Code Blue Option.....	3,444.64	
			Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.		
27 32 26 00-0016	EA		Active Venting Code Blue Option.....	184.02	
27 32 26 00-0017	EA		Night Charge Power Code Blue Option	1,604.43	
			Note: Requires 120V AC external power supplied to Code Blue unit.		
27 32 26 00-0018	EA		Power Transformer Kit, Alternate Incoming Power Code Blue Option.....	402.55	
27 32 26 00-0019	EA		Overhead Camera Mount Code Blue Option	914.35	
			Note: Excludes camera.		
27 32 26 00-0020	EA		Custom Color For Overhead Camera Mount Code Blue Option.....	40.25	

27 32 26 00-0021 City Police Call System (27 32 26)

27 32 26 00-0022 Components (27 32 26 00-0021)

27 32 26 00-0023	EA		City Police Call System.....	580.87	122.42
27 32 26 00-0024	EA		Concrete Foundation For Police Department Telephone Post.....	553.13	177.32

27 40 Audio-Video Communications (27)

27 41 Audio-Video Systems (27 40)

27 41 16 Integrated Audio-Video Systems and Equipment (27 41)

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System (27 41 16)

See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0323 for basic wiring.

27 41 16 00-0002 Mounted Television Support (27 41 16 00-0001)

27 41 16 00-0003	EA		Ceiling Mounted Television Support, 19" To 20".....	360.35	117.74
27 41 16 00-0004	EA		Ceiling Mounted Television Support, 19" To 20" With Rack	452.59	131.40

27 Communications
27 40 Audio-Video Communications
27 41 Audio-Video Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0005	EA		Ceiling Mounted Television Support, 25" To 27"	373.12	117.74
27 41 16 00-0006	EA		Ceiling Mounted Television Support, 25" To 27" With Rack.....	465.36	131.40
27 41 16 00-0007	EA		Wall Mounted Television Support, 13"	284.50	94.61
27 41 16 00-0008	EA		Wall Mounted Television Support, 13" With Rack.....	376.72	105.12
27 41 16 00-0009	EA		Wall Mounted Television Support, 19" To 20".....	301.25	94.61
27 41 16 00-0010	EA		Wall Mounted Television Support, 19" To 20" With Rack	393.48	105.12
27 41 16 00-0011	EA		Wall Mounted Television Support, 25" To 27".....	318.01	94.61
27 41 16 00-0012	EA		Wall Mounted Television Support, 25" To 27" With Rack	410.23	105.12
27 41 16 00-0013			Distribution System (27 41 16 00-0001) See CSI section 26 05 13 16-0001 for wire and cabling.		
27 41 16 00-0014			TV Distribution Rack (27 41 16 00-0013)		
27 41 16 00-0015	EA		Steel Rack Cabinet With Shelves	1,110.65	193.07
27 41 16 00-0016	EA		Switch And Pilot Light	199.73	85.77
27 41 16 00-0017	LF		Surface Raceway With Outlets	24.59	11.65
27 41 16 00-0018	EA		Service Label	30.24	16.06
27 41 16 00-0019			Head End Amplifier (27 41 16 00-0013)		
27 41 16 00-0020	EA		Head End Amplifier	740.88	128.51
27 41 16 00-0021			UHF In-Line Booster Amplifier And Power Supply (27 41 16 00-0013)		
27 41 16 00-0022	EA		UHF In-Line Booster	458.53	128.51
27 41 16 00-0023			Preamplifiers (27 41 16 00-0013)		
27 41 16 00-0024	EA		VHF Preamplifier.....	557.95	128.51
27 41 16 00-0025	EA		UHF Preamplifier	458.53	128.51
27 41 16 00-0026			Power Supplies (27 41 16 00-0013)		
27 41 16 00-0027	EA		Common Power Supply	797.07	183.62
27 41 16 00-0028			Line Splitter And Mixer (27 41 16 00-0013)		
27 41 16 00-0029	EA		Line Splitter.....	81.96	42.84
27 41 16 00-0030	EA		Two-Way Splitter.....	89.87	42.84
27 41 16 00-0031	EA		Frequency Filter	184.58	64.35
27 41 16 00-0032	EA		Line Splitter And Mixer.....	249.10	94.49
27 41 16 00-0033			Power Line Filters (27 41 16 00-0013)		
27 41 16 00-0034	EA		120-Volt Power Supply Line Filter.....	338.92	85.77
27 41 16 00-0035			Wall Box And Receiver Outlets (27 41 16 00-0013)		
27 41 16 00-0036	EA		Wall Box With Lockable Cover, Excluding Outlet Plug.....	184.58	64.35
27 41 16 00-0037	EA		TV Receiver Outlet Plug	89.87	42.84
27 41 16 00-0038	EA		TV Camera Outlet Plug.....	89.87	42.84
27 41 16 00-0039	EA		Audio Outlet Plug.....	79.96	42.84
27 41 16 00-0040	EA		12 Ft RG 6U Cable With G-59 And TV Set Fittings.....	164.93	85.77
27 41 16 00-0041	EA		Male Plug PL-259	89.87	42.84
27 41 16 00-0042	EA		Wall Box And Receiver Outlet Television Outlets	111.14	44.93
27 41 33			Master Antenna Television Systems (27 41)		
27 41 33 00-0001			Antenna Systems (27 41 33)		
27 41 33 00-0002			Antenna (27 41 33 00-0001)		
27 41 33 00-0003	EA		Amateur Radio Antenna.....	704.27	157.48
27 41 33 00-0004	EA		Multi-Band Radio Antenna	561.85	157.48
27 41 33 00-0005			Receptacles (27 41 33 00-0001)		
27 41 33 00-0006	EA		Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	174.65	64.35
27 41 33 00-0007	EA		Multi-Band Radio Antenna System Receptacle With Mating Plugs	174.65	64.35
27 50			Distributed Communications And Monitoring Systems (27)		
27 51			Distributed Audio-Video Communications Systems (27 50)		
27 51 17			Video Intercom And Exterior Gate Control System (27 51)		
27 51 17 00-0001			Video Intercom And Exterior Gate Control System (27 51 17)		
27 51 17 00-0002	EA		Audio Video Master Control Station (Aiphone AX-8MV)	967.89	131.40
27 51 17 00-0003	EA		16-call Add-on Selector For AX Masters (Aiphone AX-16SW).....	422.35	131.40
27 51 17 00-0004	EA		Central Exchange Unit (Aiphone AX-084C)	1,128.77	65.70
27 51 17 00-0005	EA		Central Exchange Unit (Aiphone AX-248C)	1,533.74	65.70
27 51 17 00-0006	EA		Touch Tone Programmable Dialer (Viking K-1900-5)	123.44	26.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 51 17 00-0007	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	363.82	26.28
27 51 17 00-0008	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	409.56	26.28
27 51 17 00-0009	EA	12 Volt, 2.5 Amp, DC Power Supply (Aiphone PS-1225UL)	112.18	13.14
		Note: UL Listed		
27 51 17 00-0010	EA	24 Volt, 2 Amp, DC Power Supply (Aiphone PS-2420UL)	122.23	13.14
		Note: UL Listed		
27 51 17 00-0011	EA	IP Video Master Station (Aiphone IX-MV)	1,220.02	131.40
27 51 17 00-0012	EA	Handset Only For IX-MV (Aiphone 285999)	51.99	5.26
27 51 17 00-0013	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	633.20	131.40
27 51 17 00-0014	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	545.99	26.28
27 51 17 00-0015	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	179.75	26.28
27 51 17 00-0016	EA	Stainless Steel Surface Mount Box, IS-DVF, IS-IPDVF And IS-SS Compatible (Aiphone SBX-ISDVF)	194.59	26.28
27 51 17 00-0017	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	199.82	26.28
27 51 17 00-0018	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	238.38	39.42
27 51 17 00-0019	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	57.31	13.14

27 51 33 Sound Reinforcement (27 51)

Note: Includes testing of new devices and certification.

27 51 33 00-0001 Amplifiers (27 51 33)

27 51 33 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	390.70	105.12
27 51 33 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	525.96	105.12
27 51 33 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	612.79	105.12
27 51 33 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	674.74	105.12
27 51 33 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	824.85	105.12
27 51 33 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,049.32	105.12
27 51 33 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	42.28	5.26

27 51 33 00-0009 Splitters (27 51 33)

27 51 33 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	2,014.96	78.74
27 51 33 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	1,822.39	78.74

27 51 33 00-0012 Speakers (27 51 33)

27 51 33 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	170.92	28.14
27 51 33 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	48.86	5.25
27 51 33 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	53.59	5.25
27 51 33 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	78.90	5.25
27 51 33 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	80.31	9.45

27 51 33 00-0018 Accessories (27 51 33)

27 51 33 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	198.05	13.14
27 51 33 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	434.85	13.14
27 51 33 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	124.43	26.28
27 51 33 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	216.54	26.28
27 51 33 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	162.68	26.25
27 51 33 00-0024	EA	Microphone Jack For Audio/Video System	84.06	26.28
27 51 33 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	638.03	105.12
27 51 33 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	81.08	26.28
27 51 33 00-0027	EA	Round Bridge for 8" (S86/S810) Recessed Speakers (Bogen Communications TB8)	61.78	26.28

27 51 33 00-0028 Remove And Reinstall Speakers (27 51 33)

Note: Includes storage, cleaning and supply materials.

27 51 33 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	146.98	
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27 52 Healthcare Communications And Monitoring Systems (27 50)
27 52 23 Nurse Call/Code Blue Systems (27 52)
27 52 23 00-0001 Wireless Equipment Nurses Call Systems (27 52 23)

Note: Includes all mounting hardware, batteries, cable and connections. Teletronic.

27 52 23 00-0002 Wireless Nurses Call System (27 52 23 00-0001)

27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	5,299.75	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	5,966.02	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	3,699.16	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	3,019.48	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	2,721.05	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	2,422.50	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	611.32	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	300.60	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	22.63	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	439.82	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	439.82	
27 52 23 00-0014	EA	Remote Reset Button; S35R	427.70	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	298.86	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	27.82	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	362.96	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,151.86	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	747.39	

27 Communications
27 50 Distributed Communications And Monitoring Systems
27 52 Healthcare Communications And Monitoring Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	589.75	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	589.75	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	721.41	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,234.36	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	2,430.09	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	6,569.73	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	2,248.96	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	11,489.47	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	55.60	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	50.41	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	26.15	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	11,279.44	
27 52 23 00-0032	EA	Serial Printer; NCSP	1,185.70	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	26.09	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	46.88	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	26.09	
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	5,093.82	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	715.98	
27 52 23 00-0038 Wireless Nurses Call Tele/Management System (27 52 23 00-0001)				
27 52 23 00-0039	EA	Tele/Management Unit; TP12	3,041.99	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	2,699.29	
27 52 23 00-0041 Wireless Nurses Call Paging System (27 52 23 00-0001)				
27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	8,566.85	
27 52 23 00-0043	EA	Removal And Replacement Of Antenna For RPE673; RPE673AN	596.93	
27 52 23 00-0044	EA	Removal And Replacement Of Power For RPE673; RPE673PS	794.42	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	965.91	
27 52 23 00-0046	EA	Removal And Replacement Of Holster For RPR583; RPR583H	57.37	
27 52 23 00-0047 Wireless Nurses Call System (Fisher-Berkley) (27 52 23 00-0001)				
Note: Repair Parts: Alco Sales				
27 52 23 00-0048	EA	Staff Station (Fisher-Berkley AL-59900R)	614.78	
27 52 23 00-0049	EA	Area Central Module (Fisher-Berkley AL-59901R)	505.42	
27 52 23 00-0050	EA	Dual Patient (Fisher-Berkley AL-59902R)	578.39	
27 52 23 00-0051	EA	Code Blue (Fisher-Berkley AL-59903R)	359.61	
27 52 23 00-0052	EA	Bath Emergency Station (Fisher-Berkley AL-59904R)	517.57	
27 52 23 00-0053	EA	Single Station With Sidecom (Fisher-Berkley AL-59905R)	651.23	
27 52 23 00-0054	EA	Dual Station With Sidecom (Fisher-Berkley AL-59906R)	861.69	
27 52 23 00-0055	EA	Single Patient Station (Fisher-Berkley AL-59907R)	383.91	
27 52 23 00-0056	EA	Duty Station (Fisher-Berkley AL-59908R)	408.21	
27 52 23 00-0057	EA	Master Station (Fisher-Berkley AL-59909R)	4,364.59	
27 52 23 00-0058	EA	Station In/Out Board (Fisher-Berkley AL-59910R)	2,193.93	
27 52 23 00-0059	EA	Power Supply (Fisher-Berkley AL-59911R)	2,170.60	
27 52 23 00-0060	EA	Pillow Speaker (Fisher-Berkley AL-59913R)	481.12	
27 52 23 00-0061	EA	Staff Presence Station (Fisher-Berkley AL-59914R)	383.91	
27 52 23 00-0062	EA	HB System Patient Station (Fisher-Berkley AL-59915R)	420.36	
27 52 23 00-0063	EA	HB System Staff Station (Fisher-Berkley AL-59916R)	396.06	
27 52 23 00-0064	EA	Station In/Out Board Expdr (Fisher-Berkley AL-59917R)	1,825.51	
27 52 23 00-0065	EA	Master In/Out Board (Fisher-Berkley AL-59918R)	1,509.58	
27 52 23 00-0066	EA	MMC Central Processor Unit (Fisher-Berkley AL-59919R)	1,820.65	
27 52 23 00-0067 Equipment Nurses Call Systems (27 52 23)				
27 52 23 00-0068	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	205.01	54.60
27 52 23 00-0069	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	1,987.02	218.37
27 52 23 00-0070	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	224.00	71.39
27 52 23 00-0071	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	1,137.13	209.97
27 52 23 00-0072	EA	Nurses Call System, Duty Station Intercommunication Equipment	546.49	163.78
27 52 23 00-0073	EA	Nurses Call System, Staff Station Intercommunication Equipment	268.74	54.60
27 52 23 00-0074	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	256.14	54.60
27 52 23 00-0075	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	398.33	95.54
27 52 23 00-0076	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	126.30	41.99
27 52 23 00-0077	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	118.19	41.99
27 52 23 00-0078	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	84.07	27.30
27 52 23 00-0079	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	122.84	41.99
27 52 23 00-0080	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	167.72	27.30
27 52 23 00-0081	EA	Nurses Call System, Cord Set Intercommunication Equipment	90.18	27.30
27 52 23 00-0082	EA	Nurse Call System, Master-20 Station	3,954.40	209.97
27 52 23 00-0083	EA	Dukane Duty Station - Tone Only, PC1000	715.15	163.88

27 53 Distributed Systems (27 50)

27 53 13 Clock Systems (27 53)

27 53 13 16 Wired Clock Systems (27 53 13)

27 53 13 16-0001	Wired Self-Corrective Clock Systems (27 53 13 16)
27 53 13 16-0002	Wired Self-Corrective Clocks (27 53 13 16-0001)
27 53 13 16-0003	Analog, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks <small>(27 53 13 16-0003)</small>		
27 53 13 16-0005	EA 12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	204.73 -13.95 -20.04
27 53 13 16-0006	EA 12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	476.44 -24.82 -41.78
27 53 13 16-0007	EA 16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	254.83 -17.98 -26.07
27 53 13 16-0008	EA 16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	626.75 -65.29 -88.26
27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks <small>(27 53 13 16-0003)</small>		
27 53 13 16-0010	EA 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	204.73 -13.95 -20.04
27 53 13 16-0011	EA 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	476.44 -24.82 -41.78
27 53 13 16-0012	EA 16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	254.83 -17.98 -26.07
27 53 13 16-0013	EA 16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	626.75 -65.29 -88.26
27 53 13 16-0014 Accessories For Analog Wired Self-Corrective Clocks <small>(27 53 13 16-0003)</small>		
27 53 13 16-0015	EA Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks.....	165.96
27 53 13 16-0016	EA Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	45.52
27 53 13 16-0017	EA Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	56.61
27 53 13 16-0018	EA Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	68.17
27 53 13 16-0019	EA Combination Back Box For Speaker And Clock.....	105.05
27 53 13 16-0020 Digital, Wired Self-Corrective Clocks (Telecor) <small>(27 53 13 16-0002)</small>		
27 53 13 16-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0022	EA 2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	250.97 39.70 -11.91 -19.85
27 53 13 16-0023	EA 4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	382.01 65.90 -19.77 -32.95
27 53 13 16-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0025	EA 2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	250.97 39.70 -11.91 -19.85
27 53 13 16-0026	EA 4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount..... <i>For Surface Mount, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	382.01 65.90 -19.77 -32.95
27 53 13 16-0027 Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0028	EA 2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	215.81 -9.80 -16.33
27 53 13 16-0029	EA 4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	350.22 -17.86 -29.77
27 53 13 16-0030 Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0031	EA 2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	215.81 -9.80 -16.33
27 53 13 16-0032	EA 4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	350.22 -17.86 -29.77
27 53 13 16-0033 Accessories For Digital Wired Self-Corrective Clocks <small>(27 53 13 16-0020)</small>		
27 53 13 16-0034	EA Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	224.73
27 53 13 16-0035	EA 2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	57.08
27 53 13 16-0036	EA 4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	77.32

27 Communications**27 50 Distributed Communications And Monitoring Systems****27 53 Distributed Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	196.79		13.12
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	58.53		13.12
27 53 13 16-0039		Wired Self-Corrective Master Clocks <small>(27 53 13 16-0001)</small>			
27 53 13 16-0040		Wired Self-Corrective Master Clocks <small>(27 53 13 16-0039)</small>			
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	2,343.12		209.97
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	2,487.65		209.97
27 53 13 16-0043		Accessories For Wired Self-Corrective Master Clocks <small>(27 53 13 16-0039)</small>			
27 53 13 16-0044	EA	5 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	250.97		52.49
27 53 13 16-0045	EA	10 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	281.31		52.49
27 53 13 16-0046		Other Clock And Program Systems <small>(27 53 13 16)</small>			
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	1,213.16		104.99
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	1,518.25		209.97
27 53 13 16-0049	EA	Program Bell (Lathem 906-6).....	201.59		52.49
27 53 13 16-0050	EA	Combination Clock And Speaker	465.12		131.23

END OF SECTION 27

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results For Electronic Safety And Security ⁽²⁸⁾

28 05 26 Grounding And Bonding For Electronic Safety And Security ^(28 05)

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification For Electronic Safety And Security ^(28 05)

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control ⁽²⁸⁾

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices ^(28 10)

28 15 11 Integrated Credential Readers and Field Entry Management ^(28 15)

28 15 11 13 Keypads ^(28 15 11)

28 15 11 13-0001 Vindicator Security Alarm System ^(28 15 11 13)

	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	1,183.06	218.90
	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00.....	1,491.76	284.51
	EA	Premise Control Unit (Security) Vindicator #548-32004-01	7,226.72	623.61
	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	3,383.66	531.44
	EA	ALS Duress Switch (Security) Vindicator #192-30810-00.....	992.49	290.70

28 16 Access Control Interfaces ^(28 10)

28 16 11 Access Control Interfaces to Access Control Hardware ^(28 16)

28 16 11 00-0001 Stand Alone Access Controls ^(28 16 11)

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)

	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	107.87	26.25
		Note: Controls mount to a standard mullion.		
	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	112.48	26.25
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators	139.02	26.25
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)

	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	132.48	26.25
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	617.43	78.74
		Note: Includes post, mounting base and push button control. Excludes concrete foundation.		
	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators	208.24	26.25
		Note: Includes open, close and stop controls.		

28 16 11 00-0011 Key Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)

	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls	147.67	26.25
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)

	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls	231.90	52.49
		Note: Opens door or gate with a postal or fire department key.		
	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	354.19	52.49
	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	354.19	52.49
	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls.....	529.56	52.49

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0001)

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0019)

	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls	202.47	26.25
		Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.		

28 16 11 00-0022 Exterior Mount, Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0019)

Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 Electronic Safety And Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls (28 16 11 00-0022)			
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls.....	844.52		104.99
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.			
		<i>For Flush Mount, Add</i>	142.77		
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls (28 16 11 00-0022)			
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.			
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls.....	1,020.75		118.11
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.			
		<i>For Flush Mount, Add</i>	176.52		
28 16 11 00-0027		RF Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls (28 16 11 00-0027)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	521.48		104.99
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	583.78		104.99
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	643.77		104.99
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	708.38		104.99
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	768.37		104.99
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	832.98		104.99
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	892.98		104.99
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls.....	39.23		
		<i>For >40 To 110, Deduct</i>	-1.96		
		<i>For >110, Deduct</i>	-3.92		
		<i>For Built In Proximity Tags, Add</i>	7.85		
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls.....	41.53		
		<i>For >40 To 110, Deduct</i>	-2.08		
		<i>For >110, Deduct</i>	-4.15		
		<i>For Built In Proximity Tags, Add</i>	8.31		
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls.....	43.84		
		<i>For >40 To 110, Deduct</i>	-2.19		
		<i>For >110, Deduct</i>	-4.38		
		<i>For Built In Proximity Tags, Add</i>	8.77		
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls (28 16 11 00-0028)			
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls.....	212.86		78.74
		Note: Includes 15' of coax cable.			
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls.....	388.22		78.74
		Note: Includes 20' of coax cable.			
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls.....	355.92		78.74
		Note: Includes 15' of coax cable.			
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls (28 16 11 00-0045)			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.			
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0047)			
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls.....	959.89		104.99
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0050)			
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls.....	1,040.65		104.99
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls (28 16 11 00-0046)			
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls (28 16 11 00-0053)			
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls.....	1,225.25		104.99
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls (28 16 11 00-0001)			
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (28 16 11 00-0056)			
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls.....	590.70		104.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

28 16 11 00-0059			Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (28 16 11 00-0056) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA		Magnetic Stripe Reader, Exterior Stand Alone Access Controls.....	720.99	104.99
28 16 11 00-0061			Other Stand Alone Access Controls (28 16 11 00-0001)		
28 16 11 00-0062	EA		Toggle Switch, Interior Access Controls For Gate Operators	104.41	26.25
28 16 11 00-0063	EA		Request To Exit Motion Detector (Bosch Security Systems DS160)	100.11	21.00
28 16 11 00-0064			Wiegand Output Access Controls (28 16 11) Note: Excludes controllers.		
28 16 11 00-0065			Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0066			DKS, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0067			DKS, Proximity Cards (28 16 11 00-0066)		
28 16 11 00-0068	EA		Clamshell Type, DKS Proximity Card (DKS 170).....	6.14	
28 16 11 00-0069	EA		ISO Compliant Graphics Card, DKS Proximity Card (DKS 80).....	10.12	
28 16 11 00-0070	EA		DKS Proximity Key Fob (DKS 50).....	10.66	
28 16 11 00-0071	EA		Active Tag, DKS Proximity Tag (DKS 150)	60.30	
			Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA		Active Tag, DKS Proximity Tag (DKS 200)	78.61	
			Note: Battery powered tag to boost signal.		
28 16 11 00-0073			DKS, Proximity Card Readers, Wiegand Output Access Controls (28 16 11 00-0066)		
28 16 11 00-0074	EA		Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small).....	385.22	131.23
28 16 11 00-0075	EA		Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	385.22	131.23
28 16 11 00-0076	EA		Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	385.22	131.23
28 16 11 00-0077	EA		Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS).....	960.23	131.23
			Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078			AWID, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0079			AWID, Proximity Cards (28 16 11 00-0078)		
28 16 11 00-0080	EA		Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS).....	5.17	
28 16 11 00-0081	EA		ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR).....	8.08	
28 16 11 00-0082	EA		AWID Proximity Key Fob (AWID Prox-Linc KT)	8.61	
28 16 11 00-0083	EA		Windshield Tag For LR 2000 Readers, AWID Proximity Tag	30.15	
28 16 11 00-0084	EA		Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	30.15	
28 16 11 00-0085			AWID, Proximity Card Readers, Wiegand Output Access Controls (28 16 11 00-0078)		
28 16 11 00-0086	EA		Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400).....	456.29	131.23
			Note: For mullion mounting.		
28 16 11 00-0087	EA		Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	611.35	131.23
			Note: For mullion mounting.		
28 16 11 00-0088	EA		Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	611.35	131.23
			Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA		Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824).....	962.39	131.23
			Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA		Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	5,174.87	131.23
			Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091			HID, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0092			HID, Proximity Cards (28 16 11 00-0091)		
28 16 11 00-0093	EA		Clamshell Type, HID Proximity Card (HID ProxCard II).....	14.12	
28 16 11 00-0094	EA		ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II).....	17.99	
28 16 11 00-0095	EA		HID Proximity Key Fob (HID ProxKey II)	18.42	
28 16 11 00-0096			HID, Proximity Card Readers, Wiegand Output Access Controls (28 16 11 00-0091)		
28 16 11 00-0097	EA		Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	404.28	131.23
			Note: For mullion mounting. (HID P/N 6005).		
28 16 11 00-0098	EA		Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	461.58	131.23
			Note: For single gang electrical box mounting. (HID P/N 5395).		
28 16 11 00-0099	EA		Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx)	504.56	131.23
			Note: For mullion mounting. (HID P/N 5365).		

28 Electronic Safety And Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	620.59		131.23
28 16 11 00-0101		Contactless Smart Card Controls, Wiegand Output Access Controls (28 16 11 00-0064)			
28 16 11 00-0102		HID, Contactless Smart Cards (28 16 11 00-0101)			
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	9.48		
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	10.34		
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	13.54		
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card	7.33		
		Note: Battery powered tag to boost signal.			
28 16 11 00-0107		HID, Contactless Smart Card Readers, Wiegand Output Access Controls (28 16 11 00-0101)			
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10)	433.37		131.23
		Note: For mullion mounting.			
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40)	575.50		131.23
		Note: For mullion mounting.			
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40)	895.32		131.23
		Note: For mullion mounting.			
28 16 11 00-0111		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls (28 16 11 00-0101)			
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400)	2,694.05		131.23
		Note: For mullion mounting.			
28 16 11 00-0113		Call Station Controls, Wiegand Output Access Controls (28 16 11 00-0064)			
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.			
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls	1,093.14		131.23
		Note: For mullion mounting.			
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls	920.08		131.23
		Note: For mullion mounting.			
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls (28 16 11 00-0064)			
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	4,002.87		104.99
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	4,874.45		104.99
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	1,961.89		104.99
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,386.00		104.99
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	1,538.29		104.99
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,386.00		104.99
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls (28 16 11)			
		Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.			
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)			
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	283.58		18.34
		Note: Includes a 5" x 5" base plate.			
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	555.86		18.34
		Note: Includes an 8" x 8" base plate.			
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls	255.89		18.34
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.			
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)			
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	512.01		18.34
		Note: Includes an 8" x 8" base plate.			
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	613.54		18.34
		Note: Includes an 8" x 8" base plate and a 14" offset from back of post.			
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls	371.26		18.34
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.			
28 16 11 00-0132		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)			
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,686.51		18.34
		Note: Includes a 11" x 13" base plate.			
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,767.27		18.34
		Note: Includes a 10" x 14" base plate and a 14" offset from back of post.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0135	EA		Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	717.38	18.34
28 16 11 00-0136	EA		48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,155.79	18.34
28 16 11 00-0137			Magnetic Locks (28 16 11) Note: Excludes access controls.		
28 16 11 00-0138			Magnetic Door Locks (28 16 11 00-0137)		
28 16 11 00-0139			300 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0140	EA		Single Door, Surface Mount, 300 LB Magnetic Door Lock.....	484.56	104.99
28 16 11 00-0141			600 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0142	EA		600 LB, Single Door, Surface Mount, Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	674.92 58.12 116.24 -92.99	104.99
28 16 11 00-0143	EA		600 LB, Dual Doors, Surface Mount, Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	987.58 97.20 194.40	104.99
28 16 11 00-0144			1,200 LB Magnetic Door Locks (28 16 11 00-0138)		
28 16 11 00-0145	EA		1,200 LB, Single Door, Surface Mount, Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	703.76 113.57 148.14	104.99
28 16 11 00-0146	EA		Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	1,049.88 193.18 251.97	104.99
28 16 11 00-0147			2,000 LB Shear Lock, Magnetic And Mechanical Locks (28 16 11 00-0138) Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0148	EA		Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock.....	734.91	104.99
28 16 11 00-0149			Magnetic Gate Locks (28 16 11 00-0137)		
28 16 11 00-0150			600 LB Magnetic Gate Locks (28 16 11 00-0149)		
28 16 11 00-0151	EA		600 LB Magnetic Gate Lock.....	560.70	104.99
28 16 11 00-0152			1,200 LB Magnetic Gate Locks (28 16 11 00-0149)		
28 16 11 00-0153	EA		1,200 LB Magnetic Gate Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	665.69 56.97 113.93 -91.14	104.99
28 16 11 00-0154			Magnetic Lock Power Supply And Chargers (28 16 11 00-0137) Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0155	EA		12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	426.38	104.99
28 16 11 00-0156	EA		12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	530.99	104.99
28 16 11 00-0157	EA		12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	592.52	104.99
28 16 11 00-0158	EA		12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger.....	734.04	104.99
28 16 11 00-0159			Access Control Accessories (28 16 11)		
28 16 11 00-0160	EA		6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	408.99	
28 16 11 00-0161	EA		7 Amperes, 12 Volt, Battery	49.52	
28 16 11 00-0162	EA		18 Amperes, 12 Volt, Battery	110.38	
28 16 11 00-0163	EA		Door Personality Module (Sensormatic RM-4).....	442.52	26.25
28 16 11 00-0164	EA		Mini-Alert Door Ajar Sounder (System Sensor PA400).....	199.16	52.49
28 16 11 00-0165	EA		Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	73.27	31.50
28 16 11 00-0166	EA		Access Control Systems Power Supply (Altronix AL400ULACMCB)	464.46	21.00
28 16 11 00-0167	EA		Surge Suppressor (Tripp-Lite IBAR4)	71.37	5.26
28 16 11 00-0168	EA		Door Strike Relay (Altronix RBSN-TTL).....	60.77	21.00
28 16 11 00-0169	EA		4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1)	378.48	
28 16 11 00-0170	EA		Note: Set in concrete. 16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16).....	484.98	131.23
28 16 11 00-0171			Access Controllers (28 16 11)		
28 16 11 00-0172			Microterm Controller (28 16 11 00-0171)		
28 16 11 00-0173	EA		Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments C1CP1100)..... Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,121.66	131.23
28 16 11 00-0174	EA		Microterm PC Board (Continental Instruments C1CP1100PCB)	784.19	78.74
28 16 11 00-0175	EA		Battery Standby For Microterm (Continental Instruments C1CP1100BAT-2)	357.60	
28 16 11 00-0176			Miniterm Controller (28 16 11 00-0171)		

28 Electronic Safety And Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 16 11 00-0177	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,711.54		131.23
28 16 11 00-0178	EA	Miniterm PC Board (Continental Instrument CICIP1200PCB)	1,266.32		78.74
28 16 11 00-0179		Super-2 Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0180	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,287.44		131.23
28 16 11 00-0181	EA	Super-Two - PC Board (Continental Instruments CICIP1300BD)	860.99		78.74
28 16 11 00-0182	EA	Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD)..... Note: Optional on-board adapter allows for communication over TCP/IP.	260.53		78.74
28 16 11 00-0183		Smarterm Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0184	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	3,523.85		157.48
28 16 11 00-0185	EA	Smarterm PC Board (Continental Instrument CICIP1400PCB)	2,671.66		78.74
28 16 11 00-0186	EA	Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	1,058.31		78.74
28 16 11 00-0187	EA	Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	1,491.67		78.74
28 16 11 00-0188	EA	Smarterm Relay Expander Board (Continental Instrument CICIP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,166.94		78.74
28 16 11 00-0189	EA	Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB)..... Note: (Supervised) 16 alarm inputs.	1,166.94		78.74
28 16 11 00-0190		Superterm-4 Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0191	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL)..... Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	3,259.40		157.48
28 16 11 00-0192	EA	Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	2,627.21		78.74
28 16 11 00-0193		Superterm-8 Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0194	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,369.38		262.46
28 16 11 00-0195	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800EXP)..... Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,730.50		262.46
28 16 11 00-0196	EA	Superterm-8 PC Board (Continental Instrument CICIP1800PCB)	3,527.22		78.74
28 16 11 00-0197		Turbo Superterm-4 Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0198	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400ULT)..... Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	3,259.40		157.48
28 16 11 00-0199	EA	Turbo Superterm-4 PC Board (Continental Instrument CICIP1400ULTPCB)	2,627.21		78.74
28 16 11 00-0200		Turbo Superterm-8 Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0201	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800T)..... Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,369.38		262.46
28 16 11 00-0202	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,730.50		262.46
28 16 11 00-0203	EA	Turbo Superterm-8 PC Board (Continental Instrument CICIP1800TPCB).....	3,527.22		78.74
28 16 11 00-0204	EA	Superterm Memory Board - 2MB (Continental Instrument CICIP1800MB2)	1,491.67		78.74
28 16 11 00-0205	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICIP1800MB2X2)	1,260.54		78.74
28 16 11 00-0206	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICIP1800RB)..... Note: 16 Output relays, 8 alarm inputs.	1,168.11		78.74
28 16 11 00-0207	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICIP1800RB)..... Note: (Supervised) 16 Alarm inputs.	1,168.11		78.74
28 16 11 00-0208	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICIP1800PPWS).....	463.21		
28 16 11 00-0209		Intelligent Controller <small>(28 16 11 00-0171)</small>			
28 16 11 00-0210	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501).....	846.72		78.74
28 16 11 00-0211	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	1,486.84		131.23
28 16 11 00-0212		Access Control Bundled System <small>(28 16 11)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 16 11 00-0213	EA		CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)23,197.27 Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.		
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28 16 11 00-0214 Master Door Buzzer Stations (28 16 11)
28 16 11 00-0215 Master Stations (28 16 11 00-0214)

28 16 11 00-0216	EA		Master Stations, 5 Station Intercommunication Equipment 785.43		163.78
28 16 11 00-0217	EA		Master Stations, 10 Station Intercommunication Equipment 1,223.71		317.06
28 16 11 00-0218	EA		Master Station, Desk Style Remote Intercommunication Equipment 344.56		81.88
28 16 11 00-0219	EA		Master Station, Flush Wall Remote Intercommunication Equipment 460.65		136.48
28 16 11 00-0220	EA		Sound System Outlet, Protector 129.52		53.43
28 16 11 00-0221	EA		Sound System Microphone Outlet 236.33		109.39
28 16 11 00-0222	EA		Ceiling Or Wall, Sound System Speaker 162.24		53.43
28 16 11 00-0223	EA		Sound System Monitor Panel 445.25		109.39
28 16 11 00-0224	EA		Sound System Volume Control 144.61		53.43
28 16 11 00-0225	EA		250 Watt, Sound System Amplifier 2,017.79		437.47
28 16 11 00-0226	EA		Sound System Cabinet 1,290.19		437.47

28 16 11 00-0227 Master Door Stations (28 16 11 00-0214)

28 16 11 00-0228	EA		Master Door Stations, Button Buzzer Type, 25 Station 1,990.54 For Intercom Type Master Door Station, Add 125.67		
28 16 11 00-0229	EA		Master Door Stations, Button Buzzer Type, 50 Station 3,303.26 For Intercom Type Master Door Station, Add 203.59		
28 16 11 00-0230	EA		Master Door Stations, Button Buzzer Type, 75 Station 4,555.64 For Intercom Type Master Door Station, Add 263.91		
28 16 11 00-0231	EA		Master Door Stations, Button Buzzer Type, 100 Station 5,196.58 For Intercom Type Master Door Station, Add 309.15		
28 16 11 00-0232	EA		Master Door Stations, Button Buzzer Type, 150 Station 6,194.89 For Intercom Type Master Door Station, Add 452.41		
28 16 11 00-0233	EA		Master Door Stations, Button Buzzer Type, 200 Station 7,192.97 For Intercom Type Master Door Station, Add 583.11		
28 16 11 00-0234	EA		Master Door Stations, Button Buzzer Type, 250 Station 9,026.15 For Intercom Type Master Door Station, Add 754.02		
28 16 11 00-0235	EA		Master Door Stations, Button Buzzer Type, 300 Station 10,835.47 For Intercom Type Master Door Station, Add 864.61		
28 16 11 00-0236	EA		Transformer 137.66		
28 16 11 00-0237	EA		Door Opener 204.37		
28 16 11 00-0238	EA		Buzzer With Door Release And Plate 256.89		
28 16 11 00-0239	EA		Amplifier For Intercom Type Unit 380.28		
28 16 11 00-0240	EA		Speaker With Door Release 164.89		

28 16 11 00-0241 Request To Exit Detector (28 16 11)

28 16 11 00-0242	EA		Request-To-Exit Detector; Bosch DS160 170.65		81.88
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28 16 11 00-0243 Access Power Controllers (28 16 11)

28 16 11 00-0244	EA		26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D 1,108.75 Note: Includes power supply		96.59
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28 18 Security Access Detection Equipment (28 10)
28 18 11 Security Access Metal Detectors (28 18)

28 18 11 00-0001	EA		Handheld Scanner (Garrett Super Scanner V) 178.23		26.25
28 18 11 00-0002	EA		Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000) 2,810.49		314.96
28 18 11 00-0003	EA		Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I) 4,298.07		419.94

28 20 Video Surveillance (28)

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras (28 20)
28 21 31 Proprietary Surveillance Camera Systems (28 21)
28 21 31 00-0001 Closed Circuit Television And Surveillance Systems (Pelco) (28 21 31)
 Note: Includes programming of equipment, testing of new devices and certification.

28 21 31 00-0002 Cameras And Accessories (28 21 31 00-0001)
28 21 31 00-0003 Cameras (28 21 31 00-0002)
28 21 31 00-0004 Compact, 1/3" Format Cameras (28 21 31 00-0003)
28 21 31 00-0005 High Resolution Color, Compact, 1/3" Format Cameras (28 21 31 00-0004)

28 21 31 00-0006	EA		High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6) 446.74		26.28
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28 21 31 00-0007 Day/Night, Compact, 1/3" Format Cameras (28 21 31 00-0004)

28 21 31 00-0008	EA		High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6) 267.96		26.28
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28	28 Electronic Safety And Security
28 20	Video Surveillance
28 21	Surveillance Cameras



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 21 31 00-0009			Camerapaks <small>(28 21 31 00-0002)</small> Note: Includes camera and lens.		
28 21 31 00-0010			Camerapaks <small>(28 21 31 00-0009)</small>		
28 21 31 00-0011			High Resolution Color, Camerapaks <small>(28 21 31 00-0010)</small>		
28 21 31 00-0012			Fixed Focus, High Resolution Color, Camerapaks <small>(28 21 31 00-0011)</small>		
28 21 31 00-0013			Manual Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(28 21 31 00-0012)</small>		
28 21 31 00-0014	EA		2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	345.50	26.28
28 21 31 00-0015	EA		2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	325.40	26.28
28 21 31 00-0016	EA		4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	316.07	26.28
28 21 31 00-0017	EA		8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	313.91	26.28
28 21 31 00-0018			Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(28 21 31 00-0012)</small>		
28 21 31 00-0019	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A).....	375.66	26.28
28 21 31 00-0020	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A).....	345.50	26.28
28 21 31 00-0021	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A).....	338.32	26.28
28 21 31 00-0022	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A).....	332.58	26.28
28 21 31 00-0023			Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0011)</small>		
28 21 31 00-0024			Manual Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0023)</small>		
28 21 31 00-0025	EA		1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1).....	405.10	26.28
28 21 31 00-0026	EA		2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2).....	366.33	26.28
28 21 31 00-0027	EA		2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21).....	334.73	26.28
28 21 31 00-0028	EA		3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3).....	321.81	26.28
28 21 31 00-0029	EA		5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5).....	369.92	26.28
28 21 31 00-0030			Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0023)</small>		
28 21 31 00-0031	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A).....	436.69	26.28
28 21 31 00-0032	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A).....	410.12	26.28
28 21 31 00-0033	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A).....	364.89	26.28
28 21 31 00-0034	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A).....	326.84	26.28
28 21 31 00-0035	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A).....	384.99	26.28
28 21 31 00-0036	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A).....	433.82	26.28
28 21 31 00-0037	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A).....	496.28	26.28
28 21 31 00-0038			Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0023)</small>		
28 21 31 00-0039	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	343.35	26.28
28 21 31 00-0040	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A).....	408.69	26.28
28 21 31 00-0041			High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0010)</small>		
28 21 31 00-0042			Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0041)</small>		
28 21 31 00-0043			Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0042)</small>		
28 21 31 00-0044	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	684.40	26.28
28 21 31 00-0045	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	639.17	26.28
28 21 31 00-0046	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	601.11	26.28
28 21 31 00-0047	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	659.27	26.28
28 21 31 00-0048	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	708.09	26.28
28 21 31 00-0049	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	769.84	26.28
28 21 31 00-0050			Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0042)</small>		
28 21 31 00-0051	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	617.63	26.28
28 21 31 00-0052	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A).....	682.96	26.28
28 21 31 00-0053			Compact Camerapaks <small>(28 21 31 00-0009)</small>		
28 21 31 00-0054			High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0053)</small>		
28 21 31 00-0055			DSS, High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0054)</small>		
28 21 31 00-0056			Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0055)</small>		
28 21 31 00-0057			Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0056)</small>		
28 21 31 00-0058	EA		2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3).....	532.90	26.28
28 21 31 00-0059	EA		2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8).....	512.80	26.28
28 21 31 00-0060	EA		4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4).....	502.75	26.28
28 21 31 00-0061	EA		8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8).....	500.59	26.28

28 21 31 00-0062	Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0066)</small>	
28 21 31 00-0063	EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A).....	562.34 26.28
28 21 31 00-0064	EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A).....	532.90 26.28
28 21 31 00-0065	EA 4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A).....	525.72 26.28
28 21 31 00-0066	EA 8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A).....	519.98 26.28
28 21 31 00-0067	Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>	
28 21 31 00-0068	Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>	
28 21 31 00-0069	EA 1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1).....	592.50 26.28
28 21 31 00-0070	EA 2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2).....	553.01 26.28
28 21 31 00-0071	EA 2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21).....	522.13 26.28
28 21 31 00-0072	EA 3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3).....	509.21 26.28
28 21 31 00-0073	EA 5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5).....	556.60 26.28
28 21 31 00-0074	EA 5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50).....	587.47 26.28
28 21 31 00-0075	EA 5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55).....	660.71 26.28
28 21 31 00-0076	Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>	
28 21 31 00-0077	EA 1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A).....	623.37 26.28
28 21 31 00-0078	EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A).....	597.52 26.28
28 21 31 00-0079	EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A).....	552.29 26.28
28 21 31 00-0080	EA 3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A).....	513.52 26.28
28 21 31 00-0081	EA 5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A).....	572.39 26.28
28 21 31 00-0082	EA 5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A).....	621.22 26.28
28 21 31 00-0083	EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A).....	682.96 26.28
28 21 31 00-0084	Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0067)</small>	
28 21 31 00-0085	EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A).....	530.75 26.28
28 21 31 00-0086	EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A).....	596.09 26.28
28 21 31 00-0087	EDR, High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0054)</small>	
28 21 31 00-0088	Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0087)</small>	
28 21 31 00-0089	Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0088)</small>	
28 21 31 00-0090	EA 2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	532.90 26.28
28 21 31 00-0091	EA 2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	400.79 26.28
28 21 31 00-0092	EA 4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	390.74 26.28
28 21 31 00-0093	EA 8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	388.58 26.28
28 21 31 00-0094	Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0088)</small>	
28 21 31 00-0095	EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	450.33 26.28
28 21 31 00-0096	EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	420.89 26.28
28 21 31 00-0097	EA 4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	413.71 26.28
28 21 31 00-0098	EA 8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	413.71 26.28
28 21 31 00-0099	Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0087)</small>	
28 21 31 00-0100	Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>	
28 21 31 00-0101	EA 1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	480.49 26.28
28 21 31 00-0102	EA 2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	441.00 26.28
28 21 31 00-0103	EA 2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	410.12 26.28
28 21 31 00-0104	EA 3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	397.20 26.28
28 21 31 00-0105	EA 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	444.59 26.28
28 21 31 00-0106	EA 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	475.46 26.28
28 21 31 00-0107	EA 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	548.70 26.28
28 21 31 00-0108	Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>	
28 21 31 00-0109	EA 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	511.36 26.28
28 21 31 00-0110	EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	485.51 26.28
28 21 31 00-0111	EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	439.56 26.28
28 21 31 00-0112	EA 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	401.51 26.28
28 21 31 00-0113	EA 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	460.38 26.28
28 21 31 00-0114	EA 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	509.21 26.28
28 21 31 00-0115	EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	570.96 26.28
28 21 31 00-0116	Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 21 31 00-0099)</small>	

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 21 31 00-0117	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	418.74		26.28
28 21 31 00-0118	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	484.08		26.28
28 21 31 00-0119		High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0053)			
28 21 31 00-0120		Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0119)			
28 21 31 00-0121		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0120)			
28 21 31 00-0122	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	492.69		26.28
28 21 31 00-0123		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0120)			
28 21 31 00-0124	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	554.44		26.28
28 21 31 00-0125	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	524.29		26.28
28 21 31 00-0126		Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0119)			
28 21 31 00-0127		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0126)			
28 21 31 00-0128	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	513.52		26.28
28 21 31 00-0129	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	500.59		26.28
28 21 31 00-0130	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	579.57		26.28
28 21 31 00-0131		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0126)			
28 21 31 00-0132	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	588.91		26.28
28 21 31 00-0133	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	543.67		26.28
28 21 31 00-0134	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	505.62		26.28
28 21 31 00-0135	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	563.78		26.28
28 21 31 00-0136	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	612.60		26.28
28 21 31 00-0137	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	675.07		26.28
28 21 31 00-0138		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0126)			
28 21 31 00-0139	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	522.13		26.28
28 21 31 00-0140	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	587.47		26.28
28 21 31 00-0141		Camera Systems (28 21 31 00-0002)			
28 21 31 00-0142		Camera Dome Systems (28 21 31 00-0141)			
28 21 31 00-0143		Spectra®, Pan/Tilt Camera Dome Systems (28 21 31 00-0142)			
28 21 31 00-0144		Spectra®, Pan/Tilt Camera Dome Systems (28 21 31 00-0143) Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.			
28 21 31 00-0145		Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)			
28 21 31 00-0146		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0145)			
28 21 31 00-0147	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,202.27		157.68
28 21 31 00-0148	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,496.65		157.68
28 21 31 00-0149	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,628.77		157.68
28 21 31 00-0150	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	3,616.73		157.68
28 21 31 00-0151		Color, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0145)			
28 21 31 00-0152	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,868.40		157.68
28 21 31 00-0153	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,017.03		157.68
28 21 31 00-0154	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,149.86		157.68
28 21 31 00-0155	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,225.97		157.68
28 21 31 00-0156	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,225.97		157.68
28 21 31 00-0157	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,328.64		157.68
28 21 31 00-0158	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,623.74		157.68
28 21 31 00-0159	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,756.57		157.68
28 21 31 00-0160	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,832.68		157.68
28 21 31 00-0161	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,832.68		157.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0162 Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0145)</small>		
28 21 31 00-0163 EA 23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,696.98	157.68
28 21 31 00-0164 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	2,992.07	157.68
28 21 31 00-0165 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,124.90	157.68
28 21 31 00-0166 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,201.01	157.68
28 21 31 00-0167 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,201.01	157.68
28 21 31 00-0168 Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0145)</small>		
28 21 31 00-0169 EA 18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,455.73	157.68
28 21 31 00-0170 EA 18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,605.07	157.68
28 21 31 00-0171 EA 18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,737.18	157.68
28 21 31 00-0172 EA 18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,305.29	157.68
28 21 31 00-0173 EA 18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,813.29	157.68
28 21 31 00-0174 EA 35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,938.94	157.68
28 21 31 00-0175 EA 35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,173.73	157.68
28 21 31 00-0176 EA 35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,305.84	157.68
28 21 31 00-0177 EA 35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,381.95	157.68
28 21 31 00-0178 EA 35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,381.95	157.68
28 21 31 00-0179 Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0180 Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0179)</small>		
28 21 31 00-0181 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,404.75	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0182 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,532.55	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0183 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,634.51	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0184 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	2,966.94	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0185 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,094.75	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0186 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,197.42	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0187 Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0179)</small>		
28 21 31 00-0188 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	2,992.07	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0189 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,119.88	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0190 EA 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,222.55	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0191 EA 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,516.93	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0192 EA 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	3,644.02	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0193 EA 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	3,746.69	157.68
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0194 Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0195 Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0194)</small>		
28 21 31 00-0196 EA 18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	3,934.81	157.68
28 21 31 00-0197 EA 35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	4,459.67	157.68
28 21 31 00-0198 Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0199 Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0200 EA 22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,430.77	157.68
28 21 31 00-0201 Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0202 EA 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	2,995.66	157.68
28 21 31 00-0203 EA 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	3,558.58	157.68

28 Electronic Safety And Security

28 20 Video Surveillance

28 21 Surveillance Cameras

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 21 31 00-0204		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	3,926.91	157.68
28 21 31 00-0206		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0198)</small>		
28 21 31 00-0207	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	3,583.71	157.68
28 21 31 00-0208	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	4,107.85	157.68
28 21 31 00-0209		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0144)</small>		
28 21 31 00-0210		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0209)</small>		
28 21 31 00-0211	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B).....	1,418.94	157.68
28 21 31 00-0212		Spectra® IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0143)</small> Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0213		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0214		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0213)</small>		
28 21 31 00-0215	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	2,553.38	157.68
28 21 31 00-0216	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	2,686.21	157.68
28 21 31 00-0217	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	2,762.31	157.68
28 21 31 00-0218	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	2,762.31	157.68
28 21 31 00-0219	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	3,160.09	157.68
28 21 31 00-0220	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	3,292.92	157.68
28 21 31 00-0221	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	3,369.02	157.68
28 21 31 00-0222	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	3,369.02	157.68
28 21 31 00-0223		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0213)</small>		
28 21 31 00-0224	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	3,528.42	157.68
28 21 31 00-0225	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	3,661.25	157.68
28 21 31 00-0226	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	3,737.36	157.68
28 21 31 00-0227	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	3,737.36	157.68
28 21 31 00-0228		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0229		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0228)</small>		
28 21 31 00-0230	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)..... <i>For Protective Lower Dome Cage, Add</i>	2,941.10 34.65	157.68
28 21 31 00-0231	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)..... <i>For Protective Lower Dome Cage, Add</i>	3,068.90 34.65	157.68
28 21 31 00-0232	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)..... <i>For Protective Lower Dome Cage, Add</i>	3,170.86 34.65	157.68
28 21 31 00-0233	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)..... <i>For Protective Lower Dome Cage, Add</i>	3,503.29 34.65	157.68
28 21 31 00-0234	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)..... <i>For Protective Lower Dome Cage, Add</i>	3,631.09 34.65	157.68
28 21 31 00-0235	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)..... <i>For Protective Lower Dome Cage, Add</i>	3,733.77 34.65	157.68
28 21 31 00-0236		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0228)</small>		
28 21 31 00-0237	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)..... <i>For Protective Lower Dome Cage, Add</i>	3,528.42 34.65	157.68
28 21 31 00-0238	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)..... <i>For Protective Lower Dome Cage, Add</i>	3,656.22 34.65	157.68
28 21 31 00-0239	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)..... <i>For Protective Lower Dome Cage, Add</i>	3,758.90 34.65	157.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0240	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1) <i>For Protective Lower Dome Cage, Add</i>	4,053.28 34.65	157.68
28 21 31 00-0241	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1) <i>For Protective Lower Dome Cage, Add</i>	4,180.36 34.65	157.68
28 21 31 00-0242	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1) <i>For Protective Lower Dome Cage, Add</i>	4,283.04 34.65	157.68
28 21 31 00-0243			Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0244			Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0245	EA		16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1).....	3,532.01	157.68
28 21 31 00-0246	EA		22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1).....	4,094.92	157.68
28 21 31 00-0247			Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0248	EA		23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	4,463.26	157.68
28 21 31 00-0249			Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0243)</small>		
28 21 31 00-0250	EA		18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	4,120.05	157.68
28 21 31 00-0251	EA		35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	4,644.19	157.68
28 21 31 00-0252			Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0212)</small>		
28 21 31 00-0253			Color, Miniature Spectra® IP Network, Mini Camera Dome Systems <small>(28 21 31 00-0252)</small>		
28 21 31 00-0254	EA		10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1).....	1,765.01	157.68
28 21 31 00-0255			Spectra®, Pan/Tilt Dome Drives <small>(28 21 31 00-0143)</small> Note: Includes dome drive, camera and lens.		
28 21 31 00-0256	EA		10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4).....	1,312.53	131.40
28 21 31 00-0257	EA		10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N).....	1,657.17	131.40
28 21 31 00-0258	EA		22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22).....	2,082.94	131.40
28 21 31 00-0259	EA		16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16).....	1,647.83	131.40
28 21 31 00-0260	EA		22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22).....	2,210.03	131.40
28 21 31 00-0261	EA		18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18).....	2,235.16	131.40
28 21 31 00-0262	EA		23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23).....	2,578.36	131.40
28 21 31 00-0263	EA		35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35).....	2,760.01	131.40
28 21 31 00-0264	EA		35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35).....	2,760.01	131.40
28 21 31 00-0265			Accessories For Spectra® Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0143)</small>		
28 21 31 00-0266	EA		Upgrade To Chrome Lower Dome (Pelco Spectra).....	101.24	
28 21 31 00-0267	EA		Upgrade To Gold Lower Dome (Pelco Spectra).....	132.11	
28 21 31 00-0268	EA		Wall Mount For Spectra® Systems (Pelco IWM-BK).....	115.31	13.14
28 21 31 00-0269	EA		24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK).....	282.61	13.14
28 21 31 00-0270	EA		Wall Arm Mount For Spectra® Systems (Pelco IDM4018).....	112.44	13.14
28 21 31 00-0271	EA		Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS).....	259.44	13.14
28 21 31 00-0272	EA		Pole Mount Adapter For Spectra® Systems (Pelco PA402).....	62.56	7.82
28 21 31 00-0273			Camclosure®, Camera Dome Systems <small>(28 21 31 00-0142)</small>		
28 21 31 00-0274			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0273)</small>		
28 21 31 00-0275			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0274)</small>		
28 21 31 00-0276			High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0275)</small>		
28 21 31 00-0277	EA		12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	570.26	157.68
28 21 31 00-0278	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22).....	613.34	157.68
28 21 31 00-0279	EA		12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	674.37	157.68
28 21 31 00-0280	EA		12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	674.37	157.68
28 21 31 00-0281			Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0275)</small>		

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 21 31 00-0282	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22).....	682.27		157.68
28 21 31 00-0283	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22).....	738.27		157.68
28 21 31 00-0284	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	738.27		157.68
28 21 31 00-0285		Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)			
28 21 31 00-0286	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22).....	772.74		157.68
28 21 31 00-0287	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22).....	911.31		157.68
28 21 31 00-0288	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22).....	911.31		157.68
28 21 31 00-0289		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)			
28 21 31 00-0290	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	838.79		157.68
28 21 31 00-0291	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	927.82		157.68
28 21 31 00-0292		Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0274)			
28 21 31 00-0293		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)			
28 21 31 00-0294	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6).....	600.84		105.12
28 21 31 00-0295		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)			
28 21 31 00-0296	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22).....	681.98		105.12
28 21 31 00-0297		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)			
28 21 31 00-0298	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	746.60		105.12
28 21 31 00-0299		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)			
28 21 31 00-0300	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22).....	778.91		105.12
28 21 31 00-0301		Camclosure® IS Integrated Cameras (28 21 31 00-0274)			
28 21 31 00-0302	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12).....	435.70		105.12
28 21 31 00-0303	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	435.70		105.12
28 21 31 00-0304	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22).....	499.60		105.12
28 21 31 00-0305	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	672.64		105.12
28 21 31 00-0306	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22).....	689.16		105.12
28 21 31 00-0307		Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0273)			
28 21 31 00-0308		Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0307)			
28 21 31 00-0309		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)			
28 21 31 00-0310	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12).....	499.18		157.68
28 21 31 00-0311	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T).....	530.05		157.68
28 21 31 00-0312	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12).....	653.55		157.68
28 21 31 00-0313	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12).....	653.55		157.68
28 21 31 00-0314		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)			
28 21 31 00-0315	EA	3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A).....	792.12		157.68
28 21 31 00-0316		Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0307)			
28 21 31 00-0317		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0316)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0318 EA 12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12).....	548.43	105.12
28 21 31 00-0319 Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0307)		
28 21 31 00-0320 High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0321 EA 9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	738.27	157.68
28 21 31 00-0322 Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0323 EA 9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22).....	802.89	157.68
28 21 31 00-0324 Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0325 EA 9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22).....	884.03	157.68
28 21 31 00-0326 Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)		
28 21 31 00-0327 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22).....	916.34	157.68
28 21 31 00-0328 Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0273)		
28 21 31 00-0329 Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0328)		
28 21 31 00-0330 High Resolution Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0331 EA 3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9).....	1,272.46	157.68
28 21 31 00-0332 EA 9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22).....	1,272.46	157.68
28 21 31 00-0333 Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0334 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9).....	1,361.50	157.68
28 21 31 00-0335 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22).....	1,361.50	157.68
28 21 31 00-0336 Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0337 EA 3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9).....	1,498.63	157.68
28 21 31 00-0338 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22).....	1,498.63	157.68
28 21 31 00-0339 Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)		
28 21 31 00-0340 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9).....	1,595.56	157.68
28 21 31 00-0341 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22).....	1,595.56	157.68
28 21 31 00-0342 Accessories For Camclosure® Camera Dome Systems (28 21 31 00-0273)		
28 21 31 00-0343 EA 4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP).....	28.69	7.88
28 21 31 00-0344 EA 4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP).....	28.69	7.88
28 21 31 00-0345 EA Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS).....	39.20	13.14
28 21 31 00-0346 EA Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND).....	59.31	13.14
28 21 31 00-0347 EA 2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P).....	58.85	7.88
28 21 31 00-0348 EA Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG).....	59.31	13.14
28 21 31 00-0349 EA Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM).....	73.67	13.14
28 21 31 00-0350 EA Smoked, Surface Mount, Dome For Camclosure® IS Systems (Pelco ICS-DO110A).....	193.29	26.28
28 21 31 00-0351 EA Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	193.29	26.28
28 21 31 00-0352 EA Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A).....	193.29	26.28
28 21 31 00-0353 EA Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	193.29	26.28
28 21 31 00-0354 EA Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	70.08	13.14
28 21 31 00-0355 EA Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	84.87	26.28
28 21 31 00-0356 EA Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	84.87	26.28
28 21 31 00-0357 EA Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	84.87	26.28
28 21 31 00-0358 EA Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	84.87	26.28
28 21 31 00-0359 EA Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD).....	84.87	26.28
28 21 31 00-0360 EA Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	84.87	26.28
28 21 31 00-0361 EA Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	244.82	35.89
28 21 31 00-0362 EA Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	51.41	13.14
28 21 31 00-0363 EA Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	83.72	13.14

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0364	EA		White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	51.41	13.14
28 21 31 00-0365	EA		White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	83.72	13.14
28 21 31 00-0366	EA		Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	1,191.33	157.68
28 21 31 00-0367			Pan/Tilt Camera Systems (28 21 31 00-0141)		
28 21 31 00-0368			Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0367)		
			Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0369			EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0368)		
28 21 31 00-0370			Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)		
28 21 31 00-0371	EA		10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	3,282.58	236.53
28 21 31 00-0372	EA		20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	3,714.10	236.53
28 21 31 00-0373	EA		30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	4,312.20	236.53
28 21 31 00-0374	EA		10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN).....	3,375.21	236.53
28 21 31 00-0375	EA		20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	3,826.11	236.53
28 21 31 00-0376	EA		30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN).....	4,424.20	236.53
28 21 31 00-0377			Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)		
28 21 31 00-0378	EA		10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W).....	3,312.02	236.53
28 21 31 00-0379	EA		20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W).....	3,743.54	236.53
28 21 31 00-0380	EA		30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W).....	4,341.63	236.53
28 21 31 00-0381	EA		10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW).....	3,405.36	236.53
28 21 31 00-0382	EA		20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW).....	3,855.55	236.53
28 21 31 00-0383	EA		30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	4,453.64	236.53
28 21 31 00-0384			Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0385			DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0384)		
28 21 31 00-0386			Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)		
28 21 31 00-0387	EA		10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	3,394.59	236.53
28 21 31 00-0388	EA		20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	3,826.11	236.53
28 21 31 00-0389	EA		30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	4,424.20	236.53
28 21 31 00-0390	EA		10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	3,487.21	236.53
28 21 31 00-0391	EA		20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	3,938.12	236.53
28 21 31 00-0392	EA		30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	4,536.21	236.53
28 21 31 00-0393			Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)		
28 21 31 00-0394	EA		10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	3,424.03	236.53
28 21 31 00-0395	EA		20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	3,855.55	236.53
28 21 31 00-0396	EA		30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	4,453.64	236.53
28 21 31 00-0397	EA		10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	3,517.37	236.53
28 21 31 00-0398	EA		20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	3,967.56	236.53
28 21 31 00-0399	EA		30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	4,565.65	236.53
28 21 31 00-0400			Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0367)		
28 21 31 00-0401			High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0400)		
28 21 31 00-0402			Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0401)		
28 21 31 00-0403	EA		6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N).....	3,207.19	236.53
28 21 31 00-0404	EA		5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N).....	3,638.71	236.53
28 21 31 00-0405	EA		5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N).....	4,236.81	236.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0406 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN).....	3,300.53	236.53
28 21 31 00-0407 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN).....	3,750.72	236.53
28 21 31 00-0408 EA 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN).....	4,348.81	236.53
28 21 31 00-0409 Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0401)</i>		
28 21 31 00-0410 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,237.35	236.53
28 21 31 00-0411 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W).....	3,668.15	236.53
28 21 31 00-0412 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W).....	4,266.96	236.53
28 21 31 00-0413 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW).....	3,258.17	236.53
28 21 31 00-0414 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,329.97	236.53
28 21 31 00-0415 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW).....	3,780.16	236.53
28 21 31 00-0416 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW).....	4,378.97	236.53
28 21 31 00-0417 Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0418 Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0417)</i>		
28 21 31 00-0419 Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0418)</i>		
28 21 31 00-0420 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N).....	3,817.49	236.53
28 21 31 00-0421 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N).....	4,415.59	236.53
28 21 31 00-0422 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN).....	3,479.32	236.53
28 21 31 00-0423 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN).....	3,929.50	236.53
28 21 31 00-0424 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN).....	4,527.60	236.53
28 21 31 00-0425 Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0418)</i>		
28 21 31 00-0426 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W).....	3,416.13	236.53
28 21 31 00-0427 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W).....	3,846.93	236.53
28 21 31 00-0428 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W).....	4,445.74	236.53
28 21 31 00-0429 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW).....	3,508.75	236.53
28 21 31 00-0430 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW).....	3,958.94	236.53
28 21 31 00-0431 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW).....	4,557.75	236.53
28 21 31 00-0432 Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0433 Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0432)</i>		
28 21 31 00-0434 Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0433)</i>		
28 21 31 00-0435 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N).....	4,511.08	236.53
28 21 31 00-0436 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN).....	3,574.09	236.53
28 21 31 00-0437 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN).....	4,623.09	236.53
28 21 31 00-0438 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <i>(28 21 31 00-0433)</i>		
28 21 31 00-0439 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W).....	3,510.91	236.53
28 21 31 00-0440 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W).....	4,541.24	236.53
28 21 31 00-0441 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW).....	3,604.25	236.53
28 21 31 00-0442 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	4,054.43	236.53
28 21 31 00-0443 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	4,653.25	236.53
28 21 31 00-0444 Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0367)</i>		
28 21 31 00-0445 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0444)</i>		
28 21 31 00-0446 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0445)</i>		
28 21 31 00-0447 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N).....	3,811.75	236.53
28 21 31 00-0448 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems <i>(28 21 31 00-0445)</i>		
28 21 31 00-0449 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W).....	3,841.19	236.53

28 Electronic Safety And Security

28 20 Video Surveillance

28 21 Surveillance Cameras

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

Table with columns: Item ID, Description, Unit, and Cost. Includes categories like 'High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems', 'Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems', 'Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems', 'Esprit® IOP, Pan/Tilt Camera Systems', 'Esprit® Thermal, Pan/Tilt Camera Systems', 'Accessories For Esprit® Pan/Tilt Camera Systems', and 'Camera Lenses'. Total entries include sub-items with specific model numbers and quantities.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0508 EA 4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....	96.73	12.34
28 21 31 00-0509 EA 8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....	94.57	12.34
28 21 31 00-0510 Direct Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0504)		
Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0511 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3).....	156.32	12.34
28 21 31 00-0512 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8).....	126.88	12.34
28 21 31 00-0513 EA 4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4).....	119.70	12.34
28 21 31 00-0514 EA 8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8).....	88.11	12.34
28 21 31 00-0515 Video Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0504)		
Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0516 EA 2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S).....	182.89	12.34
28 21 31 00-0517 EA 2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S).....	152.73	12.34
28 21 31 00-0518 EA 4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S).....	145.55	12.34
28 21 31 00-0519 EA 8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S).....	139.81	12.34
28 21 31 00-0520 Varifocal Camera Lenses (28 21 31 00-0503)		
Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0521 Manual Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
28 21 31 00-0522 EA 1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....	208.57	12.34
28 21 31 00-0523 EA 2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....	146.99	12.34
28 21 31 00-0524 EA 2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....	116.11	12.34
28 21 31 00-0525 EA 3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....	103.19	12.34
28 21 31 00-0526 EA 5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....	254.69	12.34
28 21 31 00-0527 EA 5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....	161.65	12.34
28 21 31 00-0528 EA 5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....	172.32	12.34
28 21 31 00-0529 Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
Note: Includes spot filter.		
28 21 31 00-0530 EA 1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3).....	205.02	12.34
28 21 31 00-0531 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6).....	180.85	12.34
28 21 31 00-0532 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12).....	138.20	12.34
28 21 31 00-0533 EA 3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....	102.65	12.34
28 21 31 00-0534 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5).....	276.95	12.34
28 21 31 00-0535 EA 5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....	202.88	12.34
28 21 31 00-0536 Video Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
Note: Includes spot filter.		
28 21 31 00-0537 EA 1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S).....	243.92	12.34
28 21 31 00-0538 EA 2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S).....	217.35	12.34
28 21 31 00-0539 EA 3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....	134.06	12.34
28 21 31 00-0540 EA 5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....	241.05	12.34
28 21 31 00-0541 Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0520)		
28 21 31 00-0542 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....	119.00	12.34
28 21 31 00-0543 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....	179.43	12.34
28 21 31 00-0544 Motorized Zoom Camera Lenses (28 21 31 00-0503)		
Note: 1/3" format.		
28 21 31 00-0545 Manual Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
28 21 31 00-0546 EA 8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	435.62	12.34
28 21 31 00-0547 EA 10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	541.89	12.34
28 21 31 00-0548 EA 15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	577.07	12.34
28 21 31 00-0549 Direct Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
Note: Includes spot filter.		
28 21 31 00-0550 EA 6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	478.69	12.34
28 21 31 00-0551 EA 10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	553.33	12.34
28 21 31 00-0552 EA 15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	636.66	12.34
28 21 31 00-0553 EA 20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	949.99	12.34
28 21 31 00-0554 EA 30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	1,886.18	12.34
28 21 31 00-0555 Video Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0544)		
Note: Includes spot filter.		
28 21 31 00-0556 EA 8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	446.39	12.34
28 21 31 00-0557 EA 10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	529.68	12.34
28 21 31 00-0558 EA 15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	663.23	12.34
28 21 31 00-0559 EA 20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	961.20	12.34
28 21 31 00-0560 EA 30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	1,559.29	12.34
28 21 31 00-0561 Camera Power Supplies (28 21 31 00-0002)		
28 21 31 00-0562 EA 20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000).....	33.94	10.51

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0563	EA		50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000).....	55.48	10.51
28 21 31 00-0564	EA		2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	273.08	21.02
28 21 31 00-0565	EA		5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	315.42	31.54
28 21 31 00-0566	EA		10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	355.64	42.05
			<i>For Switchable Outputs, Add</i>	162.92	
28 21 31 00-0567	EA		20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	397.99	52.56
			<i>For Switchable Outputs, Add</i>	175.72	
28 21 31 00-0568			Camera Illuminators (28 21 31 00-0002)		
28 21 31 00-0569			Camera Illuminators (28 21 31 00-0568) Note: Includes lamp and mounting bracket.		
28 21 31 00-0570	EA		Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF).....	1,142.03	21.02
28 21 31 00-0571	EA		Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS).....	1,142.03	21.02
28 21 31 00-0572	EA		Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF).....	1,142.03	21.02
28 21 31 00-0573			Camera Illuminator Accessories (28 21 31 00-0568)		
28 21 31 00-0574	EA		Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....	103.08	21.02
28 21 31 00-0575			Camera Receivers (28 21 31 00-0002)		
28 21 31 00-0576	EA		24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,129.39	35.89
28 21 31 00-0577	EA		120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,129.39	35.89
28 21 31 00-0578			Pan And Tilt Drives (28 21 31 00-0002)		
28 21 31 00-0579	EA		15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P).....	813.21	78.84
28 21 31 00-0580	EA		40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P).....	1,022.87	78.84
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0581	EA		100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P).....	2,122.85	78.84
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0582	EA		100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC).....	2,420.82	78.84
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0583	EA		100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	2,795.61	78.84
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0584	EA		100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	3,592.59	78.84
			<i>For Preset Positioning, Add</i>	165.00	
28 21 31 00-0585			Scanners (28 21 31 00-0002)		
28 21 31 00-0586	EA		35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	923.07	78.84
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 21 31 00-0587	EA		35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	968.30	78.84
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 21 31 00-0588			Camera Monitors (28 21 31 00-0001)		
28 21 31 00-0589			Camera Monitors (28 21 31 00-0588)		
28 21 31 00-0590			Monochrome Camera Monitors (28 21 31 00-0589)		
28 21 31 00-0591	EA		9" Monochrome Camera Monitor (Pelco PMM9A).....	180.17	15.77
28 21 31 00-0592	EA		12" Monochrome Camera Monitor (Pelco PMM12A).....	205.30	15.77
28 21 31 00-0593	EA		15" Monochrome Camera Monitor (Pelco PMM15A).....	311.56	15.77
28 21 31 00-0594	EA		20" Monochrome Camera Monitor (Pelco PMM20A).....	497.52	15.77
28 21 31 00-0595			Color Camera Monitors (28 21 31 00-0589)		
28 21 31 00-0596	EA		9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	560.71	15.77
28 21 31 00-0597	EA		15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	455.88	15.77
28 21 31 00-0598	EA		17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	659.79	15.77
28 21 31 00-0599	EA		19", High Resolution Color, Camera Monitor (Pelco PMCS19A).....	875.19	15.77
28 21 31 00-0600			LCD Camera Monitors (28 21 31 00-0588)		
28 21 31 00-0601			VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) (28 21 31 00-0600) Note: Displays VGA computer signals.		
28 21 31 00-0602	EA		17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217).....	633.22	15.77
28 21 31 00-0603	EA		19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219).....	822.78	15.77
28 21 31 00-0604			Multimode, Color LCD Camera Monitors (Pelco 300 Series) (28 21 31 00-0600) Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0605	EA		15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315).....	719.38	15.77
28 21 31 00-0606	EA		17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317).....	860.11	15.77
28 21 31 00-0607	EA		19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319).....	1,056.84	15.77
28 21 31 00-0608			Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) (28 21 31 00-0600) Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0609	EA		15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415).....	921.86	15.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0610 EA 17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,068.33	15.77
28 21 31 00-0611 EA 19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,339.02	15.77
28 21 31 00-0612 Camera Monitor Mounting Accessories (28 21 31 00-0588)		
28 21 31 00-0613 Camera Monitor Mounts (28 21 31 00-0612)		
28 21 31 00-0614 EA Up To 14", Camera Monitor Mount (Pelco).....	221.55	21.02
28 21 31 00-0615 EA >14" To 17", Camera Monitor Mount (Pelco)	256.73	21.02
28 21 31 00-0616 EA >17" To 21", Camera Monitor Mount (Pelco)	299.81	21.02
28 21 31 00-0617 Camera Monitor Rack Mount Kits (28 21 31 00-0612)		
28 21 31 00-0618 EA Camera Monitor Rack Mount Kit (Pelco PMCL-RM).....	137.54	21.02
28 21 31 00-0619 Video Transmission Equipment (28 21 31 00-0001)		
28 21 31 00-0620 UTP Cable, Video Transmission Equipment (28 21 31 00-0619)		
28 21 31 00-0621 UTP Cable, Active Video Receivers (28 21 31 00-0620)		
28 21 31 00-0622 EA Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	278.73	26.28
28 21 31 00-0623 EA Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	934.26	26.28
28 21 31 00-0624 EA Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,828.17	26.28
28 21 31 00-0625 EA Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	2,996.36	26.28
28 21 31 00-0626 EA Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,496.81	26.28
28 21 31 00-0627 UTP Cable, Passive Video Transceivers (28 21 31 00-0620)		
28 21 31 00-0628 EA Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	89.18	26.28
28 21 31 00-0629 EA Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	278.73	26.28
28 21 31 00-0630 EA Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	505.62	26.28
28 21 31 00-0631 EA Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	952.21	26.28
28 21 31 00-0632 EA Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,852.59	26.28
28 21 31 00-0633 UTP Cable, Active Video Transmitters (28 21 31 00-0620)		
28 21 31 00-0634 EA Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT).....	290.94	26.28
28 21 31 00-0635 Fiber Optics, Video Transmission Equipment (28 21 31 00-0619)		
28 21 31 00-0636 Data Only, Fiber Optics Transmission Equipment (28 21 31 00-0635)		
28 21 31 00-0637 Bidirectional Data, Fiber Optics Transmitters (28 21 31 00-0636)		
28 21 31 00-0638 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS).....	1,647.38	52.56
28 21 31 00-0639 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	686.70	52.56
28 21 31 00-0640 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S).....	1,210.12	52.56
28 21 31 00-0641 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	841.79	52.56
28 21 31 00-0642 Bidirectional Data, Fiber Optics Receivers (28 21 31 00-0636)		
28 21 31 00-0643 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,647.38	52.56
28 21 31 00-0644 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	686.70	52.56
28 21 31 00-0645 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,210.12	52.56
28 21 31 00-0646 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	841.79	52.56
28 21 31 00-0647 Video Only, Fiber Optics Transmission Equipment (28 21 31 00-0635)		
28 21 31 00-0648 Digitally Encoded Video, Fiber Optics Transmitters (28 21 31 00-0647)		
28 21 31 00-0649 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	744.14	52.56
28 21 31 00-0650 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	337.75	52.56
28 21 31 00-0651 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,021.46	52.56
28 21 31 00-0652 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,224.48	52.56
28 21 31 00-0653 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,296.63	52.56
28 21 31 00-0654 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,745.21	52.56
28 21 31 00-0655 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	8,150.31	52.56
28 21 31 00-0656 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	7,256.40	52.56
28 21 31 00-0657 Digitally Encoded Video, Fiber Optics Receivers (28 21 31 00-0647)		
28 21 31 00-0658 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS).....	744.14	52.56
28 21 31 00-0659 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	337.75	52.56
28 21 31 00-0660 EA Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS).....	1,253.92	52.56
28 21 31 00-0661 EA Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM).....	522.28	52.56
28 21 31 00-0662 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,021.46	52.56
28 21 31 00-0663 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,224.48	52.56
28 21 31 00-0664 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S).....	3,296.63	52.56
28 21 31 00-0665 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M).....	2,745.21	52.56
28 21 31 00-0666 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	8,150.31	52.56
28 21 31 00-0667 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M).....	7,256.40	52.56
28 21 31 00-0668 Video And Data, Fiber Optics Transmission Equipment (28 21 31 00-0635)		

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 21 31 00-0669				Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters <small>(28 21 31 00-0668)</small>		
28 21 31 00-0670	EA			Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS).....	1,266.13	52.56
28 21 31 00-0671	EA			Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	764.24	52.56
28 21 31 00-0672	EA			Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	2,916.81	52.56
28 21 31 00-0673	EA			Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	2,528.37	52.56
28 21 31 00-0674	EA			Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	4,706.78	52.56
28 21 31 00-0675	EA			Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	3,418.69	52.56
28 21 31 00-0676				Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers <small>(28 21 31 00-0668)</small>		
28 21 31 00-0677	EA			Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,266.13	52.56
28 21 31 00-0678	EA			Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	764.24	52.56
28 21 31 00-0679	EA			Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	2,916.81	52.56
28 21 31 00-0680	EA			Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	2,528.37	52.56
28 21 31 00-0681	EA			Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S).....	4,706.78	52.56
28 21 31 00-0682	EA			Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	3,418.69	52.56
28 21 31 00-0683				Video, Audio And Data, Fiber Optics Transmission Equipment <small>(28 21 31 00-0635)</small>		
28 21 31 00-0684				Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters <small>(28 21 31 00-0683)</small>		
28 21 31 00-0685	EA			Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S).....	1,624.41	52.56
28 21 31 00-0686	EA			Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	1,297.00	52.56
28 21 31 00-0687				Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers <small>(28 21 31 00-0683)</small>		
28 21 31 00-0688	EA			Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	1,624.41	52.56
28 21 31 00-0689	EA			Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M).....	1,297.00	52.56
28 21 31 00-0690				Video Amplifiers <small>(28 21 31 00-0619)</small>		
28 21 31 00-0691				Video Distribution Amplifiers <small>(28 21 31 00-0690)</small>		
28 21 31 00-0692	EA			1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT).....	203.63	13.14
28 21 31 00-0693	EA			16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA)..... Note: Inserts time-date and title on up to 16 video inputs.	1,613.78	13.14
28 21 31 00-0694				Video Equalizing Amplifiers <small>(28 21 31 00-0690)</small>		
28 21 31 00-0695	EA			Video Equalizing Amplifier (Pelco EA2010).....	220.86	13.14
28 21 31 00-0696	EA			Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	343.64	13.14
28 21 31 00-0697				Network Video Equipment <small>(28 21 31 00-0001)</small>		
28 21 31 00-0698				Video Encoders/Decoders <small>(28 21 31 00-0697)</small>		
28 21 31 00-0699	EA			MPEG4 IP Video Receiver (Pelco NET300R).....	820.25	26.28
28 21 31 00-0700	EA			MPEG4 IP Video Transmitter (Pelco NET300T).....	820.25	26.28
28 21 31 00-0701	EA			MPEG4 IP Video Receiver With Audio (Pelco NET350R).....	940.87	26.28
28 21 31 00-0702	EA			MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T).....	940.87	26.28
28 21 31 00-0703				Network Video Recorders <small>(28 21 31 00-0697)</small>		
28 21 31 00-0704	EA			16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	5,077.99	52.56
28 21 31 00-0705	EA			32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	5,905.84	52.56
28 21 31 00-0706	EA			64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	7,562.99	52.56
28 21 31 00-0707	EA			64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	5,015.52	52.56
28 21 31 00-0708				Network Video Recorder Software <small>(28 21 31 00-0697)</small>		
28 21 31 00-0709	EA			10 User, License Pack (Pelco VMX300-LIC-10).....	499.73	
28 21 31 00-0710	EA			20 User, License Pack (Pelco VMX300-LIC-20).....	901.09	
28 21 31 00-0711	EA			50 User, License Pack (Pelco VMX300-LIC-50).....	2,001.07	
28 21 31 00-0712	EA			100 User, License Pack (Pelco VMX300-LIC-100).....	3,500.25	
28 21 31 00-0713	EA			10 User, Enterprise License Pack (Pelco VMX300-E-LIC10).....	834.32	
28 21 31 00-0714	EA			20 User, Enterprise License Pack (Pelco VMX300-E-LIC20).....	1,500.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0715 EA 50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,335.11	
28 21 31 00-0716 EA 100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	5,835.19	
28 21 31 00-0717 EA 200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	10,002.46	
28 21 31 00-0718 EA 500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	20,837.80	
28 21 31 00-0719 EA 0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	4,521.94	
28 21 31 00-0720 EA 1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	4,799.80	
28 21 31 00-0721 EA 4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	7,579.18	
28 21 31 00-0722 EA 0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	5,022.38	
28 21 31 00-0723 EA 1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	5,300.25	
28 21 31 00-0724 EA 4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	8,078.19	
28 21 31 00-0725 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	4,855.81	
28 21 31 00-0726 EA 1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	5,134.39	
28 21 31 00-0727 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4).....	7,913.05	
28 21 31 00-0728 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	5,688.69	
28 21 31 00-0729 EA 1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	5,966.55	
28 21 31 00-0730 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	8,745.93	
28 21 31 00-0731 Video Recording Equipment (28 21 31 00-0001)		
28 21 31 00-0732 Digital Video Recorders (28 21 31 00-0731)		
28 21 31 00-0733 EA 8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	7,939.22	52.56
28 21 31 00-0734 EA 8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	10,878.71	52.56
28 21 31 00-0735 EA 8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	13,818.92	52.56
28 21 31 00-0736 EA 16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	9,554.00	52.56
28 21 31 00-0737 EA 16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	12,493.49	52.56
28 21 31 00-0738 EA 16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	15,433.70	52.56
28 21 31 00-0739 EA 24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	10,442.17	52.56
28 21 31 00-0740 EA 24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	13,381.66	52.56
28 21 31 00-0741 EA 24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	16,321.87	52.56
28 21 31 00-0742 EA 32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	12,056.95	52.56
28 21 31 00-0743 EA 32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	14,996.44	52.56
28 21 31 00-0744 EA 32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	17,936.65	52.56
28 21 31 00-0745 EA 16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	8,761.54	52.56
28 21 31 00-0746 Digital Video Recorder Accessories (28 21 31 00-0731)		
28 21 31 00-0747 EA 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	794.40	26.28
28 21 31 00-0748 Matrix Systems And Controls (28 21 31 00-0001)		
28 21 31 00-0749 Video Multiplexers (28 21 31 00-0748)		
28 21 31 00-0750 Monochrome Duplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0751 EA 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	1,479.37	52.56
28 21 31 00-0752 EA 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,399.67	52.56
28 21 31 00-0753 Color Duplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0754 EA 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	1,007.65	52.56
28 21 31 00-0755 EA 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	1,898.68	52.56
28 21 31 00-0756 EA 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	2,055.93	52.56
28 21 31 00-0757 Color Simplex, Video Multiplexers (28 21 31 00-0749)		
28 21 31 00-0758 EA 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	1,600.00	52.56
28 21 31 00-0759 EA 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	1,864.22	52.56
28 21 31 00-0760 Video Multiplexer Accessories (28 21 31 00-0749)		
28 21 31 00-0761 EA Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	901.79	35.89
28 21 31 00-0762 EA Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	544.22	35.89
28 21 31 00-0763 EA Video Multiplexer Server (Pelco MX4000SVR).....	1,479.37	52.56
28 21 31 00-0764 Quad Video Processor (28 21 31 00-0748)		
28 21 31 00-0765 EA Monochrome, Quad Video Processor (Pelco QD104M)	462.54	26.28
28 21 31 00-0766 EA Color, Quad Video Processor (Pelco QD104C)	749.74	26.28
28 21 31 00-0767 Switcher (28 21 31 00-0748)		
28 21 31 00-0768 Terminating Manual Switchers (28 21 31 00-0767)		

28 Electronic Safety And Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 21 31 00-0769		Terminating Manual Switchers (28 21 31 00-0768)			
28 21 31 00-0770	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	166.26		21.02
28 21 31 00-0771	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	222.27		21.02
28 21 31 00-0772	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	268.22		21.02
28 21 31 00-0773	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	432.64		21.02
28 21 31 00-0774		Audio Follow, Terminating Manual Switchers (28 21 31 00-0768)			
28 21 31 00-0775	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	212.22		21.02
28 21 31 00-0776	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	366.59		21.02
28 21 31 00-0777	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	632.96		21.02
28 21 31 00-0778		Balanced Audio Follow, Terminating Manual Switchers (28 21 31 00-0768)			
28 21 31 00-0779	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	280.43		21.02
28 21 31 00-0780	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	505.88		21.02
28 21 31 00-0781		Looping Manual Switchers (28 21 31 00-0767)			
28 21 31 00-0782		Looping Manual Switchers (28 21 31 00-0781)			
28 21 31 00-0783	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	184.93		21.02
28 21 31 00-0784	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	250.27		21.02
28 21 31 00-0785	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	316.33		21.02
28 21 31 00-0786	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	515.21		21.02
28 21 31 00-0787		Audio Follow, Looping Manual Switchers (28 21 31 00-0781)			
28 21 31 00-0788	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	228.01		21.02
28 21 31 00-0789	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	391.00		21.02
28 21 31 00-0790	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	533.16		21.02
28 21 31 00-0791		Balanced Audio Follow, Looping Manual Switchers (28 21 31 00-0781)			
28 21 31 00-0792	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	299.81		21.02
28 21 31 00-0793	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	535.32		21.02
28 21 31 00-0794	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	671.02		21.02
28 21 31 00-0795		Sequential Switchers (28 21 31 00-0767)			
28 21 31 00-0796		Single Output, Sequential Switchers (28 21 31 00-0795)			
28 21 31 00-0797	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	317.04		21.02
28 21 31 00-0798	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	467.82		21.02
28 21 31 00-0799		Dual Outputs, Sequential Switchers (28 21 31 00-0795)			
28 21 31 00-0800	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	393.87		21.02
28 21 31 00-0801	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	541.78		21.02
28 21 31 00-0802		Controls (28 21 31 00-0748)			
28 21 31 00-0803		Direct/Multi-Cable Controls (28 21 31 00-0802)			
28 21 31 00-0804	EA	Scanner Control Module (Pelco MPS524DT)	288.93		52.56
28 21 31 00-0805	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	306.88		52.56
28 21 31 00-0806	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	337.75		52.56
28 21 31 00-0807	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	352.11		52.56
28 21 31 00-0808	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	541.66		52.56
28 21 31 00-0809	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	594.08		52.56
28 21 31 00-0810		Coaxitron Controls (28 21 31 00-0802)			
28 21 31 00-0811	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	410.68		35.89
28 21 31 00-0812	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	748.85		35.89
28 21 31 00-0813	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	845.78		35.89
28 21 31 00-0814		Digital Controls (28 21 31 00-0802)			
28 21 31 00-0815	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	540.63		35.89
28 21 31 00-0816	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	894.61		35.89
28 21 31 00-0817		Lock Boxes (28 21 31 00-0748)			
28 21 31 00-0818	EA	VCR Lock Box (Pelco LB1000)	329.42		39.42
		<i>For Wall Mount, Add</i>	165.00		
28 21 31 00-0819	EA	Computer Disk Drive Lock Box (Pelco LB2000)	336.60		39.42
28 21 31 00-0820	EA	VCR And Multiplexer Lock Box (Pelco LB3000)	602.26		39.42
		Note: Includes storage for 32 VCR tapes.			

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 40 Life Safety (28)

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm (28 40)
28 42 11 Gas Detection And Alarm Control, GUI, And Logic Systems (28 42)
28 42 11 00-0001 Monitoring System For Underground Tanks (28 42 11)
28 42 11 00-0002 Continuous Leak Detection System (28 42 11 00-0001)

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	4,682.26	430.44
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	6,311.67	574.27
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	8,763.58	615.22
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	9,570.51	860.88
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	6,275.32	73.49
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	5,658.50	65.62
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	7,429.93	73.49
28 42 11 00-0010	EA	Tank Leak Detection Probe	2,294.00	15.75
28 42 11 00-0011	EA	Secondary Containment Collar Probe	283.73	6.30
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	521.40	13.12
28 42 11 00-0013	EA	Liquid Phase Detection	1,717.36	39.37
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	1,587.76	39.37
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	1,851.93	44.62
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	2,111.13	44.62

28 42 15 Gas Detection Sensors (28 42)
28 42 15 00-0001 Hydrogen Gas Detection (28 42 15)

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,185.69	39.42
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	69.56	13.14
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	320.00	39.42

28 43 Fuel Oil Detection And Alarm (28 40)

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection And Alarm (28 40)
28 46 11 Fire Sensors and Detectors (28 46)
28 46 11 11 Linear Heat Detection Sensors (28 46 11)
28 46 11 11-0001 Protectowire Fire Alarm (28 46 11 11)
28 46 11 11-0002 Linear Heat Detector Cable (28 46 11 11-0001)

28 46 11 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	3.73	
28 46 11 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M)	4.01	
28 46 11 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	4.01	
28 46 11 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M)	4.29	
28 46 11 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	4.99	
28 46 11 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	5.27	
28 46 11 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	53.52	
28 46 11 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	19.06	
28 46 11 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	7.21	
28 46 11 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	7.21	
28 46 11 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	8.31	
28 46 11 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	12.92	
28 46 11 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	13.30	
28 46 11 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	0.99	
28 46 11 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	1.33	
28 46 11 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	5.73	

28 46 20 Fire Alarm (28 46)
28 46 21 17 Proprietary Systems (28 46 20)
28 46 21 17-0001 Edwards Fire Alarm (28 46 21 17)
28 46 21 17-0002 EST3 Life Safety And Security Control (28 46 21 17-0001)
28 46 21 17-0003 EST3 Network (28 46 21 17-0002)
28 46 21 17-0004 Remote Annunciators (28 46 21 17-0003)

28 46 21 17-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN)	987.35	78.84
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.				
28 46 21 17-0006	EA	Six Position Base Annunciator (EST3 3-6ANN)	813.79	78.84
Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.				
28 46 21 17-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN)	1,016.17	78.84
Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.				

28 Electronic Safety And Security

28 40 Life Safety

28 46 Fire Detection And Alarm

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 46 21 17-0008	EA	Annunciator CPU (EST3 3-ANNCPU3)..... Note: One Required per graphic annunciator.	665.64	78.84
28 46 21 17-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	129.86	26.28
28 46 21 17-0010	EA	Liquid Crystal Display Module (EST3 3-LCD)..... Note: Mounts over 3-CPU(1).	445.61	78.84
28 46 21 17-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL)..... Note: Mounts over 3-ANNCPU plus two spaces.	641.69	78.84
28 46 21 17-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA)..... Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	496.35	78.84
28 46 21 17-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA)..... Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	553.83	52.56
28 46 21 17-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX)..... Note: Mounts up to three 3-EVDVRA modules.	95.40	26.28
28 46 21 17-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,160.17	78.84
28 46 21 17-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	997.64	26.28
28 46 21 17-0017 Remote Annunciators Cabinets (28 46 21 17-0003)				
28 46 21 17-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCEM/B).....	101.56	26.28
28 46 21 17-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCEM/B-S).....	91.05	21.02
28 46 21 17-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B).....	112.44	26.28
28 46 21 17-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	101.93	21.02
28 46 21 17-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	122.64	26.28
28 46 21 17-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	112.13	21.02
28 46 21 17-0024 Audio And Telephone Masters (28 46 21 17-0003)				
28 46 21 17-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	3,122.52	105.12
28 46 21 17-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	1,768.01	105.12
28 46 21 17-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,798.38	105.12
28 46 21 17-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	1,674.88	105.12
28 46 21 17-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	1,903.42	105.12
28 46 21 17-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95).....	1,776.02	52.56
28 46 21 17-0031 Battery Distribution Unit (28 46 21 17-0003)				
28 46 21 17-0032	EA	Battery Distribution Unit (EST3 3-BTSEN).....	403.28	298.15
28 46 21 17-0033 Remote Booster Power Supply (28 46 21 17-0003)				
28 46 21 17-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A).....	581.02	78.84
28 46 21 17-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10).....	656.34	78.84
28 46 21 17-0036	EA	10 Amp, 220 Volt AC Booster Power Supply (EST3 BPS10220).....	711.85	78.84
28 46 21 17-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	103.39	26.28
28 46 21 17-0038 Batteries And Battery Cabinets (28 46 21 17-0003)				
28 46 21 17-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours)).....	82.70	26.28
28 46 21 17-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours)).....	99.06	26.28
28 46 21 17-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours)).....	211.96	26.28
28 46 21 17-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours)).....	105.62	26.28
28 46 21 17-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours)).....	264.37	26.28
28 46 21 17-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours)).....	155.88	26.28
28 46 21 17-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours)).....	519.72	26.28
28 46 21 17-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours)).....	159.26	26.28
28 46 21 17-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours)).....	622.39	26.28
28 46 21 17-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours)).....	95.88	26.28
28 46 21 17-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours)).....	87.70	26.28
28 46 21 17-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1)..... Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	287.68	52.56
28 46 21 17-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2)..... Note: Holds up to two 12V17A batteries.	243.61	52.56
28 46 21 17-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R).....	785.99	105.12
28 46 21 17-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R).....	959.50	105.12
28 46 21 17-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R).....	1,319.30	105.12
28 46 21 17-0055 Serial Printer (28 46 21 17-0003)				
28 46 21 17-0056	EA	System Printer - Desk Top Style (EST3 PT-1S).....	928.40	26.28
28 46 21 17-0057 Intelligent Analog Initiating Devices (28 46 21 17-0002)				
28 46 21 17-0058 Detectors, Signature (28 46 21 17-0057)				
28 46 21 17-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS).....	177.54	39.42
28 46 21 17-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB).....	196.59	39.42
28 46 21 17-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS).....	171.86	39.42
28 46 21 17-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	154.84	39.42
28 46 21 17-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	160.51	39.42

MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST

28 46 21 17-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	135.86	39.42
28 46 21 17-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	135.86	39.42
28 46 21 17-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	201.66	39.42
28 46 21 17-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	220.25	39.42
28 46 21 17-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	189.59	39.42
28 46 21 17-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	263.46	39.42
28 46 21 17-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	162.02	39.42
28 46 21 17-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	162.02	39.42
28 46 21 17-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	214.41	39.42
28 46 21 17-0073		Detectors, Duct Housings and Accessories, Signature <small>(28 46 21 17-0057)</small>		
28 46 21 17-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	350.68	65.70
28 46 21 17-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	18.24	
28 46 21 17-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	50.43	15.77
28 46 21 17-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	93.93	21.02
28 46 21 17-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	122.74	21.02
28 46 21 17-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	61.08	21.02
28 46 21 17-0080		Detectors, Smoke, Beam <small>(28 46 21 17-0057)</small>		
28 46 21 17-0081	EA	Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A)	113.14	
28 46 21 17-0082	EA	Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01)	1,317.66	39.42
28 46 21 17-0083	EA	Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00)	84.74	13.14
28 46 21 17-0084	EA	Reflector, For EC-50R/100R Reflective Beam Detectors (EST3 23901-01)	99.32	13.14
28 46 21 17-0085	EA	160 - 330' Reflective Beam Detector (EST3 EC-100R)	1,344.51	39.42
28 46 21 17-0086	EA	15 - 160' Reflective Beam Detector (EST3 EC-50R)	1,149.79	39.42
28 46 21 17-0087	EA	Remote Test Station, For EC-50R/100R Reflective Beam Detectors (EST3 EC-LLT)	269.73	13.14
28 46 21 17-0088	EA	160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R)	1,416.32	39.42
28 46 21 17-0089		Modules, Signature <small>(28 46 21 17-0057)</small>		
28 46 21 17-0090	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	160.73	26.28
28 46 21 17-0091	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	105.87	26.28
28 46 21 17-0092	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	143.05	26.28
28 46 21 17-0093	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	145.54	26.28
28 46 21 17-0094	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	157.08	26.28
28 46 21 17-0095	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	164.80	26.28
28 46 21 17-0096	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR)	125.51	26.28
28 46 21 17-0097	EA	Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).		
28 46 21 17-0097	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	128.56	26.28
28 46 21 17-0098	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	166.50	26.28
28 46 21 17-0099	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	162.69	26.28
28 46 21 17-0100	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	157.01	26.28
28 46 21 17-0101	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	145.25	118.97
28 46 21 17-0102	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1)	110.47	26.28
28 46 21 17-0103	EA	Note: Factory programmed for non-latching monitor operation.		
28 46 21 17-0103	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	167.23	26.28
28 46 21 17-0104		Module Accessories, Signature <small>(28 46 21 17-0057)</small>		
		Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 21 17-0105	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	45.34	13.14
28 46 21 17-0106	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	143.71	26.28
28 46 21 17-0107	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	18.61	7.88
28 46 21 17-0108	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	51.91	13.14
28 46 21 17-0109	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	47.20	13.14
28 46 21 17-0110	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	49.06	13.14
28 46 21 17-0111		Single Action Pull Stations, Signature <small>(28 46 21 17-0057)</small>		
28 46 21 17-0112	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	190.59	54.67
28 46 21 17-0113	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	219.06	54.67
28 46 21 17-0114	EA	GA Key - For Pre Signal Station (EST3 276-K2)	24.97	19.72
28 46 21 17-0115	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	30.45	25.20
28 46 21 17-0116	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	54.35	33.32
28 46 21 17-0117		Double Action Pull Stations, Signature <small>(28 46 21 17-0057)</small>		
28 46 21 17-0118	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	188.59	54.67
28 46 21 17-0119	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	30.86	5.26

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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 21 17-0120		Detector Bases and Accessories, Signature (28 46 21 17-0057)		
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.				
28 46 21 17-0121	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	87.46	13.14
28 46 21 17-0122	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	37.72	13.14
28 46 21 17-0123	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	107.21	13.14
28 46 21 17-0124	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	64.31	13.14
28 46 21 17-0125	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	73.80	13.14
28 46 21 17-0126	EA	Detector Mounting Plate (EST3 SIGA-DMP)	111.75	13.14
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.				
28 46 21 17-0127	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	45.34	13.14
28 46 21 17-0128	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	18.69	7.88
28 46 21 17-0129	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	18.69	7.88
28 46 21 17-0130	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	44.32	7.88
28 46 21 17-0131	EA	Detector Base With Isolator (EST3 SIGA-IB)	72.84	13.14
28 46 21 17-0132	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	76.91	13.14
28 46 21 17-0133	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	62.76	13.14
28 46 21 17-0134	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	65.75	13.14
28 46 21 17-0135	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	38.20	13.14
28 46 21 17-0136		Controllers, Signature (28 46 21 17-0057)		
28 46 21 17-0137	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	2,243.53	78.84
28 46 21 17-0138	EA	Single Signature Loop Controller (EST3 3-SSDC1)	1,307.14	78.84
28 46 21 17-0139	EA	Signature Loop Controller (EST3 3-SDC1)	1,179.33	78.84
28 46 21 17-0140	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	1,860.42	78.84
28 46 21 17-0141		Relays And Accessories (28 46 21 17-0057)		
28 46 21 17-0142	EA	Multi Voltage Relay (EST3 MR101)	132.96	26.28
28 46 21 17-0143	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	42.94	13.14
28 46 21 17-0144		Notification Appliances (28 46 21 17-0002)		
28 46 21 17-0145		Wall Strobes, Horns And Chimes (28 46 21 17-0144)		
28 46 21 17-0146	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	119.41	39.42
28 46 21 17-0147	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	119.41	39.42
28 46 21 17-0148	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	132.63	39.42
28 46 21 17-0149	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	104.52	39.42
28 46 21 17-0150	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	104.52	39.42
28 46 21 17-0151	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	104.52	39.42
28 46 21 17-0152	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	104.52	39.42
28 46 21 17-0153	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	92.01	39.42
28 46 21 17-0154	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	92.01	39.42
28 46 21 17-0155	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	92.01	39.42
28 46 21 17-0156	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	186.56	39.42
28 46 21 17-0157	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	186.56	39.42
28 46 21 17-0158	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	131.02	39.42
28 46 21 17-0159	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	131.02	39.42
28 46 21 17-0160	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	119.41	39.42
28 46 21 17-0161	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	119.41	39.42
28 46 21 17-0162	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	119.41	39.42
28 46 21 17-0163	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	119.41	39.42
28 46 21 17-0164	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	123.13	39.42
28 46 21 17-0165	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VMH)	123.13	39.42
28 46 21 17-0166	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	131.82	39.42
28 46 21 17-0167	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	123.13	39.42
28 46 21 17-0168	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	123.13	39.42
28 46 21 17-0169	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	83.88	39.42
28 46 21 17-0170	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	83.88	39.42
28 46 21 17-0171		Wall Speakers And Speaker Strobes (28 46 21 17-0144)		
28 46 21 17-0172	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	103.40	39.42
28 46 21 17-0173	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	145.31	39.42
28 46 21 17-0174	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	103.40	39.42
28 46 21 17-0175	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	145.31	39.42
28 46 21 17-0176	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	52.26	21.02
28 46 21 17-0177	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	52.26	21.02
28 46 21 17-0178		Ceiling Speakers And Speaker Strobes (28 46 21 17-0144)		
28 46 21 17-0179	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	118.60	39.42
28 46 21 17-0180	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	145.31	39.42
28 46 21 17-0181	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	153.77	39.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 21 17-0182	Harsh Environment Signals <small>(28 46 21 17-0144)</small>		
28 46 21 17-0183	EA Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	108.20	39.42
28 46 21 17-0184	EA 15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T).....	141.56	39.42
28 46 21 17-0185	EA 110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T).....	141.56	39.42
28 46 21 17-0186	EA 15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T).....	131.64	39.42
28 46 21 17-0187	EA 15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T).....	125.05	39.42
28 46 21 17-0188	EA 30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T).....	131.64	39.42
28 46 21 17-0189	EA 60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T).....	131.64	39.42
28 46 21 17-0190	EA 110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T).....	131.64	39.42
28 46 21 17-0191	EA 15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	146.24	44.68
28 46 21 17-0192	EA 110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	146.24	44.68
28 46 21 17-0193	EA 15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T).....	112.26	39.42
28 46 21 17-0194	EA 30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T).....	138.45	39.42
28 46 21 17-0195	Fire Alarm Bells <small>(28 46 21 17-0144)</small>		
28 46 21 17-0196	EA 10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW).....	150.81	39.42
28 46 21 17-0197	EA 6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW).....	125.90	39.42
28 46 21 17-0198	EA 10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	136.53	39.42
28 46 21 17-0199	Multiple Tone Signal <small>(28 46 21 17-0144)</small>		
28 46 21 17-0200	EA 27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW).....	826.40	786.98
28 46 21 17-0201	Multi-Purpose Loudspeaker <small>(28 46 21 17-0144)</small>		
28 46 21 17-0202	EA 15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	190.55	39.42
28 46 21 17-0203	EA 15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	190.55	39.42
28 46 21 17-0204	Bell/Strobe Plate <small>(28 46 21 17-0144)</small>		
28 46 21 17-0205	EA Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	97.11	21.02
28 46 21 17-0206	Mounting Accessories <small>(28 46 21 17-0144)</small>		
28 46 21 17-0207	EA Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	53.03	21.02
28 46 21 17-0208	EA One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	53.03	21.02
28 46 21 17-0209	EA Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	53.03	21.02
28 46 21 17-0210	EA Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	53.03	21.02
28 46 21 17-0211	EA Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	53.03	21.02
28 46 21 17-0212	Firefighters' Telephones <small>(28 46 21 17-0144)</small>		
28 46 21 17-0213	EA Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	760.22	65.70
28 46 21 17-0214	EA Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	445.81	65.70
28 46 21 17-0215	EA Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	332.59	65.70
28 46 21 17-0216	EA Telephone Handset Assembly - Red c/w 60' Coiled Cord (EST3 6830-1)	253.66	65.70
28 46 21 17-0217	EA Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	431.72	65.70
28 46 21 17-0218	EA Three State Telephone Handset Assembly - Red, 60' Coiled Cord, Push To Talk Button (EST3 6830-5A)	281.83	65.70
28 46 21 17-0219	EA Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	481.62	65.70
28 46 21 17-0220	EA Three State Telephone Handset Assembly - Red, 60' Armored Cord, Push To Talk Button (EST3 6830-6A).....	291.22	65.70
28 46 21 17-0221	EA Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	545.51	65.70
28 46 21 17-0222	EA Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	68.40	21.02
28 46 21 17-0223	EA Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	76.57	21.02
28 46 21 17-0224	EA Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	91.82	
28 46 21 17-0225	EA Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	91.82	
28 46 21 17-0226	EA Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	150.65	26.28
28 46 21 17-0227	EA Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	183.18	26.28
28 46 21 17-0228	EA Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	134.38	26.28
28 46 21 17-0229	EA Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4).....	129.60	26.28
28 46 21 17-0230	EA Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	108.56	39.42
28 46 21 17-0231	EA Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	775.01	52.56
28 46 21 17-0232	Mass Notification EC Appliances <small>(28 46 21 17-0144)</small>		
28 46 21 17-0233	EA G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	123.16	39.42
28 46 21 17-0234	EA G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	119.78	39.42
28 46 21 17-0235	EA G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	123.16	39.42
28 46 21 17-0236	EA G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	119.78	39.42
28 46 21 17-0237	EA G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	19.81	7.88
28 46 21 17-0238	Hazardous Location Devices <small>(28 46 21 17-0002)</small>		
28 46 21 17-0239	Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location <small>(28 46 21 17-0238)</small>		
28 46 21 17-0240	EA Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	112.39	39.42
28 46 21 17-0241	EA Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	112.39	39.42
28 46 21 17-0242	EA Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	115.20	39.42

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MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 46 21 17-0243	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	115.20		39.42
28 46 21 17-0244	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	148.76		39.42
28 46 21 17-0245	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	148.76		39.42
28 46 21 17-0246	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	115.20		39.42
28 46 21 17-0247	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	115.20		39.42
28 46 21 17-0248		Hazardous Locations Fire Alarm Station (28 46 21 17-0238)			
28 46 21 17-0249	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	802.84		65.70
28 46 21 17-0250	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	766.36		65.70
28 46 21 17-0251		Hazardous Location Strobes (28 46 21 17-0238)			
28 46 21 17-0252	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,155.33		39.42
28 46 21 17-0253	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	219.39		13.14
28 46 21 17-0254	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	286.10		15.77
28 46 21 17-0255	EA	Pendant Mounting Module (EST3 116EX-P)	212.68		15.77
28 46 21 17-0256		Hazardous Location Bells (28 46 21 17-0238)			
28 46 21 17-0257	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	840.86		39.42
28 46 21 17-0258	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	861.98		39.42
28 46 21 17-0259	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	869.58		39.42
28 46 21 17-0260		Hazardous Location Horns (28 46 21 17-0238)			
28 46 21 17-0261	EA	Hazardous Location Horns (EST3 888D-N5)	822.66		39.42
28 46 21 17-0262	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	676.53		39.42
28 46 21 17-0263		Door Holders And Relays (28 46 21 17-0002)			
28 46 21 17-0264		Electromagnetic Door Holders (28 46 21 17-0263)			
28 46 21 17-0265	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	168.22		39.42
28 46 21 17-0266	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	210.60		39.42
28 46 21 17-0267	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	146.57		39.42
28 46 21 17-0268	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	146.57		39.42
28 46 21 17-0269	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	148.53		39.42
28 46 21 17-0270	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	150.39		39.42
28 46 21 17-0271		Control Relays, Multi-Voltage (28 46 21 17-0263)			
28 46 21 17-0272	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	33.96		7.88
28 46 21 17-0273		FireShield Plus (28 46 21 17-0002)			
28 46 21 17-0274		3 Zone System (28 46 21 17-0273)			
28 46 21 17-0275	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	976.96		315.37
28 46 21 17-0276	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,398.31		420.49
28 46 21 17-0277	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	976.96		315.37
28 46 21 17-0278	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,398.31		420.49
28 46 21 17-0279	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	62.80		13.14
28 46 21 17-0280	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	62.80		13.14
28 46 21 17-0281		5 Zone System (28 46 21 17-0273)			
28 46 21 17-0282	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,036.07		315.37
28 46 21 17-0283	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,454.04		420.49
28 46 21 17-0284	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,036.07		315.37
28 46 21 17-0285	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,454.04		420.49
28 46 21 17-0286	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	62.80		13.14
28 46 21 17-0287	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	62.80		13.14
28 46 21 17-0288		10 Zone System (28 46 21 17-0273)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0289 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R).....	1,474.31	420.49
28 46 21 17-0290 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD).....	1,895.67	525.61
28 46 21 17-0291 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G).....	1,448.98	420.49
28 46 21 17-0292 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD).....	1,895.67	525.61
28 46 21 17-0293 EA Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G).....	71.95	13.14
28 46 21 17-0294 EA NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120).....	132.98	26.28
28 46 21 17-0295 FireShield Plus Off Premise Communication Options (28 46 21 17-0273)		
28 46 21 17-0296 EA F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	272.11	26.28
28 46 21 17-0297 FireShield Plus Remote LED Annunciators (28 46 21 17-0273)		
28 46 21 17-0298 EA Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI).....	133.64	39.42
28 46 21 17-0299 EA Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A).....	133.64	39.42
28 46 21 17-0300 EA Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA).....	137.95	39.42
28 46 21 17-0301 EA Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2).....	26.75	7.88
28 46 21 17-0302 EA Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3).....	32.27	7.88
28 46 21 17-0303 EA Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4).....	45.51	7.88
28 46 21 17-0304 FireShield Plus Remote 10 Zone LED Annunciators (28 46 21 17-0273)		
28 46 21 17-0305 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10).....	365.95	39.42
28 46 21 17-0306 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C).....	399.73	39.42
28 46 21 17-0307 EA Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1).....	137.00	26.28
28 46 21 17-0308 FireShield Plus Remote Relays And Interfaces (28 46 21 17-0273)		
28 46 21 17-0309 EA Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	143.89	26.28
28 46 21 17-0310 EA 11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRM's In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	62.66	15.77
28 46 21 17-0311 EA Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	219.76	26.28
28 46 21 17-0312 FireShield Plus Accessories (28 46 21 17-0273)		
28 46 21 17-0313 EA Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1).....	14.34	
28 46 21 17-0314 EA 4.7k UL End Of Line Resistor With FireShield Panels (EST3 EOL47PK7).....	9.72	
28 46 21 17-0315 iO Series Fire Control Panels (28 46 21 17-0002)		
28 46 21 17-0316 Intelligent Analog Control Panels (28 46 21 17-0315)		
28 46 21 17-0317 EA FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G).....	2,994.18	525.61
28 46 21 17-0318 EA FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD).....	3,158.00	525.61
28 46 21 17-0319 EA FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G).....	2,391.29	420.49
28 46 21 17-0320 EA FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD).....	2,467.29	420.49
28 46 21 17-0321 Option Modules And Accessories For iO Series (28 46 21 17-0315)		
28 46 21 17-0322 EA 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1).....	247.73	39.42
28 46 21 17-0323 EA 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2).....	163.28	39.42
28 46 21 17-0324 EA Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232).....	163.28	39.42
28 46 21 17-0325 EA Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA).....	137.00	26.28
28 46 21 17-0326 EA Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT).....	261.60	21.02
28 46 21 17-0327 EA Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH).....	464.27	21.02
28 46 21 17-0328 EA Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1).....	61.75	13.14
28 46 21 17-0329 EA Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2).....	70.19	13.14
28 46 21 17-0330 EA Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250).....	865.11	52.56
28 46 21 17-0331 Remote Annunciators For iO Series (28 46 21 17-0315)		
28 46 21 17-0332 EA Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	479.94	39.42

28 Electronic Safety And Security

28 40 Life Safety

28 46 Fire Detection And Alarm

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 21 17-0333	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	501.06	39.42
28 46 21 17-0334 Remote Annunciator Accessories (28 46 21 17-0315)				
28 46 21 17-0335	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	60.06	13.14
28 46 21 17-0336	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	43.17	13.14
28 46 21 17-0337	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	55.83	13.14
28 46 21 17-0338	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	163.28	39.42
28 46 21 17-0339	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	184.39	39.42
28 46 21 17-0340	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	205.51	39.42
28 46 21 17-0341	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	43.17	13.14
28 46 21 17-0342	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	43.17	13.14
28 46 21 17-0343	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	80.07	13.14
28 46 21 17-0344 System Accessories (28 46 21 17-0315)				
28 46 21 17-0345	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	287.68	52.56
28 46 21 17-0346	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,417.22	420.49
28 46 21 17-0347 Conventional Initiating Devices (28 46 21 17-0002)				
28 46 21 17-0348 Detectors, Heat, Double Pole (28 46 21 17-0347)				
Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.				
28 46 21 17-0349	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	124.34	39.42
28 46 21 17-0350	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	124.34	39.42
28 46 21 17-0351	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	124.34	39.42
28 46 21 17-0352	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	124.34	39.42
28 46 21 17-0353 Detectors, Rate Compensation Heat, Accessories (28 46 21 17-0347)				
28 46 21 17-0354	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	85.22	39.42
28 46 21 17-0355	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	180.09	21.02
28 46 21 17-0356	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	69.02	26.28
28 46 21 17-0357 Detectors, Heat, Fire-Lite (28 46 21 17-0347)				
Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.				
28 46 21 17-0358	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	117.89	39.42
28 46 21 17-0359	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	117.89	39.42
28 46 21 17-0360 Audio Notification Systems (Standalone Voice Evacuation) (28 46 21 17-0002)				
28 46 21 17-0361 Audio Notification Panels (28 46 21 17-0360)				
28 46 21 17-0362	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	3,559.21	525.61
28 46 21 17-0363	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	3,559.21	525.61
28 46 21 17-0364	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	2,740.11	525.61
28 46 21 17-0365	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	2,740.11	525.61
28 46 21 17-0366	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	3,145.43	525.61
28 46 21 17-0367	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	3,145.43	525.61
28 46 21 17-0368 Audio Notification Expander Panels (28 46 21 17-0360)				
28 46 21 17-0369	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	2,807.66	525.61
28 46 21 17-0370	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	2,807.66	525.61
28 46 21 17-0371	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,013.89	525.61
28 46 21 17-0372	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,013.89	525.61
28 46 21 17-0373	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	2,478.33	525.61
28 46 21 17-0374	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	2,478.33	525.61
28 46 21 17-0375 Audio Notification Output Accessories (28 46 21 17-0360)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0376	EA		Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	102.28	13.14
28 46 21 17-0377	EA		Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	432.56	26.28
28 46 21 17-0378	EA		Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	432.56	26.28
28 46 21 17-0379	EA		Class A Converter (GE ANSZSC4A)	314.34	26.28
28 46 21 17-0380			Audio Notification Remote Microphone (28 46 21 17-0360)		
28 46 21 17-0381	EA		Microphone (GE ANSMIKE)	128.56	26.28
28 46 21 17-0382	EA		Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG).....	474.78	26.28
28 46 21 17-0383	EA		Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR).....	474.78	26.28
28 46 21 17-0384	EA		Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP).....	110.72	13.14
28 46 21 17-0385	EA		Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	64.27	13.14
28 46 21 17-0386			Audio Notification Accessories (28 46 21 17-0360)		
28 46 21 17-0387	EA		Audio Matching - Line Input/Output Card (GE ANSAUX)	204.56	26.28
28 46 21 17-0388	EA		Class B Backup Amplifier Switching Module (GE ANSBKUP)	204.56	26.28
28 46 21 17-0389	EA		Class A Backup Amplifier Switching Module (GE ANSBKUPA).....	204.56	26.28
28 46 21 17-0390	EA		Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSR8)	432.56	26.28
28 46 21 17-0391			Audio Notification Modules, Without Cabinet And Transformer (28 46 21 17-0360)		
28 46 21 17-0392	EA		100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A)	1,549.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0393	EA		100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM).....	1,625.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0394	EA		100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD)	2,233.10	52.56
			Note: Excludes cabinet.		
28 46 21 17-0395	EA		25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A).....	865.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0396	EA		25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM)	865.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0397	EA		25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD).....	1,549.11	52.56
28 46 21 17-0398	EA		50W Expander Module (No Microphone Or DMR) (GE ANS50A)	1,245.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0399	EA		50W Expander Module With Microphone (No DMR) (GE ANS50AM)	1,321.11	52.56
			Note: Excludes cabinet.		
28 46 21 17-0400	EA		50W Audio Notification Module With DMR And Microphone (GE ANS50AMD).....	1,929.10	52.56
			Note: Excludes cabinet.		
28 46 21 17-0401	EA		Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180).....	102.28	13.14
28 46 21 17-0402	EA		Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885).....	77.82	13.14
28 46 21 17-0403			Simplex Fire Alarm (28 46 21 17)		
28 46 21 17-0404			4100 Fire Alarm Control Panel (28 46 21 17-0403)		
28 46 21 17-0405	EA		4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	4,660.50	524.93
28 46 21 17-0406	EA		4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACS Disabled), 120 Volt AC Input (Simplex 4100-9141)	5,027.33	524.93
28 46 21 17-0407	EA		4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACS Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	6,948.59	524.93
28 46 21 17-0408	EA		Up To 127 Points, IDNet Module, (Simplex 4100-3104).....	3,218.94	524.93
			Note: Add-on module.		
28 46 21 17-0409	EA		Up To 64 Points, IDNet Module, (Simplex 4100-3105).....	2,659.50	524.93
			Note: Add-on module.		
28 46 21 17-0410	EA		Expansion Power Supply, 3 NACS, 120 Volt AC (Simplex 4100-5101)	1,360.30	131.23
			Note: Add-on module.		
28 46 21 17-0411	EA		Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033).....	283.81	26.25
			Note: Add-on module.		
28 46 21 17-0412	EA		Dual Port RS-232 Interface Card (Simplex 4100-6038).....	784.39	26.25
			Note: Add-on module.		
28 46 21 17-0413			4100U Backbox (28 46 21 17-0403)		
28 46 21 17-0414	EA		2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425).....	1,396.92	104.99
			Note: 24" x 40" beige backbox.		
28 46 21 17-0415	EA		3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443).....	1,941.18	104.99
			Note: 24" x 56" beige backbox.		
28 46 21 17-0416			DACT (Digital Alarm Communicator Transmitter) (28 46 21 17-0403)		
28 46 21 17-0417	EA		6 Zone Fire Control Communicator (Silent Knight SK-5104).....	761.80	52.49

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

		MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0418	4010 Fire Alarm Control Panel		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0419	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101).....	4,435.56	524.93
	28 46 21 17-0420	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201).....	4,324.01	524.93
	28 46 21 17-0421	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806).....	153.78	26.25
	28 46 21 17-0422	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811).....	614.52	26.25
	28 46 21 17-0423	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812).....	838.94	26.25
	28 46 21 17-0424	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813).....	438.77	26.25
	28 46 21 17-0425	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823).....	473.51	26.25
	28 46 21 17-0426	EA	Battery Meter Module Expansion Module (Simplex 4010-9820).....	187.54	26.25
28 46 21 17-0427	Printer		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0428	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013).....	1,341.50	26.25
28 46 21 17-0429	NAC Panel / Power Booster		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0430	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201)..... Note: Power supply for horns and strobes.	936.47	131.23
28 46 21 17-0431	Battery		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0432	EA	50 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9296)..... Note: Two required for 24 volt DC.	551.92	26.25
	28 46 21 17-0433	EA	33 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9276)..... Note: Two required for 24 volt DC.	371.94	26.25
	28 46 21 17-0434	EA	6.2 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9272)..... Note: Two required for 24 volt DC.	143.98	26.25
28 46 21 17-0435	Interface Modules		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0436	EA	Supervised Individual Addressable Modules (Simplex 4090-9001)..... Note: Monitor modules for waterflow/tamper, etc.	119.25	26.25
	28 46 21 17-0437	EA	Relay Individual Addressable Modules (Simplex 4090-9002)..... Note: Control modules for gas shutdown, door holders, etc.	230.34	26.25
	28 46 21 17-0438	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032)..... Note: Interface relay for 120VAC	66.91	26.25
	28 46 21 17-0439	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815).....	120.47	26.25
	28 46 21 17-0440	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817).....	54.47	13.12
	28 46 21 17-0441	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818).....	52.12	13.12
28 46 21 17-0442	Pull Stations		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0443	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001).....	143.08	26.25
	28 46 21 17-0444	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101).....	106.60	26.25
	28 46 21 17-0445	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102).....	113.64	26.25
	28 46 21 17-0446	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103).....	103.42	26.25
	28 46 21 17-0447	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104).....	118.36	26.25
	28 46 21 17-0448	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105).....	172.03	26.25
	28 46 21 17-0449	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107).....	146.58	26.25
	28 46 21 17-0450	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108).....	170.10	26.25
	28 46 21 17-0451	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754).....	86.99	26.25
	28 46 21 17-0452	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755).....	91.30	26.25
	28 46 21 17-0453	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756).....	105.16	26.25
	28 46 21 17-0454	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758).....	155.54	26.25
	28 46 21 17-0455	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759).....	258.59	26.25
	28 46 21 17-0456	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762).....	94.83	26.25
	28 46 21 17-0457	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	56.83	13.12
28 46 21 17-0458	Weatherproof Pull Stations		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0459	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138).....	142.98	31.50
	28 46 21 17-0460	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211).....	88.09	13.12
28 46 21 17-0461	Heat / Smoke Sensor		<small>(28 46 21 17-0403)</small>		
	28 46 21 17-0462	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733).....	148.03	39.37
	28 46 21 17-0463	EA	Photoelectric Smoke Sensor (Simplex 4098-9714).....	205.77	39.37
	28 46 21 17-0464	EA	Sensor Base With Relay Driver (Simplex 4098-9791).....	366.11	13.12
	28 46 21 17-0465	EA	Standard Sensor Base (Simplex 4098-9792).....	189.59	13.12
	28 46 21 17-0466	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)..... Note: Relay for 4098-9791	119.68	26.25
28 46 21 17-0467	Explosion Proof Heat Detector		<small>(28 46 21 17-0403)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0468	EA		135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488).....	155.42	39.37
28 46 21 17-0469	EA		Explosion Proof Backbox (Killark JLX-21)	94.48	13.12
28 46 21 17-0470	EA		Explosion Proof Backbox Plugs (Killark CUP-2)	9.42	2.62
28 46 21 17-0471			Weatherproof Heat Detector <small>(28 46 21 17-0403)</small>		
28 46 21 17-0472	EA		194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490).....	118.31	39.37
28 46 21 17-0473			200 Degree F Heat Detector <small>(28 46 21 17-0403)</small>		
28 46 21 17-0474	EA		194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604)..... Note: Used in kiln rooms and kitchens.	101.73	39.37
28 46 21 17-0475			Duct Smoke Sensor <small>(28 46 21 17-0403)</small>		
28 46 21 17-0476	EA		Duct Sensor Housing (Simplex 4098-9755).....	301.72	21.00
28 46 21 17-0477	EA		Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)	417.32	47.24
			Note: Relay output for AHU shutdown.		
28 46 21 17-0478	EA		46" To 71" Duct Sampling Tube (Simplex 2098-9798)	50.79	13.12
			Note: 25", 49", 73" or 97" sampling tube length.		
28 46 21 17-0479	EA		Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806).....	125.31	39.37
28 46 21 17-0480			Interior Horn <small>(28 46 21 17-0403)</small>		
28 46 21 17-0481	EA		Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850).....	117.60	39.37
28 46 21 17-0482	EA		White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853).....	117.60	39.37
28 46 21 17-0483			Interior Horn Strobe <small>(28 46 21 17-0403)</small>		
28 46 21 17-0484	EA		75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	154.29	39.37
28 46 21 17-0485	EA		110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	154.29	39.37
28 46 21 17-0486	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	145.92	39.37
28 46 21 17-0487	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	145.92	39.37
28 46 21 17-0488	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	145.92	39.37
28 46 21 17-0489	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	145.92	39.37
28 46 21 17-0490	EA		Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131).....	148.72	39.37
28 46 21 17-0491	EA		Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132).....	148.72	39.37
28 46 21 17-0492	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	153.66	39.37
28 46 21 17-0493	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	151.38	39.37
28 46 21 17-0494	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	153.66	39.37
28 46 21 17-0495	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	151.38	39.37
28 46 21 17-0496	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227).....	145.92	39.37
28 46 21 17-0497	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228).....	145.92	39.37
28 46 21 17-0498	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229).....	145.92	39.37
28 46 21 17-0499	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230).....	145.92	39.37
28 46 21 17-0500			Interior Strobe <small>(28 46 21 17-0403)</small>		
28 46 21 17-0501	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	128.13	39.37
28 46 21 17-0502	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102).....	128.13	39.37
28 46 21 17-0503	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	128.10	39.37
28 46 21 17-0504	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104).....	128.13	39.37
28 46 21 17-0505	EA		Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	138.77	39.37
28 46 21 17-0506	EA		Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	138.77	39.37
28 46 21 17-0507	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	139.45	39.37
28 46 21 17-0508	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110).....	141.30	39.37
28 46 21 17-0509	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	141.30	39.37
28 46 21 17-0510	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112).....	141.30	39.37
28 46 21 17-0511	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201).....	128.13	39.37
28 46 21 17-0512	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202).....	128.13	39.37

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 46 21 17-0513	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	128.13	39.37
28 46 21 17-0514	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	128.13	39.37
28 46 21 17-0515		Interior Speakers (28 46 21 17-0403)		
28 46 21 17-0516	EA	Red With White "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	108.59	39.37
28 46 21 17-0517	EA	White With Red "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	108.59	39.37
28 46 21 17-0518	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	108.59	39.37
28 46 21 17-0519		Interior Speaker Strobe (28 46 21 17-0403)		
28 46 21 17-0520	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	162.58	39.37
28 46 21 17-0521	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	162.58	39.37
28 46 21 17-0522		Surge Suppressors (28 46 21 17-0403)		
28 46 21 17-0523	EA	Overvoltage Suppressor (Simplex 2081-9044)	94.94	7.87
28 46 21 17-0524	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	62.35	7.87
28 46 21 17-0525	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	198.15	7.87
28 46 21 17-0526	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	70.75	7.87
28 46 21 17-0527	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	107.32	13.12
28 46 21 17-0528	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	72.41	7.87
28 46 21 17-0529	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	55.62	7.87
28 46 21 17-0530		Boxes And Adapters (28 46 21 17-0403)		
28 46 21 17-0531	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	52.12	13.12
28 46 21 17-0532	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	49.77	13.12
28 46 21 17-0533	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	45.16	13.12
28 46 21 17-0534	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	38.62	13.12
28 46 21 17-0535		Accessories (28 46 21 17-0403)		
28 46 21 17-0536	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	28.98	13.12
28 46 21 17-0537		Siemens Fire Alarm (28 46 21 17)		
28 46 21 17-0538		Conventional Control Panels (28 46 21 17-0537)		
28 46 21 17-0539		SXL Batteries And Power Supplies (28 46 21 17-0538)		
28 46 21 17-0540	EA	6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	794.05	52.49
28 46 21 17-0541	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	645.43	52.49
28 46 21 17-0542		Digital Fire Communicators (28 46 21 17-0538)		
28 46 21 17-0543	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	625.84	52.49
28 46 21 17-0544		Addressable Control Panels (28 46 21 17-0537)		
28 46 21 17-0545		Fireseeker Equipment (28 46 21 17-0544)		
28 46 21 17-0546		FS-250 System Panels (28 46 21 17-0545)		
28 46 21 17-0547	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT)	2,141.54	524.93
		Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.		
28 46 21 17-0548	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT)	2,595.51	524.93
		Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 21 17-0549	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT)	1,610.01	419.94
		Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 21 17-0550	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	2,144.24	524.93
28 46 21 17-0551		FS-250 Optional Modules (28 46 21 17-0545)		
28 46 21 17-0552	EA	Main Board Module (Siemens FS-MB2)	799.46	52.49
28 46 21 17-0553	EA	Display Board Module (Siemens FS-DB2)	614.55	26.25
28 46 21 17-0554	EA	Device Loop Card (Siemens FS-DLC)	506.46	26.25
28 46 21 17-0555	EA	Releasing Module (Siemens FS-REL)	233.54	26.25
28 46 21 17-0556	EA	Remote LCD Annunciator (Siemens FS-RD2)	503.08	26.25
28 46 21 17-0557	EA	Relay Processor Card (Siemens FS-RU2)	438.90	26.25
28 46 21 17-0558	EA	Relay Expander Board (Siemens FS-RE8)	376.75	26.25
28 46 21 17-0559	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	503.08	26.25
28 46 21 17-0560	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	395.67	26.25
28 46 21 17-0561	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	361.22	26.25
28 46 21 17-0562	EA	Municipal Tie Module (Siemens FS-MT)	309.20	26.25
28 46 21 17-0563	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	298.87	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 46 21 17-0564	EA	Programming Cable Kit (Siemens CBL-UD)	78.27		13.12
28 46 21 17-0565	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	142.34		26.25
28 46 21 17-0566	EA	Releasing Power Transformer (Siemens FS-RPT-A)	144.36		26.25
28 46 21 17-0567	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	158.18		21.00
28 46 21 17-0568	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	245.13		13.12
28 46 21 17-0569		Firefinder Systems (28 46 21 17-0544)			
28 46 21 17-0570		XLS Basic Fire System Packages Without Backbox (28 46 21 17-0569)			
28 46 21 17-0571	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP)	7,067.03		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.			
28 46 21 17-0572	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP)	6,295.55		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.			
28 46 21 17-0573	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP)	6,295.55		524.93
		Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.			
28 46 21 17-0574	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD)	10,129.97		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.			
28 46 21 17-0575	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD)	10,450.18		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.			
28 46 21 17-0576	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP)	6,217.86		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.			
28 46 21 17-0577	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP)	6,217.86		524.93
		Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.			
28 46 21 17-0578	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP)	7,120.40		524.93
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.			
28 46 21 17-0579		Firefinder - XLS Basic System Equipment (28 46 21 17-0569)			
28 46 21 17-0580	EA	Person Machine Interface With Central Processor (Siemens PMI)	3,301.46		524.93
		Note: Includes inner door.			
28 46 21 17-0581	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC)	5,295.01		524.93
		Note: Includes inner door.			
28 46 21 17-0582	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT)	3,301.46		524.93
		Note: Includes inner door.			
28 46 21 17-0583	EA	Two Slot Card Cage (Siemens CC-2)	387.56		26.25
28 46 21 17-0584	EA	Five Slot Card Cage (Siemens CC-5)	644.95		26.25
28 46 21 17-0585	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	915.17		26.25
28 46 21 17-0586	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	955.02		26.25
28 46 21 17-0587	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	311.90		26.25
28 46 21 17-0588	EA	Device Loop Card (Siemens DLC)	1,082.03		26.25
		Note: Interfaces with up to 252 detectors and devices.			
28 46 21 17-0589	EA	Controllable Relay Card (Siemens CRC-6)	619.28		26.25
		Note: Provides six programmable relays.			
28 46 21 17-0590	EA	12 Amp Power Supply Charger Module (Siemens PSC-12)	2,304.10		26.25
28 46 21 17-0591	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI)	4,202.64		524.93
		Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.			
28 46 21 17-0592	EA	Network Interface Card (Siemens NIC-C)	721.96		26.25
		Note: Provides HNET Or XNET communication between enclosures.			
28 46 21 17-0593	EA	12 Amp Power Supply Extender (Siemens PSX-12)	1,919.03		26.25
		Note: Extends PSC-12 with an additional 24 volt DC.			
28 46 21 17-0594	EA	Power Termination Board (Siemens PTB)	336.22		26.25
		Note: Used with systems requiring more than one PSX-12.			
28 46 21 17-0595	EA	Conventional Detector Card (Siemens CDC-4)	696.29		26.25
28 46 21 17-0596	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	1,349.55		26.25
28 46 21 17-0597	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	4,813.77		26.25
28 46 21 17-0598		Remote Lobby Enclosure (28 46 21 17-0569)			
28 46 21 17-0599	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2)	944.29		104.99
		Note: Flush mounted. Includes clear lens plate on cover.			
28 46 21 17-0600	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4)	1,201.00		104.99
		Note: Flush mounted. Includes clear lens plate on cover.			
28 46 21 17-0601	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP)	155.85		26.25
		Note: Required to mount up to four SIM-16 or OCM-16 modules.			

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0602	EA		Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP)..... Note: Required to mount up to eight SIM-16 or OCM-16 modules.	168.68	26.25
28 46 21 17-0603			Battery Enclosures (28 46 21 17-0569)		
28 46 21 17-0604	EA		Enclosure For 100 Amp Hours Batteries (Siemens CAB-BATT).....	609.22	104.99
28 46 21 17-0605			Graphic Annunciator Output Drivers And Inputs (28 46 21 17-0569)		
28 46 21 17-0606	EA		Output Control Module (Siemens OCM-16)	451.74	26.25
28 46 21 17-0607	EA		Supervised Input Module (Siemens SIM-16)	451.74	26.25
28 46 21 17-0608			Remote LCD Displays (28 46 21 17-0569)		
28 46 21 17-0609	EA		Remote LED/LCD System Status Display (Siemens SSD)..... Note: No control or menu capability.	1,057.99	78.74
28 46 21 17-0610	EA		Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C).....	1,187.02	78.74
28 46 21 17-0611			Voice Equipment (28 46 21 17-0569)		
28 46 21 17-0612	EA		40W Zone Amplifier Card (Siemens ZAC-40).....	1,019.88	26.25
28 46 21 17-0613	EA		180W Zone Amplifier Module (Siemens ZAM-180).....	2,240.60	26.25
28 46 21 17-0614	EA		Live Voice Module (Siemens LVM)	953.00	26.25
			Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.		
28 46 21 17-0615			MXL Series Equipment (28 46 21 17-0544)		
28 46 21 17-0616			MXL Optional Equipment (28 46 21 17-0615)		
28 46 21 17-0617	EA		Two Circuit Analog Loop Driver (Siemens ALD-2I).....	1,112.91	52.49
28 46 21 17-0618	EA		CXL/MXL Interface Module (Siemens CMI-300).....	2,808.73	26.25
28 46 21 17-0619	EA		Four Relay Programmable Relay Module (Siemens CRM-4)	495.65	26.25
28 46 21 17-0620	EA		Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	594.96	26.25
28 46 21 17-0621	EA		Remote Conventional Zone Module (Siemens CZM-1B6).....	234.21	26.25
28 46 21 17-0622	EA		Short Circuit Line Isolator Module (Siemens Model LIM-1).....	151.12	26.25
28 46 21 17-0623	EA		Four Circuit Conventional Zone Module (Siemens CZM-4)	579.42	26.25
28 46 21 17-0624	EA		12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	227.36	39.37
28 46 21 17-0625	EA		Lexan Window For RCC (Siemens GENBOX-WD).....	150.75	21.00
28 46 21 17-0626	EA		Input Driver Module (Siemens MID-16).....	385.54	26.25
28 46 21 17-0627	EA		Programmable Output Driver Module (Siemens MOD-16).....	385.54	26.25
28 46 21 17-0628	EA		MXL Output/Input Module (Siemens MOI-7).....	607.12	26.25
28 46 21 17-0629	EA		Two Slot Network Option Module Card Cage (Siemens MOM-2)	330.82	26.25
28 46 21 17-0630	EA		Four Slot Network Option Module Card Cage (Siemens MOM-4).....	511.19	26.25
28 46 21 17-0631	EA		12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220).....	1,266.06	78.74
28 46 21 17-0632	EA		12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240).....	1,266.06	78.74
28 46 21 17-0633	EA		Network Interface Module (Siemens NIM-1W).....	897.60	26.25
28 46 21 17-0634	EA		U.L. Listed Parallel Printer (Siemens PAL-1).....	2,371.73	104.99
28 46 21 17-0635	EA		Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	274.75	26.25
28 46 21 17-0636	EA		Surface Mounted Remote Command Center (Siemens RCC-1).....	2,850.19	524.93
28 46 21 17-0637	EA		Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	343.46	52.49
28 46 21 17-0638	EA		Flush Mounted Remote Command Center (Siemens RCC-1F).....	2,850.19	524.93
28 46 21 17-0639	EA		Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	351.57	52.49
28 46 21 17-0640	EA		Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	2,265.84	524.93
28 46 21 17-0641	EA		MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	3,231.20	524.93
28 46 21 17-0642	EA		RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	56.65	13.12
28 46 21 17-0643	EA		Remote Diagnostics Module For MXL (Siemens RDM-MXL)	3,617.85	52.49
28 46 21 17-0644	EA		Remote Diagnostics Module For PC (Siemens RDM-PC).....	7,669.12	52.49
28 46 21 17-0645	EA		Releasing End Of Line Module (Siemens REL-EOL).....	126.13	26.25
28 46 21 17-0646	EA		36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	2,318.77	52.49
28 46 21 17-0647	EA		36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	2,215.41	52.49
28 46 21 17-0648	EA		8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	1,223.97	104.99
28 46 21 17-0649			Complete MXL And MXLV System Packages Without Enclosure (28 46 21 17-0615)		
28 46 21 17-0650	EA		MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB- 2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP)	9,022.75	524.93
			Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.		
28 46 21 17-0651	EA		MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM- 2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP).....	11,554.71	524.93
			Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.		
28 46 21 17-0652	EA		MXLV Demonstration Panel (Siemens MXLV DEMO).....	23,379.53	524.93
28 46 21 17-0653			MXL Basic System (28 46 21 17-0615)		
28 46 21 17-0654	EA		MXL/MXLV Main Control Board (Siemens MMB-3)	5,836.85	524.93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0655	EA		MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL)..... Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	7,349.41	524.93
28 46 21 17-0656	EA		MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	1,960.73	52.49
28 46 21 17-0657	EA		MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	2,448.47	52.49
28 46 21 17-0658	EA		6 Amp Power Supply For MXL (Siemens MPS-6).....	887.07	78.74
28 46 21 17-0659	EA		220/240 Volt AC Adapter Cable (Siemens CIA-12).....	70.16	13.12
28 46 21 17-0660			MXL/MXLV System Expansion Accessories (28 46 21 17-0615)		
28 46 21 17-0661	EA		MXL Remote Power Supply Module (Siemens PSR-1).....	1,078.25	78.74
28 46 21 17-0662	EA		Style 4 Communication Module (Siemens NET-4).....	227.46	26.25
28 46 21 17-0663	EA		Style 7 Communication Module (Siemens NET-7).....	401.07	26.25
28 46 21 17-0664	EA		MXL/MXLV-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	247.05	26.25
28 46 21 17-0665			Peripheral Devices (28 46 21 17-0544)		
28 46 21 17-0666			Thermal Detectors (28 46 21 17-0665)		
28 46 21 17-0667	EA		Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	111.84	39.37
28 46 21 17-0668	EA		Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	111.84	39.37
28 46 21 17-0669	EA		135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	111.84	39.37
28 46 21 17-0670	EA		200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	111.84	39.37
28 46 21 17-0671	EA		Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	162.51	39.37
28 46 21 17-0672	EA		Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	162.51	39.37
28 46 21 17-0673	EA		Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP).....	367.20	39.37
28 46 21 17-0674			Beam Smoke Detector (28 46 21 17-0665)		
28 46 21 17-0675	EA		Linear Beam Smoke Detector (Siemens PBA-1191).....	1,667.95	39.37
28 46 21 17-0676	EA		Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	193.79	13.12
28 46 21 17-0677	EA		20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192).....	195.81	13.12
28 46 21 17-0678	EA		10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193).....	103.94	13.12
28 46 21 17-0679			Bases For Detectors (28 46 21 17-0665)		
28 46 21 17-0680	EA		Detector Base (Siemens DB-11).....	36.38	13.12
28 46 21 17-0681	EA		Universal Base (Siemens DB-3S).....	34.36	13.12
28 46 21 17-0682			Manual Stations (28 46 21 17-0665)		
28 46 21 17-0683	EA		Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP).....	224.45	31.50
28 46 21 17-0684			Addressable Devices (28 46 21 17-0544)		
28 46 21 17-0685			Intelligent Detectors And Devices For Firefinder XLS And FS-250 (28 46 21 17-0684)		
28 46 21 17-0686	EA		Addressable Fireprint Fire Detector (Siemens HFP-11).....	194.93	39.37
28 46 21 17-0687	EA		Addressable Thermal Fire Detector (Siemens HFPT-11).....	171.29	39.37
28 46 21 17-0688	EA		Relay Base For H-Series Intelligent Detectors (Siemens DB-HR).....	143.59	39.37
28 46 21 17-0689	EA		Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC).....	103.74	39.37
28 46 21 17-0690	EA		Wall Mounted Remote Alarm Indicator (Siemens RL-HW).....	103.74	39.37
28 46 21 17-0691	EA		Addressable Single Action Manual Pull Station (Siemens HMS-S).....	195.03	26.25
28 46 21 17-0692	EA		Addressable Double Action Manual Pull Station (Siemens HMS-D).....	186.92	26.25
28 46 21 17-0693	EA		Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S).....	151.12	26.25
28 46 21 17-0694	EA		Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D).....	181.52	26.25
28 46 21 17-0695	EA		Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R).....	181.52	26.25
28 46 21 17-0696	EA		Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M).....	140.99	26.25
28 46 21 17-0697	EA		Line Isolator Module (Siemens HLIM).....	145.04	26.25
28 46 21 17-0698	EA		Remote Convention Zone Module (Siemens HZM).....	207.19	26.25
28 46 21 17-0699	EA		Intelligent Control Point Module (Siemens HCP).....	258.53	26.25
28 46 21 17-0700	EA		Handheld Programming And Testing Unit (Siemens DPU).....	1,080.11	
28 46 21 17-0701	EA		DPU Carrying Case (Siemens DPU-C1).....	169.78	
28 46 21 17-0702	EA		Label Printer And Carrying Case (Siemens DPU-PRT).....	1,852.16	26.25
28 46 21 17-0703			Air Duct Housings And Detectors (28 46 21 17-0684)		
28 46 21 17-0704	EA		Air-Duct Housing (Siemens AD2-P).....	208.85	21.00
28 46 21 17-0705	EA		Air-Duct Housing With Relay (Siemens AD2-XHR).....	234.52	21.00
28 46 21 17-0706	EA		Weatherproof Enclosure For Duct Housing (Siemens WP-2000).....	193.68	26.25
28 46 21 17-0707	EA		6" To 1' Duct Sampling Tube (Siemens ST-10).....	29.26	7.87
28 46 21 17-0708	EA		>1' To 3' Duct Sampling Tube (Siemens ST-25).....	36.54	10.50
28 46 21 17-0709	EA		>3' To 5' Duct Sampling Tube (Siemens ST-50).....	45.84	13.12
28 46 21 17-0710	EA		>5' To 10' Duct Sampling Tube (Siemens ST-100).....	53.79	15.75
28 46 21 17-0711			Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 46 21 17-0684)		
28 46 21 17-0712	EA		Addressable Fireprint Fire Detector (Siemens FP-11).....	202.37	39.37
28 46 21 17-0713	EA		Addressable Thermal Fire Detector (Siemens FPT-11).....	177.37	39.37
28 46 21 17-0714	EA		Intelligent Ionization Smoke Detector (Siemens ILI-1).....	221.28	39.37
28 46 21 17-0715	EA		Addressable Single Action Manual Pull Station (Siemens MSI-10B).....	190.30	26.25
28 46 21 17-0716	EA		Addressable Double Action Manual Pull Station (Siemens MSI-20B).....	208.54	26.25
28 46 21 17-0717	EA		Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S).....	192.33	26.25
28 46 21 17-0718	EA		Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D).....	211.24	26.25

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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21	17-0719	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	211.24	26.25
28 46 21	17-0720		Detector Universal Bases (28 46 21 17-0684)		
28 46 21	17-0721	EA	Detector Base With Relay (Siemens DB-X11RS)	90.43	13.12
28 46 21	17-0722	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	49.89	13.12
28 46 21	17-0723	EA	Locking Kit (Siemens LK-11)	11.04	
28 46 21	17-0724	EA	Detector Base With Relay (Siemens DB-X3RS)	90.43	13.12
28 46 21	17-0725	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	103.94	13.12
28 46 21	17-0726	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	47.87	13.12
28 46 21	17-0727	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	23.86	7.87
28 46 21	17-0728	EA	Seal For DB-11 (Siemens DB11-SEAL)	12.67	
28 46 21	17-0729	EA	Gasket For DB-11 (Siemens DB-SEAL)	13.56	
28 46 21	17-0730	EA	Detector Guard Housing (Siemens DGH-11)	128.93	13.12
28 46 21	17-0731	EA	Small Detector Base (Siemens DB-11E)	39.09	13.12
28 46 21	17-0732	EA	Audible Base For Series 3 (Siemens ADBI-60A)	116.10	13.12
28 46 21	17-0733	EA	Base Plug (Siemens DB-11-DP)	11.01	
28 46 21	17-0734		Air Duct Smoke Detectors (28 46 21 17-0684)		
28 46 21	17-0735	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	107.21	26.25
28 46 21	17-0736	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	489.57	26.25
28 46 21	17-0737		Notification Devices (28 46 21 17-0544)		
28 46 21	17-0738		Synchronization Control Devices (28 46 21 17-0737)		
28 46 21	17-0739	EA	Dual Synchronization Control Module (Siemens DSC)	151.12	26.25
28 46 21	17-0740		Stand Alone Strobes (28 46 21 17-0737)		
28 46 21	17-0741	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	136.16	39.37
28 46 21	17-0742	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	146.30	39.37
28 46 21	17-0743	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	136.16	39.37
28 46 21	17-0744	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	146.30	39.37
28 46 21	17-0745	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	146.30	39.37
28 46 21	17-0746	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	136.16	39.37
28 46 21	17-0747	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	153.73	39.37
28 46 21	17-0748	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	148.32	39.37
28 46 21	17-0749	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	148.32	39.37
28 46 21	17-0750	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	157.10	39.37
28 46 21	17-0751	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	157.10	39.37
28 46 21	17-0752		Horns And Strobes (28 46 21 17-0737)		
28 46 21	17-0753	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	176.02	39.37
28 46 21	17-0754	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	184.80	39.37
28 46 21	17-0755	EA	Wall Mounted Horn (Siemens SE-R)	111.84	39.37
28 46 21	17-0756	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	176.02	39.37
28 46 21	17-0757	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	184.80	39.37
28 46 21	17-0758	EA	Ceiling Mounted Horn (Siemens SEC-R)	115.90	39.37
28 46 21	17-0759	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	176.02	39.37
28 46 21	17-0760	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	184.80	39.37
28 46 21	17-0761	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	111.84	39.37
28 46 21	17-0762	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	176.02	39.37
28 46 21	17-0763	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	184.80	39.37
28 46 21	17-0764	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	115.90	39.37
28 46 21	17-0765	EA	Mini Horn (Siemens MH-R)	96.98	39.37
28 46 21	17-0766	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	117.25	39.37
28 46 21	17-0767	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	167.24	39.37
28 46 21	17-0768	EA	Industrial Tri-Tone Horn (Siemens ASR)	433.40	39.37
28 46 21	17-0769	EA	Wall Mounted Horn (Siemens HS-R)	117.25	39.37
28 46 21	17-0770	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	167.91	39.37
28 46 21	17-0771	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	178.72	39.37
28 46 21	17-0772	EA	6" Motor Bell (Siemens MBDC-6)	130.76	39.37
28 46 21	17-0773	EA	10" Motor Bell (Siemens MBDC-10)	140.89	39.37
28 46 21	17-0774		Mounting Accessories (28 46 21 17-0737)		
28 46 21	17-0775	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	34.36	13.12
28 46 21	17-0776	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	34.36	13.12
28 46 21	17-0777	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	35.03	13.12
28 46 21	17-0778	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	51.25	13.12
28 46 21	17-0779	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	42.46	13.12
28 46 21	17-0780	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	44.49	13.12
28 46 21	17-0781	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	47.19	13.12
28 46 21	17-0782	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	39.09	13.12
28 46 21	17-0783	EA	Semi-Flush Plate (Siemens SFPS-R)	33.68	13.12
28 46 21	17-0784	EA	Square Surface Backbox (Siemens SHBBS-R)	39.09	13.12
28 46 21	17-0785	EA	Horn Adapter Plate (Siemens SHMPS-R)	37.73	13.12
28 46 21	17-0786	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	34.36	13.12
28 46 21	17-0787	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	42.46	13.12
28 46 21	17-0788	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	44.49	13.12
28 46 21	17-0789	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	43.14	13.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0790	EA		Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	47.19	13.12
28 46 21 17-0791	EA		Weatherproof Flush Plate (Siemens WFPAS-R)	47.19	13.12
28 46 21 17-0792	EA		Weatherproof Horn Flush Plate (Siemens WFPS-R)	47.19	13.12
28 46 21 17-0793	EA		Weatherproof Horn Backbox (Siemens WPBBS-R)	44.49	13.12
28 46 21 17-0794	EA		Weatherproof Strobe Backbox (Siemens WPSBBS-R)	44.49	13.12
28 46 21 17-0795	EA		Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	34.36	13.12
28 46 21 17-0796	EA		Z Series Backbox (Siemens ZBB-R).....	37.73	13.12
28 46 21 17-0797			Door Holders <small>(28 46 21 17-0737)</small>		
28 46 21 17-0798	EA		120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	253.03	39.37
28 46 21 17-0799	EA		24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	253.03	39.37
28 46 21 17-0800			Voice Equipment <small>(28 46 21 17-0544)</small>		
28 46 21 17-0801			Voicecom <small>(28 46 21 17-0800)</small>		
28 46 21 17-0802	EA		Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	3,829.74	524.93
28 46 21 17-0803	EA		Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L).....	5,890.17	524.93
28 46 21 17-0804			Johnson Controls Fire Alarm <small>(28 46 21 17)</small>		
28 46 21 17-0805	EA		Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	157.50	39.37
28 46 21 17-0806	EA		Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	156.04	39.37
28 46 21 17-0807	EA		Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ).....	189.59	39.37
28 46 21 17-0808	EA		Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ).....	189.12	39.37
28 46 21 17-0809	EA		411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD).....	490.12	52.49
28 46 21 17-0810	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	150.02	39.37
28 46 21 17-0811	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	136.14	39.37
28 46 21 17-0812	EA		Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ).....	133.20	39.37
28 46 21 17-0813	EA		Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	359.45	39.37
28 46 21 17-0814	EA		100 Watt Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	1,687.90	78.74
28 46 21 17-0815	EA		AUDIO Amplifier, 100 Watt, 230 Volt AC (Johnson Controls, Inc. #AA-100E).....	1,636.73	78.74
28 46 21 17-0816	EA		120 Watt Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-120)	1,664.34	78.74
28 46 21 17-0817	EA		AUDIO Amplifier, 120 Watt, 230 Volt AC (Johnson Controls, Inc. #AA-120E)	1,595.40	78.74
28 46 21 17-0818	EA		30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Johnson Controls, Inc. #AA-30).....	798.98	78.74
28 46 21 17-0819	EA		AUDIO Amplifier, 30 Watt, 230 Volt AC (Johnson Controls, Inc. #AA-30E).....	798.98	78.74
28 46 21 17-0820	EA		Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT).....	771.46	26.25
28 46 21 17-0821	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT).....	801.84	26.25
28 46 21 17-0822	EA		Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	592.75	26.25
28 46 21 17-0823	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	592.75	26.25
28 46 21 17-0824	EA		Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R).....	422.31	26.25
28 46 21 17-0825	EA		Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	1,344.58	52.49
28 46 21 17-0826	EA		Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT).....	592.75	26.25
28 46 21 17-0827	EA		Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	615.59	26.25
28 46 21 17-0828	EA		Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	532.82	26.25
28 46 21 17-0829	EA		Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	532.82	26.25
28 46 21 17-0830	EA		Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	99.92	23.62
28 46 21 17-0831	EA		Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	821.90	52.49
28 46 21 17-0832	EA		Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS).....	1,757.77	52.49
28 46 21 17-0833	EA		Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	821.90	52.49
28 46 21 17-0834	EA		Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS).....	1,757.77	52.49
28 46 21 17-0835	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP).....	38.64	13.12
28 46 21 17-0836	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI).....	91.96	13.12
28 46 21 17-0837	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	87.14	13.12
28 46 21 17-0838	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	40.70	13.12
28 46 21 17-0839	EA		Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J).....	37.28	13.12
28 46 21 17-0840	EA		Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100).....	607.07	52.49
28 46 21 17-0841	EA		Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	1,397.07	78.74
28 46 21 17-0842	EA		Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	1,474.55	78.74
28 46 21 17-0843	EA		Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	165.71	13.12
28 46 21 17-0844	EA		Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK).....	114.06	13.12

28 Electronic Safety And Security

28 40 Life Safety

28 46 Fire Detection And Alarm

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0845	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-5025).....	1,398.21	78.74
28 46 21 17-0846	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F).....	1,293.76	78.74
28 46 21 17-0847	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF).....	1,293.76	78.74
28 46 21 17-0848	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS (Johnson Controls, Inc. #DAA-5070).....	1,511.02	78.74
28 46 21 17-0849	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E).....	1,397.07	78.74
28 46 21 17-0850	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F).....	1,397.07	78.74
28 46 21 17-0851	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF).....	1,397.07	78.74
28 46 21 17-0852	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-7525).....	1,662.69	78.74
28 46 21 17-0853	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F).....	1,662.69	78.74
28 46 21 17-0854	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF).....	1,662.69	78.74
28 46 21 17-0855	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR).....	182.72	26.25
28 46 21 17-0856	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW).....	273.04	26.25
28 46 21 17-0857	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1).....	29.23	10.50
28 46 21 17-0858	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5).....	31.36	10.50
28 46 21 17-0859	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10).....	71.23	15.75
28 46 21 17-0860	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3).....	36.11	10.50
28 46 21 17-0861	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5).....	44.68	13.12
28 46 21 17-0862	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO).....	274.57	26.25
28 46 21 17-0863	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD).....	461.38	52.49
28 46 21 17-0864	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4).....	402.47	78.74
28 46 21 17-0865	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4).....	541.57	78.74
28 46 21 17-0866	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4).....	588.06	78.74
28 46 21 17-0867	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4).....	294.01	10.50
28 46 21 17-0868	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4).....	440.38	10.50
28 46 21 17-0869	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4).....	483.43	10.50
28 46 21 17-0870	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6).....	809.92	104.99
		Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions		
28 46 21 17-0871	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8).....	814.95	104.99
		Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions		
28 46 21 17-0872	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G).....	761.79	78.74
28 46 21 17-0873	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS).....	139.88	13.12
28 46 21 17-0874	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R).....	390.28	26.25
28 46 21 17-0875	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980).....	220.17	39.37
28 46 21 17-0876	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996).....	183.53	39.37
28 46 21 17-0877	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998).....	191.87	39.37
28 46 21 17-0878	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200).....	1,408.29	52.49
28 46 21 17-0879	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S).....	1,714.01	52.49
28 46 21 17-0880	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J).....	523.46	26.25
28 46 21 17-0881	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320).....	3,693.31	419.94
		Note: Includes Door, Dress Panel And Back Box, Black		
28 46 21 17-0882	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG).....	1,728.85	52.49
28 46 21 17-0883	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI).....	23,179.46	629.91
28 46 21 17-0884	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F).....	25,245.44	629.91
28 46 21 17-0885	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP).....	28,344.41	629.91
28 46 21 17-0886	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W).....	25,245.44	629.91
28 46 21 17-0887	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B).....	174.05	15.75
28 46 21 17-0888	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB).....	194.72	15.75
28 46 21 17-0889	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B).....	211.24	15.75
28 46 21 17-0890	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B).....	386.85	15.75
28 46 21 17-0891	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB).....	128.42	10.50
28 46 21 17-0892	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D).....	204.60	23.62
28 46 21 17-0893	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR).....	216.45	23.62
28 46 21 17-0894	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D).....	386.05	23.62
28 46 21 17-0895	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4).....	377.39	10.50
28 46 21 17-0896	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4).....	506.52	10.50
28 46 21 17-0897	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4).....	625.31	10.50
28 46 21 17-0898	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX).....	189.53	26.25
28 46 21 17-0899	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4).....	87.44	10.50
28 46 21 17-0900	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D).....	3,685.49	419.94
28 46 21 17-0901	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640).....	2,667.59	314.96
		Note: Includes CHS2-M2 Chassis		
28 46 21 17-0902	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D).....	4,711.05	419.94
28 46 21 17-0903	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640).....	4,472.71	314.96
28 46 21 17-0904	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E).....	3,274.66	314.96
28 46 21 17-0905	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM).....	1,714.28	39.37
28 46 21 17-0906	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF).....	1,731.52	39.37
28 46 21 17-0907	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF).....	1,731.52	39.37
28 46 21 17-0908	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA).....	2,052.71	52.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-0909	EA		Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. Mounting Options Include: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D). (Johnson Controls, Inc. #JNCA-2).....	1,744.34	52.49
28 46 21 17-0910	EA		Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP).....	1,662.91	314.96
28 46 21 17-0911	EA		160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160).....	1,248.12	52.49
28 46 21 17-0912	EA		80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80).....	1,032.18	52.49
28 46 21 17-0913	EA		Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320).....	1,642.48	52.49
28 46 21 17-0914	EA		Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32).....	506.58	13.12
28 46 21 17-0915	EA		Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24).....	166.64	10.50
28 46 21 17-0916	EA		Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48).....	203.83	10.50
28 46 21 17-0917	EA		Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32).....	409.50	13.12
28 46 21 17-0918	EA		Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32).....	745.22	13.12
28 46 21 17-0919	EA		Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320).....	1,344.11	13.12
28 46 21 17-0920	EA		Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ).....	112.39	13.12
28 46 21 17-0921	EA		Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ).....	174.57	13.12
28 46 21 17-0922	EA		Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ).....	89.86	13.12
28 46 21 17-0923	EA		Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ).....	123.03	13.12
28 46 21 17-0924	EA		Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devices. (Johnson Controls, Inc. #M301MJ).....	98.57	13.12
28 46 21 17-0925	EA		Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ).....	155.94	13.12
28 46 21 17-0926	EA		Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ).....	176.78	13.12
28 46 21 17-0927	EA		SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ).....	103.00	13.12
28 46 21 17-0928	EA		Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W).....	1,434.02	39.37
28 46 21 17-0929	EA		Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F).....	1,270.38	26.25
28 46 21 17-0930	EA		Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W).....	1,175.35	26.25
28 46 21 17-0931	EA		Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO).....	46.65	5.25
28 46 21 17-0932	EA		Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F).....	1,030.12	26.25
28 46 21 17-0933	EA		Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W).....	981.64	26.25
28 46 21 17-0934	EA		NFV-25/50. (Johnson Controls, Inc. #NFV-25/50).....	2,497.75	52.49
28 46 21 17-0935	EA		NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U).....	700.60	26.25
28 46 21 17-0936	EA		Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S).....	193.50	10.50
28 46 21 17-0937	EA		Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1).....	448.13	26.25
28 46 21 17-0938	EA		Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA).....	448.13	26.25
28 46 21 17-0939	EA		Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1).....	122.24	10.50
28 46 21 17-0940	EA		SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB).....	33.86	5.25
28 46 21 17-0941	EA		SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC).....	33.86	5.25
28 46 21 17-0942	EA		Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR).....	140.73	39.37
28 46 21 17-0943	EA		Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH).....	155.18	39.37
28 46 21 17-0944	EA		Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK).....	182.21	44.62
28 46 21 17-0945	EA		Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK).....	180.14	44.62
28 46 21 17-0946	EA		Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8).....	1,097.31	104.99
28 46 21 17-0947	EA		Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L).....	870.05	104.99
28 46 21 17-0948	EA		Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW).....	140.73	39.37
28 46 21 17-0949	EA		Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH).....	155.18	39.37
28 46 21 17-0950	EA		Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P).....	140.73	39.37
28 46 21 17-0951	EA		Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500).....	27.56	10.50
28 46 21 17-0952	EA		SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON).....	27.08	5.25
28 46 21 17-0953	EA		SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP).....	30.40	5.25
28 46 21 17-0954	EA		SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS).....	27.11	5.25
28 46 21 17-0955	EA		Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR).....	130.76	39.37
28 46 21 17-0956	EA		Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH).....	155.18	39.37
28 46 21 17-0957	EA		Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK).....	182.21	44.62
28 46 21 17-0958	EA		Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P).....	155.18	39.37
28 46 21 17-0959	EA		Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK).....	180.14	44.62
28 46 21 17-0960	EA		Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P).....	140.73	39.37
28 46 21 17-0961	EA		Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW).....	140.73	39.37
28 46 21 17-0962	EA		Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH).....	155.18	39.37
28 46 21 17-0963	EA		Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P).....	155.18	39.37
28 46 21 17-0964	EA		Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P).....	140.73	39.37
28 46 21 17-0965	EA		Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1).....	169.83	13.12
28 46 21 17-0966	EA		Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT).....	746.20	52.49
28 46 21 17-0967	EA		Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW).....	205.09	52.49
28 46 21 17-0968	EA		Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW).....	89.98	26.25
28 46 21 17-0969	EA		Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV).....	89.98	26.25
28 46 21 17-0970	EA		Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR).....	152.59	26.25
28 46 21 17-0971	EA		Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH).....	164.57	26.25
28 46 21 17-0972	EA		Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH).....	164.57	26.25
28 46 21 17-0973	EA		Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV).....	147.83	26.25
28 46 21 17-0974	EA		Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK).....	195.78	26.25

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 46 21 17-0975	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW).....	152.59		26.25
28 46 21 17-0976	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	89.98		26.25
28 46 21 17-0977	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	89.98		26.25
28 46 21 17-0978	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	164.57		26.25
28 46 21 17-0979	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	152.59		26.25
28 46 21 17-0980	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	152.59		26.25
28 46 21 17-0981		Honeywell Fire Alarm (28 46 21 17)			
28 46 21 17-0982		Notifier Fire Alarm (28 46 21 17-0981)			
28 46 21 17-0983		Fire Alarm Control Panel And Accessories (28 46 21 17-0982)			
28 46 21 17-0984	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	4,427.73		524.93
28 46 21 17-0985	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	3,752.88		524.93
28 46 21 17-0986	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	4,419.79		524.93
28 46 21 17-0987	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	4,662.22		524.93
28 46 21 17-0988	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	4,551.29		524.93
28 46 21 17-0989	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	4,551.29		524.93
28 46 21 17-0990	EA	Two-Tone Sequential Module (Notifier 2TTM)	229.60		26.25
28 46 21 17-0991	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	68.29		5.25
28 46 21 17-0992	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	132.86		10.50
28 46 21 17-0993	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	202.09		15.75
28 46 21 17-0994	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P).....	313.21		
28 46 21 17-0995	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	44.74		
28 46 21 17-0996	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	4,460.87		524.93
28 46 21 17-0997	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS).....	4,460.87		524.93
28 46 21 17-0998	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	169.90		5.25
28 46 21 17-0999	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	52.45		5.25
28 46 21 17-1000	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	67.61		10.50
28 46 21 17-1001	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT).....	76.59		13.12
28 46 21 17-1002	EA	IP Communicator (Notifier IPDACT-2)	570.77		26.25
28 46 21 17-1003	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	663.99		26.25
28 46 21 17-1004	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC)	155.96		26.25
		Note: Includes IPBRKT.			
28 46 21 17-1005	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B).....	155.96		26.25
		Note: Includes IPBRKT			
28 46 21 17-1006	EA	Single Or Dual Path Commercial Fire Communicator (Notifier IPGSM-4G).....	796.50		39.37
28 46 21 17-1007	EA	Dual 8TPC To Single 8TPC "Y" Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT).....	41.51		10.50
28 46 21 17-1008	EA	Loop Control Module (Notifier LCM-320)	1,436.17		52.49
28 46 21 17-1009	EA	Loop Expander Module (Notifier LEM-320)	1,247.39		52.49
28 46 21 17-1010	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,096.54		52.49
28 46 21 17-1011	EA	7' DACT Phone Cord (Notifier MCBL-7).....	19.82		
28 46 21 17-1012	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	143.70		13.12
28 46 21 17-1013	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	169.94		26.25
28 46 21 17-1014	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	169.94		26.25
28 46 21 17-1015	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	635.09		26.25
28 46 21 17-1016	EA	Universal Zone Coder (Notifier UZC-256)	854.15		26.25
28 46 21 17-1017	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI)	258.45		
		Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.			
28 46 21 17-1018	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	597.75		
28 46 21 17-1019	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD).....	403.86		
28 46 21 17-1020	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	3,969.88		15.75
28 46 21 17-1021		ONYX Cabinets (28 46 21 17-0982)			
28 46 21 17-1022	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	368.35		13.12
28 46 21 17-1023	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	491.40		13.12
28 46 21 17-1024	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	605.12		13.12
28 46 21 17-1025	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	93.95		15.75
28 46 21 17-1026	EA	Chassis Bridge (Notifier CB-1)	82.18		13.12
28 46 21 17-1027	EA	Four Position Chassis (Notifier CHS-4).....	137.18		13.12
28 46 21 17-1028	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2).....	156.58		26.25
28 46 21 17-1029	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	74.85		15.75
28 46 21 17-1030	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	102.34		15.75
28 46 21 17-1031	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	278.32		26.25
28 46 21 17-1032	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B).....	182.17		26.25
28 46 21 17-1033	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	355.74		39.37
28 46 21 17-1034	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B).....	227.82		39.37
28 46 21 17-1035	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	527.54		52.49
28 46 21 17-1036	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B).....	332.59		52.49
28 46 21 17-1037	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	641.12		65.62
28 46 21 17-1038	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	388.82		65.62
28 46 21 17-1039	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	208.02		13.12
28 46 21 17-1040	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B).....	139.97		13.12
28 46 21 17-1041	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	131.58		13.12
28 46 21 17-1042	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	208.95		13.12
28 46 21 17-1043	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	163.28		13.12
28 46 21 17-1044	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	264.88		13.12
28 46 21 17-1045	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	183.79		13.12
28 46 21 17-1046	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	318.95		13.12
28 46 21 17-1047	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	266.75		13.12
28 46 21 17-1048	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	472.75		13.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1049	EA		Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	298.44	13.12
28 46 21 17-1050	EA		Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	565.04	13.12
28 46 21 17-1051	EA		Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	286.46	26.25
28 46 21 17-1052	EA		Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	415.10	26.25
28 46 21 17-1053	EA		Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	488.74	26.25
28 46 21 17-1054	EA		Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	306.97	26.25
28 46 21 17-1055	EA		Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	444.00	26.25
28 46 21 17-1056	EA		Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	515.77	26.25
28 46 21 17-1057	EA		Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	286.46	26.25
28 46 21 17-1058	EA		Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	415.10	26.25
28 46 21 17-1059	EA		Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	488.74	26.25
28 46 21 17-1060	EA		Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	306.97	26.25
28 46 21 17-1061	EA		Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	444.00	26.25
28 46 21 17-1062	EA		Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	515.77	26.25
28 46 21 17-1063	EA		Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,659.58	131.23
28 46 21 17-1064	EA		CAB-4 Series Mounting Kit (Notifier P40-KITB)	262.23	26.25
			Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 46 21 17-1065	EA		Black, One Tier Backbox Assembly (Notifier SBB-A4)	307.45	78.74
28 46 21 17-1066	EA		Black, Two Tier Backbox Assembly (Notifier SBB-B4)	431.39	104.99
28 46 21 17-1067	EA		Black, Three Tier Backbox Assembly (Notifier SBB-C4)	550.48	104.99
28 46 21 17-1068	EA		Black, Four Tier Backbox Assembly (Notifier SBB-D4)	671.78	131.23
28 46 21 17-1069	EA		Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	169.94	26.25
28 46 21 17-1070	EA		Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	169.94	26.25
28 46 21 17-1071	EA		Red, One Tier Backbox Assembly (Notifier SBB-A4R)	210.96	26.25
28 46 21 17-1072	EA		Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	286.46	26.25
28 46 21 17-1073	EA		Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	412.30	26.25
28 46 21 17-1074	EA		Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	485.01	26.25
28 46 21 17-1075	EA		Trim Ring For NFS-320 Cabinet (Notifier TR-320)	154.55	15.75
28 46 21 17-1076	EA		Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	154.55	15.75
28 46 21 17-1077	EA		Black, "AA" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	201.15	15.75
28 46 21 17-1078	EA		Black, "A" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	164.80	15.75
28 46 21 17-1079	EA		Black, "B" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	164.80	15.75
28 46 21 17-1080	EA		Black, "C" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	162.93	15.75
28 46 21 17-1081	EA		Black, "D" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	166.66	15.75
28 46 21 17-1082	EA		2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	69.25	15.75
28 46 21 17-1083	EA		Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	43.59	5.25
28 46 21 17-1084			NFS2-3030/640 Cabinet Mechanicals (28 46 21 17-0982)		
28 46 21 17-1085	EA		Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	95.90	15.75
28 46 21 17-1086	EA		Blank Module Dress Plate (Notifier BM-1B)	80.90	15.75
28 46 21 17-1087	EA		Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	90.60	15.75
28 46 21 17-1088	EA		Four Position Expansion Chassis (Notifier CHS-4MB)	202.43	13.12
28 46 21 17-1089	EA		Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	205.77	39.37
28 46 21 17-1090	EA		Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	99.43	15.75
28 46 21 17-1091			NFS-3030/640 Cabinet Mechanicals (28 46 21 17-0982)		
28 46 21 17-1092	EA		Annunciator Dress Plate (Notifier ADP-4B)	91.49	15.75
28 46 21 17-1093	EA		Blank Module Dress Plate (Notifier BMP-1)	60.61	15.75
28 46 21 17-1094	EA		Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	131.44	26.25
28 46 21 17-1095	EA		Module Dress Plate (Notifier MP-1B)	92.37	15.75
28 46 21 17-1096			Battery Cabinets (28 46 21 17-0982)		
28 46 21 17-1097	EA		Six Position Chassis (Notifier CHS-6)	89.81	26.25
28 46 21 17-1098	EA		Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	416.84	78.74
28 46 21 17-1099			Digital Voice (28 46 21 17-0982)		
28 46 21 17-1100	EA		Chassis Used With BB-XP (Notifier 18439)	45.36	13.12
28 46 21 17-1101	EA		220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	1,732.39	39.37
28 46 21 17-1102	EA		220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	1,683.92	39.37
28 46 21 17-1103	EA		220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	814.21	39.37
28 46 21 17-1104	EA		Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	402.49	39.37
28 46 21 17-1105	EA		Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	545.19	52.49
28 46 21 17-1106	EA		Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	679.05	65.62
28 46 21 17-1107	EA		Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	714.32	26.25
28 46 21 17-1108	EA		Single Mode Audio Fiber Link Receiver (Notifier AFL-RS)	1,572.84	26.25
28 46 21 17-1109	EA		Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	714.32	26.25
28 46 21 17-1110	EA		Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	1,572.84	26.25
28 46 21 17-1111	EA		15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	91.04	13.12
28 46 21 17-1112	EA		Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	144.63	13.12
28 46 21 17-1113	EA		Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	146.96	13.12
28 46 21 17-1114	EA		Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	145.10	13.12
28 46 21 17-1115	EA		Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	146.96	13.12
28 46 21 17-1116	EA		Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	275.14	13.12
28 46 21 17-1117	EA		Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	224.33	13.12
28 46 21 17-1118	EA		Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	61.77	
28 46 21 17-1119	EA		For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	481.28	26.25
28 46 21 17-1120	EA		For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	481.28	26.25
28 46 21 17-1121	EA		Blank Dress Plate For CA-2 (Notifier BP-CA2)	85.91	13.12
28 46 21 17-1122	EA		One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	116.01	26.25
28 46 21 17-1123	EA		Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	338.10	39.37
28 46 21 17-1124	EA		Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	175.54	26.25

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 21 17-1125	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR).....	175.54	26.25
28 46 21 17-1126	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1).....	197.77	13.12
28 46 21 17-1127	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1).....	226.66	13.12
28 46 21 17-1128	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025).....	1,321.04	26.25
28 46 21 17-1129	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F).....	1,122.56	26.25
28 46 21 17-1130	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF).....	1,122.56	26.25
28 46 21 17-1131	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070).....	1,363.38	26.25
28 46 21 17-1132	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F).....	1,219.84	26.25
28 46 21 17-1133	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525).....	1,415.43	26.25
28 46 21 17-1134	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	1,463.04	26.25
28 46 21 17-1135	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	1,463.04	26.25
28 46 21 17-1136	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E).....	1,392.94	26.25
28 46 21 17-1137	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E).....	1,437.68	26.25
28 46 21 17-1138	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E).....	1,492.68	26.25
28 46 21 17-1139	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525).....	955.75	26.25
28 46 21 17-1140	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E).....	955.75	26.25
28 46 21 17-1141	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570).....	1,016.34	26.25
28 46 21 17-1142	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E).....	1,016.34	26.25
28 46 21 17-1143	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025).....	1,055.49	26.25
28 46 21 17-1144	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E).....	1,055.49	26.25
28 46 21 17-1145	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070).....	1,116.08	26.25
28 46 21 17-1146	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E).....	1,116.08	26.25
28 46 21 17-1147	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT).....	98.96	13.12
28 46 21 17-1148	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1).....	87.08	15.75
28 46 21 17-1149	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	99.43	15.75
28 46 21 17-1150	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	165.59	15.75
28 46 21 17-1151	EA	WPS Power Amplifier (Notifier DPA3204P).....	565.18	26.25
28 46 21 17-1152	EA	WPS Power Amplifier (Notifier DPA4001P).....	476.62	26.25
28 46 21 17-1153	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232).....	993.97	26.25
28 46 21 17-1154	EA	120 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP).....	751.61	26.25
28 46 21 17-1155	EA	Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V 220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE).....	751.61	26.25
28 46 21 17-1156	EA	Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V Digital Series Distribution Board, Supports One To Four DS-Amp Or DS-AMPE (Notifier DS-DB).....	1,264.30	26.25
28 46 21 17-1157	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA).....	518.57	26.25
28 46 21 17-1158	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM).....	266.89	26.25
28 46 21 17-1159	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM).....	266.89	26.25
28 46 21 17-1160	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM).....	266.89	26.25
28 46 21 17-1161	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V).....	117.74	26.25
28 46 21 17-1162	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO).....	242.15	26.25
28 46 21 17-1163	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM).....	1,331.62	26.25
28 46 21 17-1164	EA	Keypad For Digital Voice Command (Notifier DVC-KD).....	409.34	52.49
28 46 21 17-1165	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE).....	198.80	
28 46 21 17-1166	EA	Fire Fighters Telephone Control With Master Handset (Notifier FFT-7).....	1,452.54	52.49
28 46 21 17-1167	EA	Portable Fireman's Telephone Handset (Notifier FHS).....	127.49	
28 46 21 17-1168	EA	Red, Fireman's Telephone Handset (Notifier FHS-F).....	127.49	
28 46 21 17-1169	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R).....	357.31	26.25
28 46 21 17-1170	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S).....	357.31	26.25
28 46 21 17-1171	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ).....	59.56	7.87
28 46 21 17-1172	EA	Paging Microphone Only (Notifier MIC-1).....	168.05	26.25
28 46 21 17-1173	EA	Firefighter's Telephone Handset (Notifier TELH-1).....	140.07	
28 46 21 17-1174	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	395.65	26.25
28 46 21 17-1175	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA).....	395.65	26.25

28 46 21 17-1176 Amplifiers (28 46 21 17-0982)

28 46 21 17-1177	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30).....	748.51	26.25
28 46 21 17-1178	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100).....	1,617.44	26.25
28 46 21 17-1179	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120).....	1,571.57	26.25
28 46 21 17-1180	EA	Audio Coupling Transformer (Notifier ACT-1).....	125.71	26.25
28 46 21 17-1181	EA	Audio Coupling Transformer For Analog Amplifiers (Notifier ACT-2).....	145.12	26.25
28 46 21 17-1182	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	145.12	26.25
28 46 21 17-1183	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25).....	145.12	26.25
28 46 21 17-1184	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70).....	145.12	26.25

28 46 21 17-1185 FireVoice-25/50 Emergency Voice Evacuation Control Panels (28 46 21 17-0982)

28 46 21 17-1186	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	3,292.14	524.93
28 46 21 17-1187	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	2,411.76	524.93
28 46 21 17-1188	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV- 25/50DAZS).....	3,044.07	524.93
28 46 21 17-1189	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS).....	3,870.95	524.93
28 46 21 17-1190	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	4,250.34	524.93

28 46 21 17-1191 System Printer (28 46 21 17-0982)

28 46 21 17-1192	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6).....	1,606.86	26.25
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28 46 21 17-1193 Batteries (28 46 21 17-0982)

28 46 21 17-1194	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP).....	477.55	26.25
28 46 21 17-1195	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP).....	354.19	26.25
28 46 21 17-1196	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP).....	461.81	26.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1197	EA		18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	274.79	26.25
28 46 21 17-1198	EA		26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	378.89	26.25
28 46 21 17-1199	EA		55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	378.01	26.25
28 46 21 17-1200	EA		100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	593.96	26.25
28 46 21 17-1201			Battery Backboxes And Miscellaneous Mechanicals (28 46 21 17-0982)		
28 46 21 17-1202	EA		14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	124.95	21.00
28 46 21 17-1203	EA		24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25)	190.20	21.00
			Note: XP6 modules require a CHS-6.		
28 46 21 17-1204	EA		15.6" x 15.5" x 5.152", Mounts Up To Two 26 Amp Hour And Charger, Battery Backbox (Notifier BB-26)	349.35	104.99
28 46 21 17-1205	EA		Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH)	171.17	52.49
28 46 21 17-1206	EA		Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH1)	75.65	13.12
28 46 21 17-1207	EA		Battery Bracket For Two 26 Amp Hour Batteries (Notifier SEISKIT-BB25)	208.85	21.00
28 46 21 17-1208	EA		Two 26 Amp Hour Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	163.17	21.00
28 46 21 17-1209	EA		Two 12 Amp Hour Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	179.95	21.00
28 46 21 17-1210	EA		Two 55 Amp Hour Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	194.86	21.00
28 46 21 17-1211			Power Supplies And Chargers (28 46 21 17-0982)		
28 46 21 17-1212	EA		120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,197.33	39.37
28 46 21 17-1213	EA		220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,197.33	39.37
28 46 21 17-1214	EA		Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,136.66	26.25
28 46 21 17-1215	EA		6A Auxiliary Power Supply (Notifier APS-6R)	609.90	26.25
28 46 21 17-1216	EA		10 Ampere Battery Charger (Notifier BC10A)	759.22	39.37
28 46 21 17-1217	EA		33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100)	448.90	31.50
			Note: Holds four 55 ampere hour or two 100 ampere hour batteries		
28 46 21 17-1218	EA		Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R)	448.90	31.50
			Note: Holds four 55 ampere hour or two 100 ampere hour batteries		
28 46 21 17-1219	EA		30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200)	641.86	31.50
			Note: Holds four 55 ampere hour or four 100 ampere hour batteries		
28 46 21 17-1220	EA		30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	641.86	31.50
28 46 21 17-1221	EA		15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	125.20	26.25
28 46 21 17-1222	EA		25 To 120 Ampere Hour Battery Charger (Notifier CHG-120)	879.07	26.25
28 46 21 17-1223	EA		Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	70.99	13.12
28 46 21 17-1224	EA		Door Used For Mounting ACPS-610 (E) In A CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	110.14	13.12
28 46 21 17-1225	EA		8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	587.08	26.25
28 46 21 17-1226	EA		8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	722.37	78.74
28 46 21 17-1227	EA		Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	722.37	78.74
28 46 21 17-1228	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	822.11	78.74
28 46 21 17-1229	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	822.11	78.74
28 46 21 17-1230	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	777.86	39.37
28 46 21 17-1231	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	777.86	39.37
28 46 21 17-1232	EA		12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	940.99	39.37
28 46 21 17-1233	EA		12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	940.99	39.37
28 46 21 17-1234	EA		12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	976.41	78.74
28 46 21 17-1235	EA		12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	976.41	78.74
28 46 21 17-1236	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	689.74	78.74
28 46 21 17-1237	EA		6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	689.74	78.74
28 46 21 17-1238	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	742.88	78.74
28 46 21 17-1239	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	742.88	78.74
28 46 21 17-1240	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	600.26	78.74
28 46 21 17-1241	EA		9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	704.66	78.74
28 46 21 17-1242	EA		Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	142.77	13.12
28 46 21 17-1243	EA		Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	879.36	26.25
28 46 21 17-1244	EA		Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	168.08	26.25
28 46 21 17-1245			Network Control Annunciators (28 46 21 17-0982)		
28 46 21 17-1246	EA		Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,613.04	78.74
28 46 21 17-1247	EA		Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	67.67	15.75
28 46 21 17-1248	EA		Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	50.91	15.75
28 46 21 17-1249			FIRSTVISION Firefighter's Display (28 46 21 17-0982)		
28 46 21 17-1250	EA		ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	12,685.63	524.93
28 46 21 17-1251			FlashScan Addressable Modules (28 46 21 17-0982)		
28 46 21 17-1252	EA		Intelligent Addressable Control Module (Notifier FCM-1)	148.65	26.25
28 46 21 17-1253	EA		Addressable Dual Monitor Module (Notifier FDM-1)	164.52	26.25
28 46 21 17-1254	EA		Intelligent Addressable Monitor Module (Notifier FMM-1)	125.71	26.25
28 46 21 17-1255	EA		Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	113.36	26.25
28 46 21 17-1256	EA		Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	220.10	26.25
28 46 21 17-1257	EA		Intelligent Addressable Relay Module (Notifier FRM-1)	112.49	26.25
28 46 21 17-1258	EA		Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	183.93	26.25
28 46 21 17-1259	EA		SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	123.95	26.25
28 46 21 17-1260			Addressable Device Bases And Accessories (28 46 21 17-0982)		

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MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 46 21 17-1261	EA	Intelligent Detector Base With Flange (Notifier B710LP)	44.73	13.12
28 46 21 17-1262	EA	Weatherproof Device Housing (Notifier DH4000E-1)	362.13	26.25
28 46 21 17-1263		XP6/XP10 Transponder <small>(28 46 21 17-0982)</small>		
28 46 21 17-1264	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	112.92	26.25
28 46 21 17-1265	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	514.74	26.25
28 46 21 17-1266	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	620.60	26.25
28 46 21 17-1267	EA	Six Relay Control Module (Notifier XP6-R)	495.33	26.25
28 46 21 17-1268	EA	Ten Input Monitor Module (Notifier XP10-M)	594.14	26.25
28 46 21 17-1269		LCD Display Annunciators <small>(28 46 21 17-0982)</small>		
28 46 21 17-1270	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	682.37	78.74
28 46 21 17-1271	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	942.60	78.74
28 46 21 17-1272	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	974.36	78.74
28 46 21 17-1273	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	662.12	26.25
28 46 21 17-1274	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	355.44	26.25
28 46 21 17-1275	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	857.88	26.25
28 46 21 17-1276		ONYX ACM And AEM Series LED Annunciators <small>(28 46 21 17-0982)</small>		
28 46 21 17-1277	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	391.80	26.25
28 46 21 17-1278	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	677.94	26.25
28 46 21 17-1279	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	521.80	26.25
28 46 21 17-1280	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	677.94	26.25
28 46 21 17-1281	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	521.80	26.25
28 46 21 17-1282	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	521.80	26.25
28 46 21 17-1283	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	468.87	26.25
28 46 21 17-1284	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	521.80	26.25
28 46 21 17-1285	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	468.87	26.25
28 46 21 17-1286		Graphic Annunciator - Lamp Driver Modules <small>(28 46 21 17-0982)</small>		
28 46 21 17-1287	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	233.79	52.49
28 46 21 17-1288	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	252.31	52.49
28 46 21 17-1289	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	292.67	65.62
28 46 21 17-1290	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	316.48	65.62
28 46 21 17-1291	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	503.06	91.86
28 46 21 17-1292	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	89.28	15.75
28 46 21 17-1293	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	158.36	52.49
28 46 21 17-1294	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	127.86	13.12
28 46 21 17-1295	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	192.32	52.49
28 46 21 17-1296	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	328.83	65.62
28 46 21 17-1297	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	235.05	13.12
28 46 21 17-1298	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	526.88	91.86
28 46 21 17-1299	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	394.11	15.75
28 46 21 17-1300	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	156.65	21.00
28 46 21 17-1301	EA	Annunciator Key Switch (Notifier AKS-1B)	76.34	7.87
28 46 21 17-1302	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	89.98	26.25
28 46 21 17-1303	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	468.87	26.25
28 46 21 17-1304	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	143.80	5.25
28 46 21 17-1305	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	179.22	5.25
28 46 21 17-1306	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	388.59	26.25
28 46 21 17-1307	EA	Lamp Driver Module (Notifier LDM-R32)	704.07	26.25
28 46 21 17-1308	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	653.73	26.25
28 46 21 17-1309	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	182.02	5.25
28 46 21 17-1310	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	152.68	15.75
28 46 21 17-1311	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	95.82	15.75
28 46 21 17-1312	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	95.82	15.75
28 46 21 17-1313		Network Gateways <small>(28 46 21 17-0982)</small>		
28 46 21 17-1314	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	2,615.93	26.25
28 46 21 17-1315	EA	PC Version, Receivers Gateway (Notifier DACR-GW)	2,047.31	26.25
28 46 21 17-1316	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	1,954.10	26.25
28 46 21 17-1317	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,187.14	26.25
28 46 21 17-1318	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,429.50	26.25
28 46 21 17-1319	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	1,860.88	26.25
28 46 21 17-1320	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	1,907.49	26.25
28 46 21 17-1321	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,145.19	26.25
28 46 21 17-1322	EA	Modbus Gateway (Notifier MODBUS-GW)	2,047.31	26.25
28 46 21 17-1323	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,492.91	17.32
28 46 21 17-1324	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	3,713.10	17.32
28 46 21 17-1325	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	11,767.90	17.32
28 46 21 17-1326	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	488.89	39.37
28 46 21 17-1327	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	885.06	39.37
28 46 21 17-1328	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	1,285.89	39.37
28 46 21 17-1329	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	978.77	
28 46 21 17-1330	EA	Non UL Listed Applications, Mass Notification Voice Paging (Notifier NOTIFY-IP-NOUL)	978.77	
28 46 21 17-1331	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	1,940.31	26.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1332	EA		NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,940.31	26.25
28 46 21 17-1333	EA		High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	2,979.47	26.25
28 46 21 17-1334	EA		High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	3,473.52	26.25
28 46 21 17-1335	EA		High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	2,979.47	26.25
28 46 21 17-1336	EA		NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,940.31	26.25
28 46 21 17-1337	EA		E-Mail Option For ONYXworks (Notifier ONYX-NOTIFY)	978.77	
28 46 21 17-1338	EA		Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	978.77	
28 46 21 17-1339	EA		ONYXWorks Workstation (Notifier ONYXWORKS-WS)	18,832.45	629.91
28 46 21 17-1340	EA		Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW)	3,938.61	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 21 17-1341	EA		Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF)	3,938.61	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 21 17-1342	EA		Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	911.94	26.25
28 46 21 17-1343	EA		Wire, Standard Network Repeater Board (Notifier RPT-W)	741.36	26.25
28 46 21 17-1344	EA		Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	887.71	26.25
28 46 21 17-1345	EA		Signaling Line Circuit Integration Module (Notifier SLC-IM)	979.99	26.25
28 46 21 17-1346	EA		VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,047.31	26.25
28 46 21 17-1347	EA		Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	1,693.09	26.25
28 46 21 17-1348	EA		Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3)	1,864.32	
28 46 21 17-1349			NOTI-FIRE-NET Network Components <small>(28 46 21 17-0982)</small>		
28 46 21 17-1350	EA		Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	1,940.31	26.25
28 46 21 17-1351	EA		Fiber Optic Network Communications Module (Notifier NCM-F)	870.25	26.25
28 46 21 17-1352	EA		NOTI-FIRE-NET Web Server (Notifier NWS)	1,940.31	26.25
28 46 21 17-1353	EA		Wired Network Communications Module (Notifier NCM-W)	829.67	26.25
28 46 21 17-1354	EA		Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	86.56	13.12
28 46 21 17-1355			FireWarden Addressable Fire Panels <small>(28 46 21 17-0982)</small>		
28 46 21 17-1356	EA		50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,892.31	524.93
28 46 21 17-1357	EA		Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	2,205.48	524.93
28 46 21 17-1358	EA		Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,270.98	262.46
28 46 21 17-1359	EA		Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,270.98	262.46
28 46 21 17-1360	EA		Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,270.98	262.46
28 46 21 17-1361			FireWarden Accessories <small>(28 46 21 17-0982)</small>		
28 46 21 17-1362	EA		Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	171.02	39.37
28 46 21 17-1363	EA		Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	170.09	39.37
28 46 21 17-1364			FireWarden Devices <small>(28 46 21 17-0982)</small>		
28 46 21 17-1365	EA		SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	123.06	26.25
28 46 21 17-1366	EA		Intelligent Addressable Control Module (Notifier NC-100)	144.23	26.25
28 46 21 17-1367	EA		Intelligent Addressable Relay Module (Notifier NC-100R)	138.94	26.25
28 46 21 17-1368	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	301.51	39.37
28 46 21 17-1369	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	359.88	39.37
28 46 21 17-1370	EA		Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	138.94	26.25
28 46 21 17-1371	EA		Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	147.55	39.37
28 46 21 17-1372	EA		Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	147.55	39.37
28 46 21 17-1373	EA		Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	147.55	39.37
28 46 21 17-1374	EA		Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	193.42	39.37
28 46 21 17-1375	EA		Intelligent Addressable Monitor Module (Notifier NMM-100)	121.30	26.25
28 46 21 17-1376	EA		Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	111.15	26.25
28 46 21 17-1377	EA		Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	160.55	26.25
28 46 21 17-1378	EA		Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	153.72	39.37
28 46 21 17-1379	EA		Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	178.64	26.25
28 46 21 17-1380	EA		Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	606.49	26.25
28 46 21 17-1381			SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories <small>(28 46 21 17-0982)</small>		
28 46 21 17-1382	EA		120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,280.96	419.94
28 46 21 17-1383	EA		120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,394.76	419.94
28 46 21 17-1384	EA		240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFB-2402E)	991.01	131.23
28 46 21 17-1385	EA		240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFB-2404E)	1,111.26	131.23
28 46 21 17-1386	EA		Class A Converter Module (Notifier CAC-4)	321.88	26.25
28 46 21 17-1387	EA		Optional Internal Dress Panel For SFB-2402 And SFB-2404 Only (Notifier DP-3-B)	109.80	15.75
28 46 21 17-1388	EA		Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	111.67	15.75
28 46 21 17-1389	EA		Remote Zone Annunciator (Notifier RZA-4X)	166.36	39.37
28 46 21 17-1390			SFP-5UD 5 Zone Control Panels And Accessories <small>(28 46 21 17-0982)</small>		
28 46 21 17-1391	EA		120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	1,927.60	524.93
28 46 21 17-1392	EA		120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	2,991.66	393.70

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MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 46 21 17-1393	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE).....	1,977.35		262.46
28 46 21 17-1394	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR).....	1,977.35		262.46
28 46 21 17-1395	EA	Class A Converter Module (Notifier N-CAC-5X)	321.88		26.25
28 46 21 17-1396	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	129.38		15.75
28 46 21 17-1397		SFP-10UD 10 Zone Control Panels And Accessories <small>(28 46 21 17-0982)</small>			
28 46 21 17-1398	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	3,698.36		524.93
28 46 21 17-1399	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	2,767.01		393.70
28 46 21 17-1400	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD).....	2,174.60		524.93
28 46 21 17-1401	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR).....	3,291.94		524.93
28 46 21 17-1402	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	535.04		78.74
28 46 21 17-1403		Smoke Detectors <small>(28 46 21 17-0982)</small>			
28 46 21 17-1404	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	205.77		39.37
28 46 21 17-1405	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	334.57		39.37
28 46 21 17-1406	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	856.97		39.37
28 46 21 17-1407	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851)	169.60		39.37
28 46 21 17-1408	EA	Remote Test Capable, Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851R).....	177.55		39.37
28 46 21 17-1409	EA	Intelligent Addressable Thermal Detector (Notifier FST-851)	143.14		39.37
28 46 21 17-1410	EA	Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H).....	143.14		39.37
28 46 21 17-1411	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R).....	143.14		39.37
28 46 21 17-1412	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	160.77		39.37
		Note: For use with DNR(W) duct detector housing.			
28 46 21 17-1413	EA	Filters For Harsh Detector (Notifier RF-FTX)	19.51		
28 46 21 17-1414	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	125.49		26.25
28 46 21 17-1415		Pull Stations <small>(28 46 21 17-0982)</small>			
28 46 21 17-1416	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	27.28		5.25
28 46 21 17-1417	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2).....	59.81		13.12
28 46 21 17-1418	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	59.81		13.12
28 46 21 17-1419	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	84.65		26.25
28 46 21 17-1420	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	91.64		26.25
28 46 21 17-1421	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS).....	119.14		26.25
28 46 21 17-1422	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R).....	84.65		26.25
28 46 21 17-1423	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	94.90		26.25
28 46 21 17-1424	EA	Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	94.90		26.25
28 46 21 17-1425	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	94.90		26.25
28 46 21 17-1426	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	90.71		26.25
28 46 21 17-1427	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R).....	96.77		26.25
28 46 21 17-1428	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL).....	645.59		31.50
28 46 21 17-1429	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S).....	77.78		26.25
28 46 21 17-1430	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12).....	98.01		26.25
28 46 21 17-1431	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L).....	88.88		26.25
28 46 21 17-1432	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB).....	190.90		31.50
28 46 21 17-1433	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS).....	119.61		26.25
28 46 21 17-1434	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	106.09		26.25
28 46 21 17-1435	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	161.44		26.25
28 46 21 17-1436	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	41.26		5.25
28 46 21 17-1437		Rate Compensation Heat Detectors <small>(28 46 21 17-0982)</small>			
28 46 21 17-1438	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135).....	156.37		39.37
28 46 21 17-1439	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194).....	156.37		39.37
28 46 21 17-1440		FM Series Door Releases <small>(28 46 21 17-0982)</small>			
28 46 21 17-1441	EA	1/2" Door Holder Spacer (Notifier FM900-50).....	26.34		7.87
28 46 21 17-1442	EA	3/4" Door Holder Spacer (Notifier FM900-75).....	26.34		7.87
28 46 21 17-1443	EA	1" Door Holder Spacer (Notifier FM900-100).....	26.34		7.87
28 46 21 17-1444	EA	Door Holder Extension Kit (Notifier FM900).....	27.66		7.87
28 46 21 17-1445	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z).....	28.10		7.87
28 46 21 17-1446	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	185.48		39.37
28 46 21 17-1447	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996).....	163.43		39.37
28 46 21 17-1448	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	163.43		39.37
28 46 21 17-1449		Multicriteria Fire Detector <small>(28 46 21 17-0982)</small>			
28 46 21 17-1450	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	283.82		39.37
28 46 21 17-1451	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851).....	263.31		39.37
		Note: Detects fire, thermal, photo, CO and IR, with Flashscan.			
28 46 21 17-1452	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector With Built-In 135°F Fixed Temperature Thermal Device (Notifier FSP-851T).....	175.68		39.37
28 46 21 17-1453		Modules <small>(28 46 21 17-0982)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1454	EA		Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	316.29	26.25
28 46 21 17-1455	EA		Addressable Firephone Control Module (Notifier FTM-1).....	190.45	26.25
28 46 21 17-1456			DH Series Door Releases (28 46 21 17-0982)		
28 46 21 17-1457	EA		Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	166.36	39.37
28 46 21 17-1458	EA		Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB).....	176.06	39.37
28 46 21 17-1459	EA		Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	185.94	39.37
28 46 21 17-1460	EA		Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC).....	183.14	39.37
28 46 21 17-1461	EA		Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	191.53	39.37
28 46 21 17-1462	EA		Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	198.06	39.37
28 46 21 17-1463	EA		Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC).....	166.36	39.37
28 46 21 17-1464	EA		Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB).....	175.68	39.37
28 46 21 17-1465	EA		Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	185.94	39.37
28 46 21 17-1466	EA		Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1).....	208.31	39.37
28 46 21 17-1467	EA		Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1).....	221.36	39.37
28 46 21 17-1468	EA		Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1).....	236.28	39.37
28 46 21 17-1469	EA		Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2).....	240.00	39.37
28 46 21 17-1470	EA		Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2).....	254.92	39.37
28 46 21 17-1471	EA		Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2).....	273.56	39.37
28 46 21 17-1472	EA		.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC).....	19.45	5.25
28 46 21 17-1473	EA		.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B).....	19.45	5.25
28 46 21 17-1474	EA		.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D).....	20.94	5.25
28 46 21 17-1475	EA		1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC).....	19.45	5.25
28 46 21 17-1476	EA		1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B).....	19.45	5.25
28 46 21 17-1477	EA		1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D).....	20.94	5.25
28 46 21 17-1478	EA		1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC).....	20.57	5.25
28 46 21 17-1479	EA		1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC).....	20.57	5.25
28 46 21 17-1480	EA		1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	20.94	5.25
28 46 21 17-1481	EA		1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D).....	22.06	5.25
28 46 21 17-1482	EA		2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC).....	22.06	5.25
28 46 21 17-1483	EA		2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC).....	22.06	5.25
28 46 21 17-1484	EA		2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B).....	22.62	5.25
28 46 21 17-1485	EA		2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D).....	22.99	5.25
28 46 21 17-1486	EA		3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC).....	22.99	5.25
28 46 21 17-1487	EA		3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B).....	24.11	5.25
28 46 21 17-1488	EA		3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D).....	24.11	5.25
28 46 21 17-1489	EA		4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC).....	24.48	5.25
28 46 21 17-1490	EA		4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC).....	24.48	5.25
28 46 21 17-1491	EA		4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB).....	25.41	5.25
28 46 21 17-1492	EA		4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	28.21	5.25
28 46 21 17-1493	EA		5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC).....	25.41	5.25
28 46 21 17-1494	EA		5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B).....	26.53	5.25
28 46 21 17-1495	EA		5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	28.21	5.25
28 46 21 17-1496	EA		Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC).....	27.50	7.87
28 46 21 17-1497	EA		Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPCB).....	28.24	7.87
28 46 21 17-1498	EA		Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPCD).....	30.66	7.87
28 46 21 17-1499	EA		Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC).....	48.00	7.87
28 46 21 17-1500	EA		Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB).....	50.99	7.87
28 46 21 17-1501	EA		Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD).....	53.97	7.87
28 46 21 17-1502	EA		Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBC).....	46.38	13.12
28 46 21 17-1503	EA		Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBCB).....	48.62	13.12
28 46 21 17-1504	EA		Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD).....	51.79	13.12
28 46 21 17-1505	EA		Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF).....	251.68	
28 46 21 17-1506	EA		Two Piece Extension Wrench (Notifier DHW).....	2.80	
28 46 21 17-1507			First Command (28 46 21 17-0982)		
28 46 21 17-1508	EA		Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100).....	5,244.94	656.16
28 46 21 17-1509	EA		Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E).....	5,244.94	656.16
28 46 21 17-1510	EA		Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA).....	1,371.44	52.49
28 46 21 17-1511	EA		Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE).....	1,371.44	52.49
28 46 21 17-1512	EA		Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA).....	2,482.58	52.49
28 46 21 17-1513	EA		Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE).....	2,482.58	52.49
28 46 21 17-1514	EA		50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt).....	541.87	26.25
28 46 21 17-1515	EA		50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt).....	541.87	26.25
28 46 21 17-1516	EA		Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4).....	370.36	26.25
28 46 21 17-1517	EA		Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6).....	518.57	26.25
28 46 21 17-1518	EA		Standalone Firefighter Telephone System (Notifier NFC-FFT).....	1,845.91	52.49
			Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.		
28 46 21 17-1519	EA		Local Operator Console (Notifier NFC-LOC).....	1,786.25	52.49
			Note: Includes built-in microphone, message and zone control switches, black.		
28 46 21 17-1520	EA		Black, Remote Microphone (Notifier NFC-RM).....	508.27	
28 46 21 17-1521	EA		Remote Page Unit (Notifier NFC-RPU).....	1,514.99	52.49
			Note: Includes built-in microphone, message control switches, black.		

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1522	EA		Remote Telephone Zone Module (Notifier NFC-RTZM)	682.63	26.25
28 46 21 17-1523	EA		70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	282.73	26.25
28 46 21 17-1524	EA		Firefighters Phone Jack (Notifier N-FPJ)	129.47	7.87
28 46 21 17-1525	EA		Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	38.12	7.87
28 46 21 17-1526	EA		Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B).....	114.46	15.75
28 46 21 17-1527			LED Displays (28 46 21 17-0982)		
28 46 21 17-1528	EA		2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,228.19	31.50
28 46 21 17-1529	EA		Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,078.81	41.99
28 46 21 17-1530	EA		4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,134.74	41.99
28 46 21 17-1531	EA		8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	1,435.62	41.99
28 46 21 17-1532	EA		16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	2,181.35	41.99
28 46 21 17-1533	EA		LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	1,826.99	41.99
28 46 21 17-1534			Control Relays (28 46 21 17-0982)		
28 46 21 17-1535	EA		Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	57.94	13.12
28 46 21 17-1536	EA		Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	46.76	13.12
28 46 21 17-1537	EA		Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	149.43	26.25
28 46 21 17-1538	EA		Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	91.50	13.12
28 46 21 17-1539	EA		Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T).....	108.28	13.12
28 46 21 17-1540	EA		24 Volt DC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C).....	134.52	26.25
28 46 21 17-1541	EA		120 Volt AC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C).....	134.52	26.25
28 46 21 17-1542	EA		Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	87.91	26.25
28 46 21 17-1543	EA		Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	50.02	13.12
28 46 21 17-1544	EA		Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	169.01	26.25
28 46 21 17-1545	EA		24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	67.40	26.25
28 46 21 17-1546	EA		12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	67.40	26.25
28 46 21 17-1547	EA		9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	67.40	26.25
28 46 21 17-1548			Gamewell-FCI Fire Control Instruments (28 46 21 17-0982)		
28 46 21 17-1549			7100 Series And NetSOLO® (28 46 21 17-1548)		
28 46 21 17-1550			7100 Compact Analog Addressable Fire Alarm Control Panels (28 46 21 17-1549)		
28 46 21 17-1551	EA		Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	860.68	314.96
28 46 21 17-1552	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	3,514.58	524.93
28 46 21 17-1553	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D).....	3,783.18	524.93
28 46 21 17-1554	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E).....	3,514.58	524.93
28 46 21 17-1555	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	3,783.18	524.93
28 46 21 17-1556	EA		Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1).....	932.54	
28 46 21 17-1557	EA		Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D).....	1,112.24	
28 46 21 17-1558	EA		Analog Loop Unit (Gamewell-FCI ALU)	1,112.24	52.49
28 46 21 17-1559			NetSOLO® Intelligent Network (28 46 21 17-1549)		
28 46 21 17-1560	EA		Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO)	1,230.46	52.49
			Note: Mounted in 7100 panel.		
28 46 21 17-1561	EA		Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP)	983.61	52.49
			Note: Mounted in 7100 panel.		
28 46 21 17-1562			Components And Accessories (28 46 21 17-1549)		
28 46 21 17-1563	EA		Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	614.05	39.37
28 46 21 17-1564	EA		Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	479.51	52.49
28 46 21 17-1565	EA		Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	854.99	52.49
28 46 21 17-1566	EA		Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	362.24	52.49
28 46 21 17-1567	EA		Enclosure Box (Gamewell-FCI EN-7100)	330.08	104.99
28 46 21 17-1568	EA		Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	877.20	26.25
28 46 21 17-1569			E3 Series® Basic System (28 46 21 17-1548)		
28 46 21 17-1570	EA		Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	853.50	52.49
28 46 21 17-1571	EA		Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	742.26	52.49
28 46 21 17-1572	EA		Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	853.50	52.49
28 46 21 17-1573	EA		Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3).....	742.26	52.49
28 46 21 17-1574	EA		LCD Keypad Display (Gamewell-FCI LCD-E3)	534.52	52.49
28 46 21 17-1575	EA		Power Supply Module (Gamewell-FCI PM-9)	691.25	52.49
28 46 21 17-1576	EA		Transponder 9 Ampere Power Supply (Gamewell-FCI PM-9 INX)	586.29	52.49
28 46 21 17-1577	EA		Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A).....	565.46	26.25
28 46 21 17-1578	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	346.02	52.49
28 46 21 17-1579	EA		Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	877.54	52.49
28 46 21 17-1580	EA		Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	740.02	52.49
28 46 21 17-1581	EA		Local Operating Console (Gamewell-FCI 1100-0455)	496.73	39.37
28 46 21 17-1582	EA		Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	1,551.99	39.37
28 46 21 17-1583	EA		70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	636.65	52.49
28 46 21 17-1584	EA		INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	1,879.87	52.49
28 46 21 17-1585	EA		8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	486.54	104.99
28 46 21 17-1586	EA		C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	373.76	104.99
28 46 21 17-1587	EA		Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	83.82	26.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1588	EA		Programmable Switch Module (Gamewell-FCI ASM-16).....	454.95	52.49
28 46 21 17-1589	EA		LED Driver module (Gamewell-FCI ANU-48).....	454.95	52.49
28 46 21 17-1590	EA		Network Graphic Annunciator (Gamewell-FCI NGA).....	1,304.00	39.37
28 46 21 17-1591			Addressable Devices, Module, Pulls And Accessories (28 46 21 17-1548)		
28 46 21 17-1592			Velociti® Series Sensors And Bases (28 46 21 17-1591)		
28 46 21 17-1593	EA		Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	156.29	39.37
28 46 21 17-1594	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	159.13	39.37
28 46 21 17-1595	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	167.64	39.37
28 46 21 17-1596	EA		Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	133.59	39.37
28 46 21 17-1597	EA		Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	138.32	39.37
28 46 21 17-1598	EA		Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	133.59	39.37
28 46 21 17-1599	EA		Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	187.50	39.37
28 46 21 17-1600	EA		Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	386.12	39.37
28 46 21 17-1601	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	344.03	65.62
28 46 21 17-1602	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	381.86	65.62
28 46 21 17-1603	EA		Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB).....	204.05	
28 46 21 17-1604	EA		Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	41.38	13.12
28 46 21 17-1605	EA		Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	414.49	39.37
28 46 21 17-1606	EA		Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	85.36	13.12
28 46 21 17-1607	EA		Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	1,434.27	78.74
28 46 21 17-1608			Velociti® Series Modules And Pull Station (28 46 21 17-1591)		
28 46 21 17-1609	EA		Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F).....	112.55	26.25
28 46 21 17-1610	EA		Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	172.60	26.25
28 46 21 17-1611	EA		Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F).....	122.00	26.25
28 46 21 17-1612	EA		Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	165.98	26.25
28 46 21 17-1613	EA		Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	140.92	26.25
28 46 21 17-1614	EA		Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	145.65	26.25
28 46 21 17-1615	EA		Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	212.33	52.49
28 46 21 17-1616	EA		Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	149.90	26.25
28 46 21 17-1617	EA		Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	24.69	5.25
28 46 21 17-1618			Components And Accessories (28 46 21 17-1591)		
28 46 21 17-1619	EA		Remote LED Annunciator Alarm (Gamewell-FCI RA400Z).....	65.63	21.00
			Note: Mounts on single gang box.		
28 46 21 17-1620	EA		Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	32.82	10.50
28 46 21 17-1621	EA		>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	34.71	10.50
28 46 21 17-1622	EA		>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	41.86	13.12
28 46 21 17-1623	EA		>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	64.60	15.75
28 46 21 17-1624	EA		Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451).....	94.95	21.00
			Note: Mounts on single gang box.		
28 46 21 17-1625			Fixed And Rate of Rise Heat Detectors (28 46 21 17-1591)		
28 46 21 17-1626	EA		135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P).....	94.82	39.37
28 46 21 17-1627	EA		194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	94.82	39.37
28 46 21 17-1628	EA		135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	94.82	39.37
28 46 21 17-1629	EA		194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	94.82	39.37
28 46 21 17-1630			NAC Expander/Power Supply (28 46 21 17-1591)		
28 46 21 17-1631	EA		FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	1,520.83	419.94
28 46 21 17-1632	EA		6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	1,341.14	419.94
28 46 21 17-1633	EA		9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,430.99	419.94
28 46 21 17-1634			Batteries And Accessories (28 46 21 17-1548)		
28 46 21 17-1635	EA		B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A).....	215.16	26.25
28 46 21 17-1636	EA		B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A).....	523.48	26.25
28 46 21 17-1637	EA		B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A).....	120.59	26.25
28 46 21 17-1638	EA		BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	276.17	52.49
28 46 21 17-1639	EA		BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	276.17	52.49
28 46 21 17-1640	EA		12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970).....	248.75	52.49
28 46 21 17-1641			Electronic Door Holders (28 46 21 17-1548)		
			Note: Rixson products.		
28 46 21 17-1642	EA		XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000).....	38.31	5.25
28 46 21 17-1643	EA		FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder (Gamewell-FCI 140-90000).....	305.72	39.37
28 46 21 17-1644	EA		FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001).....	408.81	39.37
28 46 21 17-1645	EA		FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002).....	203.01	39.37
28 46 21 17-1646	EA		FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003).....	194.50	39.37
28 46 21 17-1647	EA		FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004).....	203.01	39.37
28 46 21 17-1648	EA		FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005).....	202.64	39.37

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 21 17-1649		SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes (28 46 21 17-1548) See CSI section 28 46 21 17-1837 for devices.		
28 46 21 17-1650		SpectrAlert® Advance Accessories (28 46 21 17-1548) See CSI section 28 46 21 17-1837 for backboxes, 28 46 21 17-2102 for backboxes.		
28 46 21 17-1651		Fire Alarm Programming (28 46 21 17-1548) Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.		
28 46 21 17-1652	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 21 17-1653	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 21 17-1654	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 46 21 17-1655		Fire-Lite Fire Alarm (28 46 21 17-0981)		
28 46 21 17-1656		Addressable Control Panels (28 46 21 17-1655)		
28 46 21 17-1657	EA	25 Point Intelligent Control (Fire Lite MS-25)	1,594.21	524.93
28 46 21 17-1658	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	1,726.66	524.93
28 46 21 17-1659	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	2,455.73	524.93
28 46 21 17-1660	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	3,561.48	524.93
28 46 21 17-1661	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	3,435.10	524.93
28 46 21 17-1662	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	405.07	
28 46 21 17-1663		Silent Knight Fire Alarm (28 46 21 17-0981)		
28 46 21 17-1664	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	3,488.17	262.46
28 46 21 17-1665	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	1,467.63	157.48
28 46 21 17-1666	EA	50 Watt Amplifier (Silent Knight EVS-50W)	1,026.90	104.99
28 46 21 17-1667	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,794.89	104.99
28 46 21 17-1668	EA	Voice Evacuation System (Silent Knight SKE-450)	1,718.77	104.99
28 46 21 17-1669	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	1,433.32	104.99
28 46 21 17-1670	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	1,488.01	157.48
28 46 21 17-1671	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,101.65	104.99
28 46 21 17-1672	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	852.30	104.99
28 46 21 17-1673	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	740.89	104.99
28 46 21 17-1674	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	238.81	39.37
28 46 21 17-1675	EA	Photoelectric Detector (Silent Knight SK-PHOTO)	143.18	39.37
28 46 21 17-1676	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	149.83	39.37
28 46 21 17-1677	EA	Ionization Smoke Detector (Silent Knight SK-ION)	150.58	39.37
28 46 21 17-1678	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT)	133.38	39.37
28 46 21 17-1679	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT)	139.46	39.37
28 46 21 17-1680	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	141.70	39.37
28 46 21 17-1681	EA	Sounder Base (Silent Knight B200SR)	81.04	13.12
28 46 21 17-1682	EA	Intelligent Sounder Base (Silent Knight B200S)	85.49	13.12
28 46 21 17-1683	EA	Isolator Base (Silent Knight B224BI)	68.47	13.12
28 46 21 17-1684	EA	Relay Base (Silent Knight B224RB)	69.20	13.12
28 46 21 17-1685	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	152.91	39.37
28 46 21 17-1686	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT)	236.02	39.37
28 46 21 17-1687	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM)	791.00	39.37
28 46 21 17-1688	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	901.10	39.37
28 46 21 17-1689	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	178.58	39.37
28 46 21 17-1690	EA	Supervised Control Module (Silent Knight SK-CONTROL)	151.47	39.37
28 46 21 17-1691	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	476.36	52.49
28 46 21 17-1692	EA	Relay Control Module (Silent Knight SK-RELAY)	126.66	26.25
28 46 21 17-1693	EA	Six Relay Control Module (Silent Knight SK-RELAY-6)	461.22	52.49
28 46 21 17-1694	EA	Zone Interface Module (Silent Knight SK-ZONE)	154.33	39.37
28 46 21 17-1695	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	547.88	52.49
28 46 21 17-1696	EA	Monitor Module (Silent Knight SK-MONITOR)	135.02	39.37
28 46 21 17-1697	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	531.38	52.49
28 46 21 17-1698	EA	Monitor Module (Silent Knight SK-MINIMON)	126.89	39.37
28 46 21 17-1699	EA	Fault Isolator Module (Silent Knight SK-ISO)	139.46	39.37
28 46 21 17-1700	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	137.25	39.37
28 46 21 17-1701	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	147.74	39.37
28 46 21 17-1702	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	139.46	39.37
28 46 21 17-1703	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	98.09	13.12
28 46 21 17-1704	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	92.89	13.12
28 46 21 17-1705	EA	6" Isolator Base (Silent Knight SD505-6IB)	84.76	13.12
28 46 21 17-1706	EA	Addressable Input Module (Silent Knight SD500-AIM)	138.73	39.37
28 46 21 17-1707	EA	Addressable Notification Module (Silent Knight SD500-ANM)	167.16	39.37
28 46 21 17-1708	EA	Addressable Relay Module (Silent Knight SD500-ARM)	151.47	39.37
28 46 21 17-1709	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	557.73	78.74
28 46 21 17-1710	EA	Loop Isolation Module (Silent Knight SD500-LIM)	143.90	39.37
28 46 21 17-1711	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	111.00	26.25
28 46 21 17-1712	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	139.49	26.25
28 46 21 17-1713	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	133.78	26.25
28 46 21 17-1714	EA	Back Box (Silent Knight SK-PSSMBB)	65.87	21.00
28 46 21 17-1715	EA	Smoke Detector Module (Silent Knight SD500-SDM)	158.60	39.37
28 46 21 17-1716	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	39.79	13.12
28 46 21 17-1717	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	39.79	13.12
28 46 21 17-1718	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	245.78	39.37
28 46 21 17-1719	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	313.98	39.37
28 46 21 17-1720	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	142.43	39.37
28 46 21 17-1721	EA	Intelligent Power Module (Silent Knight 5895XL)	800.03	104.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1722	EA		Addressable Power Supply (Silent Knight 5496)	560.48	78.74
28 46 21 17-1723	EA		Relay Interface Board (Silent Knight 5883).....	212.56	26.25
28 46 21 17-1724	EA		Remote LED Annunciator (Silent Knight 5865-3).....	436.46	52.49
28 46 21 17-1725	EA		Remote LED Annunciator (Silent Knight 5865-4).....	491.21	52.49
28 46 21 17-1726	EA		Remote LCD Annunciator (Silent Knight SK-5860).....	479.33	78.74
28 46 21 17-1727	EA		Serial/Parallel Printer Interface (Silent Knight 5824).....	298.87	26.25
28 46 21 17-1728	EA		LED Input/Output Module (Silent Knight / IntelliKnight 5880)	355.19	39.37
28 46 21 17-1729	EA		Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	133.78	26.25
28 46 21 17-1730	EA		Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	460.07	78.74
28 46 21 17-1731	EA		Communicator (Silent Knight IPGSM-4G).....	649.76	52.49
28 46 21 17-1732	EA		Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208).....	1,037.77	104.99
28 46 21 17-1733	EA		10 Zone Expander (Silent Knight SK-5217).....	289.13	26.25
28 46 21 17-1734	EA		Remote Annunciator (Silent Knight SK-5235).....	302.64	52.49
28 46 21 17-1735	EA		Status Display Module (Silent Knight 5280).....	93.23	26.25
28 46 21 17-1736	EA		Serial/Parallel Module (Silent Knight 5824).....	351.37	52.49
28 46 21 17-1737	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4).....	612.97	104.99
28 46 21 17-1738	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	623.97	104.99
28 46 21 17-1739	EA		Dress Panel (Silent Knight SK-DP2/4).....	119.13	26.25
28 46 21 17-1740	EA		Class A Converter (Silent Knight SK-CAC4).....	295.89	39.37
28 46 21 17-1741	EA		Transmitter Module (Silent Knight SK-4XTM).....	165.74	39.37
28 46 21 17-1742	EA		LED Interface Module (Silent Knight SK-4XLM).....	154.33	39.37
28 46 21 17-1743	EA		110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	150.90	26.25
28 46 21 17-1744	EA		Remote Annunciator (Silent Knight SK-RZA4).....	154.33	39.37
28 46 21 17-1745	EA		Zone Relay Module (Silent Knight SK-4XZM).....	164.31	39.37
28 46 21 17-1746	EA		Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	537.32	104.99
28 46 21 17-1747	EA		Remote Battery Box Accessory Cabinet (Silent Knight RBB)	133.78	26.25
28 46 21 17-1748	EA		Manual Pull Station (single action) (Silent Knight PS-SATK)	80.10	26.25
28 46 21 17-1749	EA		Manual Pull Station (dual action) (Silent Knight PS-DATK)	85.62	26.25
28 46 21 17-1750	EA		Manual Pull Station (dual action) (Silent Knight PS-DA)	84.07	26.25
28 46 21 17-1751	EA		Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH).....	76.51	26.25
28 46 21 17-1752	EA		Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	157.12	31.50
28 46 21 17-1753	EA		6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495).....	528.85	78.74
28 46 21 17-1754	EA		9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499).....	589.37	78.74
28 46 21 17-1755	EA		Detector (Silent Knight IDP-PhotoR).....	194.17	39.37
28 46 21 17-1756	EA		Monitoring Module (Silent Knight IDP).....	194.28	39.37
28 46 21 17-1757	EA		Cabinet (Silent Knight SK-5207)	278.99	78.74
28 46 21 17-1758	EA		Innovair IDP-Product (Silent Knight Innovair IDP-Pduct)	356.27	26.25
28 46 21 17-1759	EA		I/O Input-Output Module (Silent Knight SK-2880).....	477.77	26.25
28 46 21 17-1760	EA		Remote Annunciator (Silent Knight RA-2000).....	1,372.58	78.74
28 46 21 17-1761	EA		Power Supply (Silent Knight 5195/96)	842.31	26.25
28 46 21 17-1762	EA		8 Zone Expander (Silent Knight SK-5210)	660.04	26.25
28 46 21 17-1763	EA		LCD Remote Annunciator (Silent Knight SK-5230).....	288.72	52.49
28 46 21 17-1764	EA		Ionization Smoke Detector (Silent Knight SK-ION).....	150.58	39.37
28 46 21 17-1765	EA		Addressable Relay Module (Silent Knight IDP-Relay)	169.87	39.37
28 46 21 17-1766	EA		Telephone Line Monitor (Silent Knight SK-7150).....	107.17	26.25
28 46 21 17-1767	EA		Serial Driver Board (Silent Knight SK-2884).....	187.37	26.25
28 46 21 17-1768	EA		Smoke Detector Base (Silent Knight IDP-6AB).....	56.63	13.12
28 46 21 17-1769	EA		Mini Input Module (Silent Knight IDP-MINIMON)	143.62	26.25
28 46 21 17-1770	EA		Status Display Module (Silent Knight SK-4180).....	489.93	26.25
28 46 21 17-1771	EA		8-Channel Digital Communicator (Silent Knight SK-1420).....	295.51	26.25
28 46 21 17-1772	EA		Serial Parallel Module (Silent Knight SK-4824).....	271.21	26.25
28 46 21 17-1773	EA		Power Supply (Silent Knight SK-5197 / SK-5198)	963.81	26.25
28 46 21 17-1774	EA		4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204).....	1,668.09	104.99
28 46 21 17-1775	EA		Intelligent Ionization Smoke Detector (Silent Knight IDP-ION).....	200.25	39.37
28 46 21 17-1776	EA		Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	169.87	39.37
28 46 21 17-1777	EA		Fire Slave Communicator Dialer (Silent Knight SK-5128).....	317.45	26.25
28 46 21 17-1778	EA		Intelligent Power Module (with cabinet) (Silent Knight SK-5496).....	560.48	78.74
28 46 21 17-1779			Alerton <small>(28 46 21 17)</small>		
28 46 21 17-1780	EA		UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	453.87	7.87
28 46 21 17-1781			Cooper Fire Alarm <small>(28 46 21 17)</small>		
28 46 21 17-1782	EA		Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R).....	164.35	26.25
28 46 21 17-1783	EA		Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001).....	2,655.48	44.62
28 46 21 17-1784	EA		Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	3,484.42	44.62
28 46 21 17-1785	EA		Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	1,295.36	52.49
28 46 21 17-1786	EA		Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	1,302.82	52.49
28 46 21 17-1787	EA		Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	1,302.82	52.49
28 46 21 17-1788	EA		Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001).....	972.83	52.49
28 46 21 17-1789	EA		Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003).....	972.83	52.49
28 46 21 17-1790	EA		Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004).....	972.83	52.49
28 46 21 17-1791	EA		Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005).....	1,302.82	52.49
28 46 21 17-1792	EA		Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	1,302.82	52.49
28 46 21 17-1793	EA		Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007).....	1,302.82	52.49

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1794	EA		Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	1,302.82	52.49
28 46 21 17-1795	EA		Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	1,302.82	52.49
28 46 21 17-1796	EA		Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	1,495.77	52.49
28 46 21 17-1797	EA		Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	1,391.37	52.49
28 46 21 17-1798	EA		Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	1,391.37	52.49
28 46 21 17-1799	EA		Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	1,391.37	52.49
28 46 21 17-1800			Light Engineered Displays Message Boards (28 46 21 17)		
28 46 21 17-1801	EA		Two Message Sign, "Announcement" And "Evacuate" (LED SP-2/MNS)	477.80	31.50
28 46 21 17-1802	EA		Four Message Sign, "Fire", "Weather", "Announcement", "E Voltuate" (LED SP-4)	580.34	31.50
28 46 21 17-1803			STI Fire Alarm (28 46 21 17)		
28 46 21 17-1804	EA		Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100)	130.55	15.75
			Note: Includes 9 Volt DC self contained battery.		
28 46 21 17-1805	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	142.10	15.75
28 46 21 17-1806	EA		Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	85.58	15.75
28 46 21 17-1807	EA		Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D)	86.28	15.75
			Note: For surface mounted horn strobes.		
28 46 21 17-1808	EA		Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	77.18	15.75
28 46 21 17-1809	EA		Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)	86.28	15.75
			Note: For surface mounted strobe.		
28 46 21 17-1810	EA		Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	70.35	15.75
28 46 21 17-1811	EA		NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	159.60	15.75
28 46 21 17-1812	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230)	107.80	15.75
			Note: For surface mounted pull stations.		
28 46 21 17-1813	EA		Backplate For Polycarbonate Cover (STI-1280)	53.62	15.75
28 46 21 17-1814	EA		Conduit Gasket For Polycarbonate Cover (STI-3003)	39.90	15.75
28 46 21 17-1815	EA		Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	54.39	15.75
28 46 21 17-1816	EA		Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	120.05	15.75
28 46 21 17-1817	EA		8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	100.10	15.75
28 46 21 17-1818	EA		Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	74.90	15.75
28 46 21 17-1819	EA		Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	71.05	15.75
28 46 21 17-1820	EA		Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	68.78	15.75
28 46 21 17-1821	EA		Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	71.05	15.75
28 46 21 17-1822	EA		Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	68.78	15.75
28 46 21 17-1823	EA		Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	71.05	15.75
28 46 21 17-1824	EA		Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	68.78	15.75
28 46 21 17-1825	EA		Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	131.25	15.75
28 46 21 17-1826	EA		White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	64.19	15.75
28 46 21 17-1827	EA		Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	71.58	15.75
28 46 21 17-1828	EA		Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	95.55	15.75
28 46 21 17-1829	EA		Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	95.55	15.75
28 46 21 17-1830	EA		White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	70.35	15.75
28 46 21 17-1831	EA		Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	70.35	15.75
28 46 21 17-1832	EA		White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	64.19	15.75
28 46 21 17-1833	EA		Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	70.35	15.75
28 46 21 17-1834	EA		White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	70.35	15.75
28 46 21 17-1835	EA		Yellow, "High Threat", Push Button Station (STI SS-2201)	79.84	7.87
28 46 21 17-1836	EA		Gasket Kit For STI Covers (STI SUB-121)	36.02	
28 46 21 17-1837			System Sensor Fire Alarm (28 46 21 17)		
28 46 21 17-1838			Smoke Detectors (28 46 21 17-1837)		
28 46 21 17-1839	EA		Beam Detector Heater Kit (System Sensor BEAMHK)	47.79	5.25
28 46 21 17-1840	EA		Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR)	192.27	5.25
			Note: Four used with long range kit.		
28 46 21 17-1841	EA		Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	246.68	52.49
28 46 21 17-1842	EA		Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	184.22	52.49
28 46 21 17-1843	EA		Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	152.53	52.49
28 46 21 17-1844	EA		Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	136.08	39.37
28 46 21 17-1845	EA		Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	141.19	39.37
28 46 21 17-1846	EA		Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	142.26	39.37
28 46 21 17-1847	EA		Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	138.07	39.37
28 46 21 17-1848	EA		Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	150.52	39.37
28 46 21 17-1849	EA		Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	145.34	39.37
28 46 21 17-1850	EA		Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	179.41	39.37
28 46 21 17-1851	EA		Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	106.56	26.25
28 46 21 17-1852	EA		Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T)	119.61	26.25
			Note: Requires B100 series base.		
28 46 21 17-1853	EA		Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	220.14	13.12
28 46 21 17-1854	EA		Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	77.52	13.12
28 46 21 17-1855			Duct Smoke Detectors (28 46 21 17-1837)		
28 46 21 17-1856	EA		Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	286.84	39.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1857	EA		Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120).....	289.87	39.37
28 46 21 17-1858	EA		Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W).....	371.92	44.62
28 46 21 17-1859	EA		Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S).....	188.59	26.25
28 46 21 17-1860	EA		Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL).....	51.17	7.87
28 46 21 17-1861	EA		Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR).....	156.67	21.00
28 46 21 17-1862	EA		Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW).....	252.74	26.25
28 46 21 17-1863	EA		1' Steel Sampling Tube (System Sensor DST1).....	31.25	10.50
28 46 21 17-1864	EA		1.5' Steel Sampling Tube (System Sensor DST1.5).....	33.58	10.50
28 46 21 17-1865	EA		3' Steel Sampling Tube (System Sensor DST3).....	38.24	10.50
28 46 21 17-1866	EA		5' Steel Sampling Tube (System Sensor DST5).....	44.33	13.12
28 46 21 17-1867	EA		10' Steel Sampling Tube (System Sensor DST10).....	70.42	15.75
28 46 21 17-1868	EA		1", Steel, Exhaust Tube Duct (System Sensor ETX).....	34.52	10.50
28 46 21 17-1869	EA		Remote Test Station For Duct Smoke Detector (System Sensor RTS151).....	78.22	13.12
28 46 21 17-1870	EA		Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2).....	163.13	
28 46 21 17-1871	EA		Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B).....	175.25	
28 46 21 17-1872 Heat Detectors (28 46 21 17-1837)					
28 46 21 17-1873	EA		Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P).....	97.27	39.37
28 46 21 17-1874	EA		Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602).....	97.27	39.37
28 46 21 17-1875	EA		Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621).....	111.38	39.37
28 46 21 17-1876	EA		Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622).....	111.38	39.37
28 46 21 17-1877 Horns (28 46 21 17-1837)					
28 46 21 17-1878	EA		Red, Mini Horn (System Sensor MHR).....	104.37	39.37
28 46 21 17-1879	EA		White, Mini Horn (System Sensor MHW).....	104.37	39.37
28 46 21 17-1880	EA		White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL).....	102.05	39.37
28 46 21 17-1881	EA		Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R).....	131.19	44.62
28 46 21 17-1882	EA		Red, Interior, Wall Mounted, Horn (System Sensor HRL).....	102.05	39.37
28 46 21 17-1883	EA		Red, Outdoor, Wall Mounted, Horn (System Sensor HRK).....	136.08	39.37
28 46 21 17-1884 Wall Mounted Horns/Strobes (28 46 21 17-1837)					
28 46 21 17-1885	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL).....	131.24	39.37
28 46 21 17-1886	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH).....	155.18	39.37
28 46 21 17-1887	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK).....	197.37	44.62
28 46 21 17-1888	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P).....	197.37	44.62
28 46 21 17-1889	EA		Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120).....	211.35	44.62
28 46 21 17-1890	EA		Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK).....	186.65	44.62
28 46 21 17-1891	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P).....	191.78	44.62
28 46 21 17-1892	EA		Outdoor, Red, . Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R).....	167.30	39.37
28 46 21 17-1893	EA		Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P).....	128.79	39.37
28 46 21 17-1894	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL).....	131.24	39.37
28 46 21 17-1895	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH).....	156.11	39.37
28 46 21 17-1896	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK).....	197.37	44.62
28 46 21 17-1897	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P).....	197.37	44.62
28 46 21 17-1898	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P).....	155.18	39.37
28 46 21 17-1899	EA		Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK).....	191.78	44.62
28 46 21 17-1900	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P).....	191.78	44.62
28 46 21 17-1901	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P).....	128.26	39.37
28 46 21 17-1902	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL).....	153.29	39.37
28 46 21 17-1903	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH).....	167.84	39.37
28 46 21 17-1904	EA		Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK).....	193.33	44.62
28 46 21 17-1905	EA		Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R).....	188.05	44.62
28 46 21 17-1906	EA		White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL).....	153.29	39.37
28 46 21 17-1907	EA		Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK).....	193.64	44.62
28 46 21 17-1908	EA		Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK).....	199.23	44.62
28 46 21 17-1909 Ceiling Mounted Horns/Strobes (28 46 21 17-1837)					

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
28 46 21 17-1910	EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	132.99	39.37
28 46 21 17-1911	EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	157.04	39.37
28 46 21 17-1912	EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	197.37	44.62
28 46 21 17-1913	EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	191.78	44.62
28 46 21 17-1914	EA Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	150.52	39.37
28 46 21 17-1915	EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	132.99	39.37
28 46 21 17-1916	EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	157.04	39.37
28 46 21 17-1917	EA Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	197.37	44.62
28 46 21 17-1918	EA Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	157.04	39.37
28 46 21 17-1919	EA Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	191.78	44.62
28 46 21 17-1920	EA Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	149.58	39.37
28 46 21 17-1921	EA Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	154.16	39.37
28 46 21 17-1922	EA Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	167.84	39.37
28 46 21 17-1923	EA White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	154.16	39.37
28 46 21 17-1924	Wall Mounted Strobes <small>(28 46 21 17-1837)</small>		
28 46 21 17-1925	EA White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	57.94	13.12
28 46 21 17-1926	EA White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	106.42	13.12
28 46 21 17-1927	EA Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR)	132.55	39.37
28 46 21 17-1928	EA Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	144.90	39.37
28 46 21 17-1929	EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	174.81	44.62
28 46 21 17-1930	EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	173.05	44.62
28 46 21 17-1931	EA Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	177.80	44.62
28 46 21 17-1932	EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	157.29	44.62
28 46 21 17-1933	EA Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR-P)	135.60	39.37
28 46 21 17-1934	EA White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW)	135.60	39.37
28 46 21 17-1935	EA White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-ALERT)	145.86	39.37
28 46 21 17-1936	EA White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-CLR-ALERT)	143.06	39.37
28 46 21 17-1937	EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	148.65	39.37
28 46 21 17-1938	EA White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	147.72	39.37
28 46 21 17-1939	EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	147.72	39.37
28 46 21 17-1940	EA Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	179.66	44.62
28 46 21 17-1941	EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	179.66	44.62
28 46 21 17-1942	EA White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	179.66	44.62
28 46 21 17-1943	EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	161.02	44.62
28 46 21 17-1944	EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	177.80	44.62
28 46 21 17-1945	EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	177.80	44.62
28 46 21 17-1946	EA White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-P)	134.67	39.37
28 46 21 17-1947	EA Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	20.75	5.25
28 46 21 17-1948	EA Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	20.75	5.25
28 46 21 17-1949	EA Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	20.75	5.25
28 46 21 17-1950	EA Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	20.75	5.25

28 46 21 17-1951 Ceiling Mounted Strobes (28 46 21 17-1837)

28 46 21 17-1952	EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	122.49	39.37
28 46 21 17-1953	EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	146.67	39.37
28 46 21 17-1954	EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	174.81	44.62
28 46 21 17-1955	EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	174.81	44.62

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-1956	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL).....	122.49	39.37
28 46 21 17-1957	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT).....	129.49	39.37
28 46 21 17-1958	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH).....	150.52	39.37
28 46 21 17-1959	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK).....	179.66	44.62
28 46 21 17-1960	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK).....	177.80	44.62
28 46 21 17-1961	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P).....	136.53	39.37
28 46 21 17-1962	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC).....	20.75	5.25
28 46 21 17-1963	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC).....	20.75	5.25
28 46 21 17-1964	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC).....	20.75	5.25
28 46 21 17-1965	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC).....	20.75	5.25
28 46 21 17-1966	Wall Mounted Speakers <small>(28 46 21 17-1837)</small>			
28 46 21 17-1967	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V).....	310.85	39.37
28 46 21 17-1968	EA	Red, Wall Mounted Speaker (System Sensor SPRL).....	106.39	39.37
28 46 21 17-1969	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK).....	163.10	39.37
28 46 21 17-1970	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R).....	144.70	44.62
28 46 21 17-1971	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV).....	122.85	39.37
28 46 21 17-1972	EA	White, Wall Mounted Speaker (System Sensor SPW).....	115.09	39.37
28 46 21 17-1973	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK).....	173.60	44.62
28 46 21 17-1974	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV).....	125.35	39.37
28 46 21 17-1975	Ceiling Mounted Speakers <small>(28 46 21 17-1837)</small>			
28 46 21 17-1976	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL).....	104.46	39.37
28 46 21 17-1977	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK).....	158.58	39.37
28 46 21 17-1978	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCR).....	122.85	39.37
28 46 21 17-1979	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL).....	106.04	39.37
28 46 21 17-1980	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV).....	125.35	39.37
28 46 21 17-1981	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK).....	173.60	44.62
28 46 21 17-1982	Wall Mounted Speakers/Strobes <small>(28 46 21 17-1837)</small>			
28 46 21 17-1983	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL).....	103.60	13.12
28 46 21 17-1984	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL).....	55.58	13.12
28 46 21 17-1985	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL).....	159.24	39.37
28 46 21 17-1986	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH).....	178.42	39.37
28 46 21 17-1987	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK).....	233.91	44.62
28 46 21 17-1988	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P).....	242.11	44.62
28 46 21 17-1989	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R).....	208.56	44.62
28 46 21 17-1990	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR-P).....	173.82	39.37
28 46 21 17-1991	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV).....	173.13	39.37
28 46 21 17-1992	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT).....	159.94	39.37
28 46 21 17-1993	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT).....	245.84	44.62
28 46 21 17-1994	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL).....	159.24	39.37
28 46 21 17-1995	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH).....	184.07	39.37
28 46 21 17-1996	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P).....	184.07	39.37
28 46 21 17-1997	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK).....	242.11	44.62
28 46 21 17-1998	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P).....	242.11	44.62
28 46 21 17-1999	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-P).....	173.82	39.37
28 46 21 17-2000	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV).....	178.48	39.37
28 46 21 17-2001	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P).....	178.48	39.37
28 46 21 17-2002	Ceiling Mounted Speakers/Strobes <small>(28 46 21 17-1837)</small>			
28 46 21 17-2003	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL).....	149.79	39.37
28 46 21 17-2004	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH).....	180.19	39.37
28 46 21 17-2005	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCR).....	173.13	39.37
28 46 21 17-2006	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL).....	149.79	39.37

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-2007	EA		White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT).....	158.54	39.37
28 46 21 17-2008	EA		White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH).....	184.07	39.37
28 46 21 17-2009	EA		White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK).....	244.91	44.62
28 46 21 17-2010	EA		White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P).....	184.07	39.37
28 46 21 17-2011	EA		White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT).....	245.84	44.62
28 46 21 17-2012	EA		White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK).....	242.11	44.62
28 46 21 17-2013	EA		White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P).....	149.79	39.37
28 46 21 17-2014	EA		White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV).....	178.48	39.37
28 46 21 17-2015	EA		White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCVH).....	184.07	39.37
28 46 21 17-2016	EA		White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCVW-P).....	178.48	39.37
28 46 21 17-2017	EA		High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH).....	183.80	39.37
28 46 21 17-2018			Electric Alarm Bells (28 46 21 17-1837)		
28 46 21 17-2019	EA		6" 24 Volt DC Alarm Bell (System Sensor SSM24-6).....	135.60	39.37
28 46 21 17-2020	EA		8" 24 Volt DC Alarm Bell (System Sensor SSM24-8).....	145.86	39.37
28 46 21 17-2021	EA		10" 24 Volt DC Alarm Bell (System Sensor SSM24-10).....	169.53	39.37
28 46 21 17-2022	EA		6" 120 Volt AC Alarm Bell (System Sensor SSV120-6).....	131.88	39.89
28 46 21 17-2023	EA		8" 120 Volt AC Alarm Bell (System Sensor SSV120-8).....	133.11	39.89
28 46 21 17-2024	EA		10" 120 Volt AC Alarm Bell (System Sensor SSV120-10).....	140.88	39.89
28 46 21 17-2025			Device Bases (28 46 21 17-1837)		
28 46 21 17-2026	EA		High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	98.03	13.12
28 46 21 17-2027	EA		Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	95.70	13.12
28 46 21 17-2028	EA		Intelligent Isolator Base (System Sensor B224BI).....	79.62	13.12
28 46 21 17-2029	EA		Intelligent Relay Base (System Sensor B224RB).....	80.78	13.12
28 46 21 17-2030	EA		Flangeless, Intelligent Detector Base (System Sensor B501).....	47.46	13.12
28 46 21 17-2031			Boxes, Plates And Decals (28 46 21 17-1837)		
28 46 21 17-2032	EA		Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP).....	41.63	13.12
28 46 21 17-2033	EA		Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP).....	76.71	15.75
28 46 21 17-2034	EA		Conventional Flanged Mounting Base (System Sensor B210LP).....	40.23	13.12
28 46 21 17-2035	EA		120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K).....	73.79	13.12
28 46 21 17-2036	EA		Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB).....	65.40	13.12
28 46 21 17-2037	EA		White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW).....	71.93	13.12
28 46 21 17-2038	EA		White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW).....	65.40	13.12
28 46 21 17-2039	EA		Red Retrofit Plate (System Sensor RFP).....	32.16	7.87
28 46 21 17-2040	EA		White Retrofit Plate (System Sensor RFPW).....	32.16	7.87
28 46 21 17-2041	EA		Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB).....	56.08	13.12
28 46 21 17-2042	EA		Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC).....	57.48	13.12
28 46 21 17-2043	EA		Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCLR).....	44.31	13.12
28 46 21 17-2044	EA		White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL).....	44.31	13.12
28 46 21 17-2045	EA		Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL).....	39.20	13.12
28 46 21 17-2046	EA		Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL).....	43.05	13.12
28 46 21 17-2047	EA		White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL).....	43.05	13.12
28 46 21 17-2048	EA		White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL).....	39.20	13.12
28 46 21 17-2049	EA		Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500).....	41.16	13.12
28 46 21 17-2050	EA		Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600).....	41.16	13.12
28 46 21 17-2051	EA		Red, Wall Mounted, Trim Ring (System Sensor TR).....	17.30	5.25
28 46 21 17-2052	EA		Red, Ceiling Mounted, Trim Ring (System Sensor TRC).....	17.30	5.25
28 46 21 17-2053	EA		White, Ceiling Mounted, Trim Ring (System Sensor TRCW).....	17.30	5.25
28 46 21 17-2054	EA		Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS).....	15.11	5.25
28 46 21 17-2055	EA		White, Wall Mounted, Trim Ring (System Sensor TRW).....	17.30	5.25
28 46 21 17-2056	EA		Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R).....	21.87	
28 46 21 17-2057	EA		Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC).....	30.27	
28 46 21 17-2058	EA		White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W).....	21.87	
28 46 21 17-2059	EA		White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC).....	30.27	
28 46 21 17-2060			Chimes (28 46 21 17-1837)		
28 46 21 17-2061	EA		Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL).....	123.19	39.37
28 46 21 17-2062	EA		White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL).....	123.19	39.37
28 46 21 17-2063			Chime/Strobes (28 46 21 17-1837)		
28 46 21 17-2064	EA		Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL).....	169.74	39.37
28 46 21 17-2065	EA		White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL).....	169.74	39.37
28 46 21 17-2066			Carbon Monoxide Detectors (28 46 21 17-1837)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-2067	EA		Conventional Carbon Monoxide Detector (System Sensor CO1224)	216.58	52.49
28 46 21 17-2068	EA		Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR).....	196.66	39.37
28 46 21 17-2069	EA		CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE).....	14.23	5.25
28 46 21 17-2070			Switches <small>(28 46 21 17-1837)</small>		
28 46 21 17-2071	EA		SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1).....	164.10	21.00
28 46 21 17-2072	EA		Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	182.75	21.00
28 46 21 17-2073	EA		SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1).....	164.10	21.00
28 46 21 17-2074	EA		Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	182.75	21.00
28 46 21 17-2075	EA		Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	167.83	21.00
28 46 21 17-2076	EA		Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	158.51	21.00
28 46 21 17-2077			Low Frequency Sounders <small>(28 46 21 17-1837)</small>		
28 46 21 17-2078	EA		Red, Low Frequency Sounder (System Sensor HR-LF)	151.45	39.37
28 46 21 17-2079	EA		White, Low Frequency Sounder (System Sensor HW-LF).....	151.45	39.37
28 46 21 17-2080			Sync Modules <small>(28 46 21 17-1837)</small>		
28 46 21 17-2081	EA		Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R).....	131.72	26.25
28 46 21 17-2082	EA		White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	131.72	26.25
28 46 21 17-2083			Relays <small>(28 46 21 17-1837)</small>		
28 46 21 17-2084	EA		Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E).....	76.20	21.00
28 46 21 17-2085	EA		SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T).....	48.99	13.12
28 46 21 17-2086	EA		4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E).....	136.24	13.12
28 46 21 17-2087	EA		4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T).....	101.06	13.12
28 46 21 17-2088	EA		Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E).....	81.51	21.00
28 46 21 17-2089	EA		DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	50.49	13.12
28 46 21 17-2090	EA		4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E).....	153.02	13.12
28 46 21 17-2091	EA		4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	114.81	13.12
28 46 21 17-2092	EA		18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1).....	43.03	13.12
28 46 21 17-2093	EA		10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2).....	43.03	13.12
28 46 21 17-2094	EA		Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	43.03	13.12
28 46 21 17-2095			Remote Annunciator <small>(28 46 21 17-1837)</small>		
28 46 21 17-2096	EA		Remote Annunciator (System Sensor RA100Z)	91.60	39.37
28 46 21 17-2097	EA		Remote LED Annunciator (System Sensor RA100ZA)	96.81	39.37
28 46 21 17-2098			Remote Test Station <small>(28 46 21 17-1837)</small>		
28 46 21 17-2099	EA		Remote Test Station With Key (System Sensor RTS151KEY).....	119.90	39.37
28 46 21 17-2100			Fire Alarm Digital Cellular Communicator <small>(28 46 21 17)</small>		
28 46 21 17-2101	EA		Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	470.63	52.49
28 46 21 17-2102			Wheelock Fire Alarm <small>(28 46 21 17)</small>		
28 46 21 17-2103			Ceiling Mounted Chimes/Strobes <small>(28 46 21 17-2102)</small>		
28 46 21 17-2104	EA		White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	240.94	39.37
28 46 21 17-2105			Wall Mounted Chimes/Strobes <small>(28 46 21 17-2102)</small>		
28 46 21 17-2106	EA		Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	240.94	39.37
28 46 21 17-2107	EA		White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW).....	240.94	39.37
28 46 21 17-2108			Ceiling Mounted Horns/Strobes <small>(28 46 21 17-2102)</small>		
28 46 21 17-2109	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC).....	154.24	39.37
28 46 21 17-2110	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	154.24	39.37
28 46 21 17-2111			Wall Mounted Horns/Strobes <small>(28 46 21 17-2102)</small>		
28 46 21 17-2112	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR).....	164.50	39.37
28 46 21 17-2113	EA		Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR).....	185.01	39.37
28 46 21 17-2114	EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	172.89	39.37
28 46 21 17-2115	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW).....	172.89	39.37
28 46 21 17-2116	EA		Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	176.62	39.37
28 46 21 17-2117	EA		Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR).....	162.74	39.37
28 46 21 17-2118	EA		Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	160.99	39.37
28 46 21 17-2119	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	177.79	44.62

28 Electronic Safety And Security**28 40 Life Safety****28 46 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 17-2120	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	154.71	39.37
28 46 21 17-2121	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW).....	154.71	39.37
28 46 21 17-2122			Ceiling Mounted Strobes (28 46 21 17-2102)		
28 46 21 17-2123	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	136.49	39.37
28 46 21 17-2124	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	136.49	39.37
28 46 21 17-2125	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC).....	141.19	39.37
28 46 21 17-2126	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	141.19	39.37
28 46 21 17-2127			Wall Mounted Strobes (28 46 21 17-2102)		
28 46 21 17-2128	EA		Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR).....	209.24	39.37
28 46 21 17-2129	EA		Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR).....	165.54	39.37
28 46 21 17-2130	EA		Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR).....	152.38	39.37
28 46 21 17-2131	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR).....	135.09	39.37
28 46 21 17-2132	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	135.09	39.37
28 46 21 17-2133	EA		Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	144.19	39.37
28 46 21 17-2134	EA		Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR).....	161.95	44.62
			Note: Requires WPSBB-R.		
28 46 21 17-2135	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	141.19	39.37
28 46 21 17-2136	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW).....	141.19	39.37
28 46 21 17-2137			Ceiling Mounted Speakers/Strobes (28 46 21 17-2102)		
28 46 21 17-2138	EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR).....	183.14	39.37
28 46 21 17-2139	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW).....	183.14	39.37
28 46 21 17-2140	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW).....	181.28	39.37
28 46 21 17-2141	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	183.14	39.37
28 46 21 17-2142	EA		White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW).....	194.79	39.37
28 46 21 17-2143	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	198.99	39.37
28 46 21 17-2144			Wall Mounted Speakers/Strobes (28 46 21 17-2102)		
28 46 21 17-2145	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR).....	200.85	39.37
28 46 21 17-2146	EA		White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	200.85	39.37
28 46 21 17-2147	EA		Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	194.79	39.37
28 46 21 17-2148	EA		White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FW).....	194.79	39.37
28 46 21 17-2149	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	183.14	39.37
28 46 21 17-2150	EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW).....	179.41	39.37
28 46 21 17-2151	EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	194.79	39.37
28 46 21 17-2152	EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	194.79	39.37
28 46 21 17-2153	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR).....	198.99	39.37
28 46 21 17-2154	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	183.14	39.37
28 46 21 17-2155	EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW).....	179.41	39.37
28 46 21 17-2156	EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	194.79	39.37
28 46 21 17-2157	EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	198.99	39.37
28 46 21 17-2158	EA		Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR).....	198.99	39.37
28 46 21 17-2159	EA		White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW).....	198.99	39.37
28 46 21 17-2160	EA		Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR).....	217.41	44.62
			Note: Requires weatherproof backbox (IOB).		
28 46 21 17-2161			Electric Alarm Bells (28 46 21 17-2102)		
28 46 21 17-2162	EA		6", 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	157.51	39.37
28 46 21 17-2163	EA		6", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	157.51	39.37
28 46 21 17-2164	EA		10", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R).....	200.85	39.37
28 46 21 17-2165	EA		115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R).....	1,311.30	44.62
28 46 21 17-2166	EA		Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R).....	2,065.42	44.62
28 46 21 17-2167	EA		Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R)	1,930.26	44.62
28 46 21 17-2168	EA		6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	129.54	39.37
28 46 21 17-2169	EA		10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R).....	151.45	39.37
28 46 21 17-2170			Horns (28 46 21 17-2102)		
28 46 21 17-2171	EA		Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R).....	116.03	39.37
28 46 21 17-2172	EA		Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR).....	115.56	39.37
28 46 21 17-2173	EA		White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	115.56	39.37
28 46 21 17-2174	EA		Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRCC).....	116.03	39.37
28 46 21 17-2175	EA		White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWCC).....	116.03	39.37

28 Electronic Safety And Security

28 40 Life Safety

28 46 Fire Detection And Alarm

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 46 21 17-2248	EA		10" Alarm Bell, 24 Volt AC (Potter PBA2410)	130.59	39.37
28 46 21 17-2249	EA		6" Alarm Bell, 120 Volt AC (Potter PBA1206)	102.18	39.37
28 46 21 17-2250	EA		8" Alarm Bell, 120 Volt AC (Potter PBA1208)	110.57	39.37
28 46 21 17-2251	EA		10" Alarm Bell, 120 Volt AC (Potter PBA12010)	117.59	39.37

28 46 21 17-2252 Manual Pull Station (28 46 21 17-2238)

28 46 21 17-2253	EA		SPST, Single Action, Manual Pull Station (Potter P32-1T)	72.56	26.25
28 46 21 17-2254	EA		DPST, Single Action, Manual Pull Station (Potter RMS-2T)	75.78	26.25
28 46 21 17-2255	EA		DPST, Single Action, Manual Pull Station (Potter RMS-6T)	111.97	26.25
28 46 21 17-2256	EA		DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	77.78	26.25
28 46 21 17-2257	EA		SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	74.39	26.25
28 46 21 17-2258	EA		SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP).....	123.29	26.25
28 46 21 17-2259	EA		SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP).....	150.29	26.25

28 46 21 17-2260 Fire Alarm Terminal Cabinets (28 46 21 17)

28 46 21 17-2261	EA		18 Point Lockable Fire Alarm Terminal Cabinet.....	180.60	52.56
28 46 21 17-2262	EA		32 Point Lockable Fire Alarm Terminal Cabinet.....	225.91	52.56
28 46 21 17-2263	EA		64 Point Lockable Fire Alarm Terminal Cabinet.....	316.51	52.56
28 46 21 17-2264	EA		128 Point Lockable Fire Alarm Terminal Cabinet.....	407.08	52.56

28 46 21 17-2265 Test And Certification (28 46 21 17)

28 46 21 17-2266	HR		Test And Certification Of Fire Alarm System	260.75	
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28 46 23 Fire Alarm Notification Appliances (28 46)

28 46 23 11 Fire Alarm Horns and Strobes (28 46 23)

See CSI section 28 46 21 17-0000 for fire alarm horns and strobes.

28 46 23 13 Fire Alarm Speakers (28 46 23)

See CSI section 28 46 21 17-0000 for fire alarm speakers.

28 47 Mass Notification (28 40)

28 47 15 Mass Notification Control Panels (28 47)

28 47 15 00-0001 Central Station Controls (28 47 15)

28 47 15 00-0002	EA		Desktop 18 Function Base Station Control/Encoder (Whelen E747)	673.51	
28 47 15 00-0003	EA		Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,092.98	
28 47 15 00-0004	EA		Desktop Central Station Control Encoder/Decoder (Whelen E2010)	2,631.05	
28 47 15 00-0005	EA		Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	835.50	26.25
28 47 15 00-0006	EA		Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	3,035.40	26.25
28 47 15 00-0007	EA		Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	471.96	26.25
28 47 15 00-0008	EA		Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	602.46	26.25

28 47 17 Notification Devices and Methods (28 47)

28 47 17 17 Notification Appliances and Methods Public Methods (28 47 17)

28 47 17 17-0001 Voice Capable Omni-Directional Speakers (28 47 17 17)

28 47 17 17-0002	EA		1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A)	8,564.93	649.77
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0003	EA		2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A)	10,355.82	678.03
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0004	EA		3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A)	15,720.12	706.28
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0005	EA		4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A)	13,937.61	734.53
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0006	EA		5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A)	20,546.12	762.78
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0007	EA		6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A)	19,173.98	791.03
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0008	EA		7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A)	26,972.13	819.29
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0009	EA		8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A)	22,895.59	847.54
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0010	EA		9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A)	24,709.78	875.78
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0011	EA		10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A)	26,500.68	904.04
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0012	EA		3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003)	18,847.72	791.03
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0013	EA		4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004)	20,056.01	819.29
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.					
28 47 17 17-0014	EA		One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL).....	411.37	26.25
28 47 17 17-0015	EA		VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	1,338.87	26.25
28 47 17 17-0016	EA		UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU).....	1,380.82	26.25
28 47 17 17-0017	EA		UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030VU).....	1,380.82	26.25
28 47 17 17-0018	EA		VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV).....	1,338.87	26.25
28 47 17 17-0019	EA		Two-Tone Sequential Option (Whelen WPSTT)	332.14	26.25
28 47 17 17-0020	EA		Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS).....	476.62	26.25
28 47 17 17-0021	EA		Landline, 10 Digit DTMF (Whelen C2030LL)	504.59	26.25
28 47 17 17-0022	EA		VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	1,782.49	26.25
28 47 17 17-0023	EA		UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU).....	1,665.13	26.25

Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows list various security equipment items with their descriptions and costs.

28 47 17 17-0058

Tone Only, Omni-Alert Sirens

Sub-table listing items for Tone Only, Omni-Alert Sirens, including descriptions like 'One Cell, Tone Only, Omni-Alert Siren' and associated costs.

28 47 17 17-0082

Tone-Only Rotating Directional Speakers

Sub-table listing items for Tone-Only Rotating Directional Speakers, including descriptions like '3 Cells, 127 dB, Tone-Only Rotating Directional Speaker' and associated costs.

28 Electronic Safety And Security

28 40 Life Safety

28 47 Mass Notification

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFASKXMOD)	602.46		26.25
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	355.44		26.25
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	313.49		26.25
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU).....	192.31		26.25
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	485.94		26.25
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	3,111.44		157.48
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	582.11		39.37
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG).....	2,077.78		
28 47 17 17-0106 Uni-Directional Rotating Speakers (28 47 17 17)					
28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET).....	9,869.96		649.77
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN).....	224.94		26.25
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	411.37		26.25
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	1,338.87		26.25
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	1,380.82		26.25
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU).....	1,380.82		26.25
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV).....	1,338.87		26.25
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	332.14		26.25
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS).....	476.62		26.25
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	504.59		26.25
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	1,665.13		26.25
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	1,665.13		26.25
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	1,665.13		26.25
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	1,665.13		26.25
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	602.46		26.25
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	355.44		26.25
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	313.49		26.25
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU).....	192.31		26.25
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	3,111.44		157.48
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB).....	485.94		26.25
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	582.11		39.37
28 47 17 17-0128 All Hazard In-Plant Personnel Warning System (28 47 17 17)					
28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400).....	5,315.19		839.88
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800).....	6,420.44		944.87
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	288.48		39.37
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	237.21		39.37
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN).....	446.94		39.37
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T).....	353.73		39.37
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	717.27		39.37
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T).....	1,095.97		44.62
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100).....	502.87		39.37
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH).....	760.40		44.62
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU).....	238.92		26.25
28 47 17 17-0140 Firehouse Siren (28 47 17 17)					
28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN).....	224.94		26.25
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	332.14		26.25
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	476.62		26.25
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	504.59		26.25
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	1,665.13		26.25
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	1,665.13		26.25
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	1,665.13		26.25
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	1,665.13		26.25
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	313.49		26.25
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	192.31		26.25
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280).....	3,111.44		157.48
Note: Two 80 watt panels, with brackets and solar regulator.					
28 47 17 17-0152 Alert Monitor And Message Display (28 47 17 17)					
28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H).....	1,227.01		26.25
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	1,227.01		26.25
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	1,227.01		26.25
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	1,227.01		26.25
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT).....	204.58		39.37
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	61.81		26.25
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA).....	102.54		
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB).....	163.13		
28 47 17 17-0161 Portable Test Set (28 47 17 17)					
28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H).....	5,592.96		
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	5,592.96		
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	5,592.96		
28 47 17 17-0165 Replacement Warning Lights (28 47 17 17)					
28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA).....	317.03		41.99
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB).....	317.03		41.99
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	317.03		41.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0169	EA		Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG).....	317.03	41.99
28 47 17 17-0170	EA		Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR).....	317.03	41.99
28 47 17 17-0171	EA		Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA).....	223.81	41.99
28 47 17 17-0172	EA		Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB).....	223.81	41.99
28 47 17 17-0173	EA		Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC).....	223.81	41.99
28 47 17 17-0174	EA		Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG).....	223.81	41.99
28 47 17 17-0175	EA		Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR).....	223.81	41.99
28 47 17 17-0176	EA		Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA).....	317.03	41.99
28 47 17 17-0177	EA		Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB).....	317.03	41.99
28 47 17 17-0178	EA		Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC).....	317.03	41.99
28 47 17 17-0179	EA		Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG).....	317.03	41.99
28 47 17 17-0180	EA		Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR).....	317.03	41.99
28 47 17 17-0181	EA		Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA).....	233.14	41.99
28 47 17 17-0182	EA		Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB).....	233.14	41.99
28 47 17 17-0183	EA		Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC).....	233.14	41.99
28 47 17 17-0184	EA		Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG).....	233.14	41.99
28 47 17 17-0185	EA		Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR).....	233.14	41.99
28 47 17 17-0186			Antenna <small>(28 47 17 17)</small>		
28 47 17 17-0187	EA		50' Antenna Cable (Honeywell Ademco 7626-50HC).....	191.17	
28 47 17 17-0188	EA		External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB).....	192.82	
28 47 17 17-0189	EA		80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000).....	8,777.01	
28 49			Electronic Personal Protection Systems <small>(28 49)</small>		
28 49 11			Electronic Personal Safety Detection Systems <small>(28 49)</small>		
28 49 11 00-0001			Personnel Alarm Locating System <small>(28 49 11)</small>		
			Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002	EA		Personnel Alarm Locating System.....	14,251.66	842.35
			Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
28 49 11 00-0003	EA		Personnel Alarm Transmitters With Lithium Batteries.....	108.91	
28 49 11 00-0004	EA		Lapel Reader.....	41.89	
28 49 11 00-0005	EA		IR Locator.....	171.96	31.54
28 49 11 00-0006	EA		Repeaters And Receivers.....	436.46	105.12
28 49 17			Electronic Personal Safety Emergency Aid Devices <small>(28 49)</small>		
28 49 17 00-0001			Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) <small>(28 49 17)</small>		
28 49 17 00-0002			Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0003	EA		Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5).....	237.01	63.07
			Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).		
28 49 17 00-0004	EA		Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5).....	280.46	73.59
			Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.		
28 49 17 00-0005	EA		Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5).....	282.22	73.59
			Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.		
28 49 17 00-0006			Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0007	EA		High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5).....	170.22	39.42
28 49 17 00-0008	EA		High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5).....	161.65	31.54
28 49 17 00-0009	EA		Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592).....	85.18	31.54
28 49 17 00-0010	EA		1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5).....	134.50	31.54
28 49 17 00-0011	EA		2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5).....	152.14	31.54
28 49 17 00-0012	EA		4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5).....	170.43	31.54
28 49 17 00-0013	EA		2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2).....	229.26	31.54
28 49 17 00-0014	EA		4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4).....	254.57	31.54
28 49 17 00-0015			Call Activation Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0016	EA		Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537).....	107.31	31.54
28 49 17 00-0017	EA		Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E).....	149.34	31.54
28 49 17 00-0018	EA		Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E).....	189.92	31.54
28 49 17 00-0019	EA		3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....	189.57	10.51
28 49 17 00-0020	EA		Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930).....	153.10	31.54
28 49 17 00-0021	EA		Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....	177.37	31.54
28 49 17 00-0022	EA		Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L).....	287.96	31.54
28 49 17 00-0023	EA		Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620).....	146.42	31.54

28 Electronic Safety And Security**28 40 Life Safety****28 49 Electronic Personal Protection Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0024	EA		Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	161.21	10.51
28 49 17 00-0025	EA		Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	245.91	10.51
28 49 17 00-0026	EA		Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	251.12	10.51
28 49 17 00-0027	EA		Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	328.90	10.51

END OF SECTION 28

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

31 05 Common Work Results For Earthwork⁽³¹⁾

31 05 13 Soils For Earthwork^(31 05)

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material)^(31 05 13)

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 13 00-0002	CY Bank Run/Fill Sand.....	28.92	
	For Up To 8, Add	5.78	
	For >8 To 16, Add	2.89	
	For >48 To 64, Deduct	-2.08	
	For >64 To 96, Deduct	-3.52	
	For >96, Deduct	-4.97	
31 05 13 00-0003	CY Screened/Washed Filter/Septic Sand.....	34.54	
	For Up To 8, Add	6.91	
	For >8 To 16, Add	3.45	
	For >48 To 64, Deduct	-2.36	
	For >64 To 96, Deduct	-4.09	
	For >96, Deduct	-5.81	
31 05 13 00-0004	CY 3/8" Minus, ASTM C33, Screened/Washed Bedding Sand.....	48.01	
	For Up To 8, Add	9.60	
	For >8 To 16, Add	4.80	
	For >48 To 64, Deduct	-3.03	
	For >64 To 96, Deduct	-5.43	
	For >96, Deduct	-7.83	
31 05 13 00-0005	CY 3/16" Minus, Screened/Washed Concrete Sand.....	42.96	
	For Up To 8, Add	8.59	
	For >8 To 16, Add	4.30	
	For >48 To 64, Deduct	-2.78	
	For >64 To 96, Deduct	-4.93	
	For >96, Deduct	-7.08	
31 05 13 00-0006	CY 3/32" Minus, Screened/Washed Masonry/Mortar Sand.....	77.77	
	For Up To 8, Add	15.55	
	For >8 To 16, Add	7.78	
	For >48 To 64, Deduct	-4.52	
	For >64 To 96, Deduct	-8.41	
	For >96, Deduct	-12.30	
31 05 13 00-0007	CY Common Fill, Native Soil/Dirt.....	36.22	
	For Up To 8, Add	7.24	
	For >8 To 16, Add	3.62	
	For >48 To 64, Deduct	-2.44	
	For >64 To 96, Deduct	-4.25	
	For >96, Deduct	-6.07	
31 05 13 00-0008	CY Crushed Lime Rock Maximum 3-1/2".....	32.69	
	For Up To 8, Add	6.54	
	For >8 To 16, Add	3.27	
	For >48 To 64, Deduct	-2.27	
	For >64 To 96, Deduct	-3.90	
	For >96, Deduct	-5.54	
31 05 13 00-0009	CY Asphalt Sand.....	35.84	
	For Up To 8, Add	7.17	
	For >8 To 16, Add	3.58	
	For >48 To 64, Deduct	-2.42	
	For >64 To 96, Deduct	-4.22	
	For >96, Deduct	-6.01	
31 05 13 00-0010	CY Sand/Clay.....	37.44	
	For Up To 8, Add	7.49	
	For >8 To 16, Add	3.74	
	For >48 To 64, Deduct	-2.50	
	For >64 To 96, Deduct	-4.38	
	For >96, Deduct	-6.25	
31 05 13 00-0011	CY Recycled Concrete Aggregate.....	29.20	
	For Up To 8, Add	5.84	
	For >8 To 16, Add	2.92	
	For >48 To 64, Deduct	-2.09	
	For >64 To 96, Deduct	-3.55	
	For >96, Deduct	-5.01	
31 05 13 00-0012	CY Sand Fill, Washed Aggregate.....	50.65	
	For Up To 8, Add	10.13	
	For >8 To 16, Add	5.07	
	For >48 To 64, Deduct	-3.16	
	For >64 To 96, Deduct	-5.70	
	For >96, Deduct	-8.23	
31 05 13 00-0013	CY Pond Sand.....	23.45	
	For Up To 8, Add	4.69	
	For >8 To 16, Add	2.35	
	For >48 To 64, Deduct	-1.80	
	For >64 To 96, Deduct	-2.98	
	For >96, Deduct	-4.15	

31 05 16 Aggregates For Earthwork^(31 05)

See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 Earthwork

31 05 Common Work Results For Earthwork

31 05 16 Aggregates For Earthwork

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 05 16 00-0001 Aggregate (Loose, Purchased Material) <small>(31 05 16)</small>		
Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
31 05 16 00-0002	CY #2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean).....	44.08
	For Up To 8, Add	8.82
	For >8 To 16, Add	4.41
	For >48 To 64, Deduct	-2.84
	For >64 To 96, Deduct	-5.04
	For >96, Deduct	-7.24
31 05 16 00-0003	CY #3 Stone Aggregate Fill (1" To 2" Clean).....	45.93
	For Up To 8, Add	9.19
	For >8 To 16, Add	4.59
	For >48 To 64, Deduct	-2.93
	For >64 To 96, Deduct	-5.23
	For >96, Deduct	-7.52
31 05 16 00-0004	CY #4 Stone Aggregate Fill (3/4" To 1-1/2" Clean).....	44.08
	For Up To 8, Add	8.82
	For >8 To 16, Add	4.41
	For >48 To 64, Deduct	-2.84
	For >64 To 96, Deduct	-5.04
	For >96, Deduct	-7.24
31 05 16 00-0005	CY #5 Stone Aggregate Fill (1/2" To 1" Clean).....	47.26
	For Up To 8, Add	9.45
	For >8 To 16, Add	4.73
	For >48 To 64, Deduct	-3.00
	For >64 To 96, Deduct	-5.36
	For >96, Deduct	-7.72
31 05 16 00-0006	CY #6 Stone Aggregate Fill (3/8" To 3/4" Clean).....	49.14
	For Up To 8, Add	9.83
	For >8 To 16, Add	4.91
	For >48 To 64, Deduct	-3.09
	For >64 To 96, Deduct	-5.55
	For >96, Deduct	-8.00
31 05 16 00-0007	CY #56 Stone Aggregate Fill (3/8" To 1").....	47.55
	For Up To 8, Add	9.51
	For >8 To 16, Add	4.76
	For >48 To 64, Deduct	-3.01
	For >64 To 96, Deduct	-5.39
	For >96, Deduct	-7.76
31 05 16 00-0008	CY #57 Stone Aggregate Fill (3/8" To 1").....	50.82
	For Up To 8, Add	10.16
	For >8 To 16, Add	5.08
	For >48 To 64, Deduct	-3.17
	For >64 To 96, Deduct	-5.71
	For >96, Deduct	-8.26
31 05 16 00-0009	CY #67 Or #68 Stone Aggregate Fill (3/16" To 3/4").....	45.82
	For Up To 8, Add	9.16
	For >8 To 16, Add	4.58
	For >48 To 64, Deduct	-2.92
	For >64 To 96, Deduct	-5.21
	For >96, Deduct	-7.51
31 05 16 00-0010	CY #7 Stone Aggregate Fill (3/8" To 1/2").....	46.73
	For Up To 8, Add	9.35
	For >8 To 16, Add	4.67
	For >48 To 64, Deduct	-2.97
	For >64 To 96, Deduct	-5.31
	For >96, Deduct	-7.64
31 05 16 00-0011	CY #78 Stone Aggregate Fill (3/32" To 1/2").....	47.13
	For Up To 8, Add	9.43
	For >8 To 16, Add	4.71
	For >48 To 64, Deduct	-2.99
	For >64 To 96, Deduct	-5.35
	For >96, Deduct	-7.70
31 05 16 00-0012	CY #8 Stone Aggregate Fill (3/32" To 3/8").....	49.14
	For Up To 8, Add	9.83
	For >8 To 16, Add	4.91
	For >48 To 64, Deduct	-3.09
	For >64 To 96, Deduct	-5.55
	For >96, Deduct	-8.00
31 05 16 00-0013	CY #89 Stone Aggregate Fill (1/16" To 3/8").....	49.70
	For Up To 8, Add	9.94
	For >8 To 16, Add	4.97
	For >48 To 64, Deduct	-3.12
	For >64 To 96, Deduct	-5.60
	For >96, Deduct	-8.09
31 05 16 00-0014	CY #9 Stone Aggregate Fill (3/32" To 3/16").....	49.14
	For Up To 8, Add	9.83
	For >8 To 16, Add	4.91
	For >48 To 64, Deduct	-3.09
	For >64 To 96, Deduct	-5.55
	For >96, Deduct	-8.00
31 05 16 00-0015	CY #10 Stone Aggregate Fill (1/16" To 3/16").....	50.29
	For Up To 8, Add	10.06
	For >8 To 16, Add	5.03
	For >48 To 64, Deduct	-3.15
	For >64 To 96, Deduct	-5.66
	For >96, Deduct	-8.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0016 CY #610 Modified Stone Aggregate Fill (1/16" To 3/4").....	49.70	
For Up To 8, Add	9.94	
For >8 To 16, Add	4.97	
For >48 To 64, Deduct	-3.12	
For >64 To 96, Deduct	-5.60	
For >96, Deduct	-8.09	
31 05 16 00-0017 CY Screenings Stone Aggregate Fill (3/16" Max)	41.50	
For Up To 8, Add	8.30	
For >8 To 16, Add	4.15	
For >48 To 64, Deduct	-2.71	
For >64 To 96, Deduct	-4.78	
For >96, Deduct	-6.86	
31 05 16 00-0018 CY Over 6" To 12" Stone Aggregate Fill, Random Size	45.21	
For Up To 8, Add	9.04	
For >8 To 16, Add	4.52	
For >48 To 64, Deduct	-2.89	
For >64 To 96, Deduct	-5.15	
For >96, Deduct	-7.41	
31 05 16 00-0019 CY Over 6" To 12" Graded Stone Aggregate Fill	45.21	
For Up To 8, Add	9.04	
For >8 To 16, Add	4.52	
For >48 To 64, Deduct	-2.89	
For >64 To 96, Deduct	-5.15	
For >96, Deduct	-7.41	
31 05 16 00-0020 CY 3" To 7" Surge Stone Aggregate Fill, Random Size.....	48.91	
For Up To 8, Add	9.78	
For >8 To 16, Add	4.89	
For >48 To 64, Deduct	-3.08	
For >64 To 96, Deduct	-5.52	
For >96, Deduct	-7.97	
31 05 16 00-0021 CY 3" To 7" Surge Stone Graded Aggregate Fill	51.55	
For Up To 8, Add	10.31	
For >8 To 16, Add	5.16	
For >48 To 64, Deduct	-3.21	
For >64 To 96, Deduct	-5.79	
For >96, Deduct	-8.36	
31 05 16 00-0022 CY Crusher Run Aggregate Fill (2-1/2" Minus)	28.60	
For Up To 8, Add	5.72	
For >8 To 16, Add	2.86	
For >48 To 64, Deduct	-2.06	
For >64 To 96, Deduct	-3.49	
For >96, Deduct	-4.92	
31 05 16 00-0023 CY Crusher Run Aggregate Fill (1-1/2" Minus)	31.51	
For Up To 8, Add	6.30	
For >8 To 16, Add	3.15	
For >48 To 64, Deduct	-2.21	
For >64 To 96, Deduct	-3.78	
For >96, Deduct	-5.36	
31 05 16 00-0024 CY Crusher Run Aggregate Fill (3/4" Minus)	29.62	
For Up To 8, Add	5.92	
For >8 To 16, Add	2.96	
For >48 To 64, Deduct	-2.11	
For >64 To 96, Deduct	-3.59	
For >96, Deduct	-5.08	

31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization⁽³¹⁾

⁽⁰⁵⁾ See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing⁽³¹⁾

31 11 Clearing And Grubbing^(31 10)

31 11 00 00-0001 Clear And Grub Roots And Stumps^(31 11)

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002 ACR Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip	6,791.15
Note: Includes grub and removal of stump	
31 11 00 00-0003 ACR Clear And Grub Light Stumps Only Up To 6" Diameter	1,686.39
31 11 00 00-0004 ACR Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip	7,923.01
Note: Includes grub and removal of stump	
31 11 00 00-0005 ACR Clear And Grub Medium Stumps Only Up To 10" Diameter	2,810.65
31 11 00 00-0006 ACR Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip	9,003.42
Note: Includes grub and removal of stump	
31 11 00 00-0007 ACR Clear And Grub Heavy Stumps Only Up To 16" Diameter	3,194.31
31 11 00 00-0008 ACR Clearing By Machine - Light Brush Without Grub	267.69
31 11 00 00-0009 ACR Clearing By Machine - Medium Brush Without Grub	548.75
31 11 00 00-0010 ACR Clearing By Machine - Heavy Brush Without Grub	776.40
31 11 00 00-0011 ACR Chipping - Light Brush	2,113.18
31 11 00 00-0012 ACR Chipping - Medium Brush	2,717.08
31 11 00 00-0013 ACR Chipping - Heavy Brush	3,804.26

31 11 00 00-0014 Loading Of Cleared And Grubbed Material^(31 11)

See CSI section 01 74 19 00-0039 for hauling.

31 11 00 00-0015 CY Machine Loading Of Cleared And Grubbed Material	9.28
31 11 00 00-0016 CY Chute Loading Of Cleared And Grubbed Material	11.13

31	Earthwork
31 10	Site Clearing
31 11	Clearing And Grubbing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 11 00 00-0017	CY		Hand Loading Of Cleared And Grubbed Material	33.35	
31 11 00 00-0018	CY		Wheel And Ramp Loading Of Cleared And Grubbed Material.....	26.19	

31 13 Selective Tree And Shrub Removal And Trimming (31 10)

31 13 13 Selective Tree And Shrub Removal (31 13)

31 13 13 00-0001			Individual Tree Removal <small>(31 13 13)</small> Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.		
31 13 13 00-0002	EA		Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal	495.18	
31 13 13 00-0003	EA		>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	742.78	
31 13 13 00-0004	EA		>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	990.38	
31 13 13 00-0005	EA		>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal	1,485.56	
31 13 13 00-0006	EA		>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal	1,980.75	

31 13 13 00-0007			Stump Removal <small>(31 13 13)</small> Note: Measured by diameter of stump.		
31 13 13 00-0008			Stump Removal By Machine <small>(31 13 13 00-0007)</small>		
31 13 13 00-0009	EA		Up To 6" Diameter Stump Removal	84.32	
31 13 13 00-0010	EA		>6" To 12" Diameter Stump Removal	161.62	
31 13 13 00-0011	EA		>12" To 24" Diameter Stump Removal	210.80	
31 13 13 00-0012	EA		>24" To 36" Diameter Stump Removal	316.21	
31 13 13 00-0013	EA		>36" To 48" Diameter Stump Removal	372.43	

31 13 13 00-0014			Stump Removal By Hand <small>(31 13 13 00-0007)</small>		
31 13 13 00-0015	EA		Up To 6" Diameter Stump Removal By Hand	521.18	
31 13 13 00-0016	EA		>6" To 12" Diameter Stump Removal By Hand	651.47	
31 13 13 00-0017	EA		>12" To 24" Diameter Stump Removal By Hand	955.48	
31 13 13 00-0018	EA		>24" To 36" Diameter Stump Removal By Hand	1,302.94	
31 13 13 00-0019	EA		>36" To 48" Diameter Stump Removal By Hand	1,737.24	

31 13 13 00-0020			Stump Grinding <small>(31 13 13)</small> Note: Measured by diameter of stump.		
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31 13 13 00-0021			Stump Grinding, 18" Deep Below Surface Of Soil <small>(31 13 13 00-0020)</small> Note: Level soil to match existing surface area.		
31 13 13 00-0022	EA		Stump Grinding Up To 6" Tree.....	96.02	
			<i>For 24" Depth, Add</i>	19.20	
31 13 13 00-0023	EA		Stump Grinding >6" To 12" Tree	128.03	
			<i>For 24" Depth, Add</i>	25.61	
31 13 13 00-0024	EA		Stump Grinding >12" To 15" Tree.....	144.04	
			<i>For 24" Depth, Add</i>	28.81	
31 13 13 00-0025	EA		Stump Grinding >15" To 18" Tree.....	160.04	
			<i>For 24" Depth, Add</i>	32.01	
31 13 13 00-0026	EA		Stump Grinding >18" To 21" Tree.....	172.04	
			<i>For 24" Depth, Add</i>	34.41	
31 13 13 00-0027	EA		Stump Grinding >21" To 24" Tree.....	184.04	
			<i>For 24" Depth, Add</i>	36.81	
31 13 13 00-0028	EA		Stump Grinding >24" To 27" Tree.....	200.05	
			<i>For 24" Depth, Add</i>	40.01	
31 13 13 00-0029	EA		Stump Grinding >27" To 30" Tree.....	217.03	
			<i>For 24" Depth, Add</i>	43.41	
31 13 13 00-0030	EA		Stump Grinding >30" To 33" Tree.....	241.14	
			<i>For 24" Depth, Add</i>	48.23	
31 13 13 00-0031	EA		Stump Grinding >33" To 36" Tree.....	257.22	
			<i>For 24" Depth, Add</i>	51.44	
31 13 13 00-0032	EA		Stump Grinding >36" To 42" Tree.....	289.38	
			<i>For 24" Depth, Add</i>	57.88	
31 13 13 00-0033	EA		Stump Grinding >42" To 48" Tree.....	321.52	
			<i>For 24" Depth, Add</i>	64.30	

31 13 13 00-0034			Shrub Removal <small>(31 13 13)</small>		
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 13 13 00-0035	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen.....	38.62
31 13 13 00-0036	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen.....	60.56
31 13 13 00-0037	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen.....	70.21
31 13 13 00-0038	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen.....	105.32
31 13 13 00-0039	EA	Removal Of 12" To 15" Shrub, Deciduous.....	19.31
31 13 13 00-0040	EA	Removal Of 18" To 24" Shrub, Deciduous.....	29.84
31 13 13 00-0041	EA	Removal Of 2' To 3' Shrub, Deciduous.....	38.62
31 13 13 00-0042	EA	Removal Of 3' To 4' Shrub, Deciduous.....	42.13
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Evergreen.....	38.62
31 13 13 00-0044	EA	Removal Of 24" To 30" Shrub, Evergreen.....	42.13
31 13 13 00-0045	EA	Removal Of 30" To 36" Shrub, Evergreen.....	60.56
31 13 13 00-0046	EA	Removal Of 36" To 42" Shrub, Evergreen.....	105.32

31 13 16 Selective Tree And Shrub Trimming (31 13)

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance (31 13 16)

Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.62
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction.....	2.45
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	2.88

31 20 Earth Moving (31)

Note: Per OSHA - Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation And Fill (31 20)

31 23 16 Excavation (31 23)

31 23 16 13 Trenching (31 23 16)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine (31 23 16 13)

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	9.00
		<i>For Excavation In Light Material (Class A), Deduct</i>	-1.13
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	3.60
		<i>For Up To 20, Add</i>	7.20
		<i>For >20 To 50, Add</i>	4.50
		<i>For >50 To 250, Add</i>	2.25
		<i>For >500 To 1,000, Deduct</i>	-1.35
		<i>For >1,000, Deduct</i>	-2.70
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	5.71
		<i>For Excavation In Light Material (Class A), Deduct</i>	-0.71
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.28
		<i>For Up To 20, Add</i>	4.57
		<i>For >20 To 50, Add</i>	2.86
		<i>For >50 To 250, Add</i>	1.43
		<i>For >500 To 1,000, Deduct</i>	-0.86
		<i>For >1,000, Deduct</i>	-1.71
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	14.91
		Note: Includes compacted aggregate	
		<i>For Up To 20, Add</i>	11.93
		<i>For >20 To 50, Add</i>	7.46
		<i>For >50 To 250, Add</i>	3.73
		<i>For >500 To 1,000, Deduct</i>	-2.24
		<i>For >1,000, Deduct</i>	-4.47
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	10.14
		Note: Includes compacted aggregate	
		<i>For Up To 20, Add</i>	8.11
		<i>For >20 To 50, Add</i>	5.07
		<i>For >50 To 250, Add</i>	2.54
		<i>For >500 To 1,000, Deduct</i>	-1.52
		<i>For >1,000, Deduct</i>	-3.04

31 23 16 13-0006 Direct Burial (Plowed-in) Cable Or Piping By Machine (31 23 16 13)

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0007	LF	Direct Burial of Cable or Piping up to 12" Deep	1.96
31 23 16 13-0008	LF	Direct Burial of Cable or Piping >12" to 24" Deep.....	2.16
31 23 16 13-0009	LF	Direct Burial of Cable or Piping >24" to 36" Deep.....	3.08
31 23 16 13-0010	LF	Direct Burial of Cable or Piping >36" to 48" Deep.....	3.47

31 Earthwork**31 20 Earth Moving****31 23 Excavation And Fill**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
31 23 16 13-0011	Excavation For Trenching By Hand <small>(31 23 16 13)</small>		
31 23 16 13-0012	CY Excavation For Trenching By Hand In Soil .....110.03 Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 13-0013	CY Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate.....188.74 Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 13-0014	Backfilling Or Placing Subbase For Trenches <small>(31 23 16 13)</small>		
	Note: With imported or stockpiled materials.		
31 23 16 13-0015	CY Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine.....3.30 <i>For Up To 20, Add</i> 2.64 <i>For >20 To 50, Add</i> 1.65 <i>For >50 To 250, Add</i> 0.83 <i>For >500 To 1,000, Deduct</i> -0.50 <i>For >1,000, Deduct</i> -0.99		
31 23 16 13-0016	CY Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand.....30.57		
31 23 16 13-0017	Compaction Of Fill Or Subbase For Trenches <small>(31 23 16 13)</small>		
	Note: Includes restoration of final grade.		
31 23 16 13-0018	CY Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera.....6.36 <i>For Up To 20, Add</i> 5.09 <i>For >20 To 50, Add</i> 3.18 <i>For >50 To 250, Add</i> 1.59 <i>For >500 To 1,000, Deduct</i> -0.95 <i>For >1,000, Deduct</i> -1.91		
31 23 16 13-0019	CY Compaction of Fill or Subbase for Trenches by Hand.....34.48		
31 23 16 13-0020	Loading Excess Material For Removal From Excavation For Trenches <small>(31 23 16 13)</small>		
	Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.		
31 23 16 13-0021	CY Load Excess Material by Machine for Removal from Excavation for Trenching .....5.76 <i>For Up To 20, Add</i> 4.61 <i>For >20 To 50, Add</i> 2.88 <i>For >50 To 250, Add</i> 1.44 <i>For >500 To 1,000, Deduct</i> -0.86 <i>For >1,000, Deduct</i> -1.73		
31 23 16 13-0022	CY Load Excess Material by Hand for Removal from Excavation for Trenching .....80.69		
31 23 16 13-0023	Spread Excess Or Imported Material For Trenches <small>(31 23 16 13)</small>		
	Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0024	CY Spread Excess Or Imported Material On Site With Machine .....2.72 <i>For Up To 20, Add</i> 2.18 <i>For >20 To 50, Add</i> 1.36 <i>For >50 To 250, Add</i> 0.68 <i>For >500 To 1,000, Deduct</i> -0.41 <i>For >1,000, Deduct</i> -0.82		
31 23 16 13-0025	Utility Chain Trencher <small>(31 23 16 13)</small>		
31 23 16 13-0026	Utility Trench, Chain Trencher <small>(31 23 16 13-0025)</small>		
	Note: Earth left adjacent to trench.		
31 23 16 13-0027	LF 4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher .....1.13 <i>For >100 To 250, Deduct</i> -0.08 <i>For >250 To 500, Deduct</i> -0.17 <i>For >500, Deduct</i> -0.34		
31 23 16 13-0028	LF 4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher .....1.23 <i>For >100 To 250, Deduct</i> -0.09 <i>For >250 To 500, Deduct</i> -0.18 <i>For >500, Deduct</i> -0.37		
31 23 16 13-0029	LF 4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher .....1.27 <i>For >100 To 250, Deduct</i> -0.09 <i>For >250 To 500, Deduct</i> -0.19 <i>For >500, Deduct</i> -0.38		
31 23 16 13-0030	LF 6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher .....1.34 <i>For >100 To 250, Deduct</i> -0.09 <i>For >250 To 500, Deduct</i> -0.20 <i>For >500, Deduct</i> -0.40		
31 23 16 13-0031	LF 6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher .....1.48 <i>For >100 To 250, Deduct</i> -0.10 <i>For >250 To 500, Deduct</i> -0.22 <i>For >500, Deduct</i> -0.44		
31 23 16 13-0032	LF 6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher .....1.68 <i>For >100 To 250, Deduct</i> -0.12 <i>For >250 To 500, Deduct</i> -0.25 <i>For >500, Deduct</i> -0.50		
31 23 16 13-0033	LF 6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher .....2.01 <i>For >100 To 250, Deduct</i> -0.14 <i>For >250 To 500, Deduct</i> -0.30 <i>For >500, Deduct</i> -0.60		
31 23 16 13-0034	LF 8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher .....1.91 <i>For >100 To 250, Deduct</i> -0.13 <i>For >250 To 500, Deduct</i> -0.29 <i>For >500, Deduct</i> -0.57		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

31 23 16 13-0035	LF 8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher.....	2.24
	For >100 To 250, Deduct	-0.16
	For >250 To 500, Deduct	-0.34
	For >500, Deduct	-0.67
31 23 16 13-0036	LF 8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher.....	2.55
	For >100 To 250, Deduct	-0.18
	For >250 To 500, Deduct	-0.38
	For >500, Deduct	-0.77
31 23 16 13-0037	LF 8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher.....	3.02
	For >100 To 250, Deduct	-0.21
	For >250 To 500, Deduct	-0.45
	For >500, Deduct	-0.91

31 23 16 13-0038 Backfill Trenches With Compaction (31 23 16 13-0025)

31 23 16 13-0039	LF Backfill 4" Wide, 12" Deep Trench, With Compaction.....	0.17
	For >100 To 250, Deduct	-0.01
	For >250 To 500, Deduct	-0.03
	For >500, Deduct	-0.05
31 23 16 13-0040	LF Backfill 4" Wide, 18" Deep Trench, With Compaction.....	0.27
	For >100 To 250, Deduct	-0.02
	For >250 To 500, Deduct	-0.04
	For >500, Deduct	-0.08
31 23 16 13-0041	LF Backfill 4" Wide, 24" Deep Trench, With Compaction.....	0.36
	For >100 To 250, Deduct	-0.03
	For >250 To 500, Deduct	-0.05
	For >500, Deduct	-0.11
31 23 16 13-0042	LF Backfill 6" Wide, 12" Deep Trench, With Compaction.....	0.27
	For >100 To 250, Deduct	-0.02
	For >250 To 500, Deduct	-0.04
	For >500, Deduct	-0.08
31 23 16 13-0043	LF Backfill 6" Wide, 18" Deep Trench, With Compaction.....	0.36
	For >100 To 250, Deduct	-0.03
	For >250 To 500, Deduct	-0.05
	For >500, Deduct	-0.11
31 23 16 13-0044	LF Backfill 6" Wide, 24" Deep Trench, With Compaction.....	0.55
	For >100 To 250, Deduct	-0.04
	For >250 To 500, Deduct	-0.08
	For >500, Deduct	-0.17
31 23 16 13-0045	LF Backfill 6" Wide, 36" Deep Trench, With Compaction.....	0.78
	For >100 To 250, Deduct	-0.05
	For >250 To 500, Deduct	-0.12
	For >500, Deduct	-0.23
31 23 16 13-0046	LF Backfill 8" Wide, 12" Deep Trench, With Compaction.....	0.36
	For >100 To 250, Deduct	-0.03
	For >250 To 500, Deduct	-0.05
	For >500, Deduct	-0.11
31 23 16 13-0047	LF Backfill 8" Wide, 18" Deep Trench, With Compaction.....	0.55
	For >100 To 250, Deduct	-0.04
	For >250 To 500, Deduct	-0.08
	For >500, Deduct	-0.17
31 23 16 13-0048	LF Backfill 8" Wide, 24" Deep Trench, With Compaction.....	0.73
	For >100 To 250, Deduct	-0.05
	For >250 To 500, Deduct	-0.11
	For >500, Deduct	-0.22
31 23 16 13-0049	LF Backfill 8" Wide, 36" Deep Trench, With Compaction.....	1.09
	For >100 To 250, Deduct	-0.08
	For >250 To 500, Deduct	-0.16
	For >500, Deduct	-0.33

31 23 16 26 Rock Removal (31 23 16)

31 23 16 26-0001 Rock Breaking By Machine (31 23 16 26)

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone).....	20.92
31 23 16 26-0003	CY Rock Breaking By Machine, Medium Metamorphic Rock (Slate).....	22.31
31 23 16 26-0004	CY Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt).....	26.49

31 23 16 33 Bulk Excavation (31 23 16)

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.

31 23 16 33-0001 Excavation (31 23 16 33)

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY Bulk Excavation by Dozer in Soil.....	8.52
	For Excavation In Light Material (Class A), Deduct	-1.07
	For Excavation In Heavy/Wet Material (Class C), Add	3.41
	For >1,000, Deduct	-1.28
31 23 16 33-0003	CY Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil.....	4.60
	For Excavation In Light Material (Class A), Deduct	-0.58
	For Excavation In Heavy/Wet Material (Class C), Add	1.84
	For >1,000, Deduct	-0.69
31 23 16 33-0004	CY Bulk Excavation by Dozer in Loose Rock.....	10.47
	Note: Includes compacted aggregate	
	For >1,000, Deduct	-1.57
31 23 16 33-0005	CY Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock.....	5.67
	Note: Includes compacted aggregate	
	For >1,000, Deduct	-0.85

31 Earthwork**31 20 Earth Moving****31 23 Excavation And Fill**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 23 16 33-0006	Spreading, Shaping And Rough Grading <small>(31 23 16 33)</small>		
	Note: Imported or stockpiled material for bulk excavation.		
31 23 16 33-0007	CY Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine.....	5.25	
	<i>For >1,000, Deduct</i>		-0.79
31 23 16 33-0008	Cutting, Shaping and Rough Grading Of Existing Elevations <small>(31 23 16 33)</small>		
	Note: For bulk excavation.		
31 23 16 33-0009	CY Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	5.84	
	<i>For >1,000, Deduct</i>		-0.88
31 23 16 33-0010	Relocating On Site Excavated Material From Excavation <small>(31 23 16 33)</small>		
	Note: For bulk excavation.		
31 23 16 33-0011	CY Relocating On Site Excavated Material From Bulk Excavation >100' to 300'.....	4.67	
	<i>For >1,000, Deduct</i>		-0.70
31 23 16 33-0012	CY Relocating On Site Excavated Material From Bulk Excavation >300' to 500'.....	7.00	
	<i>For >1,000, Deduct</i>		-1.05
31 23 16 33-0013	CY Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	10.51	
	<i>For >1,000, Deduct</i>		-1.58
31 23 16 33-0014	CY Relocating On Site Excavated Material From Bulk Excavation >1,000'	14.01	
	<i>For >1,000, Deduct</i>		-2.10
31 23 16 33-0015	Finish Grading <small>(31 23 16 33)</small>		
	Note: For bulk excavation.		
31 23 16 33-0016	SY Finish Grading for Bulk Excavation by Machine.....	0.59	
31 23 16 33-0017	Compaction Of Fill Or Subbase, Per Lift <small>(31 23 16 33)</small>		
	Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.		
31 23 16 33-0018	SY Compaction of Fill or Subbase for Bulk Excavation by Machine	0.59	
	Note: Per Lift		
31 23 16 33-0019	Loading Excess Material For Removal From Excavation <small>(31 23 16 33)</small>		
	Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.		
31 23 16 33-0020	CY Loading Excess Material For Removal From Bulk Excavation.....	4.58	
	<i>For >1,000, Deduct</i>		-0.69
31 23 16 36	Excavation For Building Foundations And Other Structures <small>(31 23 16)</small>		
	Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
31 23 16 36-0001	Excavation <small>(31 23 16 36)</small>		
	Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.		
31 23 16 36-0002	Excavation For Building Foundations And Other Structures By Skid-Steer Loader <small>(31 23 16 36-0001)</small>		
31 23 16 36-0003	CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	7.70	
	<i>For Excavation In Light Material (Class A), Deduct</i>		-0.96
	<i>For Excavation In Heavy/Wet Material (Class C), Add</i>		3.08
	<i>For Up To 20, Add</i>		7.70
	<i>For >20 To 50, Add</i>		5.78
	<i>For >50 To 250, Add</i>		3.08
	<i>For >250 To 500, Add</i>		1.16
31 23 16 36-0004	CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock	9.61	
	Note: Includes compacted aggregate		
	<i>For Up To 20, Add</i>		9.61
	<i>For >20 To 50, Add</i>		7.21
	<i>For >50 To 250, Add</i>		3.84
	<i>For >250 To 500, Add</i>		1.44
31 23 16 36-0005	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader <small>(31 23 16 36-0001)</small>		
31 23 16 36-0006	CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	5.53	
	<i>For Excavation In Light Material (Class A), Deduct</i>		-0.69
	<i>For Excavation In Heavy/Wet Material (Class C), Add</i>		2.21
	<i>For Up To 20, Add</i>		5.53
	<i>For >20 To 50, Add</i>		4.15
	<i>For >50 To 250, Add</i>		2.21
	<i>For >250 To 500, Add</i>		0.83
31 23 16 36-0007	CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock	6.59	
	Note: Includes compacted aggregate		
	<i>For Up To 20, Add</i>		6.59
	<i>For >20 To 50, Add</i>		4.94
	<i>For >50 To 250, Add</i>		2.64
	<i>For >250 To 500, Add</i>		0.99

Earthwork	31	15
Earth Moving	31 20	
Excavation And Fill	31 23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 23 16 36-0008	Excavation For Building Foundations And Other Structures By Hand <small>(31 23 16 36-0001)</small> Note: For areas not accessible by machine and only with owner's approval.	
31 23 16 36-0009	CY Excavation For Building Foundations And Other Structures By Hand in Soil <i>For Excavation In Light Material (Class A), Deduct</i> <i>For Excavation In Heavy/Wet Material (Class C), Add</i>	110.03 -13.75 44.01
31 23 16 36-0010	CY Excavation For Building Foundations And Other Structures By Hand in Loose Rock..... Note: Includes compacted aggregate	188.74
31 23 16 36-0011	Relocating On Site Excavated Material From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures over 100'.	
31 23 16 36-0012	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300'..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	4.67 4.67 3.50 1.87 0.70
31 23 16 36-0013	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500'..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	7.00 7.00 5.25 2.80 1.05
31 23 16 36-0014	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000'..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	10.51 10.51 7.88 4.20 1.58
31 23 16 36-0015	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000'..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	14.01 14.01 10.51 5.60 2.10
31 23 16 36-0016	Backfilling <small>(31 23 16 36)</small> Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.	
31 23 16 36-0017	CY Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	3.81 3.81 2.86 1.52 0.57
31 23 16 36-0018	CY Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	4.29 4.29 3.22 1.72 0.64
31 23 16 36-0019	CY Backfilling Around Building Foundations And Other Structures By Hand	52.40
31 23 16 36-0020	Compaction Of Fill Or Subbase <small>(31 23 16 36)</small> Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.	
31 23 16 36-0021	CY Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	10.09 10.09 7.57 4.04 1.51
31 23 16 36-0022	CY Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand.....	34.48
31 23 16 36-0023	Grading <small>(31 23 16 36)</small> Note: For building foundations and other structures.	
31 23 16 36-0024	SY Rough Grading For Building Foundations And Other Structures by Machine.....	1.01
31 23 16 36-0025	SY Finish Grading For Building Foundations And Other Structures by Machine.....	1.62
31 23 16 36-0026	SY Finish Grading For Building Foundations And Other Structures by Hand.....	10.19
31 23 16 36-0027	Loading Excess Material For Removal From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.	
31 23 16 36-0028	CY Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	4.77 4.77 3.58 1.91 0.72
31 23 16 36-0029	CY Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand.....	80.69
31 23 16 36-0030	Spread Material <small>(31 23 16 36)</small> Note: For building foundations and other structures.	
31 23 16 36-0031	CY Spread Excess Or Imported Material On Site By Machine <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	2.72 2.72 2.04 1.09 0.41

31 Earthwork**31 20 Earth Moving****31 23 Excavation And Fill**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 23 16 36-0032 CY Spread Excess Or Imported Material On Site By Hand44.53

31 23 19 Dewatering (31 23)**31 23 19 00-0001 Well Point Dewatering System** (31 23 19)**31 23 19 00-0002 Delivery, Installation And Removal Cost** (31 23 19 00-0001)

Note: Priced by linear foot of header used.

31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	109.71
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	60.34
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	54.86
31 23 19 00-0006	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	49.37
31 23 19 00-0007	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	43.88
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	38.40

31 23 19 00-0009 Well Point Dewatering System Rental (31 23 19 00-0001)

Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	1.78
		For >5 Days And <1 Month, Deduct	-0.39
		For >1 Month, Deduct	-0.50
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	1.04
		For >5 Days And <1 Month, Deduct	-0.23
		For >1 Month, Deduct	-0.29
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.74
		For >5 Days And <1 Month, Deduct	-0.16
		For >1 Month, Deduct	-0.21
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.54
		For >5 Days And <1 Month, Deduct	-0.12
		For >1 Month, Deduct	-0.15
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.49
		For >5 Days And <1 Month, Deduct	-0.11
		For >1 Month, Deduct	-0.14

31 23 19 00-0015 Well Point Dewatering System Operation Costs (31 23 19 00-0001)

Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR	Operation Costs	103.14
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31 23 23 Fill (31 23)**31 23 23 23 Compaction** (31 23 23)**31 23 23 23-0001 Compaction Water, Water Truck And Operator** (31 23 23 23)

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator	165.58
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 Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1239 for water truck when water is available on site.
31 23 23 33 Flowable Fill (31 23 23)**31 23 23 33-0001 Flowable Cement Backfill For Trenches** (31 23 23 33)

Note: Includes compaction and restoration of final grade.

31 23 23 33-0002	CY	Flowable Cement Backfill for Trenches	212.98
		For Up To 20, Add	76.53
		For >20 To 50, Add	50.18
		For >50 To 250, Add	25.09
		For >500 To 1,000, Deduct	-13.18
		For >1,000, Deduct	-26.35

31 24 Embankments (31 20)**31 24 13 Roadway Embankments** (31 24)**31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations** (31 24 13)

Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.

31 24 13 00-0002 Cutting, Shaping And Rough Grading (31 24 13 00-0001)

Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading (31 24 13 00-0002)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0004	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	5.84	
			For Up To 20, Add	5.84	
			For >20 To 50, Add	4.38	
			For >50 To 250, Add	2.34	
			For >250 To 500, Add	0.88	
			For >1,000, Deduct	-0.88	
31 24 13 00-0005	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock.....	7.24	
			Note: Includes compacted aggregate		
			For Up To 20, Add	7.24	
			For >20 To 50, Add	5.43	
			For >50 To 250, Add	2.90	
			For >250 To 500, Add	1.09	
			For >1,000, Deduct	-1.09	
31 24 13 00-0006			Cutting, Shaping, And Rough Grading By Hand (31 24 13 00-0002)		
31 24 13 00-0007	SY		Shape Embankment/Slope By Hand Up To 1 On 4 Slope.....	5.65	
31 24 13 00-0008	SY		Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	7.33	
31 24 13 00-0009			Scarify Soil (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010	CSF		Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	5.41	
			For Up To 20, Add	2.71	
			For >20 To 50, Add	1.35	
			For >250 To 500, Deduct	-0.54	
			For >500, Deduct	-1.08	
31 24 13 00-0011			Relocating On Site Excavated Material (31 24 13 00-0001)		
31 24 13 00-0012	CY		>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	10.51	
			For Up To 20, Add	10.51	
			For >20 To 50, Add	7.88	
			For >50 To 250, Add	4.20	
			For >250 To 500, Add	1.58	
			For >1,000, Deduct	-1.58	
31 24 13 00-0013	CY		>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	14.01	
			For Up To 20, Add	14.01	
			For >20 To 50, Add	10.51	
			For >50 To 250, Add	5.60	
			For >250 To 500, Add	2.10	
			For >1,000, Deduct	-2.10	
31 24 13 00-0014			Spread And Shape Imported Or Stockpiled Material (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.		
31 24 13 00-0015	CY		Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	6.42	
			For Up To 20, Add	6.42	
			For >20 To 50, Add	4.82	
			For >50 To 250, Add	2.57	
			For >250 To 500, Add	0.96	
			For >1,000, Deduct	-0.96	
31 24 13 00-0016			Grading (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0017	SY		Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.64	
31 24 13 00-0018	SY		Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.86	
31 24 13 00-0019	LF		Finish Grade For Curb	0.97	
31 24 13 00-0020	LF		Finish Grade For Curb And Gutter.....	1.19	
31 24 13 00-0021			Compaction Of Fill Or Subbase (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine, per lift.		
31 24 13 00-0022	SY		Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift.....	0.59	
			For Up To 250, Add	0.59	
			For >250 To 500, Add	0.44	
			For >500 To 1,000, Add	0.24	
			For >5,000, Deduct	-0.09	
31 24 13 00-0023			Loading Excess Material For Removal From Excavation (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.		
31 24 13 00-0024	CY		Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	4.58	
			For Up To 20, Add	4.58	
			For >20 To 50, Add	3.44	
			For >50 To 250, Add	1.83	
			For >250 To 500, Add	0.69	
			For >1,000, Deduct	-0.69	

31	31 Earthwork
	31 20 Earth Moving
	31 25 Erosion And Sedimentation Controls



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

31 25	Erosion And Sedimentation Controls	(31 20)	
31 25 14	Stabilization Measures For Erosion And Sedimentation Control	(31 25)	
31 25 14 13	Hydraulically-Applied Erosion Control	(31 25 14)	
31 25 14 13-0001	Bonded Fiber Matrix	(31 25 14 13)	
31 25 14 13-0002	MSF Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied		43.85
31 25 14 13-0003	MSF >25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied		39.74
31 25 14 13-0004	MSF >50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied		36.25
31 25 14 13-0005	MSF >100,000 Bonded Fiber Matrix, Hydraulically Applied		34.26
31 25 14 16	Rolled Erosion Control Mats And Blankets	(31 25 14)	
Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.			
31 25 14 16-0001	Erosion Control Blankets And Turf Reinforcement Mats	(31 25 14 16)	
31 25 14 16-0002	Erosion Control Blankets, Short Term, Light Duty	(31 25 14 16-0001)	
31 25 14 16-0003	SY S75 Single Net Erosion Control Blanket		1.66
Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.			
31 25 14 16-0004	SY S75BN Single Net Erosion Control Blanket		2.02
Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.			
31 25 14 16-0005	SY Curlex 1, Single Net Erosion Control Blanket		1.60
Note: As manufactured by American Excelsior			
31 25 14 16-0006	SY Curlex 1, Single Net Erosion Control Blanket		1.66
Note: As manufactured by American Green.			
31 25 14 16-0007	SY Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting		1.52
31 25 14 16-0008	Erosion Control Blankets, Intermediate Duration	(31 25 14 16-0001)	
31 25 14 16-0009	SY S150 Double Net Erosion Control Blanket		2.11
Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.			
31 25 14 16-0010	SY S150 BN Double Net Erosion Control Blanket		2.67
Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.			
31 25 14 16-0011	SY Curlex II, Double Net Erosion Control Blanket, Natural		1.85
Note: As manufactured by American Excelsior.			
31 25 14 16-0012	SY Curlex II, Double Net Erosion Control Blanket, Green		1.91
Note: As manufactured by American Excelsior.			
31 25 14 16-0013	SY Enforcer Double Net Erosion Control Blanket		2.01
Note: As manufactured by American Excelsior.			
31 25 14 16-0014	Turf Reinforcement Mats (TRM)	(31 25 14 16-0001)	
Note: Permanent, UV stabilized.			
31 25 14 16-0015	SY P300 Permanent Polypropylene Turf Reinforcement Mat		9.36
Note: 100% synthetic, UV stabilized, two layer netting.			
31 25 14 16-0016	SY C350 Permanent Turf Reinforcement Mat		8.68
Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.			
31 25 14 16-0017	SY Recyclex TRM, Permanent Turf Reinforcement Mat		8.19
Note: As manufactured by American Excelsior, 100% recycled			
31 25 14 16-0018	Jute Mesh Erosion Control Blankets	(31 25 14 16-0001)	
31 25 14 16-0019	SY Jute Mesh, Open Uniform Weave		1.85
31 25 14 16-0020	Revegetation Mat	(31 25 14 16-0001)	
31 25 14 16-0021	SY 3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber		6.75
Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.			
31 25 14 16-0022	SY Webbed Revegetation Mat, Polypropylene Fiber		9.58
Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.			
31 25 14 23	Stabilization Measures For Erosion Control	(31 25 14)	
See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.			
31 25 14 23-0001	Floating Turbidity Curtain	(31 25 14 23)	
Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.			
31 25 14 23-0002	LF 3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain		21.01
For Type 1, Deduct			
For 13 Oz PVC Fabric, Type 2, Deduct			
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add			
31 25 14 23-0003	LF 4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain		22.78
For Type 1, Deduct			
For 13 Oz PVC Fabric, Type 2, Deduct			
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add			
31 25 14 23-0004	LF 5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain		25.18
For Type 1, Deduct			
For 13 Oz PVC Fabric, Type 2, Deduct			
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 25 14 23-0005	LF 6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	27.25 -4.40 -2.68 3.25	
31 25 14 23-0006	LF 7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	28.60 -4.62 -2.81 3.41	
31 25 14 23-0007	LF 8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	29.95 -4.83 -2.94 3.57	
31 25 14 23-0008	LF 9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	31.52 -5.09 -3.10 3.76	
31 25 14 23-0009	LF 10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	33.67 -5.48 -3.33 4.05	
31 25 14 23-0010	LF 12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	35.38 -5.76 -3.50 4.26	
31 25 14 23-0011	LF 13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	37.66 -6.16 -3.75 4.56	
31 25 14 23-0012	LF 14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	39.81 -6.53 -3.97 4.83	
31 25 14 23-0013	LF 15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	41.86 -6.87 -4.18 5.08	
31 25 14 23-0014	LF 16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	45.56 -7.58 -4.62 5.60	
31 25 14 23-0015	LF 17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	47.76 -7.95 -4.84 5.87	
31 25 14 23-0016	LF 18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	49.92 -8.29 -5.05 6.13	
31 25 14 23-0017	LF 19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	52.21 -8.66 -5.27 6.40	
31 25 14 23-0018	LF 20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain..... <i>For Type 1, Deduct</i> <i>For 13 Oz PVC Fabric, Type 2, Deduct</i> <i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	54.42 -9.00 -5.48 6.65	

31 25 14 23-0019 Turbidity Curtain Anchors (31 25 14 23)

31 25 14 23-0020	EA 14 LB, Turbidity Curtain Anchor System..... Note: Includes anchor, anchor chain, and marker buoy and rope.	560.36	
31 25 14 23-0021	EA 25 LB, Turbidity Curtain Anchor System..... Note: Includes anchor, anchor chain, and marker buoy and rope.	767.68	
31 25 14 23-0022	EA 40 LB, Turbidity Curtain Anchor System..... Note: Includes anchor, anchor chain, and marker buoy and rope.	975.91	
31 25 14 23-0023	EA 65 LB, Turbidity Curtain Anchor System..... Note: Includes anchor, anchor chain, and marker buoy and rope.	1,275.80	

31 25 14 23-0024 Sand Bags (31 25 14 23)

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0025	BAG 50 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	5.56 -0.46 -1.02	2.32
31 25 14 23-0026	BAG 75 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	7.18 -0.58 -1.29	2.88
31 25 14 23-0027	BAG 100 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	8.98 -0.69 -1.59	3.45
31 25 14 23-0028	BAG 125 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	11.10 -0.86 -1.97	4.30
31 25 14 23-0029	BAG 150 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	13.45 -1.03 -2.38	5.17
31 25 14 23-0030	BAG 175 LB Capacity Sand Bag With Sand..... <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	15.59 -1.17 -2.73	5.87

31 Earthwork**31 20 Earth Moving****31 25 Erosion And Sedimentation Controls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0031	BAG		2,000 LB Capacity Sand Bag With Sand <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	118.07 -7.19 -19.00	39.99
31 25 14 23-0032	BAG		3,000 LB Capacity Sand Bag With Sand <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	153.99 -7.91 -23.31	43.99
31 25 14 23-0033			Gravel Bags <small>(31 25 14 23)</small> Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0034	BAG		30 LB Capacity Gravel Bag With Gravel <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	4.96 -0.31 -0.80	1.54
31 25 14 23-0035	BAG		50 LB Capacity Gravel Bag With Gravel <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	8.57 -0.46 -1.32	2.32
31 25 14 23-0036			Filter Bags <small>(31 25 14 23)</small>		
31 25 14 23-0037			Non-Woven Filter Bags <small>(31 25 14 23-0036)</small>		
31 25 14 23-0038	EA		6' x 15' Non-Woven Filter Bag.....	149.30	
31 25 14 23-0039	EA		13' x 15' Non-Woven Filter Bag.....	215.44	
31 25 14 23-0040	EA		15' x 15' Non-Woven Filter Bag.....	248.41	
31 25 14 23-0041			Monofilament Filter Bags <small>(31 25 14 23-0036)</small>		
31 25 14 23-0042	EA		5' x 15' Monofilament Filter Bag.....	155.02	
31 25 14 23-0043	EA		10' x 15' Monofilament Filter Bag.....	213.92	
31 25 14 23-0044			Cable Articulating Concrete Block <small>(31 25 14 23)</small> Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 25 14 23-0045	SF		4.75" Open Cell Articulated Concrete Block With Earth Backfill..... <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	35.12 4.45 7.96	
31 25 14 23-0046	SF		6" Open Cell Articulated Concrete Block With Earth Backfill..... <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	40.10 5.03 9.04	
31 25 14 23-0047	SF		7.5" Open Cell Articulated Concrete Block With Earth Backfill..... <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	45.80 5.70 10.28	
31 25 14 23-0048	SF		9" Open Cell Articulated Concrete Block With Earth Backfill..... <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	51.62 6.41 11.57	
31 25 14 23-0049	SF		4.75" Closed Cell Articulated Concrete Block..... <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	37.60 4.70 8.46	
31 25 14 23-0050	SF		6" Closed Cell Articulated Concrete Block <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	43.05 5.33 9.63	
31 25 14 23-0051	SF		7.5" Closed Cell Articulated Concrete Block <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	49.30 6.05 10.98	
31 25 14 23-0052	SF		9" Closed Cell Articulated Concrete Block <i>For >500 To 1,000, Add</i> <i>For Up To 500, Add</i>	55.62 6.81 12.37	
31 25 14 26			Stabilization Measures For Sedimentation Control <small>(31 25 14)</small>		
31 25 14 26-0001			Silt Fences And Dike Barriers <small>(31 25 14 26)</small> Note: Includes stakes and embedding.		
31 25 14 26-0002			Silt Fences 2' High <small>(31 25 14 26-0001)</small>		
31 25 14 26-0003	LF		2' High Silt Fence with Stakes at 4' On Center.....	2.63	
31 25 14 26-0004	LF		2' High Silt Fence with Stakes at 6' On Center.....	2.05	
31 25 14 26-0005	LF		2' High Silt Fence with Stakes at 8' On Center.....	1.47	
31 25 14 26-0006	LF		2' High Silt Fence with Stakes at 10' On Center.....	1.27	
31 25 14 26-0007			Silt Fences 3' High <small>(31 25 14 26-0001)</small>		
31 25 14 26-0008	LF		3' High Silt Fence with Stakes at 4' On Center.....	2.72	
31 25 14 26-0009	LF		3' High Silt Fence with Stakes at 6' On Center.....	2.21	
31 25 14 26-0010	LF		3' High Silt Fence with Stakes at 8' On Center.....	1.31	
31 25 14 26-0011	LF		3' High Silt Fence with Stakes at 10' On Center.....	1.34	
31 25 14 26-0012			Silt Dike Barrier <small>(31 25 14 26-0001)</small>		
31 25 14 26-0013	LF		Silt Dike Barrier With Stakes.....	3.10	
31 25 14 26-0014			Silt Fences Removal <small>(31 25 14 26-0001)</small>		
31 25 14 26-0015	LF		Removal Of Silt Fence And Stakes.....	0.73	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 25 14 26-0016	Hay And Straw Bales <small>(31 25 14 26)</small> Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF Place Sterilized Straw Bales.....		4.29
31 25 14 26-0018	LF Place Hay Bales.....		3.96
31 25 14 26-0019	LF Removal Of Hay Or Straw Bales.....		1.31
Note: Includes securing in ground with stakes.			
31 25 14 26-0020	Sediment Logs (Degradable) <small>(31 25 14 26)</small>		
31 25 14 26-0021	Sediment Logs (Degradable) <small>(31 25 14 26-0020)</small> Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF 12" Sediment Log.....		7.25
31 25 14 26-0023	LF 20" Sediment Log.....		8.48
Note: Includes securing in ground with stakes.			
31 25 14 26-0024	Wattles (Degradable) With UV Stabilized Synthetic Netting <small>(31 25 14 26-0020)</small> Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0025	EA Wattles (Sterile Straw Filled Rolls), 9" x 25'.....		132.79
31 25 14 26-0026	EA Wattles (Sterile Straw Filled Rolls), 12" x 20'.....		125.08
Note: Includes removal, cleaning, and replacement per each location.			
31 25 14 26-0027	Inlet Protection Sediment Bags <small>(31 25 14 26)</small> Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0028	EA 2' x 2' x 3' Inlet Protection Sediment Bag.....		45.47
31 25 14 26-0029	EA 2' x 3' x 3' Inlet Protection Sediment Bag.....		56.32
31 25 14 26-0030	EA 2' x 4' x 3' Inlet Protection Sediment Bag.....		68.78
Note: Includes removal, cleaning, and replacement per each location.			
31 25 14 26-0031	Clean Sediment Logs/Wattles <small>(31 25 14 26)</small> Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0032	EA Clean Sediment Logs/Wattles.....		73.36

31 30 Earthwork Methods (31)

31 31 Soil Treatment (31 30)

31 31 16 Termite Control (31 31)

31 31 16 13 Chemical Termite Control (31 31 16)

31 31 16 13-0001 Commercial Use (31 31 16 13)

31 31 16 13-0002	SF Termite Pretreatment, Commercial Soil Poisoning Under Slab.....		0.77
31 31 16 13-0003	SF Termite Pretreatment, Commercial Slab And Walls.....		0.77

31 31 16 13-0004 Residential Use (31 31 16 13)

31 31 16 13-0005	SF Termite Pretreatment, Residential General Spraying Walls And Slab.....		0.73
31 31 16 13-0006	SF Termite Treatment, Existing Residential Structure.....		1.02

31 31 19 Vegetation Control (31 31)

31 31 19 13 Chemical Vegetation Control (31 31 19)

31 31 19 13-0001 Soil Sterilants (31 31 19 13)

31 31 19 13-0002	MSF Soil Sterilant.....		21.22
Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.			
For >45 To 90, Deduct			-0.39
For >90 To 225, Deduct			-1.85
For >225, Deduct			-2.63

31 32 Soil Stabilization (31 30)

31 32 13 Soil Mixing Stabilization (31 32)

31 32 13 16 Cement Soil Stabilization (31 32 13)

31 32 13 16-0001 Cementitious Soil Binder (31 32 13 16)

31 32 13 16-0002	CY Cementitious Soil Binder, 4% Cement Mix By Volume.....		33.20
31 32 13 16-0003	CY Cementitious Soil Binder, 6% Cement Mix By Volume.....		38.63
31 32 13 16-0004	CY Cementitious Soil Binder, 9% Cement Mix By Volume.....		47.57
31 32 13 16-0005	CY Cementitious Soil Binder, 12% Cement Mix By Volume.....		56.38

31 32 13 19 Lime Soil Stabilization (31 32 13)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry (31 32 13 19)

31 32 13 19-0002	LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume.....		29.10
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31 Earthwork
31 30 Earthwork Methods
31 32 Soil Stabilization

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

31 32 13 19-0003	TON	Cement Stabilized Base Material	123.17
31 32 13 19-0004	CWT	Lime For Soil Stabilization	20.31
		Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	13.64
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	3.26

31 32 13 19-0007		Lime Stabilized Subgrade <small>(31 32 13 19)</small>	
		Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).	
31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	11.39
		For 4% Lime Instead Of 5%, Deduct	-0.36
		For 6% Lime Instead Of 5%, Add	0.36
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	13.20
		For 4% Lime Instead Of 5%, Deduct	-0.42
		For 6% Lime Instead Of 5%, Add	0.42
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	15.07
		For 4% Lime Instead Of 5%, Deduct	-0.47
		For 6% Lime Instead Of 5%, Add	0.47

31 32 13 29		Liquid Soil Stabilization <small>(31 32 13)</small>	
31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.44

31 32 19 Geosynthetic Soil Stabilization And Layer Separation (31 32)

31 32 19 13 Geogrid Soil Stabilization (31 32 19)

31 32 19 13-0001		Geogrid Fabrics <small>(31 32 19 13)</small>	
		Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.	
31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	2.54
		For Up To 50, Add	0.60
		For >50 To 150, Add	0.44
		For >150 To 250, Add	0.28
		For >250 To 500, Add	0.14
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	2.89
		For Up To 50, Add	0.67
		For >50 To 150, Add	0.50
		For >150 To 250, Add	0.32
		For >250 To 500, Add	0.16
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	3.14
		For Up To 50, Add	0.73
		For >50 To 150, Add	0.54
		For >150 To 250, Add	0.35
		For >250 To 500, Add	0.17
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	4.48
		For Up To 50, Add	1.00
		For >50 To 150, Add	0.74
		For >150 To 250, Add	0.48
		For >250 To 500, Add	0.24
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	5.10
		For Up To 50, Add	1.13
		For >50 To 150, Add	0.84
		For >150 To 250, Add	0.55
		For >250 To 500, Add	0.27
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	2.58
		For Up To 50, Add	0.61
		For >50 To 150, Add	0.45
		For >150 To 250, Add	0.29
		For >250 To 500, Add	0.14
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	3.75
		For Up To 50, Add	0.85
		For >50 To 150, Add	0.63
		For >150 To 250, Add	0.41
		For >250 To 500, Add	0.20

31 32 19 16 Geotextile Soil Stabilization (31 32 19)

31 32 19 16-0001		Nonwoven Polypropylene Geotextiles <small>(31 32 19 16)</small>	
		Note: For drainage, filtration and separation.	
31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	0.80
		For Up To 50, Add	0.20
		For >50 To 150, Add	0.14
		For >150 To 250, Add	0.09
		For >250 To 500, Add	0.05
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	0.86
		For Up To 50, Add	0.21
		For >50 To 150, Add	0.15
		For >150 To 250, Add	0.10
		For >250 To 500, Add	0.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 32 19 16-0004	SY		4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS).....	0.92	
			<i>For Up To 50, Add</i>	0.22	
			<i>For >50 To 150, Add</i>	0.16	
			<i>For >150 To 250, Add</i>	0.10	
			<i>For >250 To 500, Add</i>	0.05	
31 32 19 16-0005	SY		4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS).....	0.99	
			<i>For Up To 50, Add</i>	0.23	
			<i>For >50 To 150, Add</i>	0.17	
			<i>For >150 To 250, Add</i>	0.11	
			<i>For >250 To 500, Add</i>	0.06	
31 32 19 16-0006	SY		6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS).....	1.16	
			<i>For Up To 50, Add</i>	0.27	
			<i>For >50 To 150, Add</i>	0.20	
			<i>For >150 To 250, Add</i>	0.13	
			<i>For >250 To 500, Add</i>	0.06	
31 32 19 16-0007	SY		7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS).....	1.37	
			<i>For Up To 50, Add</i>	0.32	
			<i>For >50 To 150, Add</i>	0.24	
			<i>For >150 To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.08	
31 32 19 16-0008	SY		8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS).....	1.50	
			<i>For Up To 50, Add</i>	0.35	
			<i>For >50 To 150, Add</i>	0.26	
			<i>For >150 To 250, Add</i>	0.17	
			<i>For >250 To 500, Add</i>	0.08	
31 32 19 16-0009	SY		10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS).....	1.84	
			<i>For Up To 50, Add</i>	0.41	
			<i>For >50 To 150, Add</i>	0.31	
			<i>For >150 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.10	

31 32 19 16-0010 Woven Geotextiles Fabric (31 32 19 16)

31 32 19 16-0011	SY		200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55).....	1.14	
			<i>For Up To 50, Add</i>	0.26	
			<i>For >50 To 150, Add</i>	0.20	
			<i>For >150 To 250, Add</i>	0.13	
			<i>For >250 To 500, Add</i>	0.06	
31 32 19 16-0012	SY		315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66).....	1.58	
			<i>For Up To 50, Add</i>	0.35	
			<i>For >50 To 150, Add</i>	0.26	
			<i>For >150 To 250, Add</i>	0.17	
			<i>For >250 To 500, Add</i>	0.09	
31 32 19 16-0013	SY		4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%).....	2.76	
			<i>For Up To 50, Add</i>	0.60	
			<i>For >50 To 150, Add</i>	0.44	
			<i>For >150 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.15	
31 32 19 16-0014	SY		11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%).....	2.70	
			<i>For Up To 50, Add</i>	0.59	
			<i>For >50 To 150, Add</i>	0.44	
			<i>For >150 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.14	
31 32 19 16-0015	SY		6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF).....	2.36	
			<i>For Up To 50, Add</i>	0.52	
			<i>For >50 To 150, Add</i>	0.38	
			<i>For >150 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.13	
31 32 19 16-0016	SY		9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF).....	2.52	
			<i>For Up To 50, Add</i>	0.55	
			<i>For >50 To 150, Add</i>	0.41	
			<i>For >150 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.13	
31 32 19 16-0017	SY		12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF).....	3.20	
			<i>For Up To 50, Add</i>	0.69	
			<i>For >50 To 150, Add</i>	0.51	
			<i>For >150 To 250, Add</i>	0.34	
			<i>For >250 To 500, Add</i>	0.17	
31 32 19 16-0018	SY		12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF).....	4.54	
			<i>For Up To 50, Add</i>	0.95	
			<i>For >50 To 150, Add</i>	0.71	
			<i>For >150 To 250, Add</i>	0.47	
			<i>For >250 To 500, Add</i>	0.23	

31 32 19 16-0019 Geomembranes (31 32 19 16)
31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane (31 32 19 16-0019)

31 32 19 16-0021	SF		20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	0.89	
31 32 19 16-0022	SF		30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.04	
31 32 19 16-0023	SF		40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.24	
31 32 19 16-0024	SF		50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.49	
31 32 19 16-0025	SF		60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.69	

31 Earthwork
31 30 Earthwork Methods
31 32 Soil Stabilization

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.84
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.99
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.20
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.40

31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane (31 32 19 16-0019)

31 32 19 16-0031	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	0.87
31 32 19 16-0032	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	1.04
31 32 19 16-0033	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.21
31 32 19 16-0034	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.95
31 32 19 16-0035	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.52
31 32 19 16-0036	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.86
31 32 19 16-0037	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	2.20
31 32 19 16-0038	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	3.93
31 32 19 16-0039	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	4.07

31 32 19 26 Geoweb Cellular Confinement System (31 32 19)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System (31 32 19 26)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	4.81
		<i>For >20,000, Deduct</i>	-0.09
		<i>For >2:1 Slope, Add</i>	1.01
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	5.60
		<i>For >20,000, Deduct</i>	-0.13
		<i>For >2:1 Slope, Add</i>	1.01
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	6.53
		<i>For >20,000, Deduct</i>	-0.17
		<i>For >2:1 Slope, Add</i>	1.01

31 35 Slope Protection (31 30)

31 35 19 Geosynthetic Slope Protection (31 35)

31 35 19 19 Slope Protection with Mulch Control Netting (31 35 19)

31 35 19 19-0001 Erosion Control Fabric (31 35 19 19)

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	3.32
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31 36 Gabions (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 36 13 Gabion Boxes (31 36)

31 36 13 00-0001 Stone Filled Gabion Slope Protection (31 36 13)

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	57.54
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	67.86
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	81.72
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	96.58
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	113.43
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	155.22
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	196.14

31 37 Riprap (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 37 13 Machined Riprap (31 37)

31 37 13 00-0001 Random - Filter Stone (31 37 13)

31 37 13 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	52.79
		<i>For Chinking Material, Add</i>	13.16
31 37 13 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	61.31
		<i>For Chinking Material, Add</i>	13.16
31 37 13 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	65.33
		<i>For Chinking Material, Add</i>	13.16
31 37 13 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	69.90
		<i>For Chinking Material, Add</i>	13.16
31 37 13 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	73.58
		<i>For Chinking Material, Add</i>	13.16
31 37 13 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	79.61
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	95.33
31 37 13 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	34.97
31 37 13 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	40.38
31 37 13 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	42.93
31 37 13 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	45.83
31 37 13 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	48.17
31 37 13 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	52.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 37 13 00-0015 TON 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Riprap..... 64.48

31 40 Shoring And Underpinning ⁽³¹⁾

31 41 Shoring ^(31 40)

31 41 13 Timber Shoring ^(31 41)

31 41 13 00-0001 Wood Sheet Piling ^(31 41 13)

31 41 13 00-0002 Pull And Salvage ^(31 41 13 00-0001)

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003 SF 8' Deep Excavation, Wood Shoring, Pull And Salvage	11.55
For Wood Sheeting Left In Place	-0.90
31 41 13 00-0004 SF 10' Deep Excavation, Wood Shoring, Pull And Salvage	12.50
For Wood Sheeting Left In Place	-1.08
31 41 13 00-0005 SF 12' Deep Excavation, Wood Shoring, Pull And Salvage	13.53
For Wood Sheeting Left In Place	-1.27
31 41 13 00-0006 SF 14' Deep Excavation, Wood Shoring, Pull And Salvage	14.64
For Wood Sheeting Left In Place	-1.49
31 41 13 00-0007 SF 16' Deep Excavation, Wood Shoring, Pull And Salvage	15.86
For Wood Sheeting Left In Place	-1.72
31 41 13 00-0008 SF 18' Deep Excavation, Wood Shoring, Pull And Salvage	17.16
For Wood Sheeting Left In Place	-1.99
31 41 13 00-0009 SF 20' Deep Excavation, Wood Shoring, Pull And Salvage	18.60
For Wood Sheeting Left In Place	-2.28

31 41 16 Sheet Piling ^(31 41)

31 41 16 13 Steel Sheet Piling ^(31 41 16)

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage ^(31 41 16 13)

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002 TON Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,900.13
For Standard Sheeting Left In Place, Add	986.91
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,412.10
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05
31 41 16 13-0003 TON Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,970.70
For Standard Sheeting Left In Place, Add	951.62
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,376.81
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05
31 41 16 13-0004 TON Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,298.71
For Standard Sheeting Left In Place, Add	787.62
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,212.81
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05
31 41 16 13-0005 TON Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,614.36
For Standard Sheeting Left In Place, Add	629.79
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,054.98
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05
31 41 16 13-0006 TON Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,800.02
For Standard Sheeting Left In Place, Add	536.96
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	962.15
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05
31 41 16 13-0007 TON Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,989.40
For Standard Sheeting Left In Place, Add	442.27
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	867.46
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	106.30
For High Strength Sheeting 55,000 PSI Grade, Add	118.11
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	366.13
For Each Additional Month >3 Months, Add	59.05

31 45 Vibroflotation And Densification ^(31 40)

31 45 13 Vibroflotation ^(31 45)

31 45 13 00-0001 LCY Soil Stabilization, Vibroflotation..... 11.63

31	31	Earthwork
	31 40	Shoring And Underpinning
	31 48	Underpinning

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

31 48 Underpinning ^(31 40)

31 48 33 Micropile Underpinning ^(31 48)

31 48 33 00-0001 Augered Micro-Pile And Grout System ^(31 48 33)

31 48 33 00-0002	EA	Micro-Pile Mobilization Per Job.....	1,954.92
31 48 33 00-0003	EA	Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	488.72
31 48 33 00-0004	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void	263.30
		Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	
31 48 33 00-0005	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor	324.39
		Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	
31 48 33 00-0006	EA	Pile Load Test.....	2,443.64

END OF SECTION 31

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

32 Exterior Improvements

32 01 Operation And Maintenance Of Exterior Improvements ⁽³²⁾

32 01 11 Paving Cleaning ^(32 01)

32 01 11 53 Paint Removal From Paving ^(32 01 11)

32 01 11 53-0001 Remove Pavement Markings ^(32 01 11 53)

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF Removal Of 4" Wide Painted Or Epoxy Pavement Striping		1.82
	For Up To 250, Add		0.91
	For >250 To 1,000, Add		0.46
	For >5,000 To 10,000, Deduct		-0.27
	For >10,000 To 25,000, Deduct		-0.46
	For >25,000 To 50,000, Deduct		-0.64
	For >50,000, Deduct		-0.73
32 01 11 53-0003	LF Removal Of 6" Wide Painted Or Epoxy Pavement Striping		2.19
	For Up To 250, Add		1.10
	For >250 To 1,000, Add		0.55
	For >5,000 To 10,000, Deduct		-0.33
	For >10,000 To 25,000, Deduct		-0.55
	For >25,000 To 50,000, Deduct		-0.77
	For >50,000, Deduct		-0.88
32 01 11 53-0004	LF Removal Of 8" Wide Painted Or Epoxy Pavement Striping		2.62
	For Up To 250, Add		1.31
	For >250 To 1,000, Add		0.66
	For >5,000 To 10,000, Deduct		-0.39
	For >10,000 To 25,000, Deduct		-0.66
	For >25,000 To 50,000, Deduct		-0.92
	For >50,000, Deduct		-1.05
32 01 11 53-0005	LF Removal Of 12" Wide Painted Or Epoxy Pavement Striping		3.13
	For Up To 250, Add		1.57
	For >250 To 1,000, Add		0.78
	For >5,000 To 10,000, Deduct		-0.47
	For >10,000 To 25,000, Deduct		-0.78
	For >25,000 To 50,000, Deduct		-1.10
	For >50,000, Deduct		-1.25
32 01 11 53-0006	SF Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols		3.13
	For Up To 250, Add		1.57
	For >250 To 1,000, Add		0.78
	For >5,000 To 10,000, Deduct		-0.47
	For >10,000 To 25,000, Deduct		-0.78
	For >25,000 To 50,000, Deduct		-1.10
	For >50,000, Deduct		-1.25
32 01 11 53-0007	LF Removal Of 4" Wide Thermoplastic Pavement Striping		2.34
	For Up To 250, Add		1.17
	For >250 To 1,000, Add		0.59
	For >5,000 To 10,000, Deduct		-0.35
	For >10,000 To 25,000, Deduct		-0.59
	For >25,000 To 50,000, Deduct		-0.82
	For >50,000, Deduct		-0.94
32 01 11 53-0008	LF Removal Of 6" Wide Thermoplastic Pavement Striping		2.76
	For Up To 250, Add		1.38
	For >250 To 1,000, Add		0.69
	For >5,000 To 10,000, Deduct		-0.41
	For >10,000 To 25,000, Deduct		-0.69
	For >25,000 To 50,000, Deduct		-0.97
	For >50,000, Deduct		-1.10
32 01 11 53-0009	LF Removal Of 8" Wide Thermoplastic Pavement Striping		3.34
	For Up To 250, Add		1.67
	For >250 To 1,000, Add		0.84
	For >5,000 To 10,000, Deduct		-0.50
	For >10,000 To 25,000, Deduct		-0.84
	For >25,000 To 50,000, Deduct		-1.17
	For >50,000, Deduct		-1.34
32 01 11 53-0010	LF Removal Of 12" Wide Thermoplastic Pavement Striping		4.00
	For Up To 250, Add		2.00
	For >250 To 1,000, Add		1.00
	For >5,000 To 10,000, Deduct		-0.60
	For >10,000 To 25,000, Deduct		-1.00
	For >25,000 To 50,000, Deduct		-1.40
	For >50,000, Deduct		-1.60
32 01 11 53-0011	SF Removal Of Thermoplastic Pavement Marking, Letters Or Symbols		4.00
	For Up To 250, Add		2.00
	For >250 To 1,000, Add		1.00
	For >5,000 To 10,000, Deduct		-0.60
	For >10,000 To 25,000, Deduct		-1.00
	For >25,000 To 50,000, Deduct		-1.40
	For >50,000, Deduct		-1.60

32 01 13 Flexible Paving Surface Treatment ^(32 01)

32 01 13 61 Slurry Seal (Latex Modified) ^(32 01 13)

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot ^(32 01 13 61)

Note: Includes sweeping and cleaning of area.

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 13 Flexible Paving Surface Treatment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 13 61-0002	EA	Asphalt Seal Coating Minimum.....	512.11	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	2.76	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.31	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.37	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.47	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	2.52	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	2.35	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	2.17	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	2.02	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.27	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.33	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.43	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	1.88	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.27	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.33	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.43	
		For Each 0.5% Of Latex Addition, Add	0.16	
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	3.37	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.32	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.38	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.48	
		For Each 0.5% Of Latex Addition, Add	0.26	
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	3.12	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		For Each 0.5% Of Latex Addition, Add	0.26	
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	2.93	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45	
		For Each 0.5% Of Latex Addition, Add	0.26	
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	2.75	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45	
		For Each 0.5% Of Latex Addition, Add	0.26	
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	2.58	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44	
		For Each 0.5% Of Latex Addition, Add	0.26	
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	2.43	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.27	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.33	
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.43	
		For Each 0.5% Of Latex Addition, Add	0.26	

32 01 13 62 Asphalt Surface Treatment (32 01 13)

32 01 13 62-0001		Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) (32 01 13 62)		
		Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.		
32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	5.92	
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	5.53	
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	5.19	
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	4.91	
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	4.64	
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	4.41	
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	4.24	
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	4.15	

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32 01 16 Flexible Paving Rehabilitation (32 01)
32 01 16 71 Cold Milling Asphalt Pavement (32 01 16)
32 01 16 71-0001 Removal Of Asphalt Surface Course (32 01 16 71)

Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas (32 01 16 71-0001)

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0003	SY Up To 3" Depth, Production Cold Milling Of Asphalt.....	3.55	
	For Up To 2,500, Add	2.66	
	For >2,500 To 5,000, Add	0.89	
	For >10,000 To 25,000, Deduct	-0.36	
	For >25,000, Deduct	-0.53	
32 01 16 71-0004	SY >3" To 6" Depth, Production Cold Milling Of Asphalt.....	4.73	
	For Up To 2,500, Add	3.55	
	For >2,500 To 5,000, Add	1.18	
	For >10,000 To 25,000, Deduct	-0.47	
	For >25,000, Deduct	-0.71	
32 01 16 71-0005	SY >6" To 12" Depth, Production Cold Milling Of Asphalt.....	6.30	
	For Up To 2,500, Add	4.73	
	For >2,500 To 5,000, Add	1.58	
	For >10,000 To 25,000, Deduct	-0.63	
	For >25,000, Deduct	-0.95	
32 01 16 71-0006	SY Production Cold Milling Of Concrete Per Inch.....	5.37	

32 01 16 71-0007 Limited Production Cold Milling (32 01 16 71-0001)

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0008	SY Up To 3" Depth, Limited Cold Milling Of Asphalt.....	22.44	
	For >100 To 1,000, Deduct	-11.22	
	For >1,000, Deduct	-16.83	
32 01 16 71-0009	SY >3" To 6" Depth, Limited Cold Milling Of Asphalt.....	29.72	
	For >100 To 1,000, Deduct	-14.86	
	For >1,000, Deduct	-22.29	
32 01 16 71-0010	SY >6" To 12" Depth, Limited Cold Milling Of Asphalt.....	39.58	
	For >100 To 1,000, Deduct	-19.79	
	For >1,000, Deduct	-29.69	
32 01 16 71-0011	SY Limited Cold Milling Of Concrete Per Inch.....	33.74	

32 01 16 71-0012 Grind, Leave In-Place Asphalt Grindings (32 01 16 71)

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0013	SY Grind, Leave In-Place As Subbase Course, 6-9" Depth.....	6.01	
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32 01 16 74 In Place Hot Reused Asphalt Paving (32 01 16)
32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0002	SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep.....	9.84	
32 01 16 74-0003	SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar.....	11.65	
32 01 16 74-0004	TON Removal, Rejuvenation, And Respreading Of Asphalt Grindings.....	154.12	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0006	SY Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	12.09	
32 01 16 74-0007	SY Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	6.04	
32 01 16 74-0008	SY Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.02	
32 01 16 74-0009	SY Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.86	
32 01 16 74-0010	SY >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.30	
32 01 16 74-0011	SY >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	13.20	
32 01 16 74-0012	SY >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	6.60	
32 01 16 74-0013	SY >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.11	
32 01 16 74-0014	SY >3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	14.51	
32 01 16 74-0015	SY >3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	7.25	
32 01 16 74-0016	SY >3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.63	
32 01 16 74-0017	SY >3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.35	
32 01 16 74-0018	SY >4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	15.83	

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 16 Flexible Paving Rehabilitation**
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32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	7.91
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.95
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.69
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew.....	1,360.23

32 01 17 Flexible Paving Repair (32 01)

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks In Asphalt Paving (32 01 17)

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With**Standard Weight Aggregate Longitudinal Crack And Sealing Repair** (32 01 17 61)

Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.31
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.35
		For 1" x 1/2" Fill, Add	0.65
		For Backer Rod, Add	0.74
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.06
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.29
		For 1" x 1/2" Fill, Add	0.54
		For Backer Rod, Add	0.67
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.85
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.23
		For 1" x 1/2" Fill, Add	0.44
		For Backer Rod, Add	0.61
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.73
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.20
		For 1" x 1/2" Fill, Add	0.39
		For Backer Rod, Add	0.58
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.65
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.18
		For 1" x 1/2" Fill, Add	0.34
		For Backer Rod, Add	0.55
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.59
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	0.16
		For 1" x 1/2" Fill, Add	0.31
		For Backer Rod, Add	0.52
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	2.45
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.97
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.51
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.33
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.21
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.11
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.45

32 01 17 63 Flexible Pavement Repair (32 01 17)**32 01 17 63-0001 Temporary Pot Hole Repair** (32 01 17 63)

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons.....	1,434.63
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified.....	435.19
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,366.13
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix.....	412.36
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,331.89
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified.....	400.94
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons.....	1,297.64
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix.....	389.53
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair (32 01 17 63)

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles. Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,524.27
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix.....	495.75
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,490.03
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified.....	484.33
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons.....	1,455.78

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32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	472.92
Note: Use for each ton over 3 tons.			

32 01 17 63-0017 Grind Asphalt (32 01 17 63)

32 01 17 63-0018	SY	Grinding Asphalt To Level Bump Or Raised Area.....	18.28
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32 01 17 63-0019 Asphalt Placement For Small Repairs (32 01 17 63)

Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.

32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....	1,977.34
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified	263.32
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	1,908.84
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Cold Mix.....	240.49
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons.....	1,874.60
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified.....	229.07
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0026	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	1,840.35
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			
32 01 17 63-0027	TON	Asphalt Placement For Small Repair Areas, Hot Mix.....	217.66
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.			

32 01 26 Rigid Paving Rehabilitation (32 01)
32 01 26 71 Grooving Of Concrete Paving (32 01 26)
32 01 26 71-0001 Roadway Grooving (32 01 26 71)

32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal.....	3,101.33
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	2.87
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse.....	3,454.99
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	3.74

32 01 26 71-0006 Rumble Strips (32 01 26 71)

32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	3,642.28
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	0.66
<i>For > 52,500, Deduct</i>			
-0.10			
32 01 26 71-0009	EA	First 2000 LF Of MIARDS, Rumble Strips, Concrete	4,058.99
32 01 26 71-0010	LF	Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete.....	0.74
<i>For > 20,000, Deduct</i>			
-0.09			

32 01 26 71-0011 Boat Ramps Grooving (32 01 26 71)

32 01 26 71-0012	SY	Concrete Grooving, Boat Ramps	1.63
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32 01 90 Operation And Maintenance Of Planting (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing (32 01 90)

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	12.39
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid).....	9.09
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	9.95
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid).....	8.17

32 01 90 23 Pruning (32 01 90)
32 01 90 23-0001 Tree Pruning (32 01 90 23)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.

32 01 90 23-0002 Tree Pruning; Crown Cleaning (32 01 90 23-0001)

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	26.19
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	29.94
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	33.67

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 90 Operation And Maintenance Of Planting**
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32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	37.42	
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	56.87	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	91.62	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	99.52	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	174.50	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	159.36	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	279.13	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	184.14	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	322.80	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	214.06	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	375.15	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	260.57	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	453.74	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	323.69	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	571.85	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	443.35	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	775.06	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	703.35	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,246.42	

32 01 90 23-0025**Tree Pruning; Crown Thinning** (32 01 90 23-0001)

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	32.11	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	36.67	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	41.23	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	45.88	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	69.68	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	112.20	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	121.91	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	213.76	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	195.25	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	341.93	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	225.56	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	395.42	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	262.23	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	459.55	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	319.18	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	555.86	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	396.49	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	700.52	
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	543.08	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	949.45	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	861.59	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,526.87	

32 01 90 23-0048**Tree Pruning; Crown Raising** (32 01 90 23-0001)

Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.

32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	35.40	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	40.41	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	45.50	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	50.51	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	76.79	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	123.72	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	134.33	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	235.58	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	215.16	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	376.83	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	248.60	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	435.81	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	289.02	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	506.48	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	351.81	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	612.58	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	436.97	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	771.98	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	598.54	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,046.29	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	949.53	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,682.69	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 90 23-0071

Tree Pruning; Crown Reduction (32 01 90 23-0001)

Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.

32 01 90 23-0072	EA 1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	38.02	
32 01 90 23-0073	EA 2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	43.40	
32 01 90 23-0074	EA 2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	48.87	
32 01 90 23-0075	EA 3" Caliper, Tree Pruning (Crown Reduction), By Hand.....	54.26	
32 01 90 23-0076	EA 4" Caliper, Tree Pruning (Crown Reduction), By Hand.....	82.47	
32 01 90 23-0077	EA 4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	132.88	
32 01 90 23-0078	EA 6" Caliper, Tree Pruning (Crown Reduction), By Hand.....	144.28	
32 01 90 23-0079	EA 6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	253.02	
32 01 90 23-0080	EA 9" Caliper, Tree Pruning (Crown Reduction), By Hand.....	231.10	
32 01 90 23-0081	EA 9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	404.75	
32 01 90 23-0082	EA 12" Caliper, Tree Pruning (Crown Reduction), By Hand.....	267.02	
32 01 90 23-0083	EA 12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	468.10	
32 01 90 23-0084	EA 18" Caliper, Tree Pruning (Crown Reduction), By Hand.....	310.42	
32 01 90 23-0085	EA 18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	544.00	
32 01 90 23-0086	EA 24" Caliper, Tree Pruning (Crown Reduction), By Hand.....	377.85	
32 01 90 23-0087	EA 24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	657.95	
32 01 90 23-0088	EA 30" Caliper, Tree Pruning (Crown Reduction), By Hand.....	469.38	
32 01 90 23-0089	EA 30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	829.21	
32 01 90 23-0090	EA 36" Caliper, Tree Pruning (Crown Reduction), By Hand.....	642.84	
32 01 90 23-0091	EA 36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	1,123.86	
32 01 90 23-0092	EA 48" Caliper, Tree Pruning (Crown Reduction), By Hand.....	1,019.87	
32 01 90 23-0093	EA 48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	1,807.28	

32 01 90 23-0094

Tree Pruning; Crown Restoration (32 01 90 23-0001)

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0095	EA 1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	43.63	
32 01 90 23-0096	EA 2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	49.92	
32 01 90 23-0097	EA 2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	56.13	
32 01 90 23-0098	EA 3" Caliper, Tree Pruning (Crown Restoration), By Hand.....	62.34	
32 01 90 23-0099	EA 4" Caliper, Tree Pruning (Crown Restoration), By Hand.....	94.74	
32 01 90 23-0100	EA 4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	152.68	
32 01 90 23-0101	EA 6" Caliper, Tree Pruning (Crown Restoration), By Hand.....	165.84	
32 01 90 23-0102	EA 6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	290.80	
32 01 90 23-0103	EA 9" Caliper, Tree Pruning (Crown Restoration), By Hand.....	265.60	
32 01 90 23-0104	EA 9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	465.22	
32 01 90 23-0105	EA 12" Caliper, Tree Pruning (Crown Restoration), By Hand.....	306.90	
32 01 90 23-0106	EA 12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	537.98	
32 01 90 23-0107	EA 18" Caliper, Tree Pruning (Crown Restoration), By Hand.....	356.75	
32 01 90 23-0108	EA 18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	625.23	
32 01 90 23-0109	EA 24" Caliper, Tree Pruning (Crown Restoration), By Hand.....	434.27	
32 01 90 23-0110	EA 24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	756.28	
32 01 90 23-0111	EA 30" Caliper, Tree Pruning (Crown Restoration), By Hand.....	539.49	
32 01 90 23-0112	EA 30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	953.12	
32 01 90 23-0113	EA 36" Caliper, Tree Pruning (Crown Restoration), By Hand.....	738.93	
32 01 90 23-0114	EA 36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	1,291.82	
32 01 90 23-0115	EA 48" Caliper, Tree Pruning (Crown Restoration), By Hand.....	1,172.23	
32 01 90 23-0116	EA 48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	2,077.41	

32 01 90 23-0118

Shrub Pruning (32 01 90 23)

32 01 90 23-0119	MSF Shrub Pruning, Prune, Shrub Bed.....	85.28	
32 01 90 23-0120	EA Shrub Pruning, Prune, Shrub Under 3' Height.....	3.00	
32 01 90 23-0121	EA Shrub Pruning, Prune, Shrub 4' Height.....	6.73	
32 01 90 23-0122	EA Shrub Pruning, Prune, Shrub Over 6'.....	11.97	
32 01 90 23-0123	EA Shrub Pruning, Prune Trees From Ground.....	29.94	
32 01 90 23-0124	EA Shrub Pruning, Prune Trees From Ground, High Work.....	74.83	

32 01 90 23-0125

Root Pruning (32 01 90 23)

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0126	EA Root Pruning, One Side Of Up To 1-1/2" Caliper Tree.....	14.97	
32 01 90 23-0127	EA Root Pruning, One Side Of 2" Caliper Tree.....	18.71	
32 01 90 23-0128	EA Root Pruning, One Side Of 2-1/2" Caliper Tree.....	22.45	
32 01 90 23-0129	EA Root Pruning, One Side Of 3" Caliper Tree.....	29.94	
32 01 90 23-0130	EA Root Pruning, One Side Of 4" Caliper Tree.....	44.91	
32 01 90 23-0131	EA Root Pruning, One Side Of 6" Caliper Tree.....	56.13	
32 01 90 23-0132	EA Root Pruning, One Side Of 9" Caliper Tree.....	78.58	
32 01 90 23-0133	EA Root Pruning, One Side Of 12" Caliper Tree.....	89.80	
32 01 90 23-0134	EA Root Pruning, One Side Of 18" Caliper Tree.....	104.77	
32 01 90 23-0135	EA Root Pruning, One Side Of 24" Caliper Tree.....	130.96	
32 01 90 23-0136	EA Root Pruning, One Side Of 30" Caliper Tree.....	160.90	
32 01 90 23-0137	EA Root Pruning, One Side Of 36" Caliper Tree.....	187.09	
32 01 90 23-0138	EA Root Pruning, One Side Of 48" Caliper Tree.....	224.51	

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 90 Operation And Maintenance Of Planting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 01 90 26**Watering** (32 01 90)

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001**Watering Lawns, Plants And Trees** (32 01 90 26)

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	34.82
32 01 90 26-0003	CSF	Watering Groundcover	5.46
32 01 90 26-0004	CSF	Watering Annuals And Perennials	9.78
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	19.12
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand.....	25.12
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand.....	31.13
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand.....	38.32
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	9.61

32 01 90 36**Weed And Brush Control** (32 01 90)**32 01 90 36-0001****Herbicide, Push Or Hand Spreader Applied** (32 01 90 36)

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	6.71
		<i>For >45 To 90, Deduct</i>	-0.36
		<i>For >90 To 225, Deduct</i>	-1.03
		<i>For >225 To 870, Deduct</i>	-1.70
		<i>For >870, Deduct</i>	-2.06
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	7.09
		<i>For >45 To 90, Deduct</i>	-0.40
		<i>For >90 To 225, Deduct</i>	-1.11
		<i>For >225 To 870, Deduct</i>	-1.82
		<i>For >870, Deduct</i>	-2.21
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF)	7.07
		Note: Includes pre and post emergent.	
		<i>For >45 To 90, Deduct</i>	-0.40
		<i>For >90 To 225, Deduct</i>	-1.10
		<i>For >225 To 870, Deduct</i>	-1.81
		<i>For >870, Deduct</i>	-2.20
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)	7.30
		Note: Includes pre and post emergents.	
		<i>For >45 To 90, Deduct</i>	-0.42
		<i>For >90 To 225, Deduct</i>	-1.15
		<i>For >225 To 870, Deduct</i>	-1.88
		<i>For >870, Deduct</i>	-2.30

32 01 90 39**Pesticides** (32 01 90)

32 01 90 39-0001	MSF	Pesticide - Surface Eating	9.46
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	9.49
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	10.23

32 10 Bases, Ballasts, And Paving (32)**32 11 Base Courses** (32 10)**32 11 16 Subbase Courses** (32 11)**32 11 16 16 Aggregate Subbase Courses** (32 11 16)**32 11 16 16-0001****Base And Subbase Courses For Roadways And Parking Areas** (32 11 16 16)

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 11 16 16-0002**Base And Subbase Courses By The CY** (32 11 16 16-0001)

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	73.08
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	70.47

32 11 16 16-0005**Class II Base Courses By The SY** (32 11 16 16-0001)

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	4.04
		<i>For Up To 500, Add</i>	1.05
		<i>For >500 To 1,000, Add</i>	0.40
		<i>For >5,000 To 10,000, Deduct</i>	-0.15
		<i>For >10,000, Deduct</i>	-0.26
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	8.07
		<i>For Up To 500, Add</i>	2.10
		<i>For >500 To 1,000, Add</i>	0.81
		<i>For >5,000 To 10,000, Deduct</i>	-0.31
		<i>For >10,000, Deduct</i>	-0.52
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	12.11
		<i>For Up To 500, Add</i>	3.15
		<i>For >500 To 1,000, Add</i>	1.21
		<i>For >5,000 To 10,000, Deduct</i>	-0.46
		<i>For >10,000, Deduct</i>	-0.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 11 16 16-0009	SY		9" Class II Crushed Aggregate Base Course.....	18.16	
			For Up To 500, Add	4.73	
			For >500 To 1,000, Add	1.82	
			For >5,000 To 10,000, Deduct	-0.69	
			For >10,000, Deduct	-1.18	
32 11 16 16-0010	SY		12" Class II Crushed Aggregate Base Course.....	24.20	
			For Up To 500, Add	6.30	
			For >500 To 1,000, Add	2.42	
			For >5,000 To 10,000, Deduct	-0.92	
			For >10,000, Deduct	-1.57	

32 11 23 Aggregate Base Courses (32 11)
32 11 23 16 Aggregate Base Courses (32 11 23)
32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) (32 11 23 16)

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 11 23 16-0002	SF		2" Crushed Aggregate Base Course For Sidewalks	0.50	
			For Up To 1,000, Add	0.14	
			For >1,000 To 2,500, Add	0.05	
32 11 23 16-0003	SF		3" Crushed Aggregate Base Course For Sidewalks	0.70	
			For Up To 1,000, Add	0.20	
			For >1,000 To 2,500, Add	0.07	
32 11 23 16-0004	SF		4" Crushed Aggregate Base Course For Sidewalks	0.91	
			For Up To 1,000, Add	0.25	
			For >1,000 To 2,500, Add	0.09	
32 11 23 16-0005	SF		5" Crushed Aggregate Base Course For Sidewalks	1.17	
			For Up To 1,000, Add	0.33	
			For >1,000 To 2,500, Add	0.12	
32 11 23 16-0006	SF		6" Crushed Aggregate Base Course For Sidewalks	1.45	
			For Up To 1,000, Add	0.40	
			For >1,000 To 2,500, Add	0.15	
32 11 23 16-0007	SF		7" Crushed Aggregate Base Course For Sidewalks	1.66	
			For Up To 1,000, Add	0.46	
			For >1,000 To 2,500, Add	0.17	
32 11 23 16-0008	SF		8" Crushed Aggregate Base Course For Sidewalks	1.89	
			For Up To 1,000, Add	0.53	
			For >1,000 To 2,500, Add	0.19	

32 11 26 Asphaltic Base Courses (32 11)
32 11 26 19 Bituminous-Stabilized Base Courses (32 11 26)
32 11 26 19-0001 Bituminous-Stabilized Base Courses (32 11 26 19)

32 11 26 19-0002	CY		Bituminous Stabilized Base Course.....	93.88	
			Note: 3/4" ASTM C33.		

32 12 Flexible Paving (32 10)
32 12 13 Preparatory Coats (32 12)
32 12 13 13 Tack Coats (32 12 13)

32 12 13 13-0001	SY		Tack Coat, 0.04 Gallon/SY	0.49	
			For Up To 150, Add	0.09	
			For >150 To 300, Add	0.05	
			For >300 To 500, Add	0.02	
			For >3,500 To 5,000, Deduct	-0.01	
			For >5,000, Deduct	-0.03	
32 12 13 13-0002	SY		Tack Coat, 0.05 Gallon/SY	0.54	
			For Up To 150, Add	0.11	
			For >150 To 300, Add	0.05	
			For >300 To 500, Add	0.03	
			For >3,500 To 5,000, Deduct	-0.01	
			For >5,000, Deduct	-0.03	
32 12 13 13-0003	SY		Tack Coat, 0.07 Gallon/SY	0.64	
			For Up To 150, Add	0.13	
			For >150 To 300, Add	0.06	
			For >300 To 500, Add	0.03	
			For >3,500 To 5,000, Deduct	-0.02	
			For >5,000, Deduct	-0.04	
32 12 13 13-0004	SY		Tack Coat, 0.08 Gallon/SY	0.69	
			For Up To 150, Add	0.14	
			For >150 To 300, Add	0.07	
			For >300 To 500, Add	0.03	
			For >3,500 To 5,000, Deduct	-0.02	
			For >5,000, Deduct	-0.04	
32 12 13 13-0005	SY		Tack Coat, 0.10 Gallon/SY	0.80	
			For Up To 150, Add	0.17	
			For >150 To 300, Add	0.08	
			For >300 To 500, Add	0.04	
			For >3,500 To 5,000, Deduct	-0.02	
			For >5,000, Deduct	-0.05	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 12 Flexible Paving**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	0.85
		<i>For Up To 150, Add</i>	0.18
		<i>For >150 To 300, Add</i>	0.09
		<i>For >300 To 500, Add</i>	0.04
		<i>For >3,500 To 5,000, Deduct</i>	-0.02
		<i>For >5,000, Deduct</i>	-0.06

32 12 13 19 Prime Coats (32 12 13)

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.41
		<i>For Up To 150, Add</i>	0.32
		<i>For >150 To 300, Add</i>	0.14
		<i>For >300 To 500, Add</i>	0.07
		<i>For >3,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000, Deduct</i>	-0.10
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	1.49
		<i>For Up To 150, Add</i>	0.34
		<i>For >150 To 300, Add</i>	0.15
		<i>For >300 To 500, Add</i>	0.07
		<i>For >3,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000, Deduct</i>	-0.10
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	1.57
		<i>For Up To 150, Add</i>	0.36
		<i>For >150 To 300, Add</i>	0.16
		<i>For >300 To 500, Add</i>	0.08
		<i>For >3,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000, Deduct</i>	-0.11

32 12 16 Asphalt Paving (32 12)**32 12 16 13 Plant-Mix Asphalt Paving** (32 12 16)

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) (32 12 16 13)

Note: Meets Caltrans requirements.

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Course 3,954 LB/CY	130.47
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	
		<i>For Warm Mix Additive, Add</i>	6.82
		<i>For Up To 25, Add</i>	17.65
		<i>For >25 To 50, Add</i>	9.72
		<i>For >500 To 1,000, Deduct</i>	-5.64
		<i>For >1,000 To 2,500, Deduct</i>	-10.22
		<i>For >2,500 To 5,000, Deduct</i>	-15.86
		<i>For >5,000, Deduct</i>	-22.74
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Binder Course	7.38
		Note: Includes placement, rolling, finishing and sweeping.	
		<i>For Up To 1,000, Add</i>	1.03
		<i>For >1,000 To 2,000, Add</i>	0.57
		<i>For >10,000 To 20,000, Deduct</i>	-0.32
		<i>For >20,000 To 50,000, Deduct</i>	-0.58
		<i>For >50,000 To 100,000, Deduct</i>	-0.90
		<i>For >100,000, Deduct</i>	-1.30
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Binder Course	10.96
		Note: Includes placement, rolling, finishing and sweeping.	
		<i>For Up To 700, Add</i>	1.51
		<i>For >700 To 1,400, Add</i>	0.84
		<i>For >7,000 To 14,000, Deduct</i>	-0.48
		<i>For >14,000 To 32,000, Deduct</i>	-0.87
		<i>For >32,000 To 64,000, Deduct</i>	-1.35
		<i>For >64,000, Deduct</i>	-1.94
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Binder Course	14.20
		Note: Includes placement, rolling, finishing and sweeping.	
		<i>For Up To 500, Add</i>	1.90
		<i>For >500 To 1,000, Add</i>	1.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.63
		<i>For >10,000 To 24,000, Deduct</i>	-1.14
		<i>For >24,000 To 48,000, Deduct</i>	-1.77
		<i>For >48,000, Deduct</i>	-2.55
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Binder Course	17.91
		Note: Includes placement, rolling, finishing and sweeping.	
		<i>For Up To 400, Add</i>	2.42
		<i>For >400 To 800, Add</i>	1.33
		<i>For >4,000 To 8,000, Deduct</i>	-0.79
		<i>For >8,000 To 20,000, Deduct</i>	-1.44
		<i>For >20,000 To 40,000, Deduct</i>	-2.23
		<i>For >40,000, Deduct</i>	-3.20
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Binder Course	21.49
		Note: Includes placement, rolling, finishing and sweeping.	
		<i>For Up To 340, Add</i>	2.91
		<i>For >340 To 680, Add</i>	2.46
		<i>For >3,400 To 6,800, Deduct</i>	-0.95
		<i>For >6,800 To 17,000, Deduct</i>	-1.72
		<i>For >17,000 To 34,000, Deduct</i>	-2.67
		<i>For >34,000, Deduct</i>	-3.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0008	SY		3-1/2" Thick Bituminous Hot Mix Binder Course .....25.08 Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 280, Add	3.39	
			For >280 To 560, Add	1.87	
			For >2,800 To 5,600, Deduct	-1.11	
			For >5,600 To 14,000, Deduct	-2.01	
			For >14,000 To 28,000, Deduct	-3.12	
			For >28,000, Deduct	-4.47	
32 12 16 13-0009	SY		4" Thick Bituminous Hot Mix Binder Course .....28.66 Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 250, Add	3.88	
			For >250 To 500, Add	2.14	
			For >2,500 To 5,000, Deduct	-1.26	
			For >5,000 To 12,000, Deduct	-2.30	
			For >12,000 To 24,000, Deduct	-3.56	
			For >24,000, Deduct	-5.11	
32 12 16 13-0010	SY		5" Thick Bituminous Hot Mix Binder Course .....35.82 Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 200, Add	4.85	
			For >200 To 400, Add	2.67	
			For >2,000 To 4,000, Deduct	-1.58	
			For >4,000 To 10,000, Deduct	-2.87	
			For >10,000 To 20,000, Deduct	-4.45	
			For >20,000, Deduct	-6.39	
32 12 16 13-0011	SY		6" Thick Bituminous Hot Mix Binder Course .....42.98 Note: Includes placement, rolling, finishing and sweeping.		
			For Up To 160, Add	5.81	
			For >160 To 320, Add	3.20	
			For >1,600 To 3,200, Deduct	-1.90	
			For >3,200 To 8,000, Deduct	-3.45	
			For >8,000 To 16,000, Deduct	-5.34	
			For >16,000, Deduct	-7.67	
32 12 16 13-0012			Surface Courses, Hot Mix Asphalt (HMA) <small>(32 12 16 13)</small>		
			Note: Meets Caltrans requirements.		
32 12 16 13-0013	TON		Bituminous Hot Mix Surface Course 3954 LB/CY .....132.08 Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
			For PG64-10 Asphalt, Add	2.50	
			For Warm Mix Additive, Add	6.51	
			For Up To 25, Add	18.96	
			For >25 To 50, Add	10.60	
			For >500 To 1,000, Deduct	-5.49	
			For >1,000 To 2,500, Deduct	-9.99	
			For >2,500 To 5,000, Deduct	-15.48	
			For >5,000, Deduct	-22.22	
32 12 16 13-0014	TON		Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR) .....146.41 Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
			For Warm Mix Additive, Add	7.09	
			For Up To 25, Add	21.36	
			For >25 To 50, Add	11.98	
			For >500 To 1,000, Deduct	-6.03	
32 12 16 13-0015	TON		Asphalt Rubberized Hot Mix (ARHM) Surface Course .....156.42 Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
			For Warm Mix Additive, Add	7.74	
			For Up To 25, Add	22.36	
			For >25 To 50, Add	12.48	
			For >500 To 1,000, Deduct	-6.53	
			For >1,000 To 2,500, Deduct	-11.86	
			For >2,500 To 5,000, Deduct	-18.39	
			For >5,000, Deduct	-26.39	
32 12 16 13-0016	SY		1" Thick Bituminous Hot Mix Surface Course .....7.17 Note: Includes placement, rolling, finishing and sweeping.		
			For PG64-10 Asphalt, Add	0.13	
			For Up To 1,000, Add	1.06	
			For >1,000 To 2,000, Add	0.60	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000 To 50,000, Deduct	-0.55	
			For >50,000 To 100,000, Deduct	-0.85	
			For >100,000, Deduct	-1.22	
32 12 16 13-0017	SY		1-1/2" Thick Bituminous Hot Mix Surface Course .....10.63 Note: Includes placement, rolling, finishing and sweeping.		
			For PG64-10 Asphalt, Add	0.20	
			For Up To 700, Add	1.56	
			For >700 To 1,400, Add	0.88	
			For >7,000 To 14,000, Deduct	-0.45	
			For >14,000 To 32,000, Deduct	-0.82	
			For >32,000 To 64,000, Deduct	-1.27	
			For >64,000, Deduct	-1.82	
32 12 16 13-0018	SY		2" Thick Bituminous Hot Mix Surface Course .....13.68 Note: Includes placement, rolling, finishing and sweeping.		
			For PG64-10 Asphalt, Add	0.26	
			For Up To 500, Add	1.94	
			For >500 To 1,000, Add	1.08	
			For >5,000 To 10,000, Deduct	-0.59	
			For >10,000 To 24,000, Deduct	-1.07	
			For >24,000 To 48,000, Deduct	-1.66	
			For >48,000, Deduct	-2.39	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 12 Flexible Paving

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0019	SY		2-1/2" Thick Bituminous Hot Mix Surface Course Note: Includes placement, rolling, finishing and sweeping.	17.31	
			For PG64-10 Asphalt, Add	0.33	
			For Up To 400, Add	2.49	
			For >400 To 800, Add	1.39	
			For >4,000 To 8,000, Deduct	-0.74	
			For >8,000 To 20,000, Deduct	-1.35	
			For >20,000 To 40,000, Deduct	-2.09	
			For >40,000, Deduct	-3.00	
32 12 16 13-0020	SY		3" Thick Bituminous Hot Mix Surface Course Note: Includes placement, rolling, finishing and sweeping.	20.76	
			For PG64-10 Asphalt, Add	0.39	
			For Up To 340, Add	2.98	
			For >340 To 680, Add	2.45	
			For >3,400 To 6,800, Deduct	-0.89	
			For >6,800 To 17,000, Deduct	-1.62	
			For >17,000 To 34,000, Deduct	-2.50	
			For >34,000, Deduct	-3.60	
32 12 16 13-0021	CSF		Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench.....	59.64	
32 12 16 13-0022			Hand Placed, Hot Mix Asphalt (HMA) (32 12 16 13)		
32 12 16 13-0023	TON		Hand Placed Hot Mixed Asphalt 3,954 LB/CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	313.11	
32 12 16 19			Cold-Mix Asphalt Paving (32 12 16)		
			Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.		
32 12 16 19-0001			Cold Mix Asphalt (CMA) Pavement (32 12 16 19)		
			Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.		
32 12 16 19-0002	SY		Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course.....	11.61	
32 12 16 19-0003	SY		Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course.....	11.31	
32 12 16 19-0004	SY		Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	18.45	
32 12 16 39			Paving Fabrics (32 12 16)		
			See CSI section 31 32 19 16-0000 for geotextile fabric.		
32 12 16 39-0001	SY		3.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	0.92	
			For Up To 50, Add	0.22	
			For >50 To 150, Add	0.16	
			For >150 To 250, Add	0.10	
			For >250 To 500, Add	0.05	
32 12 16 39-0002	SY		4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	0.99	
			For Up To 50, Add	0.23	
			For >50 To 150, Add	0.17	
			For >150 To 250, Add	0.11	
			For >250 To 500, Add	0.06	
32 12 16 43			Waterproofing Membranes (32 12 16)		
32 12 16 43-0001			Waterproofing Membranes (32 12 16 43)		
32 12 16 43-0002	SY		Up To 500 SY, Preformed Rubberized Asphalt Membrane	30.23	
32 12 16 43-0003	SY		>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	22.74	
32 12 16 43-0004	SY		>1,000 SY, Preformed Rubberized Asphalt Membrane	14.25	
32 12 33			Flexible Paving Surface Treatments (32 12)		
32 12 33 00-0001			Bituminous Surface Treatment For Roadways (32 12 33)		
			Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.		
32 12 33 00-0002	SY		Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	2.68	
32 12 33 00-0003	SY		Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	4.82	
32 12 33 00-0004			Bituminous Surface Treatment For Trails (32 12 33)		
			Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.		
32 12 33 00-0005	SY		Bituminous Surface Treatment, For Trails	1.88	
32 12 36			Seal Coats (32 12)		
			See CSI section 32 01 13 62-0000 for slurry seal.		
32 12 36 13			Asphaltic Seal and Fog Coats (32 12 36)		
32 12 36 13-0001			Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13)		
			Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.		
32 12 36 13-0002			Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)		
			Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0003	SY		Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.60	
			For Each Additional 0.5% Latex Additive, Add	0.21	
32 12 36 13-0004	SY		>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.45	
			For Each Additional 0.5% Latex Additive, Add	0.21	
32 12 36 13-0005	SY		>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.34	
			For Each Additional 0.5% Latex Additive, Add	0.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0006	SY		>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.21	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.21	
32 12 36 13-0007	SY		>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.14	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.21	
32 12 36 13-0008	SY		>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.09	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.21	
32 12 36 13-0009	SY		>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.02	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.21	
32 12 36 13-0010	SY		>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	1.99	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.21	
32 12 36 13-0011			Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>		
			Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		
32 12 36 13-0012	SY		Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.13	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0013	SY		>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.93	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0014	SY		>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.78	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0015	SY		>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.73	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0016	SY		>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.52	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0017	SY		>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.41	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0018	SY		>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.32	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0019	SY		>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.29	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.26	
32 12 36 13-0020			Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>		
			Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0021	SY		Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.55	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0022	SY		>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.30	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0023	SY		>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.12	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0024	SY		>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.91	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0025	SY		>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.80	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0026	SY		>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.62	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0027	SY		>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.52	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0028	SY		>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.47	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.30	
32 12 36 13-0029			Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>		
			Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0030	SY		Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.61	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0031	SY		>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.37	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0032	SY		>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	3.19	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0033	SY		>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.98	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0034	SY		>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.86	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0035	SY		>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.75	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0036	SY		>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.59	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0037	SY		>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	2.54	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.35	
32 12 36 13-0038			Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>		
			Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0039	SY		Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.63	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51	
32 12 36 13-0040	SY		>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.24	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51	
32 12 36 13-0041	SY		>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.95	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51	
32 12 36 13-0042	SY		>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.62	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51	
32 12 36 13-0043	SY		>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.42	
			<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 12 Flexible Paving

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.20
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.03
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.95
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.51

32 12 36 13-0047 Fog Seal, CQS-1h (32 12 36 13)

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0048	SY	Up To 200 SY, CQS-1h, Fog Seal	1.28
32 12 36 13-0049	SY	>200 To 500 SY, CQS-1h, Fog Seal	0.88
32 12 36 13-0050	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	0.72
32 12 36 13-0051	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	0.59
32 12 36 13-0052	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.52
32 12 36 13-0053	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.46
32 12 36 13-0054	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.41
32 12 36 13-0055	SY	>50,000 SY, CQS-1h, Fog Seal	0.40

32 12 36 13-0056 Sand Sealer (32 12 36 13)

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0057	SY	Up To 200 SY, Sand Seal	1.97
32 12 36 13-0058	SY	>200 To 500 SY, Sand Seal	1.26
32 12 36 13-0059	SY	>500 To 1,000 SY, Sand Seal	1.25
32 12 36 13-0060	SY	>1,000 To 5,000 SY, Sand Seal	1.08
32 12 36 13-0061	SY	>5,000 To 10,000 SY, Sand Seal	0.99
32 12 36 13-0062	SY	>10,000 To 20,000 SY, Sand Seal	0.92
32 12 36 13-0063	SY	>20,000 To 50,000 SY, Sand Seal	0.86
32 12 36 13-0064	SY	>50,000 SY, Sand Seal	0.84

32 12 36 16 Coal Tar Seal Coats (32 12 36)

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal (32 12 36 16)

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	7.17
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	6.63
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	5.80
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	5.11
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.28
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	3.43
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	8.42
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	7.83
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	6.88
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	6.10
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	5.14
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	4.16

32 12 43 Porous Flexible Paving (32 12)

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid (32 12 43)

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	27.12
		Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	
		<i>For Up To 100, Add</i>	9.66
		<i>For >100 To 500, Add</i>	2.51
		<i>For >1,000 To 5,000, Deduct</i>	-1.15
		<i>For >5,000, Deduct</i>	-2.20

32 12 73 Asphalt Paving Joint Sealants (32 12)

32 12 73 00-0001 Expansion Joint In Sidewalk (32 12 73)

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.89
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32 13 Rigid Paving (32 10)

32 13 13 Concrete Paving (32 13)

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving (32 13 13)

32 13 13 33-0001 Concrete Paving Assemblies (32 13 13 33)

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly (32 13 13 33-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
32 13 13 33-0003	SY	4"	4,500 PSI Concrete Paving Assembly.....	53.34	
			For 2,500 PSI Concrete, Deduct	-3.37	
			For 3,000 PSI Concrete, Deduct	-2.20	
			For 3,500 PSI Concrete, Deduct	-1.76	
			For 4,000 PSI Concrete, Deduct	-0.76	
			For 5,000 PSI Concrete, Add	0.47	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.81	
			For <12' Wide Pass, Add	8.94	
			For 24' Or Greater Wide Pass, Deduct	-10.67	
			For Air Entrainment, Add	1.46	
			For Slipforming, Deduct	-5.33	
			For Up To 100, Add	20.29	
			For >100 To 250, Add	11.61	
			For >250 To 500, Add	5.81	
			For >1,000 To 2,000, Deduct	-1.46	
			For >2,000 To 5,000, Deduct	-2.80	
			For >5,000 To 10,000, Deduct	-4.13	
			For >10,000 To 20,000, Deduct	-5.46	
			For >20,000, Deduct	-6.80	
32 13 13 33-0004	SY	5"	4,500 PSI Concrete Paving Assembly.....	63.49	
			For 2,500 PSI Concrete, Deduct	-4.23	
			For 3,000 PSI Concrete, Deduct	-2.76	
			For 3,500 PSI Concrete, Deduct	-2.21	
			For 4,000 PSI Concrete, Deduct	-0.96	
			For 5,000 PSI Concrete, Add	0.59	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	4.78	
			For <12' Wide Pass, Add	10.36	
			For 24' Or Greater Wide Pass, Deduct	-12.70	
			For Air Entrainment, Add	1.84	
			For Slipforming, Deduct	-6.35	
			For Up To 100, Add	23.39	
			For >100 To 250, Add	13.53	
			For >250 To 500, Add	6.77	
			For >1,000 To 2,000, Deduct	-1.84	
			For >2,000 To 5,000, Deduct	-3.42	
			For >5,000 To 10,000, Deduct	-5.01	
			For >10,000 To 20,000, Deduct	-6.60	
			For >20,000, Deduct	-8.19	
32 13 13 33-0005	SY	6"	4,500 PSI Concrete Paving Assembly.....	67.73	
			For 2,500 PSI Concrete, Deduct	-4.46	
			For 3,000 PSI Concrete, Deduct	-2.91	
			For 3,500 PSI Concrete, Deduct	-2.33	
			For 4,000 PSI Concrete, Deduct	-1.01	
			For 5,000 PSI Concrete, Add	0.62	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.04	
			For <12' Wide Pass, Add	11.12	
			For 24' Or Greater Wide Pass, Deduct	-13.55	
			For Air Entrainment, Add	1.94	
			For Slipforming, Deduct	-6.77	
			For Up To 100, Add	25.13	
			For >100 To 250, Add	14.50	
			For >250 To 500, Add	7.25	
			For >1,000 To 2,000, Deduct	-1.94	
			For >2,000 To 5,000, Deduct	-3.63	
			For >5,000 To 10,000, Deduct	-5.33	
			For >10,000 To 20,000, Deduct	-7.02	
			For >20,000, Deduct	-8.71	
32 13 13 33-0006	SY	7"	4,500 PSI Concrete Paving Assembly.....	80.97	
			For 2,500 PSI Concrete, Deduct	-5.62	
			For 3,000 PSI Concrete, Deduct	-3.67	
			For 3,500 PSI Concrete, Deduct	-2.93	
			For 4,000 PSI Concrete, Deduct	-1.27	
			For 5,000 PSI Concrete, Add	0.78	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	6.36	
			For <12' Wide Pass, Add	12.91	
			For 24' Or Greater Wide Pass, Deduct	-16.19	
			For Air Entrainment, Add	2.44	
			For Slipforming, Deduct	-8.10	
			For Up To 100, Add	29.03	
			For >100 To 250, Add	16.96	
			For >250 To 500, Add	8.48	
			For >1,000 To 2,000, Deduct	-2.44	
			For >2,000 To 5,000, Deduct	-4.47	
			For >5,000 To 10,000, Deduct	-6.49	
			For >10,000 To 20,000, Deduct	-8.52	
			For >20,000, Deduct	-10.54	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 13 Rigid Paving**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13	13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly.....	92.16	
			For 2,500 PSI Concrete, Deduct	-6.17	
			For 3,000 PSI Concrete, Deduct	-4.02	
			For 3,500 PSI Concrete, Deduct	-3.22	
			For 4,000 PSI Concrete, Deduct	-1.40	
			For 5,000 PSI Concrete, Add	0.86	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	6.98	
			For <12' Wide Pass, Add	14.99	
			For 24' Or Greater Wide Pass, Deduct	-18.43	
			For Air Entrainment, Add	2.68	
			For Slipforming, Deduct	-9.22	
			For Up To 100, Add	33.83	
			For >100 To 250, Add	19.60	
			For >250 To 500, Add	9.80	
			For >1,000 To 2,000, Deduct	-2.68	
			For >2,000 To 5,000, Deduct	-4.99	
			For >5,000 To 10,000, Deduct	-7.29	
			For >10,000 To 20,000, Deduct	-9.60	
			For >20,000, Deduct	-11.90	
32 13	13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly.....	104.51	
			For 2,500 PSI Concrete, Deduct	-7.13	
			For 3,000 PSI Concrete, Deduct	-4.65	
			For 3,500 PSI Concrete, Deduct	-3.72	
			For 4,000 PSI Concrete, Deduct	-1.61	
			For 5,000 PSI Concrete, Add	0.99	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	8.06	
			For <12' Wide Pass, Add	16.83	
			For 24' Or Greater Wide Pass, Deduct	-20.90	
			For Air Entrainment, Add	3.10	
			For Slipforming, Deduct	-10.45	
			For Up To 100, Add	37.90	
			For >100 To 250, Add	22.05	
			For >250 To 500, Add	11.03	
			For >1,000 To 2,000, Deduct	-3.10	
			For >2,000 To 5,000, Deduct	-5.71	
			For >5,000 To 10,000, Deduct	-8.33	
			For >10,000 To 20,000, Deduct	-10.94	
			For >20,000, Deduct	-13.55	
32 13	13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly.....	116.34	
			For 2,500 PSI Concrete, Deduct	-7.84	
			For 3,000 PSI Concrete, Deduct	-5.12	
			For 3,500 PSI Concrete, Deduct	-4.09	
			For 4,000 PSI Concrete, Deduct	-1.77	
			For 5,000 PSI Concrete, Add	1.09	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	8.87	
			For <12' Wide Pass, Add	18.85	
			For 24' Or Greater Wide Pass, Deduct	-23.27	
			For Air Entrainment, Add	3.41	
			For Slipforming, Deduct	-11.63	
			For Up To 100, Add	42.52	
			For >100 To 250, Add	24.67	
			For >250 To 500, Add	12.34	
			For >1,000 To 2,000, Deduct	-3.41	
			For >2,000 To 5,000, Deduct	-6.32	
			For >5,000 To 10,000, Deduct	-9.23	
			For >10,000 To 20,000, Deduct	-12.14	
			For >20,000, Deduct	-15.04	
32 13	13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly.....	138.52	
			For 2,500 PSI Concrete, Deduct	-9.29	
			For 3,000 PSI Concrete, Deduct	-6.06	
			For 3,500 PSI Concrete, Deduct	-4.85	
			For 4,000 PSI Concrete, Deduct	-2.10	
			For 5,000 PSI Concrete, Add	1.29	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	10.50	
			For <12' Wide Pass, Add	22.51	
			For 24' Or Greater Wide Pass, Deduct	-27.70	
			For Air Entrainment, Add	4.04	
			For Slipforming, Deduct	-13.85	
			For Up To 100, Add	50.80	
			For >100 To 250, Add	29.44	
			For >250 To 500, Add	14.72	
			For >1,000 To 2,000, Deduct	-4.04	
			For >2,000 To 5,000, Deduct	-7.50	
			For >5,000 To 10,000, Deduct	-10.96	
			For >10,000 To 20,000, Deduct	-14.43	
			For >20,000, Deduct	-17.89	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly.....	175.83	
		For 2,500 PSI Concrete, Deduct	-11.41	
		For 3,000 PSI Concrete, Deduct	-7.44	
		For 3,500 PSI Concrete, Deduct	-5.95	
		For 4,000 PSI Concrete, Deduct	-2.58	
		For 5,000 PSI Concrete, Add	1.59	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	12.89	
		For <12' Wide Pass, Add	29.08	
		For 24' Or Greater Wide Pass, Deduct	-35.17	
		For Air Entrainment, Add	4.96	
		For Slipforming, Deduct	-17.58	
		For Up To 100, Add	65.82	
		For >100 To 250, Add	37.87	
		For >250 To 500, Add	18.94	
		For >1,000 To 2,000, Deduct	-4.96	
		For >2,000 To 5,000, Deduct	-9.36	
		For >5,000 To 10,000, Deduct	-13.75	
		For >10,000 To 20,000, Deduct	-18.15	
		For >20,000, Deduct	-22.54	

32 13 16 Decorative Concrete Paving (32 13)
32 13 16 13 Patterned Concrete Paving (32 13 16)

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk.....	4.25	
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32 13 43 Pervious Concrete Paving (32 13)
32 13 43 00-0001 Pervious Concrete Assembly (32 13 43)

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving.....	12.80	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5,000 To 30,000, Deduct	-1.41	
		For >30,000 To 100,000, Deduct	-2.63	
		For >100,000, Deduct	-3.26	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving.....	15.98	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5,000 To 30,000, Deduct	-1.71	
		For >30,000 To 100,000, Deduct	-3.14	
		For >100,000, Deduct	-3.90	

32 13 73 Concrete Paving Joint Sealants (32 13)
32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants (32 13 73)
32 13 73 13-0001 Concrete Pavement Joint And Crack Repair (32 13 73 13)

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads.....	7.55	
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32 13 73 16 Field-Molded Concrete Paving Joint Sealants (32 13 73)
32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair (32 13 73 16)

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric.....	11.42	
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32 13 73 19 Compression Concrete Paving Joint Sealants (32 13 73)
32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement (32 13 73 19)

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	8.72	2.09
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	9.06	2.13
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	9.47	2.16
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	10.67	2.21
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	12.08	2.26
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	14.13	2.30
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	17.53	2.35

32 14 Unit Paving (32 10)
32 14 09 Paver Restraints (32 14)
32 14 09 00-0001 Paver Restraints (32 14 09)

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint.....	3.38	0.92
		For >1,000 To 2,000, Deduct	-0.42	
		For >2,000 To 4,000, Deduct	-0.61	
		For >4,000, Deduct	-0.78	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 14 Unit Paving

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint.....	3.63	0.92
		<i>For >500 To 1,000, Deduct</i>	-0.11	
		<i>For >1,000 To 2,000, Deduct</i>	-0.22	
		<i>For >2,000, Deduct</i>	-0.32	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint.....	3.51	0.92
		<i>For >250 To 500, Deduct</i>	-0.20	
		<i>For >500 To 1,000, Deduct</i>	-0.30	
		<i>For >1,000 To 1,500, Deduct</i>	-0.51	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint.....	4.07	0.92
		<i>For >250 To 500, Deduct</i>	-0.26	
		<i>For >500 To 1,000, Deduct</i>	-0.39	
		<i>For >1,000 To 1,500, Deduct</i>	-0.65	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint.....	5.17	0.92
		<i>For >250 To 500, Deduct</i>	-0.37	
		<i>For >500 To 1,000, Deduct</i>	-0.55	
		<i>For >1,000 To 1,500, Deduct</i>	-0.92	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint.....	6.00	0.92
		<i>For >250 To 500, Deduct</i>	-0.45	
		<i>For >500 To 1,000, Deduct</i>	-0.68	
		<i>For >1,000 To 1,500, Deduct</i>	-1.13	

32 14 11 Bedding For Unit Paving (32 14)

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk (32 14 11)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded.....	1.01	
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 500, Add</i>	0.12	
		<i>For >1,000 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000, Deduct</i>	-0.12	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded.....	1.23	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 500, Add</i>	0.14	
		<i>For >1,000 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000, Deduct</i>	-0.13	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded.....	1.61	
		<i>For Up To 100, Add</i>	0.62	
		<i>For >100 To 500, Add</i>	0.17	
		<i>For >1,000 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000, Deduct</i>	-0.15	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded.....	2.04	
		<i>For Up To 100, Add</i>	0.77	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >1,000 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000, Deduct</i>	-0.19	
32 14 11 00-0006	SF	1" Mortar Bedding.....	3.01	
		<i>For Up To 100, Add</i>	1.35	
		<i>For >100 To 500, Add</i>	0.39	
		<i>For >1,000 To 5,000, Deduct</i>	-0.24	
		<i>For >5,000, Deduct</i>	-0.38	
32 14 11 00-0007	SF	2" Mortar Bedding.....	4.43	
		<i>For Up To 100, Add</i>	1.91	
		<i>For >100 To 500, Add</i>	0.54	
		<i>For >1,000 To 5,000, Deduct</i>	-0.32	
		<i>For >5,000, Deduct</i>	-0.52	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar.....	1.56	
		<i>For Up To 100, Add</i>	0.71	
		<i>For >100 To 500, Add</i>	0.21	
		<i>For >1,000 To 5,000, Deduct</i>	-0.13	
		<i>For >5,000, Deduct</i>	-0.20	

32 14 13 Precast Concrete Unit Paving (32 14)

32 14 13 16 Precast Concrete Unit Paving Slabs (32 14 13)

32 14 13 16-0001 Precast Concrete Paver Sidewalk (32 14 13 16)

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver.....	10.97	2.99
		<i>Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.</i>		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.05	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.69	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.85	
		<i>For Up To 100, Add</i>	4.24	
		<i>For >100 To 500, Add</i>	1.15	
		<i>For >1,000 To 5,000, Deduct</i>	-0.60	
		<i>For >5,000, Deduct</i>	-1.05	
32 14 13 16-0003	SF	2-3/8" Thick, >32 To 64 SI Precast Concrete Paver.....	10.42	2.73
		<i>Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.</i>		
		<i>For 2-3/4" Concrete Paver, Add</i>	1.02	
		<i>For 3-1/8" Concrete Paver, Add</i>	1.65	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.79	
		<i>For Up To 100, Add</i>	3.97	
		<i>For >100 To 500, Add</i>	1.07	
		<i>For >1,000 To 5,000, Deduct</i>	-0.55	
		<i>For >5,000, Deduct</i>	-0.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0004	SF		2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers. <i>For 2-3/4" Concrete Paver, Add</i> <i>For 3-1/8" Concrete Paver, Add</i> <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	9.93	2.17
				0.99	
				1.61	
				0.74	
				3.72	
				0.99	
				-0.50	
				-0.89	
32 14 13 16-0005	SF		2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers. <i>For 2-3/4" Concrete Paver, Add</i> <i>For 3-1/8" Concrete Paver, Add</i> <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	9.48	2.25
				0.97	
				1.58	
				0.70	
				3.50	
				0.93	
				-0.45	
				-0.83	
32 14 13 16-0006	SF		2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. <i>For 2-3/4" Concrete Paver, Add</i> <i>For 3-1/8" Concrete Paver, Add</i> <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	10.16	2.59
				1.01	
				1.63	
				0.77	
				3.84	
				1.03	
				-0.52	
				-0.93	
32 14 13 19 Porous Precast Concrete Unit Paving (32 14 13)					
32 14 13 19-0001			Turf Block (32 14 13 19) Note: Grass grid, open-cell unit paver, geoblock.		
32 14 13 19-0002	SF		3-1/8" Thick, Precast Concrete Turf Block <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	9.03	2.59
				3.56	
				0.97	
				-0.52	
				-0.89	
32 14 16 Brick Unit Paving (32 14)					
32 14 16 00-0001			Brick Paver Sidewalk (32 14 16) Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 14 16 00-0002	SF		4" x 8" x 2-1/4" Brick Paver, Laid Flat <i>For 1-3/8" Thick Paver, Deduct</i> <i>For 2-3/4" Thick Paver (Vehicular), Add</i> <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	11.05	2.99
				-2.07	
				4.61	
				0.85	
				4.26	
				1.15	
				-0.60	
				-1.05	
32 14 16 00-0003	SF		4" x 8" x 2-1/4" Brick, Laid On Edge <i>For 1-3/8" Thick Paver, Deduct</i> <i>For 2-3/4" Thick Paver (Vehicular), Add</i> <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	15.79	3.41
				-3.48	
				8.00	
				1.13	
				5.65	
				1.47	
				-0.68	
				-1.29	
32 14 33 Plastic Paving (32 14)					
32 14 33 13 Permeable Plastic Paving (32 14 33)					
32 14 33 13-0001			Turf Block Plastic Paving (32 14 33 13)		
32 14 33 13-0002	SF		4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	12.80	2.59
				4.50	
				1.16	
				-0.52	
				-1.01	
32 14 40 Stone Paving (32 14)					
32 14 40 00-0001			Slate Paver Sidewalk (32 14 40) Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF		1" Thick, Up to 54 SI Slate Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 1/4" Thick Paver, Deduct</i> <i>For 1/2" Thick Paver, Deduct</i>	15.23	2.48
				1.01	
				5.05	
				1.26	
				-0.50	
				-1.05	
				-7.81	
				-5.47	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 14 Unit Paving**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct	14.78	2.25
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct	13.99	1.86
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct	13.65	1.69
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct	14.34	2.04
32 14 40 00-0007		Granite Paver Sidewalk <small>(32 14 40)</small> Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	22.26	2.48
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	21.81	2.25
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	21.02	1.86
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	20.68	1.69
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	21.37	2.04

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 15 Aggregate Surfacing (32 10)

32 15 40 Crushed Stone Surfacing (32 15)

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading (32 15 40)

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002 CY Gravel Surfacing And Spreading 72.28

32 15 40 00-0003 Limestone Screenings (32 15 40)

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004 CY Limestone Screenings For Trail 67.62

32 15 40 00-0005 Decomposed Granite (32 15 40)

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006 SY 3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway 12.49

Note: Placed in 2 lifts.

For Additional 2" Lift

6.25

For >45 To 180, Deduct

-0.87

For >180 To 450, Deduct

-1.12

For >450, Deduct

-1.37

32 16 Curbs, Gutters, Sidewalks, And Driveways (32 10)

32 16 13 Curbs And Gutters (32 16)

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs And Gutters (32 16 13)

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curb And Gutter (32 16 13 13)

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0002 LF 6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight 24.43 10.94

For Up To 20, Add

16.57

For >20 To 50, Add

9.25

For >50 To 100, Add

3.66

For >500 To 1,000, Deduct

-3.14

For >1,000, Deduct

-5.32

For Mountable Or Rolled Curb And Gutter, Add

1.63

32 16 13 13-0003 LF 6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius 26.65 14.59

For Up To 20, Add

18.09

For >20 To 50, Add

10.09

For >50 To 100, Add

4.00

For >500 To 1,000, Deduct

-3.43

For >1,000, Deduct

-5.81

For Mountable Or Rolled Curb And Gutter, Add

1.79

32 16 13 13-0004 LF 6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight 31.06 12.13

For Up To 20, Add

21.05

For >20 To 50, Add

11.74

For >50 To 100, Add

4.66

For >500 To 1,000, Deduct

-3.97

For >1,000, Deduct

-6.73

For Mountable Or Rolled Curb And Gutter, Add

2.04

32 16 13 13-0005 LF 6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius 34.32 13.50

For Up To 20, Add

23.28

For >20 To 50, Add

12.99

For >50 To 100, Add

5.15

For >500 To 1,000, Deduct

-4.41

For >1,000, Deduct

-7.47

For Mountable Or Rolled Curb And Gutter, Add

2.28

32 16 13 13-0006 LF 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight (Type A3-6) 37.69 14.59

For Up To 20, Add

25.53

For >20 To 50, Add

14.23

For >50 To 100, Add

5.65

For >500 To 1,000, Deduct

-4.80

For >1,000, Deduct

-8.15

For Mountable Or Rolled Curb And Gutter, Add

2.45

32 16 13 13-0007 LF 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius (Type A3-6) 41.99 16.41

For Up To 20, Add

28.48

For >20 To 50, Add

15.88

For >50 To 100, Add

6.30

For >500 To 1,000, Deduct

-5.38

For >1,000, Deduct

-9.12

For Mountable Or Rolled Curb And Gutter, Add

2.78

32 16 13 13-0008 LF 6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight 44.79 17.33

For Up To 20, Add

30.34

For >20 To 50, Add

16.90

For >50 To 100, Add

6.72

For >500 To 1,000, Deduct

-5.71

For >1,000, Deduct

-9.68

For Mountable Or Rolled Curb And Gutter, Add

2.91

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 16 13 13-0009	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	49.22	19.16
		<i>For Up To 20, Add</i>	33.36	
		<i>For >20 To 50, Add</i>	18.60	
		<i>For >50 To 100, Add</i>	7.38	
		<i>For >500 To 1,000, Deduct</i>	-6.29	
		<i>For >1,000, Deduct</i>	-10.67	
		<i>For Mountable Or Rolled Curb And Gutter, Add</i>	3.23	
32 16 13 13-0010	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	51.89	20.07
		<i>For Up To 20, Add</i>	35.15	
		<i>For >20 To 50, Add</i>	19.58	
		<i>For >50 To 100, Add</i>	7.78	
		<i>For >500 To 1,000, Deduct</i>	-6.61	
		<i>For >1,000, Deduct</i>	-11.21	
		<i>For Mountable Or Rolled Curb And Gutter, Add</i>	3.37	
32 16 13 13-0011	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	56.44	21.90
		<i>For Up To 20, Add</i>	38.24	
		<i>For >20 To 50, Add</i>	21.31	
		<i>For >50 To 100, Add</i>	8.47	
		<i>For >500 To 1,000, Deduct</i>	-7.20	
		<i>For >1,000, Deduct</i>	-12.21	
		<i>For Mountable Or Rolled Curb And Gutter, Add</i>	3.68	
32 16 13 13-0012	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	58.98	22.81
		<i>For Up To 20, Add</i>	39.95	
		<i>For >20 To 50, Add</i>	22.26	
		<i>For >50 To 100, Add</i>	8.85	
		<i>For >500 To 1,000, Deduct</i>	-7.51	
		<i>For >1,000, Deduct</i>	-12.74	
		<i>For Mountable Or Rolled Curb And Gutter, Add</i>	3.83	
32 16 13 13-0013	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	65.49	25.54
		<i>For Up To 20, Add</i>	44.40	
		<i>For >20 To 50, Add</i>	24.76	
		<i>For >50 To 100, Add</i>	9.82	
		<i>For >500 To 1,000, Deduct</i>	-8.38	
		<i>For >1,000, Deduct</i>	-14.21	
		<i>For Mountable Or Rolled Curb And Gutter, Add</i>	4.32	

32 16 13 13-0014 Cast In Place Concrete Curbs (32 16 13 13)

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0015	LF	6" x 12" Cast In Place Concrete Curb (Type A1-6)	18.02	9.20
		<i>For Mountable Curb, Add</i>	1.29	
		<i>For Up To 20, Add</i>	10.96	
		<i>For >20 To 50, Add</i>	6.22	
		<i>For >50 To 100, Add</i>	2.37	
		<i>For >500 To 1,000, Deduct</i>	-2.37	
		<i>For >1,000, Deduct</i>	-4.01	
32 16 13 13-0016	LF	6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6).....	20.66	10.58
		<i>For Mountable Curb, Add</i>	1.50	
		<i>For Up To 20, Add</i>	12.64	
		<i>For >20 To 50, Add</i>	7.17	
		<i>For >50 To 100, Add</i>	2.74	
		<i>For >500 To 1,000, Deduct</i>	-2.74	
		<i>For >1,000, Deduct</i>	-4.62	
32 16 13 13-0017	LF	6" x 14" Cast In Place Concrete Curb (Type A1-8)	19.83	9.20
		<i>For Mountable Curb, Add</i>	1.40	
		<i>For Up To 20, Add</i>	12.02	
		<i>For >20 To 50, Add</i>	6.81	
		<i>For >50 To 100, Add</i>	2.60	
		<i>For >500 To 1,000, Deduct</i>	-2.60	
		<i>For >1,000, Deduct</i>	-4.40	
32 16 13 13-0018	LF	6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8).....	22.73	10.58
		<i>For Mountable Curb, Add</i>	1.64	
		<i>For Up To 20, Add</i>	13.86	
		<i>For >20 To 50, Add</i>	7.86	
		<i>For >50 To 100, Add</i>	3.00	
		<i>For >500 To 1,000, Deduct</i>	-3.00	
		<i>For >1,000, Deduct</i>	-5.07	
32 16 13 13-0019	LF	6" x 16" Cast In Place Concrete Curb	21.84	9.20
		<i>For Mountable Curb, Add</i>	1.51	
		<i>For Up To 20, Add</i>	13.11	
		<i>For >20 To 50, Add</i>	7.43	
		<i>For >50 To 100, Add</i>	2.84	
		<i>For >500 To 1,000, Deduct</i>	-2.84	
		<i>For >1,000, Deduct</i>	-4.81	
32 16 13 13-0020	LF	6" x 16" Cast In Place Concrete Curb - Radius.....	24.95	13.80
		<i>For Mountable Curb, Add</i>	1.76	
		<i>For Up To 20, Add</i>	15.11	
		<i>For >20 To 50, Add</i>	8.57	
		<i>For >50 To 100, Add</i>	3.27	
		<i>For >500 To 1,000, Deduct</i>	-3.27	
		<i>For >1,000, Deduct</i>	-5.53	
32 16 13 13-0021	LF	6" x 18" Cast In Place Concrete Curb	23.44	9.20
		<i>For Mountable Curb, Add</i>	1.59	
		<i>For Up To 20, Add</i>	13.98	
		<i>For >20 To 50, Add</i>	7.92	
		<i>For >50 To 100, Add</i>	3.03	
		<i>For >500 To 1,000, Deduct</i>	-3.03	
		<i>For >1,000, Deduct</i>	-5.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 16 13 13-0022	LF	6"	x 18"	Cast In Place Concrete Curb - Radius.....	26.49	10.58
				For Mountable Curb, Add	1.82	
				For Up To 20, Add	15.88	
				For >20 To 50, Add	9.00	
				For >50 To 100, Add	3.44	
				For >500 To 1,000, Deduct	-3.44	
				For >1,000, Deduct	-5.82	
32 16 13 13-0023	LF	6"	x 24"	Cast In Place Concrete Curb.....	26.99	10.12
				For Mountable Curb, Add	1.69	
				For Up To 20, Add	15.62	
				For >20 To 50, Add	8.83	
				For >50 To 100, Add	3.39	
				For >500 To 1,000, Deduct	-3.39	
				For >1,000, Deduct	-5.77	
32 16 13 13-0024	LF	6"	x 24"	Cast In Place Concrete Curb - Radius.....	30.19	11.50
				For Mountable Curb, Add	1.90	
				For Up To 20, Add	17.54	
				For >20 To 50, Add	9.92	
				For >50 To 100, Add	3.81	
				For >500 To 1,000, Deduct	-3.81	
				For >1,000, Deduct	-6.47	
32 16 13 13-0025	LF	12"	x 24"	Cast In Place Concrete Curb.....	35.43	11.50
				For Mountable Curb, Add	1.62	
				For Up To 20, Add	18.59	
				For >20 To 50, Add	10.44	
				For >50 To 100, Add	4.07	
				For >500 To 1,000, Deduct	-4.07	
				For >1,000, Deduct	-6.99	
32 16 13 13-0026	LF	12"	x 24"	Cast In Place Concrete Curb - Radius.....	39.43	12.88
				For Mountable Curb, Add	1.82	
				For Up To 20, Add	20.77	
				For >20 To 50, Add	11.67	
				For >50 To 100, Add	4.55	
				For >500 To 1,000, Deduct	-4.55	
				For >1,000, Deduct	-7.81	
32 16 13 13-0027	EA			Additional Finish For Handicap Drop Section In Curb.....	69.00	

32 16 13 14 Machine Formed, Slip Form Curbs (32 16 13)

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job).....		1,218.93	
			Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0002	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job).....		1,218.93	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed.....		11.88	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed.....		15.79	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed.....		15.74	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed.....		20.22	

32 16 13 16 Steel Faced Curbs (32 16 13)

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001	EA	Sidewalk/Curb Facing			
			Note: Fabrication includes handicap and other curb access cuts.		
32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		13.45	4.26
		For Curved Section, Add		2.94	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		14.80	4.84
		For Curved Section, Add		3.30	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		19.94	5.43
		For Curved Section, Add		4.04	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		24.48	6.10
		For Curved Section, Add		4.72	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		29.96	6.69
		For Curved Section, Add		5.50	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		39.18	8.53
		For Curved Section, Add		7.10	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center.....		45.17	11.05
		For Curved Section, Add		8.64	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section.....		141.28	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches (32 16 13)

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001	EA	Valley Gutter, Cast In Place			
			Note: Includes concrete, forms, rebar, expansion joints, finish and curing.		
32 16 13 19-0002	LF	2" Wide Cast In Place Concrete Valley Gutter, 6" Thick.....		20.25	
		For Up To 20, Add		9.05	
		For >20 To 50, Add		5.03	
		For >50 To 100, Add		2.01	
		For >500 To 1,000, Deduct		-2.01	
		For >1,000, Deduct		-3.53	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0003	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	24.86	
			<i>For Up To 20, Add</i>	11.00	
			<i>For >20 To 50, Add</i>	6.10	
			<i>For >50 To 100, Add</i>	2.45	
			<i>For >500 To 1,000, Deduct</i>	-2.45	
			<i>For >1,000, Deduct</i>	-4.29	
32 16 13 19-0004	LF		3' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	29.41	
			<i>For Up To 20, Add</i>	12.90	
			<i>For >20 To 50, Add</i>	7.15	
			<i>For >50 To 100, Add</i>	2.87	
			<i>For >500 To 1,000, Deduct</i>	-2.87	
			<i>For >1,000, Deduct</i>	-5.05	
32 16 13 19-0005	LF		3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	33.94	
			<i>For Up To 20, Add</i>	14.79	
			<i>For >20 To 50, Add</i>	8.20	
			<i>For >50 To 100, Add</i>	3.30	
			<i>For >500 To 1,000, Deduct</i>	-3.30	
			<i>For >1,000, Deduct</i>	-5.80	
32 16 13 19-0006	LF		4' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	38.50	
			<i>For Up To 20, Add</i>	16.70	
			<i>For >20 To 50, Add</i>	9.25	
			<i>For >50 To 100, Add</i>	3.73	
			<i>For >500 To 1,000, Deduct</i>	-3.73	
			<i>For >1,000, Deduct</i>	-6.55	
32 16 13 19-0007	LF		5' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	45.87	
			<i>For Up To 20, Add</i>	19.30	
			<i>For >20 To 50, Add</i>	10.66	
			<i>For >50 To 100, Add</i>	4.32	
			<i>For >500 To 1,000, Deduct</i>	-4.32	
			<i>For >1,000, Deduct</i>	-7.62	
32 16 13 19-0008	LF		6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	52.97	
			<i>For Up To 20, Add</i>	21.71	
			<i>For >20 To 50, Add</i>	11.97	
			<i>For >50 To 100, Add</i>	4.87	
			<i>For >500 To 1,000, Deduct</i>	-4.87	
			<i>For >1,000, Deduct</i>	-8.63	
32 16 13 19-0009	SF		>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	8.82	
			<i>For Up To 100, Add</i>	3.61	
			<i>For >100 To 250, Add</i>	1.99	
			<i>For >250 To 500, Add</i>	0.81	
			<i>For >2,500 To 5,000, Deduct</i>	-0.81	
			<i>For >5,000, Deduct</i>	-1.44	
32 16 13 19-0010	LF		2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	22.33	
			<i>For Up To 20, Add</i>	9.74	
			<i>For >20 To 50, Add</i>	5.40	
			<i>For >50 To 100, Add</i>	2.17	
			<i>For >500 To 1,000, Deduct</i>	-2.17	
			<i>For >1,000, Deduct</i>	-3.81	
32 16 13 19-0011	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	27.60	
			<i>For Up To 20, Add</i>	11.95	
			<i>For >20 To 50, Add</i>	6.62	
			<i>For >50 To 100, Add</i>	2.67	
			<i>For >500 To 1,000, Deduct</i>	-2.67	
			<i>For >1,000, Deduct</i>	-4.69	
32 16 13 19-0012	LF		3' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	32.50	
			<i>For Up To 20, Add</i>	13.91	
			<i>For >20 To 50, Add</i>	7.69	
			<i>For >50 To 100, Add</i>	3.11	
			<i>For >500 To 1,000, Deduct</i>	-3.11	
			<i>For >1,000, Deduct</i>	-5.47	
32 16 13 19-0013	LF		3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	37.53	
			<i>For Up To 20, Add</i>	15.95	
			<i>For >20 To 50, Add</i>	8.82	
			<i>For >50 To 100, Add</i>	3.57	
			<i>For >500 To 1,000, Deduct</i>	-3.57	
			<i>For >1,000, Deduct</i>	-6.29	
32 16 13 19-0014	LF		4' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	42.57	
			<i>For Up To 20, Add</i>	18.01	
			<i>For >20 To 50, Add</i>	9.95	
			<i>For >50 To 100, Add</i>	4.03	
			<i>For >500 To 1,000, Deduct</i>	-4.03	
			<i>For >1,000, Deduct</i>	-7.11	
32 16 13 19-0015	LF		5' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	50.85	
			<i>For Up To 20, Add</i>	20.86	
			<i>For >20 To 50, Add</i>	11.50	
			<i>For >50 To 100, Add</i>	4.68	
			<i>For >500 To 1,000, Deduct</i>	-4.68	
			<i>For >1,000, Deduct</i>	-8.29	
32 16 13 19-0016	LF		6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	58.84	
			<i>For Up To 20, Add</i>	23.50	
			<i>For >20 To 50, Add</i>	12.92	
			<i>For >50 To 100, Add</i>	5.29	
			<i>For >500 To 1,000, Deduct</i>	-5.29	
			<i>For >1,000, Deduct</i>	-9.40	
32 16 13 19-0017	SF		>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	9.81	
			<i>For Up To 100, Add</i>	3.92	
			<i>For >100 To 250, Add</i>	2.15	
			<i>For >250 To 500, Add</i>	0.88	
			<i>For >2,500 To 5,000, Deduct</i>	-0.88	
			<i>For >5,000, Deduct</i>	-1.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0018 LF 2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	22.41	
For Up To 20, Add	10.03	
For >20 To 50, Add	5.57	
For >50 To 100, Add	2.23	
For >500 To 1,000, Deduct	-2.23	
For >1,000, Deduct	-3.90	
32 16 13 19-0019 LF 2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	27.53	
For Up To 20, Add	12.20	
For >20 To 50, Add	6.77	
For >50 To 100, Add	2.71	
For >500 To 1,000, Deduct	-2.71	
For >1,000, Deduct	-4.76	
32 16 13 19-0020 LF 3' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	32.57	
For Up To 20, Add	14.30	
For >20 To 50, Add	7.93	
For >50 To 100, Add	3.19	
For >500 To 1,000, Deduct	-3.19	
For >1,000, Deduct	-5.59	
32 16 13 19-0021 LF 3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	37.61	
For Up To 20, Add	16.42	
For >20 To 50, Add	9.10	
For >50 To 100, Add	3.66	
For >500 To 1,000, Deduct	-3.66	
For >1,000, Deduct	-6.43	
32 16 13 19-0022 LF 4' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	42.65	
For Up To 20, Add	18.53	
For >20 To 50, Add	10.27	
For >50 To 100, Add	4.13	
For >500 To 1,000, Deduct	-4.13	
For >1,000, Deduct	-7.27	
32 16 13 19-0023 LF 5' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	50.81	
32 16 13 19-0024 LF 6' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	58.67	
32 16 13 19-0025 SF >6' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	9.78	
For Up To 100, Add	4.02	
For >100 To 250, Add	2.21	
For >250 To 500, Add	0.90	
For >2,500 To 5,000, Deduct	-0.90	
For >5,000, Deduct	-1.60	

32 16 13 23 Precast Concrete Curbs And Gutters (32 16 13)

32 16 13 23-0001 Precast Concrete Curb (32 16 13 23)		
32 16 13 23-0002 LF 6" x 18" Precast Concrete Curb.....	38.58	8.39
32 16 13 23-0003 LF 6" x 18" Precast Concrete Curb, Radius.....	46.26	9.64
32 16 13 23-0004 LF 6" x 20" Precast Concrete Curb.....	41.07	8.39
32 16 13 23-0005 LF 6" x 20" Precast Concrete Curb, Radius.....	49.56	9.64
32 16 13 23-0006 LF 7" x 18" Precast Concrete Curb.....	42.21	8.39
32 16 13 23-0007 LF 7" x 18" Precast Concrete Curb, Radius.....	50.87	9.64
32 16 13 23-0008 LF 7" x 20" Precast Concrete Curb.....	45.03	8.39
32 16 13 23-0009 LF 7" x 20" Precast Concrete Curb, Radius.....	54.45	9.64

32 16 13 33 Asphalt Curbs (32 16 13)

32 16 13 33-0001 Asphalt Curbs (32 16 13 33)		
32 16 13 33-0002 LF 6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain.....	10.82	4.36
32 16 13 33-0003 LF 8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain.....	12.19	4.84
32 16 13 33-0004 LF 8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain.....	13.44	5.33

32 16 13 43 Stone Curbs (32 16 13)

32 16 13 43-0001 Granite Curbs (32 16 13 43)		
32 16 13 43-0002 Split Face Granite Curbs (32 16 13 43-0001)		
32 16 13 43-0003 LF 4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section.....	26.18	8.31
For Up To 20, Add	10.79	
For >20 To 50, Add	5.95	
For >50 To 100, Add	2.42	
For >500 To 1,000, Deduct	-2.42	
For >1,000, Deduct	-4.28	
32 16 13 43-0004 LF 6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section.....	30.94	9.08
For Up To 20, Add	12.22	
For >20 To 50, Add	6.72	
For >50 To 100, Add	2.75	
For >500 To 1,000, Deduct	-2.75	
For >1,000, Deduct	-4.90	
32 16 13 43-0005 LF 4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section.....	34.15	9.75
For Up To 20, Add	13.32	
For >20 To 50, Add	7.31	
For >50 To 100, Add	3.01	
For >500 To 1,000, Deduct	-3.01	
For >1,000, Deduct	-5.36	
32 16 13 43-0006 LF 6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section.....	40.44	10.53
For Up To 20, Add	15.06	
For >20 To 50, Add	8.23	
For >50 To 100, Add	3.42	
For >500 To 1,000, Deduct	-3.42	
For >1,000, Deduct	-6.14	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	32.27	9.08
		<i>For Up To 20, Add</i>	12.46	
		<i>For >20 To 50, Add</i>	6.83	
		<i>For >50 To 100, Add</i>	2.82	
		<i>For >500 To 1,000, Deduct</i>	-2.82	
		<i>For >1,000, Deduct</i>	-5.03	
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	37.04	9.75
		<i>For Up To 20, Add</i>	13.90	
		<i>For >20 To 50, Add</i>	7.60	
		<i>For >50 To 100, Add</i>	3.15	
		<i>For >500 To 1,000, Deduct</i>	-3.15	
		<i>For >1,000, Deduct</i>	-5.65	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	40.30	10.53
		<i>For Up To 20, Add</i>	15.03	
		<i>For >20 To 50, Add</i>	8.21	
		<i>For >50 To 100, Add</i>	3.41	
		<i>For >500 To 1,000, Deduct</i>	-3.41	
		<i>For >1,000, Deduct</i>	-6.12	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	46.59	11.21
		<i>For Up To 20, Add</i>	16.77	
		<i>For >20 To 50, Add</i>	9.13	
		<i>For >50 To 100, Add</i>	3.82	
		<i>For >500 To 1,000, Deduct</i>	-3.82	
		<i>For >1,000, Deduct</i>	-6.89	
32 16 13 43-0011		Sawn Face Granite Curbs (32 16 13 43-0001)		
32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	26.18	8.31
		<i>For Up To 20, Add</i>	10.79	
		<i>For >20 To 50, Add</i>	5.95	
		<i>For >50 To 100, Add</i>	2.42	
		<i>For >500 To 1,000, Deduct</i>	-2.42	
		<i>For >1,000, Deduct</i>	-4.28	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	30.94	9.08
		<i>For Up To 20, Add</i>	12.22	
		<i>For >20 To 50, Add</i>	6.72	
		<i>For >50 To 100, Add</i>	2.75	
		<i>For >500 To 1,000, Deduct</i>	-2.75	
		<i>For >1,000, Deduct</i>	-4.90	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	34.20	9.75
		<i>For Up To 20, Add</i>	13.36	
		<i>For >20 To 50, Add</i>	7.33	
		<i>For >50 To 100, Add</i>	3.01	
		<i>For >500 To 1,000, Deduct</i>	-3.01	
		<i>For >1,000, Deduct</i>	-5.37	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	40.51	10.53
		<i>For Up To 20, Add</i>	15.11	
		<i>For >20 To 50, Add</i>	8.25	
		<i>For >50 To 100, Add</i>	3.43	
		<i>For >500 To 1,000, Deduct</i>	-3.43	
		<i>For >1,000, Deduct</i>	-6.15	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	36.53	9.08
		<i>For Up To 20, Add</i>	13.34	
		<i>For >20 To 50, Add</i>	7.27	
		<i>For >50 To 100, Add</i>	3.03	
		<i>For >500 To 1,000, Deduct</i>	-3.03	
		<i>For >1,000, Deduct</i>	-5.46	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	43.65	9.75
		<i>For Up To 20, Add</i>	15.25	
		<i>For >20 To 50, Add</i>	8.27	
		<i>For >50 To 100, Add</i>	3.49	
		<i>For >500 To 1,000, Deduct</i>	-3.49	
		<i>For >1,000, Deduct</i>	-6.32	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	48.36	10.53
		<i>For Up To 20, Add</i>	16.68	
		<i>For >20 To 50, Add</i>	9.04	
		<i>For >50 To 100, Add</i>	3.82	
		<i>For >500 To 1,000, Deduct</i>	-3.82	
		<i>For >1,000, Deduct</i>	-6.94	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	57.97	11.21
		<i>For Up To 20, Add</i>	19.08	
		<i>For >20 To 50, Add</i>	10.29	
		<i>For >50 To 100, Add</i>	4.40	
		<i>For >500 To 1,000, Deduct</i>	-4.40	
		<i>For >1,000, Deduct</i>	-8.04	
32 16 13 43-0020		Granite Base And Curbs (32 16 13 43-0001)		
32 16 13 43-0021	LF	4" High Granite Base	29.87	11.01
		<i>For Up To 20, Add</i>	13.28	
		<i>For >20 To 50, Add</i>	7.37	
		<i>For >50 To 100, Add</i>	2.96	
		<i>For >500 To 1,000, Deduct</i>	-2.96	
		<i>For >1,000, Deduct</i>	-5.18	
32 16 13 43-0022	LF	6" High Granite Base	35.13	14.42
		<i>For Up To 20, Add</i>	16.63	
		<i>For >20 To 50, Add</i>	9.27	
		<i>For >50 To 100, Add</i>	3.68	
		<i>For >500 To 1,000, Deduct</i>	-3.68	
		<i>For >1,000, Deduct</i>	-6.39	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 16 13 43-0023		Remove And Reset Stone And Precast Curbing <small>(32 16 13 43)</small>		
		Note: Includes storage and cleaning.		
32 16 13 43-0024	LF	Removal And Resetting Of Stone Or Precast Curbing		31.88
		Note: Includes storage and cleaning.		

32 16 23 Sidewalks (32 16)

32 16 23 00-0001		Cast In Place Concrete Sidewalk <small>(32 16 23)</small>		
		Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0087 for buggies, 03 31 13 00-0094 for small quantity purchases, 03 31 13 00-0096 for delivery fee, 03 37 16 00-0001 for pumping with boom truck, 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk		8.38
		<i>For Up To 100, Add</i>	3.58	
		<i>For >100 To 500, Add</i>	1.01	
		<i>For >1,000 To 5,000, Deduct</i>	-0.60	
		<i>For >5,000, Deduct</i>	-1.31	
		<i>For Welded Wire Reinforcement, Add</i>	0.67	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk		9.14
		<i>For Up To 100, Add</i>	3.83	
		<i>For >100 To 500, Add</i>	1.07	
		<i>For >1,000 To 5,000, Deduct</i>	-0.62	
		<i>For >5,000, Deduct</i>	-1.38	
		<i>For Welded Wire Reinforcement, Add</i>	0.67	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk		9.91
		<i>For Up To 100, Add</i>	4.08	
		<i>For >100 To 500, Add</i>	1.13	
		<i>For >1,000 To 5,000, Deduct</i>	-0.64	
		<i>For >5,000, Deduct</i>	-1.45	
		<i>For Welded Wire Reinforcement, Add</i>	0.67	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk		11.52
		<i>For Up To 100, Add</i>	4.69	
		<i>For >100 To 500, Add</i>	1.30	
		<i>For >1,000 To 5,000, Deduct</i>	-0.73	
		<i>For >5,000, Deduct</i>	-1.66	
		<i>For Welded Wire Reinforcement, Add</i>	0.67	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk		12.19
		<i>For Up To 100, Add</i>	4.89	
		<i>For >100 To 500, Add</i>	1.35	
		<i>For >1,000 To 5,000, Deduct</i>	-0.74	
		<i>For >5,000, Deduct</i>	-1.72	
		<i>For Welded Wire Reinforcement, Add</i>	0.67	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk		2.12
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk		127.23
		Note: Excludes patterned (tactile) finish.		

32 16 23 00-0009 Bituminous Sidewalk (32 16 23)

		Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 16 23 00-0010	SY	1" Bituminous Sidewalk		8.21
		<i>For Up To 100, Add</i>	3.04	
		<i>For >100 To 500, Add</i>	0.80	
		<i>For >1,000 To 5,000, Deduct</i>	-0.39	
		<i>For >5,000, Deduct</i>	-0.80	
32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk		10.33
		<i>For Up To 100, Add</i>	3.77	
		<i>For >100 To 500, Add</i>	0.99	
		<i>For >1,000 To 5,000, Deduct</i>	-0.47	
		<i>For >5,000, Deduct</i>	-0.99	
32 16 23 00-0012	SY	2" Bituminous Sidewalk		14.39
		<i>For Up To 100, Add</i>	5.07	
		<i>For >100 To 500, Add</i>	1.31	
		<i>For >1,000 To 5,000, Deduct</i>	-0.59	
		<i>For >5,000, Deduct</i>	-1.31	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk		17.99
		<i>For Up To 100, Add</i>	6.32	
		<i>For >100 To 500, Add</i>	1.63	
		<i>For >1,000 To 5,000, Deduct</i>	-0.73	
		<i>For >5,000, Deduct</i>	-1.63	
32 16 23 00-0014	SY	3" Bituminous Sidewalk		20.74
		<i>For Up To 100, Add</i>	7.16	
		<i>For >100 To 500, Add</i>	1.83	
		<i>For >1,000 To 5,000, Deduct</i>	-0.79	
		<i>For >5,000, Deduct</i>	-1.83	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk		24.00
		<i>For Up To 100, Add</i>	8.17	
		<i>For >100 To 500, Add</i>	2.07	
		<i>For >1,000 To 5,000, Deduct</i>	-0.87	
		<i>For >5,000, Deduct</i>	-2.07	

32 16 43 Asphalt Dike (32 16)

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 16 43 00-0001	Asphalt Dike <small>(32 16 43)</small>			
32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height.....	5.89	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height.....	8.11	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height.....	8.11	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height.....	11.65	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height.....	13.82	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height.....	3.04	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back.....	8.43	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back.....	13.03	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height.....	5.89	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height.....	3.04	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back.....	13.03	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back.....	8.43	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height.....	4.47	

32 17 Paving Specialties (32 10)**32 17 13 Parking Bumpers** (32 17)

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers (32 17 13)

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop.....	78.43	6.10
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop.....	87.98	6.10

32 17 13 19 Precast Concrete Parking Bumpers (32 17 13)

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels.....	50.22	18.37
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels.....	58.42	18.37
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels.....	59.72	18.37
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels.....	62.41	18.37
32 17 13 19-0005	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop With Dowels.....	58.42	18.37
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels.....	73.25	18.37
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop.....	29.38	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop.....	19.10	

32 17 13 23 Rubber Parking Bumpers (32 17 13)

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop.....	25.55	6.10
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop.....	29.69	6.10
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop.....	31.35	6.10
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop.....	33.83	6.10

32 17 13 26 Wood Parking Bumpers (32 17 13)

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated.....	8.53	1.47
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated.....	11.15	1.47

32 17 16 Manufactured Traffic-Calming Devices (32 17)**32 17 16 00-0001 Speed Bumps** (32 17 16)

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump.....	31.67	1.47
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump.....	24.34	0.97
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump.....	49.68	0.97

32 17 23 Pavement Markings (32 17)

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 13 Painted Pavement Markings (32 17 23)**32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads** (32 17 23 13)

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking (32 17 23 13-0001)

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.25	
		For Up To 5,000 LF, Add	0.05	
		For >25,000 LF, Deduct	-0.04	
		For Broken Line, Deduct	-0.05	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....	0.33	
		For Up To 5,000 LF, Add	0.07	
		For >25,000 LF, Deduct	-0.05	
		For Broken Line, Deduct	-0.08	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....	0.41	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
		For Broken Line, Deduct	-0.09	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....	0.56	
		For Up To 5,000 LF, Add	0.11	
		For >25,000 LF, Deduct	-0.08	
		For Broken Line, Deduct	-0.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0007	LF		Double 4" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.38	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
			<i>For Broken Line On One Side, Deduct</i>	-0.05	
			<i>For Double Broken Line, Deduct</i>	-0.10	
32 17 23 13-0008	LF		Double 6" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.56	
			<i>For Up To 5,000 LF, Add</i>	0.11	
			<i>For >25,000 LF, Deduct</i>	-0.08	
			<i>For Broken Line On One Side, Deduct</i>	-0.07	
			<i>For Double Broken Line, Deduct</i>	-0.14	
32 17 23 13-0009	SF		Solid Area, Painted Reflective Pavement Striping	5.43	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0010	EA		6" High, Letter/Number, Alkyd Reflective Pavement Striping.....	3.87	
			<i>For <10, Add</i>	0.54	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100 To 200, Deduct</i>	-0.36	
			<i>For >200, Deduct</i>	-0.72	
32 17 23 13-0011	EA		12" High, Letter/Number, Alkyd Reflective Pavement Striping.....	6.46	
			<i>For <10, Add</i>	0.81	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 200, Deduct</i>	-0.54	
			<i>For >200, Deduct</i>	-1.08	
32 17 23 13-0012	EA		24" High, Letter/Number, Alkyd Reflective Pavement Striping.....	10.83	
			<i>For <10, Add</i>	1.35	
			<i>For >50 To 100, Deduct</i>	-0.67	
			<i>For >100 To 200, Deduct</i>	-0.90	
			<i>For >200, Deduct</i>	-1.80	
32 17 23 13-0013	EA		36" High, Letter/Number, Alkyd Reflective Pavement Striping.....	21.23	
			<i>For <10, Add</i>	2.70	
			<i>For >50 To 100, Deduct</i>	-1.35	
			<i>For >100 To 200, Deduct</i>	-1.80	
			<i>For >200, Deduct</i>	-3.60	
32 17 23 13-0014	EA		48" High, Letter/Number, Alkyd Reflective Pavement Striping.....	24.38	
			<i>For <10, Add</i>	3.03	
			<i>For >50 To 100, Deduct</i>	-1.51	
			<i>For >100 To 200, Deduct</i>	-2.02	
			<i>For >200, Deduct</i>	-4.03	
32 17 23 13-0015	EA		72" High, Letter/Number, Alkyd Reflective Pavement Striping.....	43.58	
			<i>For <10, Add</i>	5.38	
			<i>For >50 To 100, Deduct</i>	-2.69	
			<i>For >100 To 200, Deduct</i>	-3.59	
			<i>For >200, Deduct</i>	-7.18	
32 17 23 13-0016	EA		96" High, Letter/Number, Alkyd Reflective Pavement Striping.....	58.31	
			<i>For <10, Add</i>	7.23	
			<i>For >50 To 100, Deduct</i>	-3.61	
			<i>For >100 To 200, Deduct</i>	-4.82	
			<i>For >200, Deduct</i>	-9.64	
32 17 23 13-0017	EA		120" High, Letter/Number, Alkyd Reflective Pavement Striping.....	82.31	
			<i>For <10, Add</i>	8.96	
			<i>For >50 To 100, Deduct</i>	-4.48	
			<i>For >100 To 200, Deduct</i>	-5.97	
			<i>For >200, Deduct</i>	-11.94	
32 17 23 13-0018	SF		Letter/Number, Painted Reflective Pavement Marking	6.14	
32 17 23 13-0019	SF		Symbols, Painted Reflective Pavement Marking	7.36	
			Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0020			Pavement Marking (CALTRANS) (32 17 23 13-0001)		
			Note: Per LF of detail.		
32 17 23 13-0021	LF		CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.20	
			<i>For Up To 5,000 LF, Add</i>	0.04	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0022	LF		CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.30	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0023	LF		CALTRANS Detail 4 Centerline	0.58	
			<i>For Up To 5,000 LF, Add</i>	0.12	
			<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0024	LF		CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.20	
			<i>For Up To 5,000 LF, Add</i>	0.04	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0025	LF		CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.30	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0026	LF		CALTRANS Detail 7 Centerline	0.42	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0027	LF		CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.20	
			<i>For Up To 5,000 LF, Add</i>	0.04	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0028	LF		CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.30	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0029	LF		CALTRANS Detail 10 Lanelines	0.58	
			<i>For Up To 5,000 LF, Add</i>	0.12	
			<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0030	LF		CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.20	
			<i>For Up To 5,000 LF, Add</i>	0.04	
			<i>For >25,000 LF, Deduct</i>	-0.03	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 17 Paving Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0031	LF		CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.29	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0032	LF		CALTRANS Detail 13 Lanelines	0.42	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0033	LF		CALTRANS Detail 14 Lanelines	0.42	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0034	LF		CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping.....	0.29	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0035	LF		CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.28	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.04	
			<i>For Broken Line On One Side, Deduct</i>	-0.04	
			<i>For Double Broken Line, Deduct</i>	-0.08	
32 17 23 13-0036	LF		CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.63	
			<i>For Up To 5,000 LF, Add</i>	0.13	
			<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0037	LF		CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	1.67	
			<i>For Up To 5,000 LF, Add</i>	0.33	
			<i>For >25,000 LF, Deduct</i>	-0.25	
32 17 23 13-0038	LF		CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.27	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
			<i>For Broken Line On One Side, Deduct</i>	-0.03	
			<i>For Double Broken Line, Deduct</i>	-0.07	
32 17 23 13-0039	LF		CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.55	
			<i>For Up To 5,000 LF, Add</i>	0.11	
			<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0040	LF		CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.42	
			<i>For Up To 5,000 LF, Add</i>	0.28	
			<i>For >25,000 LF, Deduct</i>	-0.21	
32 17 23 13-0041	LF		CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.33	
			<i>For Up To 5,000 LF, Add</i>	0.07	
			<i>For >25,000 LF, Deduct</i>	-0.05	
			<i>For Broken Line On One Side, Deduct</i>	-0.06	
			<i>For Double Broken Line, Deduct</i>	-0.11	
32 17 23 13-0042	LF		CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.69	
			<i>For Up To 5,000 LF, Add</i>	0.14	
			<i>For >25,000 LF, Deduct</i>	-0.10	
32 17 23 13-0043	LF		CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	2.00	
			<i>For Up To 5,000 LF, Add</i>	0.40	
			<i>For >25,000 LF, Deduct</i>	-0.30	
32 17 23 13-0044	LF		CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.25	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0045	LF		CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.35	
			<i>For Up To 5,000 LF, Add</i>	0.07	
			<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0046	LF		CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping.....	0.44	
			<i>For Up To 5,000 LF, Add</i>	0.09	
			<i>For >25,000 LF, Deduct</i>	-0.07	
32 17 23 13-0047	LF		CALTRANS Detail 26 Left Edgelines	0.08	
			<i>For Up To 5,000 LF, Add</i>	0.02	
			<i>For >25,000 LF, Deduct</i>	-0.01	
32 17 23 13-0048	LF		CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.42	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0049	LF		CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.25	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0050	LF		CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping.....	0.19	
			<i>For Up To 5,000 LF, Add</i>	0.04	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0051	LF		CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping.....	0.67	
			<i>For Up To 5,000 LF, Add</i>	0.13	
			<i>For >25,000 LF, Deduct</i>	-0.10	
			<i>For Broken Line On One Side, Deduct</i>	-0.11	
			<i>For Double Broken Line, Deduct</i>	-0.23	
32 17 23 13-0052	LF		CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping.....	1.02	
			<i>For Up To 5,000 LF, Add</i>	0.20	
			<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0053	LF		CALTRANS Detail 30 Median Islands.....	4.00	
			<i>For Up To 5,000 LF, Add</i>	0.80	
			<i>For >25,000 LF, Deduct</i>	-0.60	
32 17 23 13-0054	LF		CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	0.56	
			<i>For Up To 5,000 LF, Add</i>	0.11	
			<i>For >25,000 LF, Deduct</i>	-0.08	
			<i>For Broken Line On One Side, Deduct</i>	-0.07	
			<i>For Double Broken Line, Deduct</i>	-0.14	
32 17 23 13-0055	LF		CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	0.99	
			<i>For Up To 5,000 LF, Add</i>	0.20	
			<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0056	LF		CALTRANS Detail 33 Two-Way Left Turn Lanes.....	2.74	
			<i>For Up To 5,000 LF, Add</i>	0.55	
			<i>For >25,000 LF, Deduct</i>	-0.41	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0057	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping.....	0.55	
		<i>For Up To 5,000 LF, Add</i>	0.11	
		<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0058	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping.....	0.27	
		<i>For Up To 5,000 LF, Add</i>	0.05	
		<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0059	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping.....	0.64	
		<i>For Up To 5,000 LF, Add</i>	0.13	
		<i>For >25,000 LF, Deduct</i>	-0.10	
32 17 23 13-0060	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping.....	0.28	
		<i>For Up To 5,000 LF, Add</i>	0.06	
		<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0061	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.18	
		<i>For Up To 5,000 LF, Add</i>	0.24	
		<i>For >25,000 LF, Deduct</i>	-0.18	
32 17 23 13-0062	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping.....	0.79	
		<i>For Up To 5,000 LF, Add</i>	0.16	
		<i>For >25,000 LF, Deduct</i>	-0.12	
32 17 23 13-0063	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	0.85	
		<i>For Up To 5,000 LF, Add</i>	0.17	
		<i>For >25,000 LF, Deduct</i>	-0.13	
32 17 23 13-0064	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.71	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0065	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps.....	1.34	
		<i>For Up To 5,000 LF, Add</i>	0.27	
		<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0066	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping.....	0.71	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0067	LF	CALTRANS Detail 37C Lane Drop At Intersections.....	1.34	
		<i>For Up To 5,000 LF, Add</i>	0.27	
		<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0068	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.71	
		<i>For Up To 5,000 LF, Add</i>	0.14	
		<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0069	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping.....	0.53	
		<i>For Up To 5,000 LF, Add</i>	0.11	
		<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0070	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping.....	0.87	
		<i>For Up To 5,000 LF, Add</i>	0.17	
		<i>For >25,000 LF, Deduct</i>	-0.13	
32 17 23 13-0071	LF	CALTRANS Detail 38C Channelizing Line	2.00	
		<i>For Up To 5,000 LF, Add</i>	0.40	
		<i>For >25,000 LF, Deduct</i>	-0.30	
32 17 23 13-0072	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping.....	0.33	
		<i>For Up To 5,000 LF, Add</i>	0.07	
		<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0073	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping.....	0.26	
		<i>For Up To 5,000 LF, Add</i>	0.05	
		<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0074	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.19	
		<i>For Up To 5,000 LF, Add</i>	0.04	
		<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0075	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	0.98	
		<i>For Up To 5,000 LF, Add</i>	0.20	
		<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0076	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.19	
		<i>For Up To 5,000 LF, Add</i>	0.04	
		<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23 13-0077	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections.....	0.98	
		<i>For Up To 5,000 LF, Add</i>	0.20	
		<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0078	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	97.98	
		<i>For <10, Add</i>	13.09	
		<i>For >50 To 100, Deduct</i>	-6.55	
		<i>For >100 To 200, Deduct</i>	-8.73	
		<i>For >200, Deduct</i>	-17.46	
32 17 23 13-0079	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking.....	171.85	
		<i>For <10, Add</i>	22.92	
		<i>For >50 To 100, Deduct</i>	-11.46	
		<i>For >100 To 200, Deduct</i>	-15.28	
		<i>For >200, Deduct</i>	-30.55	
32 17 23 13-0080	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking.....	215.70	
		<i>For <10, Add</i>	28.81	
		<i>For >50 To 100, Deduct</i>	-14.40	
		<i>For >100 To 200, Deduct</i>	-19.20	
		<i>For >200, Deduct</i>	-38.41	
32 17 23 13-0081	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	313.69	
		<i>For <10, Add</i>	41.90	
		<i>For >50 To 100, Deduct</i>	-20.95	
		<i>For >100 To 200, Deduct</i>	-27.93	
		<i>For >200, Deduct</i>	-55.87	
32 17 23 13-0082	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	411.66	
		<i>For <10, Add</i>	54.99	
		<i>For >50 To 100, Deduct</i>	-27.50	
		<i>For >100 To 200, Deduct</i>	-36.66	
		<i>For >200, Deduct</i>	-73.33	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0083	EA		CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking.....	289.57	
			<i>For <10, Add</i>	38.63	
			<i>For >50 To 100, Deduct</i>	-19.31	
			<i>For >100 To 200, Deduct</i>	-25.75	
			<i>For >200, Deduct</i>	-51.50	
32 17 23 13-0084	EA		CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking.....	505.27	
			<i>For <10, Add</i>	67.43	
			<i>For >50 To 100, Deduct</i>	-33.72	
			<i>For >100 To 200, Deduct</i>	-44.96	
			<i>For >200, Deduct</i>	-89.91	
32 17 23 13-0085	EA		CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	103.11	
			<i>For <10, Add</i>	13.75	
			<i>For >50 To 100, Deduct</i>	-6.87	
			<i>For >100 To 200, Deduct</i>	-9.17	
			<i>For >200, Deduct</i>	-18.33	
32 17 23 13-0086	EA		CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking.....	225.97	
			<i>For <10, Add</i>	30.12	
			<i>For >50 To 100, Deduct</i>	-15.06	
			<i>For >100 To 200, Deduct</i>	-20.08	
			<i>For >200, Deduct</i>	-40.16	
32 17 23 13-0087	EA		CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking.....	289.57	
			<i>For <10, Add</i>	38.63	
			<i>For >50 To 100, Deduct</i>	-19.31	
			<i>For >100 To 200, Deduct</i>	-25.75	
			<i>For >200, Deduct</i>	-51.50	
32 17 23 13-0088	EA		CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking.....	186.62	
			<i>For <10, Add</i>	24.88	
			<i>For >50 To 100, Deduct</i>	-12.44	
			<i>For >100 To 200, Deduct</i>	-16.59	
			<i>For >200, Deduct</i>	-33.17	
32 17 23 13-0089	EA		CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	245.71	
			<i>For <10, Add</i>	32.73	
			<i>For >50 To 100, Deduct</i>	-16.37	
			<i>For >100 To 200, Deduct</i>	-21.82	
			<i>For >200, Deduct</i>	-43.65	
32 17 23 13-0090	EA		CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	48.99	
			<i>For <10, Add</i>	6.55	
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 200, Deduct</i>	-4.37	
			<i>For >200, Deduct</i>	-8.73	
32 17 23 13-0091	EA		CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	468.07	
			Note: Excludes variable width transverse lines.		
			<i>For <10, Add</i>	62.20	
			<i>For >50 To 100, Deduct</i>	-31.10	
			<i>For >100 To 200, Deduct</i>	-41.46	
			<i>For >200, Deduct</i>	-82.93	
32 17 23 13-0092	SF		CALTRANS Solid Area, Painted Reflective Pavement Marking.....	6.08	
32 17 23 13-0093	EA		CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking.....	43.78	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For <10, Add</i>	4.71	
			<i>For >50 To 100, Deduct</i>	-2.36	
			<i>For >100 To 200, Deduct</i>	-3.14	
			<i>For >200, Deduct</i>	-6.29	
32 17 23 13-0094	EA		CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking.....	46.32	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For <10, Add</i>	4.98	
			<i>For >50 To 100, Deduct</i>	-2.49	
			<i>For >100 To 200, Deduct</i>	-3.32	
			<i>For >200, Deduct</i>	-6.63	
32 17 23 13-0095	EA		CALTRANS Diamond Symbol, Painted Reflective Pavement Marking.....	78.23	
			<i>For <10, Add</i>	10.47	
			<i>For >50 To 100, Deduct</i>	-5.24	
			<i>For >100 To 200, Deduct</i>	-6.98	
			<i>For >200, Deduct</i>	-13.97	
32 17 23 13-0096	EA		CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking.....	158.96	
			<i>For <10, Add</i>	21.21	
			<i>For >50 To 100, Deduct</i>	-10.61	
			<i>For >100 To 200, Deduct</i>	-14.14	
			<i>For >200, Deduct</i>	-28.28	
32 17 23 13-0097	EA		CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking.....	34.63	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For <10, Add</i>	4.98	
			<i>For >50 To 100, Deduct</i>	-2.49	
			<i>For >100 To 200, Deduct</i>	-3.32	
			<i>For >200, Deduct</i>	-6.63	
32 17 23 13-0098	SF		CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.17	
32 17 23 13-0099	SF		CALTRANS Symbols, Painted Reflective Pavement Marking	6.87	
			Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0100	Epoxy Reflective Pavement Marking <small>(32 17 23 13-0001)</small>				
			Note: 15 mil thickness.		
32 17 23 13-0101	LF		Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.41	
			<i>For 20 Mil Thickness, Add</i>	0.09	
			<i>For Up To 5,000 LF, Add</i>	0.08	
			<i>For >25,000 LF, Deduct</i>	-0.06	
			<i>For Broken Line, Deduct</i>	-0.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0102	LF		Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.58	
			<i>For 20 Mil Thickness, Add</i>	0.13	
			<i>For Up To 5,000 LF, Add</i>	0.12	
			<i>For >25,000 LF, Deduct</i>	-0.09	
			<i>For Broken Line, Deduct</i>	-0.26	
32 17 23 13-0103	LF		Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.71	
			<i>For 20 Mil Thickness, Add</i>	0.15	
			<i>For Up To 5,000 LF, Add</i>	0.14	
			<i>For >25,000 LF, Deduct</i>	-0.11	
			<i>For Broken Line, Deduct</i>	-0.32	
32 17 23 13-0104	LF		Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.05	
			<i>For 20 Mil Thickness, Add</i>	0.25	
			<i>For Up To 5,000 LF, Add</i>	0.21	
			<i>For >25,000 LF, Deduct</i>	-0.16	
			<i>For Broken Line, Deduct</i>	-0.51	
32 17 23 13-0105	LF		Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.64	
			<i>For 20 Mil Thickness, Add</i>	0.16	
			<i>For Up To 5,000 LF, Add</i>	0.13	
			<i>For >25,000 LF, Deduct</i>	-0.10	
			<i>For Broken Line On One Side, Deduct</i>	-0.17	
			<i>For Double Broken Line, Deduct</i>	-0.35	
32 17 23 13-0106	LF		Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.92	
			<i>For 20 Mil Thickness, Add</i>	0.24	
			<i>For Up To 5,000 LF, Add</i>	0.18	
			<i>For >25,000 LF, Deduct</i>	-0.14	
			<i>For Broken Line On One Side, Deduct</i>	-0.26	
			<i>For Double Broken Line, Deduct</i>	-0.52	
32 17 23 13-0107	SF		Solid Area, Epoxy Reflective Pavement Marking.....	6.47	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			<i>For 20 Mil Thickness, Add</i>	0.67	
32 17 23 13-0108	EA		6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	4.07	
			<i>For 20 Mil Thickness, Add</i>	0.34	
			<i>For <10, Add</i>	0.54	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100 To 200, Deduct</i>	-0.36	
			<i>For >200, Deduct</i>	-0.72	
32 17 23 13-0109	EA		12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	7.18	
			<i>For 20 Mil Thickness, Add</i>	0.86	
			<i>For <10, Add</i>	0.81	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 200, Deduct</i>	-0.54	
			<i>For >200, Deduct</i>	-1.08	
32 17 23 13-0110	EA		24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	12.09	
			<i>For 20 Mil Thickness, Add</i>	1.48	
			<i>For <10, Add</i>	1.35	
			<i>For >50 To 100, Deduct</i>	-0.67	
			<i>For >100 To 200, Deduct</i>	-0.90	
			<i>For >200, Deduct</i>	-1.80	
32 17 23 13-0111	EA		36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	23.44	
			<i>For 20 Mil Thickness, Add</i>	2.72	
			<i>For <10, Add</i>	2.70	
			<i>For >50 To 100, Deduct</i>	-1.35	
			<i>For >100 To 200, Deduct</i>	-1.80	
			<i>For >200, Deduct</i>	-3.60	
32 17 23 13-0112	EA		48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	27.25	
			<i>For 20 Mil Thickness, Add</i>	3.37	
			<i>For <10, Add</i>	3.03	
			<i>For >50 To 100, Deduct</i>	-1.51	
			<i>For >100 To 200, Deduct</i>	-2.02	
			<i>For >200, Deduct</i>	-4.03	
32 17 23 13-0113	EA		72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	48.82	
			<i>For 20 Mil Thickness, Add</i>	6.11	
			<i>For <10, Add</i>	5.38	
			<i>For >50 To 100, Deduct</i>	-2.69	
			<i>For >100 To 200, Deduct</i>	-3.59	
			<i>For >200, Deduct</i>	-7.18	
32 17 23 13-0114	EA		96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	65.20	
			<i>For 20 Mil Thickness, Add</i>	8.08	
			<i>For <10, Add</i>	7.23	
			<i>For >50 To 100, Deduct</i>	-3.61	
			<i>For >100 To 200, Deduct</i>	-4.82	
			<i>For >200, Deduct</i>	-9.64	
32 17 23 13-0115	EA		120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	97.69	
			<i>For 20 Mil Thickness, Add</i>	15.65	
			<i>For <10, Add</i>	8.96	
			<i>For >50 To 100, Deduct</i>	-4.48	
			<i>For >100 To 200, Deduct</i>	-5.97	
			<i>For >200, Deduct</i>	-11.94	
32 17 23 13-0116	SF		Letter/Number, Epoxy Reflective Pavement Marking.....	6.64	
			<i>For 20 Mil Thickness, Add</i>	0.68	
32 17 23 13-0117	SF		Symbols, Epoxy Reflective Pavement Marking.....	8.47	
			Note: Handicap, railroad, diamond, arrows, etc.		
			<i>For 20 Mil Thickness, Add</i>	0.77	
32 17 23 13-0118			Painted Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)		
			Note: Includes primers. Per Coat.		
32 17 23 13-0119			Painted Pavement Marking For Parking Areas (32 17 23 13-0118)		
			Note: 15 mil thickness.		
32 17 23 13-0120	LF		Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.95	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 17 Paving Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 17 23 13-0121	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.04	
32 17 23 13-0122	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.11	
32 17 23 13-0123	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.25	
32 17 23 13-0124	SF	Solid Area, Painted Pavement Marking For Parking Areas.....	5.39	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0125	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	3.77	
		For Up To 10, Add	0.52	
		For >50 To 100, Deduct	-0.26	
		For >100 To 200, Deduct	-0.35	
		For >200, Deduct	-0.70	
32 17 23 13-0126	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	6.25	
		For Up To 10, Add	0.79	
		For >50 To 100, Deduct	-0.39	
		For >100 To 200, Deduct	-0.52	
		For >200, Deduct	-1.05	
32 17 23 13-0127	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	10.50	
		For Up To 10, Add	1.31	
		For >50 To 100, Deduct	-0.65	
		For >100 To 200, Deduct	-0.87	
		For >200, Deduct	-1.75	
32 17 23 13-0128	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	19.69	
		For Up To 10, Add	2.49	
		For >50 To 100, Deduct	-1.24	
		For >100 To 200, Deduct	-1.66	
		For >200, Deduct	-3.32	
32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	26.26	
		For Up To 10, Add	3.40	
		For >50 To 100, Deduct	-1.70	
		For >100 To 200, Deduct	-2.27	
		For >200, Deduct	-4.54	
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	31.97	
		For Up To 10, Add	4.19	
		For >50 To 100, Deduct	-2.09	
		For >100 To 200, Deduct	-2.79	
		For >200, Deduct	-5.59	
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	42.30	
		For Up To 10, Add	5.24	
		For >50 To 100, Deduct	-2.62	
		For >100 To 200, Deduct	-3.49	
		For >200, Deduct	-6.98	
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	72.65	
		Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas.....	81.74	
		Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas	113.03	
		Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	115.12	
		Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	147.64	
		Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas	30.73	
		Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
		For Blue Background With White Symbol, Add	21.14	
		For Blue Background With White Symbol And Border, Add	26.42	
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas.....	43.34	
		Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
		For Blue Background With White Symbol, Add	41.45	
		For Blue Background With White Symbol And Border, Add	51.81	

32 17 23 13-0139 Painted Curbs (32 17 23 13)
Note: All colors.

32 17 23 13-0140	LF	Reflective Painted Curb	2.94	
32 17 23 13-0141	LF	Reflective Painted Curb And Gutter.....	5.59	
32 17 23 13-0142	LF	Painted Curb.....	2.39	
32 17 23 13-0143	LF	Painted Curb And Gutter.....	5.09	

32 17 23 13-0144 Markings For Outdoor Play Areas, Courts (32 17 23 13)

32 17 23 13-0145	LF	2" Wide Marking For Outdoor Play Areas	0.75	
32 17 23 13-0146	LF	3" Wide Marking For Outdoor Play Areas	0.85	
32 17 23 13-0147	LF	4" Wide Marking For Outdoor Play Areas	0.96	
32 17 23 13-0148	LF	6" Wide Marking For Outdoor Play Areas	1.13	
32 17 23 13-0149	EA	Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera).....	293.29	

32 17 23 23 Raised Pavement Markings (32 17 23)

32 17 23 23-0001 Raised Pavement Markers (RPMs) (32 17 23 23)

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM)	3.96	2.22
		Note: Type G, H or R		
		For >100, Deduct	-0.40	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM)	4.16	2.22
		Note: Type B, C, D, AC, RA or RR		
		For >100, Deduct	-0.42	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	5.35	2.22
		For >100, Deduct	-0.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 23-0005	EA		4" Diameter, Non-Reflective, Raised Pavement Marker (RPM)..... Note: Type A or AY For >100, Deduct	3.71 -0.37	2.22
32 17 23 23-0006			Snowplowable Pavement Markers (32 17 23 23)		
32 17 23 23-0007	EA		One-Way Reflective, Snowplowable Pavement Marker With Center Rail..... Note: Type G, H or R	55.85	26.13
32 17 23 23-0008	EA		Two-Way Reflective, Snowplowable Pavement Marker With Center Rail..... Note: Type B, C, D, AC, RA or RR	56.03	26.13
32 17 23 23-0009	EA		Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	15.59	
32 17 23 23-0010	EA		Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	20.13	
32 17 23 33			Plastic Pavement Markings (32 17 23)		
32 17 23 33-0001			Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23 33) Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002			Thermoplastic Reflective Pavement Marking (32 17 23 33-0001) Note: 90 mil thickness.		
32 17 23 33-0003	LF		Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.16	
			For Up To 5,000 LF, Add	0.23	
			For >25,000 LF, Deduct	-0.17	
			For 60 mils Thick, Deduct	-0.16	
			For 125 mils Thick, Add	0.20	
			For Broken Line, Deduct	-0.68	
32 17 23 33-0004	LF		Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.66	
			For Up To 5,000 LF, Add	0.33	
			For >25,000 LF, Deduct	-0.25	
			For 60 mils Thick, Deduct	-0.24	
			For 125 mils Thick, Add	0.31	
			For Broken Line, Deduct	-1.02	
32 17 23 33-0005	LF		Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.19	
			For Up To 5,000 LF, Add	0.44	
			For >25,000 LF, Deduct	-0.33	
			For 60 mils Thick, Deduct	-0.32	
			For 125 mils Thick, Add	0.41	
			For Broken Line, Deduct	-1.36	
32 17 23 33-0006	LF		Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.22	
			For Up To 5,000 LF, Add	0.64	
			For >25,000 LF, Deduct	-0.48	
			For 60 mils Thick, Deduct	-0.48	
			For 125 mils Thick, Add	0.61	
			For Broken Line, Deduct	-2.04	
32 17 23 33-0007	LF		Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.18	
			For Up To 5,000 LF, Add	0.44	
			For >25,000 LF, Deduct	-0.33	
			For 60 mils Thick, Deduct	-0.32	
			For 125 mils Thick, Add	0.41	
			For Broken Line On One Side, Deduct	-0.68	
			For Double Broken Line, Deduct	-1.36	
32 17 23 33-0008	LF		Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.22	
			For Up To 5,000 LF, Add	0.64	
			For >25,000 LF, Deduct	-0.48	
			For 60 mils Thick, Deduct	-0.48	
			For 125 mils Thick, Add	0.61	
			For Broken Line On One Side, Deduct	-1.02	
			For Double Broken Line, Deduct	-2.04	
32 17 23 33-0009	SF		Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	7.94	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			For 60 mils Thick, Deduct	-0.47	
			For 125 mils Thick, Add	0.61	
32 17 23 33-0010	EA		6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	5.22	
			For Up To 10, Add	0.59	
			For >50 To 100, Deduct	-0.29	
			For >100 To 200, Deduct	-0.39	
			For >200, Deduct	-0.79	
			For 60 mils Thick, Deduct	-0.23	
			For 125 mils Thick, Add	0.29	
32 17 23 33-0011	EA		12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.62	
			For Up To 10, Add	0.89	
			For >50 To 100, Deduct	-0.45	
			For >100 To 200, Deduct	-0.59	
			For >200, Deduct	-1.19	
			For 60 mils Thick, Deduct	-0.82	
			For 125 mils Thick, Add	1.05	
32 17 23 33-0012	EA		24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	18.06	
			For Up To 10, Add	1.48	
			For >50 To 100, Deduct	-0.74	
			For >100 To 200, Deduct	-0.99	
			For >200, Deduct	-1.97	
			For 60 mils Thick, Deduct	-1.43	
			For 125 mils Thick, Add	1.84	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 17 Paving Specialties



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	34.21	
		For Up To 10, Add	2.97	
		For >50 To 100, Deduct	-1.49	
		For >100 To 200, Deduct	-1.98	
		For >200, Deduct	-3.96	
		For 60 mils Thick, Deduct	-2.52	
		For 125 mils Thick, Add	3.24	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	40.91	
		For Up To 10, Add	3.33	
		For >50 To 100, Deduct	-1.66	
		For >100 To 200, Deduct	-2.22	
		For >200, Deduct	-4.44	
		For 60 mils Thick, Deduct	-3.28	
		For 125 mils Thick, Add	4.21	
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	73.67	
		For Up To 10, Add	5.92	
		For >50 To 100, Deduct	-2.96	
		For >100 To 200, Deduct	-3.95	
		For >200, Deduct	-7.89	
		For 60 mils Thick, Deduct	-5.99	
		For 125 mils Thick, Add	7.70	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	98.00	
		For Up To 10, Add	7.95	
		For >50 To 100, Deduct	-3.97	
		For >100 To 200, Deduct	-5.30	
		For >200, Deduct	-10.60	
		For 60 mils Thick, Deduct	-7.88	
		For 125 mils Thick, Add	10.13	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	166.11	
		For Up To 10, Add	9.85	
		For >50 To 100, Deduct	-4.92	
		For >100 To 200, Deduct	-6.56	
		For >200, Deduct	-13.13	
		For 60 mils Thick, Deduct	-17.58	
		For 125 mils Thick, Add	22.61	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	9.18	
		For 60 mils Thick, Deduct	-0.57	
		For 125 mils Thick, Add	0.73	
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	27.90	
		Note: Per SY of area.		
		For 60 mils Thick, Deduct	-1.06	
		For 125 mils Thick, Add	1.37	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	241.18	
		For 60 mils Thick, Deduct	-13.04	
		For 125 mils Thick, Add	16.77	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	715.71	
		For 60 mils Thick, Deduct	-39.70	
		For 125 mils Thick, Add	51.05	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	137.55	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For 60 mils Thick, Deduct	-17.96	
		For 125 mils Thick, Add	23.09	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	115.35	
		For 60 mils Thick, Deduct	-6.24	
		For 125 mils Thick, Add	8.02	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.48	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 60 mils Thick, Deduct	-0.57	
		For 125 mils Thick, Add	0.73	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	146.80	
		For 60 mils Thick, Deduct	-7.94	
		For 125 mils Thick, Add	10.21	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	262.16	
		For 60 mils Thick, Deduct	-14.18	
		For 125 mils Thick, Add	18.23	
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	325.07	
		For 60 mils Thick, Deduct	-17.58	
		For 125 mils Thick, Add	22.61	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	471.88	
		For 60 mils Thick, Deduct	-25.52	
		For 125 mils Thick, Add	32.82	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	618.69	
		For 60 mils Thick, Deduct	-33.46	
		For 125 mils Thick, Add	43.02	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	440.42	
		For 60 mils Thick, Deduct	-23.82	
		For 125 mils Thick, Add	30.63	
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	765.49	
		For 60 mils Thick, Deduct	-41.40	
		For 125 mils Thick, Add	53.23	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	157.29	
		For 60 mils Thick, Deduct	-8.51	
		For 125 mils Thick, Add	10.94	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	346.04	
		For 60 mils Thick, Deduct	-18.72	
		For 125 mils Thick, Add	24.06	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	440.42	
		For 60 mils Thick, Deduct	-23.82	
		For 125 mils Thick, Add	30.63	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	283.14	
		<i>For 60 mils Thick, Deduct</i>	-15.31	
		<i>For 125 mils Thick, Add</i>	19.69	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	377.51	
		<i>For 60 mils Thick, Deduct</i>	-20.42	
		<i>For 125 mils Thick, Add</i>	26.25	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	73.41	
		<i>For 60 mils Thick, Deduct</i>	-3.97	
		<i>For 125 mils Thick, Add</i>	5.11	
32 17 23 33-0038		Thermoplastic Reflective Pavement Striping By Hand For Repairs <small>(32 17 23 33-0001)</small>		
32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	2.75	
		<i>For 60 mils Thick, Deduct</i>	-0.16	
		<i>For 125 mils Thick, Add</i>	0.20	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	3.46	
		<i>For 60 mils Thick, Deduct</i>	-0.24	
		<i>For 125 mils Thick, Add</i>	0.31	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	4.26	
		<i>For 60 mils Thick, Deduct</i>	-0.32	
		<i>For 125 mils Thick, Add</i>	0.41	
32 17 23 33-0042	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	6.11	
		<i>For 60 mils Thick, Deduct</i>	-0.48	
		<i>For 125 mils Thick, Add</i>	0.61	
32 17 23 33-0043	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	10.94	
		<i>For 60 mils Thick, Deduct</i>	-0.95	
		<i>For 125 mils Thick, Add</i>	1.22	
32 17 23 33-0044		Preformed, Patterned Reflective Pavement Marking Tape <small>(32 17 23 33-0001)</small>		
		Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0045	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping.....	2.48	
		<i>For Up To 5,000 LF, Add</i>	0.50	
		<i>For >25,000 LF, Deduct</i>	-0.37	
32 17 23 33-0046	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping.....	3.67	
		<i>For Up To 5,000 LF, Add</i>	0.73	
		<i>For >25,000 LF, Deduct</i>	-0.55	
32 17 23 33-0047	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping.....	4.87	
		<i>For Up To 5,000 LF, Add</i>	0.97	
		<i>For >25,000 LF, Deduct</i>	-0.73	
32 17 23 33-0048	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping.....	7.24	
		<i>For Up To 5,000 LF, Add</i>	1.45	
		<i>For >25,000 LF, Deduct</i>	-1.09	
32 17 23 33-0049	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape.....	20.70	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 33-0050	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	30.68	
		<i>For <10, Add</i>	1.07	
		<i>For >50 To 100, Deduct</i>	-0.54	
		<i>For >100 To 200, Deduct</i>	-0.72	
		<i>For >200, Deduct</i>	-1.43	
32 17 23 33-0051	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	53.84	
		<i>For <10, Add</i>	1.36	
		<i>For >50 To 100, Deduct</i>	-0.68	
		<i>For >100 To 200, Deduct</i>	-0.91	
		<i>For >200, Deduct</i>	-1.82	
32 17 23 33-0052	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	92.72	
		<i>For <10, Add</i>	2.70	
		<i>For >50 To 100, Deduct</i>	-1.35	
		<i>For >100 To 200, Deduct</i>	-1.80	
		<i>For >200, Deduct</i>	-3.60	
32 17 23 33-0053	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	134.75	
		<i>For <10, Add</i>	5.39	
		<i>For >50 To 100, Deduct</i>	-2.70	
		<i>For >100 To 200, Deduct</i>	-3.60	
		<i>For >200, Deduct</i>	-7.19	
32 17 23 33-0054	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	157.78	
		<i>For <10, Add</i>	6.05	
		<i>For >50 To 100, Deduct</i>	-3.02	
		<i>For >100 To 200, Deduct</i>	-4.03	
		<i>For >200, Deduct</i>	-8.07	
32 17 23 33-0055	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	203.77	
		<i>For <10, Add</i>	10.76	
		<i>For >50 To 100, Deduct</i>	-5.38	
		<i>For >100 To 200, Deduct</i>	-7.18	
		<i>For >200, Deduct</i>	-14.35	
32 17 23 33-0056	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	260.25	
		<i>For <10, Add</i>	14.46	
		<i>For >50 To 100, Deduct</i>	-7.23	
		<i>For >100 To 200, Deduct</i>	-9.64	
		<i>For >200, Deduct</i>	-19.27	
32 17 23 33-0057	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	326.10	
		<i>For <10, Add</i>	17.91	
		<i>For >50 To 100, Deduct</i>	-8.96	
		<i>For >100 To 200, Deduct</i>	-11.94	
		<i>For >200, Deduct</i>	-23.88	
32 17 23 33-0058	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	21.40	
32 17 23 33-0059	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape.....	22.70	
		Note: Handicap, railroad, diamond symbol, etc.		

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 33-0060	Prefomed, Thermoplastic Reflective Pavement Marking <small>(32 17 23 33-0001)</small>		
	Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0061	EA Prefomed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 156.93		
	Note: Approximate overall dimensions: 4' width x 8' height.		
32 17 23 33-0062	EA Prefomed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 413.03		
	Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
32 17 23 33-0063	EA Prefomed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 96.74		
	Note: Approximate overall dimensions: 3-1/4' width x 13' height.		
32 17 23 33-0064	EA 6' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 87.88		
	Note: Approximate overall dimensions: 2' width x 6' height.		
32 17 23 33-0065	EA 9-1/2' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 146.97		
	Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.		
32 17 23 33-0066	EA 4' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 97.15		
	Note: Approximate overall dimensions: 3' width x 4' height.		
32 17 23 33-0067	EA 8' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 160.39		
	Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 33-0068	EA Prefomed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 255.84		
	Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.		
32 17 23 33-0069	EA Prefomed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 370.81		
	Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.		
32 17 23 33-0070	EA Prefomed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 155.53		
	Note: Approximate overall dimensions: 1-2/3' width x 12' height.		
32 17 23 33-0071	EA Prefomed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 168.95		
	Note: Approximate overall dimensions: 3' width x 12' height.		
32 17 23 33-0072	EA Prefomed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 285.52		
	Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
32 17 23 33-0073	EA Prefomed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 265.45		
	Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
32 17 23 33-0074	EA Prefomed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 268.06		
	Note: Approximate overall dimensions: 5-1/2' width x 20' height.		
32 17 23 33-0075	EA Prefomed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 350.24		
	Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
32 17 23 33-0076	Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas		
	<small>(32 17 23 33)</small>		
32 17 23 33-0077	Thermoplastic Pavement Marking Symbols For Parking Areas <small>(32 17 23 33-0076)</small>		
	Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0078	EA 28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas 59.74		
	Note: White or blue symbol. Excludes striping.		
32 17 23 33-0079	EA 39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas 189.05		
	Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
32 17 23 33-0080	EA 40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas 114.15		
	Note: White symbol on blue background. Excludes striping.		
32 17 23 33-0081	EA 45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas 134.87		
	Note: White symbol on blue background. Excludes striping.		
32 17 23 33-0082	EA 48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas 140.98		
	Note: White symbol on blue background. Excludes striping.		
32 17 26 Tactile Warning Surfaces <small>(32 17)</small>			
32 17 26 00-0001	Vitrified Polymer Composite (VPC); (Armor Tile) <small>(32 17 26)</small>		
	Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF Surface Applied VPC Truncated Dome Detectable Warning Surface 50.98	8.90	
	Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.		
32 17 26 00-0003	SF Embedded, VPC Truncated Dome Detectable Warning Surface 39.41	8.90	
	Note: Also raised strips or directional bars. All colors.		
32 17 26 00-0004	Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SateyStep TD) <small>(32 17 26)</small>		
	Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) 56.70	8.90	
	Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.		
32 17 26 00-0006	SF >15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) 48.69	8.90	
	Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.		

32 30 Site Improvements (32)**32 31 Fences And Gates** (32 30)**32 31 11 Gate Operators** (32 31)

32 31 11 00-0001	Gate Operators <small>(32 31 11)</small>		
	Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002	Swing Gate Actuator (DKS™ DoorKing®) <small>(32 31 11 00-0001)</small>		

			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 11 00-0003			Single Gate, Swing Gate Actuator (32 31 11 00-0002)			
	32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) 1,405.16 Note: Includes one primary operator with a 10' wide gate capacity.		183.40	
	32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) 1,855.12 Note: Includes one primary operator with a 14' wide gate capacity.		183.40	
32 31 11 00-0006			Dual Gate, Swing Gate Actuator (32 31 11 00-0002)			
	32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) 2,810.32 Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		366.81	
	32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) 3,710.23 Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		366.81	
32 31 11 00-0009			Swing Gate Operators (DKS™ DoorKing®) (32 31 11 00-0001)			
32 31 11 00-0010			Single Gate, Swing Gate Operators (32 31 11 00-0008)			
	32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) 2,812.71 Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.		183.40	
	32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) 3,054.99 Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.		183.40	
	32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) 4,127.95 Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.		183.40	
			<i>For 208/230/460 Volt AC, Add</i>	322.50		
	32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) 4,670.20 Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.		183.40	
			<i>For 208/230/460 Volt AC, Add</i>	322.50		
32 31 11 00-0015			Dual Gate, Swing Gate Operators (32 31 11 00-0009)			
	32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) 4,990.87 Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.		366.81	
	32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) 5,475.43 Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.		366.81	
	32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) 7,609.82 Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.		366.81	
			<i>For 208/230/460 Volt AC, Add</i>	322.50		
	32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) 8,798.16 Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.		366.81	
			<i>For 208/230/460 Volt AC, Add</i>	322.50		
32 31 11 00-0020			Sliding Gate Operators (DKS™ DoorKing®) (32 31 11 00-0001)			
			Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.			
	32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) 2,270.46 Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		183.40	
	32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) 3,209.11 Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		220.08	
	32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) 4,016.72 Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		220.08	
	32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) 5,272.65 Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		256.76	
	32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) 6,518.67 Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		256.76	
	32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) 8,945.63 Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		293.44	
	32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) 15,123.83 Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		293.44	
	32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) 25,788.38 Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		330.13	
32 31 11 00-0029			Accessories For Gate Actuators And Operators (DKS™ DoorKing®) (32 31 11 00-0001)			
	32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410) 486.93			
	32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409) 949.64			
	32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601) 608.22			
	32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031) 670.03			
	32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020) 600.81			
	32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310) 433.52			
	32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators 8.23			
	32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators 6.50			

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators.....	9.19	
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators.....	8.71	
32 31 11 00-0040	EA	Exterior Keypad Gate Operator (Linear AK-11)	506.87	131.40

32 31 11 00-0041 Sliding Gate Operator (LiftMaster) (32 31 11 00-0001)

32 31 11 00-0042	EA	Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)	2,120.17	220.08
		Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	139.00	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	99.50	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	49.00	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	196.95	
		For Each Additional 10' Chain, Add	29.50	

32 31 13 Chain Link Fences And Gates (32 31)**32 31 13 13 Chain Link Fences And Gates (32 31 13)****32 31 13 13-0001 Post Holes (32 31 13 13)**

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil (32 31 13 13-0001)

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	7.75	
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	8.72	
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.33	
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.62	
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.68	
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.94	
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	15.49	
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.43	
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.93	
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	23.25	
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	27.89	
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	34.86	

32 31 13 13-0015 Post Hole In Rock (32 31 13 13-0001)

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock.....	60.26	
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock.....	17.08	

32 31 13 13-0018 Fill For Post Holes (32 31 13 13-0001)

See CSI section 03 21 00 00-0000 for reinforcing bars.

32 31 13 13-0019 Concrete Fill For Post Holes (32 31 13 13-0018)

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	5.18	
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	6.64	
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	7.35	
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	8.53	
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	12.09	
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	16.14	
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	19.77	
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	23.11	
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	31.75	
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	39.65	
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	47.38	
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	55.46	

32 31 13 13-0032 Grout Fill For Post Holes (32 31 13 13-0018)

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole.....	6.05	
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole.....	7.79	
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole.....	8.52	
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole.....	9.67	
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole.....	13.57	
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole.....	18.11	
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole.....	22.10	
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole.....	25.71	
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole.....	34.67	
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole.....	42.66	
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole.....	50.43	
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole.....	58.43	

32 31 13 13-0045 Compacted Earth Fill For Post Holes (32 31 13 13-0018)

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	4.08	
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole.....	5.32	
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole.....	5.56	
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole.....	5.72	
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole.....	7.64	
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole.....	10.19	
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole.....	12.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0053 VLF 12" Diameter, Compacted Earth Fill For Post Hole.....	13.86	
32 31 13 13-0054 VLF 18" Diameter, Compacted Earth Fill For Post Hole.....	16.89	
32 31 13 13-0055 VLF 24" Diameter, Compacted Earth Fill For Post Hole.....	18.95	
32 31 13 13-0056 VLF 30" Diameter, Compacted Earth Fill For Post Hole.....	20.78	
32 31 13 13-0057 VLF 36" Diameter, Compacted Earth Fill For Post Hole.....	22.41	
32 31 13 13-0058 Fence Posts (32 31 13 13)		
Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059 Fence Posts (32 31 13 13-0058)		
32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel (32 31 13 13-0059)		
Note: Includes cap and accessories.		
32 31 13 13-0061 LF 1-7/8" Galvanized H-beam Post, Up To 6' In Length	13.32	2.67
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0062 LF 1-7/8" Galvanized H-beam Post, 7' To 10' In Length	12.55	2.28
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0063 LF 1-7/8" Galvanized H-beam Post, 11' To 15' In Length	11.62	1.88
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0064 LF 1-7/8" Galvanized H-beam Post, 16' To 20' In Length	10.89	1.48
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0065 LF 1-7/8" Galvanized H-beam Post, 21' To 24' In Length	10.39	1.28
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0066 LF 1-7/8" Galvanized H-beam Post, >24' In Length.....	9.61	0.89
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0067 Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) (32 31 13 13-0059)		
Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068 LF Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	9.37	2.47
For Each Top Rail Fitting, Add	0.85	
For Each Single Barbed Wire Arm, Add	1.90	
For Each Double Barbed Wire Arm, Add	3.40	
For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
For Vinyl Coated, Add	2.66	
For Powder Coated, Add	3.54	
For Aluminum Coated, Add	5.54	
For Schedule 20, Deduct	-0.89	
For Schedule 80, Add	2.62	
32 31 13 13-0069 LF 7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	8.61	2.07
For Each Top Rail Fitting, Add	0.85	
For Each Single Barbed Wire Arm, Add	1.90	
For Each Double Barbed Wire Arm, Add	3.40	
For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
For Vinyl Coated, Add	2.66	
For Powder Coated, Add	3.54	
For Aluminum Coated, Add	5.54	
For Schedule 20, Deduct	-0.89	
For Schedule 80, Add	2.54	
32 31 13 13-0070 LF 11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	7.77	1.68
For Each Top Rail Fitting, Add	0.85	
For Each Single Barbed Wire Arm, Add	1.90	
For Each Double Barbed Wire Arm, Add	3.40	
For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
For Vinyl Coated, Add	2.66	
For Powder Coated, Add	3.54	
For Aluminum Coated, Add	5.54	
For Schedule 20, Deduct	-0.89	
For Schedule 80, Add	2.46	
32 31 13 13-0071 LF 16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	7.11	1.28
For Each Top Rail Fitting, Add	0.85	
For Each Single Barbed Wire Arm, Add	1.90	
For Each Double Barbed Wire Arm, Add	3.40	
For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
For Vinyl Coated, Add	2.66	
For Powder Coated, Add	3.54	
For Aluminum Coated, Add	5.54	
For Schedule 20, Deduct	-0.89	
For Schedule 80, Add	2.39	
32 31 13 13-0072 LF 21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	6.66	1.09
For Each Top Rail Fitting, Add	0.85	
For Each Single Barbed Wire Arm, Add	1.90	
For Each Double Barbed Wire Arm, Add	3.40	
For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
For Vinyl Coated, Add	2.66	
For Powder Coated, Add	3.54	
For Aluminum Coated, Add	5.54	
For Schedule 20, Deduct	-0.89	
For Schedule 80, Add	2.35	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0073	LF >24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	6.18	0.89
	For Each Top Rail Fitting, Add	0.85	
	For Each Single Barbed Wire Arm, Add	1.90	
	For Each Double Barbed Wire Arm, Add	3.40	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.11	
	For Vinyl Coated, Add	2.66	
	For Powder Coated, Add	3.54	
	For Aluminum Coated, Add	5.54	
	For Schedule 20, Deduct	-0.89	
	For Schedule 80, Add	2.30	
32 31 13 13-0074	Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) (32 31 13 13-0059)		
	Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF 2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	10.53	2.57
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	3.11	
32 31 13 13-0076	LF 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	9.84	2.18
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	3.04	
32 31 13 13-0077	LF 2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	8.94	1.78
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	2.95	
32 31 13 13-0078	LF 2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	8.24	1.38
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	2.88	
32 31 13 13-0079	LF 2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	7.76	1.19
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	2.83	
32 31 13 13-0080	LF 2" Outside Diameter Galvanized Steel Post, >24' In Length.....	7.32	0.99
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.35	
	For Vinyl Coated, Add	3.25	
	For Powder Coated, Add	4.33	
	For Aluminum Coated, Add	6.76	
	For Schedule 20, Deduct	-1.08	
	For Schedule 80, Add	2.79	
32 31 13 13-0081	Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) (32 31 13 13-0059)		
	Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0082	LF 2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	12.59	2.76
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
	For Vinyl Coated, Add	4.31	
	For Powder Coated, Add	5.75	
	For Aluminum Coated, Add	8.99	
	For Schedule 20, Deduct	-1.44	
	For Schedule 80, Add	3.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0083	LF	2-1/2"	Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	11.82	2.37
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
			For Vinyl Coated, Add	4.31	
			For Powder Coated, Add	5.75	
			For Aluminum Coated, Add	8.99	
			For Schedule 20, Deduct	-1.44	
			For Schedule 80, Add	3.91	
32 31 13 13-0084	LF	2-1/2"	Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	10.89	1.88
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
			For Vinyl Coated, Add	4.31	
			For Powder Coated, Add	5.75	
			For Aluminum Coated, Add	8.99	
			For Schedule 20, Deduct	-1.44	
			For Schedule 80, Add	3.82	
32 31 13 13-0085	LF	2-1/2"	Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	10.16	1.48
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
			For Vinyl Coated, Add	4.31	
			For Powder Coated, Add	5.75	
			For Aluminum Coated, Add	8.99	
			For Schedule 20, Deduct	-1.44	
			For Schedule 80, Add	3.75	
32 31 13 13-0086	LF	2-1/2"	Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	9.66	1.28
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
			For Vinyl Coated, Add	4.31	
			For Powder Coated, Add	5.75	
			For Aluminum Coated, Add	8.99	
			For Schedule 20, Deduct	-1.44	
			For Schedule 80, Add	3.70	
32 31 13 13-0087	LF	2-1/2"	Outside Diameter Galvanized Steel Post, >24' In Length.....	9.20	0.99
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.80	
			For Vinyl Coated, Add	4.31	
			For Powder Coated, Add	5.75	
			For Aluminum Coated, Add	8.99	
			For Schedule 20, Deduct	-1.44	
			For Schedule 80, Add	3.65	
32 31 13 13-0088			Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) (32 31 13 13-0089)		
			Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0089	LF	3"	Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	16.69	2.97
			For Each Top Rail Fitting, Add	1.85	
			For Each Single Barbed Wire Arm, Add	3.85	
			For Each Double Barbed Wire Arm, Add	7.05	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
			For Vinyl Coated, Add	6.45	
			For Powder Coated, Add	8.60	
			For Aluminum Coated, Add	13.44	
			For Schedule 20, Deduct	-2.15	
			For Schedule 80, Add	5.75	
32 31 13 13-0090	LF	3"	Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	15.87	2.57
			For Each Top Rail Fitting, Add	1.85	
			For Each Single Barbed Wire Arm, Add	3.85	
			For Each Double Barbed Wire Arm, Add	7.05	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
			For Vinyl Coated, Add	6.45	
			For Powder Coated, Add	8.60	
			For Aluminum Coated, Add	13.44	
			For Schedule 20, Deduct	-2.15	
			For Schedule 80, Add	5.67	
32 31 13 13-0091	LF	3"	Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	14.87	2.07
			For Each Top Rail Fitting, Add	1.85	
			For Each Single Barbed Wire Arm, Add	3.85	
			For Each Double Barbed Wire Arm, Add	7.05	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
			For Vinyl Coated, Add	6.45	
			For Powder Coated, Add	8.60	
			For Aluminum Coated, Add	13.44	
			For Schedule 20, Deduct	-2.15	
			For Schedule 80, Add	5.57	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0092	LF 3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	14.04	1.68
	For Each Top Rail Fitting, Add	1.85	
	For Each Single Barbed Wire Arm, Add	3.85	
	For Each Double Barbed Wire Arm, Add	7.05	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
	For Vinyl Coated, Add	6.45	
	For Powder Coated, Add	8.60	
	For Aluminum Coated, Add	13.44	
	For Schedule 20, Deduct	-2.15	
	For Schedule 80, Add	5.49	
32 31 13 13-0093	LF 3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.49	1.38
	For Each Top Rail Fitting, Add	1.85	
	For Each Single Barbed Wire Arm, Add	3.85	
	For Each Double Barbed Wire Arm, Add	7.05	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
	For Vinyl Coated, Add	6.45	
	For Powder Coated, Add	8.60	
	For Aluminum Coated, Add	13.44	
	For Schedule 20, Deduct	-2.15	
	For Schedule 80, Add	5.43	
32 31 13 13-0094	LF 3" Outside Diameter Galvanized Steel Post, >24' In Length.....	12.98	1.09
	For Each Top Rail Fitting, Add	1.85	
	For Each Single Barbed Wire Arm, Add	3.85	
	For Each Double Barbed Wire Arm, Add	7.05	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.69	
	For Vinyl Coated, Add	6.45	
	For Powder Coated, Add	8.60	
	For Aluminum Coated, Add	13.44	
	For Schedule 20, Deduct	-2.15	
	For Schedule 80, Add	5.38	
32 31 13 13-0095	Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) (32 31 13 13-0059)		
	Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF 4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	23.71	3.16
	For Each Top Rail Fitting, Add	2.60	
	For Each Single Barbed Wire Arm, Add	5.10	
	For Each Double Barbed Wire Arm, Add	11.25	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37	
	For Vinyl Coated, Add	10.48	
	For Powder Coated, Add	13.98	
	For Aluminum Coated, Add	21.84	
	For Schedule 20, Deduct	-3.49	
	For Schedule 80, Add	9.01	
32 31 13 13-0097	LF 4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	22.67	2.57
	For Each Top Rail Fitting, Add	2.60	
	For Each Single Barbed Wire Arm, Add	5.10	
	For Each Double Barbed Wire Arm, Add	11.25	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37	
	For Vinyl Coated, Add	10.48	
	For Powder Coated, Add	13.98	
	For Aluminum Coated, Add	21.84	
	For Schedule 20, Deduct	-3.49	
	For Schedule 80, Add	8.91	
32 31 13 13-0098	LF 4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	21.81	2.18
	For Each Top Rail Fitting, Add	2.60	
	For Each Single Barbed Wire Arm, Add	5.10	
	For Each Double Barbed Wire Arm, Add	11.25	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37	
	For Vinyl Coated, Add	10.48	
	For Powder Coated, Add	13.98	
	For Aluminum Coated, Add	21.84	
	For Schedule 20, Deduct	-3.49	
	For Schedule 80, Add	8.82	
32 31 13 13-0099	LF 4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	20.95	1.78
	For Each Top Rail Fitting, Add	2.60	
	For Each Single Barbed Wire Arm, Add	5.10	
	For Each Double Barbed Wire Arm, Add	11.25	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37	
	For Vinyl Coated, Add	10.48	
	For Powder Coated, Add	13.98	
	For Aluminum Coated, Add	21.84	
	For Schedule 20, Deduct	-3.49	
	For Schedule 80, Add	8.73	
32 31 13 13-0100	LF 4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	20.94	1.78
	For Each Top Rail Fitting, Add	2.60	
	For Each Single Barbed Wire Arm, Add	5.10	
	For Each Double Barbed Wire Arm, Add	11.25	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37	
	For Vinyl Coated, Add	10.48	
	For Powder Coated, Add	13.98	
	For Aluminum Coated, Add	21.84	
	For Schedule 20, Deduct	-3.49	
	For Schedule 80, Add	8.73	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length.....	19.94		1.28
		For Each Top Rail Fitting, Add	2.60		
		For Each Single Barbed Wire Arm, Add	5.10		
		For Each Double Barbed Wire Arm, Add	11.25		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	4.37		
		For Vinyl Coated, Add	10.48		
		For Powder Coated, Add	13.98		
		For Aluminum Coated, Add	21.84		
		For Schedule 20, Deduct	-3.49		
		For Schedule 80, Add	8.63		
32 31 13 13-0102		Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) <small>(32 31 13 13-0059)</small>			
Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.					
32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	43.98		3.47
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.47		
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	42.86		2.87
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.36		
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	41.87		2.37
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.26		
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	40.89		1.88
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.16		
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	40.33		1.68
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.11		
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	39.78		1.38
		For Each Top Rail Fitting, Add	4.55		
		For Each Single Barbed Wire Arm, Add	7.15		
		For Each Double Barbed Wire Arm, Add	14.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	9.26		
		For Vinyl Coated, Add	22.22		
		For Powder Coated, Add	29.63		
		For Aluminum Coated, Add	46.30		
		For Schedule 20, Deduct	-7.41		
		For Schedule 80, Add	18.05		
32 31 13 13-0109		Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) <small>(32 31 13 13-0059)</small>			
Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.					
32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	83.61		3.85
		For Each Top Rail Fitting, Add	7.50		
		For Each Single Barbed Wire Arm, Add	9.15		
		For Each Double Barbed Wire Arm, Add	18.95		
		For SS40 (Hot-Dip Galvanized And Chromated), Add	18.98		
		For Vinyl Coated, Add	45.54		
		For Powder Coated, Add	60.72		
		For Aluminum Coated, Add	94.88		
		For Schedule 20, Deduct	-15.18		
		For Schedule 80, Add	37.20		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	82.35	3.26
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.98	
		<i>For Vinyl Coated, Add</i>	45.54	
		<i>For Powder Coated, Add</i>	60.72	
		<i>For Aluminum Coated, Add</i>	94.88	
		<i>For Schedule 20, Deduct</i>	-15.18	
		<i>For Schedule 80, Add</i>	37.08	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	81.24	2.67
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.98	
		<i>For Vinyl Coated, Add</i>	45.54	
		<i>For Powder Coated, Add</i>	60.72	
		<i>For Aluminum Coated, Add</i>	94.88	
		<i>For Schedule 20, Deduct</i>	-15.18	
		<i>For Schedule 80, Add</i>	36.97	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	80.14	2.07
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.98	
		<i>For Vinyl Coated, Add</i>	45.54	
		<i>For Powder Coated, Add</i>	60.72	
		<i>For Aluminum Coated, Add</i>	94.88	
		<i>For Schedule 20, Deduct</i>	-15.18	
		<i>For Schedule 80, Add</i>	36.86	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	79.56	1.78
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.98	
		<i>For Vinyl Coated, Add</i>	45.54	
		<i>For Powder Coated, Add</i>	60.72	
		<i>For Aluminum Coated, Add</i>	94.88	
		<i>For Schedule 20, Deduct</i>	-15.18	
		<i>For Schedule 80, Add</i>	36.80	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	78.96	1.48
		<i>For Each Top Rail Fitting, Add</i>	7.50	
		<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
		<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.98	
		<i>For Vinyl Coated, Add</i>	45.54	
		<i>For Powder Coated, Add</i>	60.72	
		<i>For Aluminum Coated, Add</i>	94.88	
		<i>For Schedule 20, Deduct</i>	-15.18	
		<i>For Schedule 80, Add</i>	36.74	
32 31 13 13-0116		Driven Post Supports (32 31 13 13)		
		Note: OZ-Post.		
32 31 13 13-0117		Driven Post Support For Round Chain Link Fence Posts (32 31 13 13-0116)		
32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post.....	57.55	
		Note: OZ-Post GB-700.		
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post.....	57.55	
		Note: OZ-Post HB-700.		
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	58.88	
		Note: OZ-Post IS-600.		
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	71.02	
		Note: OZ-Post ISW-850.		
32 31 13 13-0122		Driven Post Support For Square Ornamental Fence Posts (32 31 13 13-0116)		
32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post.....	67.01	
		Note: OZ-Post C175-850.		
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post.....	65.01	
		Note: OZ-Post I2-600.		
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post.....	67.41	
		Note: OZ-Post I2-850.		
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post.....	71.02	
		Note: OZ-Post I25-850.		
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post.....	71.02	
		Note: OZ-Post I3-850.		
32 31 13 13-0128		Driven Post Support For Wooden Fence Posts (32 31 13 13-0116)		
32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	64.66	
		Note: OZ-Post T4-600.		
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	69.01	
		Note: OZ-Post T4-850.		
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post.....	73.68	
		Note: OZ-Post C4-850.		
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post.....	73.69	
		Note: OZ-Post P4-850.		
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post.....	82.37	
		Note: OZ-Post T46-850.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0134	EA		36" Driven Post Support For 6" Square Wooden Fence Post..... Note: OZ-Post T6-850.	88.50	
32 31 13 13-0135			Driven Post Support For Vinyl Fence Posts (32 31 13 13-0116)		
32 31 13 13-0136	EA		24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	64.66	
32 31 13 13-0137	EA		34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	69.01	
32 31 13 13-0138	EA		34" Driven Post Support For 4" Square Vinyl Fence Post..... Note: OZ-Post P4-850.	73.69	
32 31 13 13-0139	EA		34" Driven Post Support For 5" Square Vinyl Fence Post..... Note: OZ-Post P4-850.	74.75	
32 31 13 13-0140			Chain Link Fence Assemblies (32 31 13 13)		
32 31 13 13-0141			Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts (32 31 13 13-0140) Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0641 for barb wire attachments.		
32 31 13 13-0142			Galvanized (32 31 13 13-0141)		
32 31 13 13-0143	LF		3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	26.98	3.36
32 31 13 13-0144	LF		3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post..... <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	27.99	3.36
32 31 13 13-0145	LF		4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	28.86	3.36
32 31 13 13-0146	LF		5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	30.92	3.36

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	33.46	3.36
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.42	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.44	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.76	
		<i>For 6 Gauge Fabric, Add</i>	5.91	
		<i>For 1" Mesh Fabric, Add</i>	8.06	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.22	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.61	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.15	
		<i>For Posts 8' On Centers, Add</i>	1.85	
		<i>For Posts 5' On Centers, Add</i>	6.99	
		<i>For Up To 100, Add</i>	6.51	
		<i>For >100 To 250, Add</i>	2.42	
		<i>For >2,500 To 5,000, Deduct</i>	-1.21	
		<i>For >5,000, Deduct</i>	-2.42	
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	34.78	5.04
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.51	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.70	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.92	
		<i>For 6 Gauge Fabric, Add</i>	6.15	
		<i>For 1" Mesh Fabric, Add</i>	8.39	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.36	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.68	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.24	
		<i>For Posts 8' On Centers, Add</i>	1.92	
		<i>For Posts 5' On Centers, Add</i>	7.27	
		<i>For Up To 100, Add</i>	6.77	
		<i>For >100 To 250, Add</i>	2.51	
		<i>For >2,500 To 5,000, Deduct</i>	-1.26	
		<i>For >5,000, Deduct</i>	-2.51	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	39.16	5.88
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.78	
		<i>For 13 Gauge Fabric, Deduct</i>	-7.87	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.60	
		<i>For 6 Gauge Fabric, Add</i>	7.23	
		<i>For 1" Mesh Fabric, Add</i>	9.85	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.94	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.97	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.63	
		<i>For Posts 8' On Centers, Add</i>	2.16	
		<i>For Posts 5' On Centers, Add</i>	8.12	
		<i>For Up To 100, Add</i>	7.53	
		<i>For >100 To 250, Add</i>	2.78	
		<i>For >2,500 To 5,000, Deduct</i>	-1.39	
		<i>For >5,000, Deduct</i>	-2.78	
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	41.71	7.57
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.95	
		<i>For 13 Gauge Fabric, Deduct</i>	-8.49	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.96	
		<i>For 6 Gauge Fabric, Add</i>	7.79	
		<i>For 1" Mesh Fabric, Add</i>	10.63	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.25	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.13	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.83	
		<i>For Posts 8' On Centers, Add</i>	2.29	
		<i>For Posts 5' On Centers, Add</i>	8.63	
		<i>For Up To 100, Add</i>	7.98	
		<i>For >100 To 250, Add</i>	2.95	
		<i>For >2,500 To 5,000, Deduct</i>	-1.47	
		<i>For >5,000, Deduct</i>	-2.95	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	44.27	8.41
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.12	
		<i>For 13 Gauge Fabric, Deduct</i>	-9.10	
		<i>For 11 Gauge Fabric, Deduct</i>	-5.32	
		<i>For 6 Gauge Fabric, Add</i>	8.36	
		<i>For 1" Mesh Fabric, Add</i>	11.40	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.56	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.28	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.04	
		<i>For Posts 8' On Centers, Add</i>	2.43	
		<i>For Posts 5' On Centers, Add</i>	9.14	
		<i>For Up To 100, Add</i>	8.45	
		<i>For >100 To 250, Add</i>	3.12	
		<i>For >2,500 To 5,000, Deduct</i>	-1.56	
		<i>For >5,000, Deduct</i>	-3.12	

32 31 13 13-0152 Vinyl Coated (32 31 13 13-0141)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0153	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	29.83	3.36
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.44	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.17	
			<i>For 13 Gauge Fabric, Deduct</i>	-5.65	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.30	
			<i>For 6 Gauge Fabric, Add</i>	5.18	
			<i>For 1" Mesh Fabric, Add</i>	7.07	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.83	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.41	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.89	
			<i>For Posts 8' On Centers, Add</i>	1.65	
			<i>For Posts 5' On Centers, Add</i>	6.25	
			<i>For Up To 100, Add</i>	5.83	
			<i>For >100 To 250, Add</i>	2.17	
			<i>For >2,500 To 5,000, Deduct</i>	-1.09	
			<i>For >5,000, Deduct</i>	-2.17	
32 31	13 13-0154	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	32.15	3.36
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.72	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.31	
			<i>For 13 Gauge Fabric, Deduct</i>	-6.30	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.68	
			<i>For 6 Gauge Fabric, Add</i>	5.78	
			<i>For 1" Mesh Fabric, Add</i>	7.89	
			<i>For 1-3/4" Mesh Fabric, Add</i>	3.15	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.58	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.10	
			<i>For Posts 8' On Centers, Add</i>	1.78	
			<i>For Posts 5' On Centers, Add</i>	6.70	
			<i>For Up To 100, Add</i>	6.22	
			<i>For >100 To 250, Add</i>	2.31	
			<i>For >2,500 To 5,000, Deduct</i>	-1.15	
			<i>For >5,000, Deduct</i>	-2.31	
32 31	13 13-0155	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	35.95	3.36
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.15	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.54	
			<i>For 13 Gauge Fabric, Deduct</i>	-7.30	
			<i>For 11 Gauge Fabric, Deduct</i>	-4.27	
			<i>For 6 Gauge Fabric, Add</i>	6.71	
			<i>For 1" Mesh Fabric, Add</i>	9.14	
			<i>For 1-3/4" Mesh Fabric, Add</i>	3.66	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.83	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.44	
			<i>For Posts 8' On Centers, Add</i>	1.98	
			<i>For Posts 5' On Centers, Add</i>	7.44	
			<i>For Up To 100, Add</i>	6.89	
			<i>For >100 To 250, Add</i>	2.54	
			<i>For >2,500 To 5,000, Deduct</i>	-1.27	
			<i>For >5,000, Deduct</i>	-2.54	
32 31	13 13-0156	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	37.67	5.04
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.33	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.66	
			<i>For 13 Gauge Fabric, Deduct</i>	-7.71	
			<i>For 11 Gauge Fabric, Deduct</i>	-4.50	
			<i>For 6 Gauge Fabric, Add</i>	7.08	
			<i>For 1" Mesh Fabric, Add</i>	9.65	
			<i>For 1-3/4" Mesh Fabric, Add</i>	3.86	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.93	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.57	
			<i>For Posts 8' On Centers, Add</i>	2.07	
			<i>For Posts 5' On Centers, Add</i>	7.79	
			<i>For Up To 100, Add</i>	7.20	
			<i>For >100 To 250, Add</i>	2.66	
			<i>For >2,500 To 5,000, Deduct</i>	-1.33	
			<i>For >5,000, Deduct</i>	-2.66	
32 31	13 13-0157	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.53	5.88
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.90	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.95	
			<i>For 13 Gauge Fabric, Deduct</i>	-9.04	
			<i>For 11 Gauge Fabric, Deduct</i>	-5.28	
			<i>For 6 Gauge Fabric, Add</i>	8.30	
			<i>For 1" Mesh Fabric, Add</i>	11.32	
			<i>For 1-3/4" Mesh Fabric, Add</i>	4.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.26	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.02	
			<i>For Posts 8' On Centers, Add</i>	2.32	
			<i>For Posts 5' On Centers, Add</i>	8.73	
			<i>For Up To 100, Add</i>	8.03	
			<i>For >100 To 250, Add</i>	2.95	
			<i>For >2,500 To 5,000, Deduct</i>	-1.48	
			<i>For >5,000, Deduct</i>	-2.95	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0158	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	45.33	7.57
		For Powder Coated Framework (Posts, Rails, Hardware), Add	4.21	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	3.13	
		For 13 Gauge Fabric, Deduct	-9.75	
		For 11 Gauge Fabric, Deduct	-5.69	
		For 6 Gauge Fabric, Add	8.95	
		For 1" Mesh Fabric, Add	12.20	
		For 1-3/4" Mesh Fabric, Add	4.88	
		For 2-1/8" Mesh Fabric, Deduct	-2.44	
		For 2-3/8" Mesh Fabric, Deduct	-3.25	
		For Posts 8' On Centers, Add	2.47	
		For Posts 5' On Centers, Add	9.28	
		For Up To 100, Add	8.53	
		For >100 To 250, Add	3.13	
		For >2,500 To 5,000, Deduct	-1.57	
		For >5,000, Deduct	-3.13	
32 31 13 13-0159	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	48.14	8.41
		For Powder Coated Framework (Posts, Rails, Hardware), Add	4.51	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	3.31	
		For 13 Gauge Fabric, Deduct	-10.45	
		For 11 Gauge Fabric, Deduct	-6.10	
		For 6 Gauge Fabric, Add	9.59	
		For 1" Mesh Fabric, Add	13.08	
		For 1-3/4" Mesh Fabric, Add	5.23	
		For 2-1/8" Mesh Fabric, Deduct	-2.62	
		For 2-3/8" Mesh Fabric, Deduct	-3.49	
		For Posts 8' On Centers, Add	2.62	
		For Posts 5' On Centers, Add	9.84	
		For Up To 100, Add	9.03	
		For >100 To 250, Add	3.31	
		For >2,500 To 5,000, Deduct	-1.66	
		For >5,000, Deduct	-3.31	
32 31 13 13-0160		Rails (32 31 13 13) Note: Includes rail end fittings.		
32 31 13 13-0161		SS-20 Chain Link Fence Rails (32 31 13 13-0160) Note: Includes tie wires.		
32 31 13 13-0162	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	4.82	1.09
		For SS15, Deduct	-0.25	
		For SS40, Add	0.64	
32 31 13 13-0163	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	5.67	1.09
		For SS40, Add	0.34	
		For Powder Coated, Add	0.68	
		For Aluminum Coated, Add	1.36	
32 31 13 13-0164	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	5.85	1.23
		For SS15, Deduct	-0.34	
		For SS40, Add	0.85	
32 31 13 13-0165	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	6.99	1.23
		For SS40, Add	0.45	
		For Powder Coated, Add	0.90	
		For Aluminum Coated, Add	1.81	
32 31 13 13-0166	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	6.82	1.38
		For SS40, Add	1.02	
32 31 13 13-0167	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	8.18	1.38
		For SS40, Add	0.54	
		For Powder Coated, Add	1.08	
		For Aluminum Coated, Add	2.17	
32 31 13 13-0168		Fabric (32 31 13 13)		
32 31 13 13-0169		Fabric, Galvanized Chain Link (32 31 13 13-0168)		
32 31 13 13-0170	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	8.81	1.98
		For 1-1/4" Mesh Fabric, Add	0.67	
		For 2 Oz Galvanized Or Zinc Coating, Add	0.60	
		For 13 Gauge Fabric, Deduct	-1.08	
		For 11 Gauge Fabric, Deduct	-0.60	
		For 6 Gauge Fabric, Add	1.91	
		For 1" Mesh Fabric, Add	1.79	
		For 1-1/4" Mesh Fabric, Add	1.20	
		For 1-3/4" Mesh Fabric, Add	0.72	
		For 2-1/8" Mesh Fabric, Deduct	-0.36	
		For 2-3/8" Mesh Fabric, Deduct	-0.48	
32 31 13 13-0171	LF	3-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	9.71	2.22
		For 1-1/4" Mesh Fabric, Add	0.78	
		For 2 Oz Galvanized Or Zinc Coating, Add	0.70	
		For 13 Gauge Fabric, Deduct	-1.26	
		For 11 Gauge Fabric, Deduct	-0.70	
		For 6 Gauge Fabric, Add	2.23	
		For 1" Mesh Fabric, Add	2.09	
		For 1-1/4" Mesh Fabric, Add	1.40	
		For 1-3/4" Mesh Fabric, Add	0.84	
		For 2-1/8" Mesh Fabric, Deduct	-0.42	
		For 2-3/8" Mesh Fabric, Deduct	-0.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0172	LF 4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	10.49	2.47
			For 1-1/4" Mesh Fabric, Add	0.86	
			For 2 Oz Galvanized Or Zinc Coating, Add	0.77	
			For 13 Gauge Fabric, Deduct	-1.38	
			For 11 Gauge Fabric, Deduct	-0.77	
			For 6 Gauge Fabric, Add	2.46	
			For 1" Mesh Fabric, Add	2.30	
			For 1-1/4" Mesh Fabric, Add	1.54	
			For 1-3/4" Mesh Fabric, Add	0.92	
			For 2-1/8" Mesh Fabric, Deduct	-0.46	
			For 2-3/8" Mesh Fabric, Deduct	-0.61	
32 31	13	13-0173	LF 5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	11.74	2.97
			For 1-1/4" Mesh Fabric, Add	1.07	
			For 2 Oz Galvanized Or Zinc Coating, Add	0.96	
			For 13 Gauge Fabric, Deduct	-1.72	
			For 11 Gauge Fabric, Deduct	-0.96	
			For 6 Gauge Fabric, Add	3.06	
			For 1" Mesh Fabric, Add	2.87	
			For 1-1/4" Mesh Fabric, Add	1.92	
			For 1-3/4" Mesh Fabric, Add	1.15	
			For 2-1/8" Mesh Fabric, Deduct	-0.57	
			For 2-3/8" Mesh Fabric, Deduct	-0.77	
32 31	13	13-0174	LF 6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	13.07	3.47
			For 1-1/4" Mesh Fabric, Add	1.29	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.15	
			For 13 Gauge Fabric, Deduct	-2.07	
			For 11 Gauge Fabric, Deduct	-1.15	
			For 6 Gauge Fabric, Add	3.68	
			For 1" Mesh Fabric, Add	3.45	
			For 1-1/4" Mesh Fabric, Add	2.30	
			For 1-3/4" Mesh Fabric, Add	1.38	
			For 2-1/8" Mesh Fabric, Deduct	-0.69	
			For 2-3/8" Mesh Fabric, Deduct	-0.92	
32 31	13	13-0175	LF 7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	14.48	3.95
			For 1-1/4" Mesh Fabric, Add	1.50	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.34	
			For 13 Gauge Fabric, Deduct	-2.41	
			For 11 Gauge Fabric, Deduct	-1.34	
			For 6 Gauge Fabric, Add	4.29	
			For 1" Mesh Fabric, Add	4.02	
			For 1-1/4" Mesh Fabric, Add	2.68	
			For 1-3/4" Mesh Fabric, Add	1.61	
			For 2-1/8" Mesh Fabric, Deduct	-0.80	
			For 2-3/8" Mesh Fabric, Deduct	-1.07	
32 31	13	13-0176	LF 8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	16.02	4.94
			For 1-1/4" Mesh Fabric, Add	1.72	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.53	
			For 13 Gauge Fabric, Deduct	-2.76	
			For 11 Gauge Fabric, Deduct	-1.53	
			For 6 Gauge Fabric, Add	4.90	
			For 1" Mesh Fabric, Add	4.60	
			For 1-1/4" Mesh Fabric, Add	3.07	
			For 1-3/4" Mesh Fabric, Add	1.84	
			For 2-1/8" Mesh Fabric, Deduct	-0.92	
			For 2-3/8" Mesh Fabric, Deduct	-1.23	
32 31	13	13-0177	LF 10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	18.87	5.44
			For 1-1/4" Mesh Fabric, Add	2.23	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.99	
			For 13 Gauge Fabric, Deduct	-3.58	
			For 11 Gauge Fabric, Deduct	-1.99	
			For 6 Gauge Fabric, Add	6.37	
			For 1" Mesh Fabric, Add	5.97	
			For 1-1/4" Mesh Fabric, Add	3.98	
			For 1-3/4" Mesh Fabric, Add	2.39	
			For 2-1/8" Mesh Fabric, Deduct	-1.19	
			For 2-3/8" Mesh Fabric, Deduct	-1.59	
32 31	13	13-0178	LF 12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	21.40	5.94
			For 1-1/4" Mesh Fabric, Add	2.67	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.39	
			For 13 Gauge Fabric, Deduct	-4.29	
			For 11 Gauge Fabric, Deduct	-2.39	
			For 6 Gauge Fabric, Add	7.63	
			For 1" Mesh Fabric, Add	7.16	
			For 1-1/4" Mesh Fabric, Add	4.77	
			For 1-3/4" Mesh Fabric, Add	2.86	
			For 2-1/8" Mesh Fabric, Deduct	-1.43	
			For 2-3/8" Mesh Fabric, Deduct	-1.91	
32 31	13	13-0179	LF 14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	24.09	6.92
			For 1-1/4" Mesh Fabric, Add	2.87	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.56	
			For 13 Gauge Fabric, Deduct	-4.61	
			For 11 Gauge Fabric, Deduct	-2.56	
			For 6 Gauge Fabric, Add	8.20	
			For 1" Mesh Fabric, Add	7.69	
			For 1-1/4" Mesh Fabric, Add	5.13	
			For 1-3/4" Mesh Fabric, Add	3.08	
			For 2-1/8" Mesh Fabric, Deduct	-1.54	
			For 2-3/8" Mesh Fabric, Deduct	-2.05	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0180	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	26.77	7.91
		For 1-1/4" Mesh Fabric, Add	3.07	
		For 2 Oz Galvanized Or Zinc Coating, Add	2.74	
		For 13 Gauge Fabric, Deduct	-4.93	
		For 11 Gauge Fabric, Deduct	-2.74	
		For 6 Gauge Fabric, Add	8.76	
		For 1" Mesh Fabric, Add	8.21	
		For 1-1/4" Mesh Fabric, Add	5.48	
		For 1-3/4" Mesh Fabric, Add	3.29	
		For 2-1/8" Mesh Fabric, Deduct	-1.64	
		For 2-3/8" Mesh Fabric, Deduct	-2.19	
32 31 13 13-0181	SF	>16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	1.67	0.46
		For 1-1/4" Mesh Fabric, Add	0.19	
		For 2 Oz Galvanized Or Zinc Coating, Add	0.17	
		For 13 Gauge Fabric, Deduct	-0.31	
		For 11 Gauge Fabric, Deduct	-0.17	
		For 6 Gauge Fabric, Add	0.54	
		For 1" Mesh Fabric, Add	0.51	
		For 1-1/4" Mesh Fabric, Add	0.34	
		For 1-3/4" Mesh Fabric, Add	0.20	
		For 2-1/8" Mesh Fabric, Deduct	-0.10	
		For 2-3/8" Mesh Fabric, Deduct	-0.14	
32 31 13 13-0182		Fabric, Vinyl Coated Chain Link <small>(32 31 13 13-0182)</small>		
32 31 13 13-0183	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	11.46	1.98
		For 1-1/4" Mesh Fabric, Add	1.13	
		For 13 Gauge Fabric, Deduct	-1.82	
		For 11 Gauge Fabric, Deduct	-1.01	
		For 6 Gauge Fabric, Add	3.23	
		For 1" Mesh Fabric, Add	3.03	
		For 1-1/4" Mesh Fabric, Add	2.02	
		For 1-3/4" Mesh Fabric, Add	1.21	
		For 2-1/8" Mesh Fabric, Deduct	-0.61	
		For 2-3/8" Mesh Fabric, Deduct	-0.81	
		For Aluminum Coated, Add	1.62	
32 31 13 13-0184	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	12.96	2.97
		For 1-1/4" Mesh Fabric, Add	1.41	
		For 13 Gauge Fabric, Deduct	-2.27	
		For 11 Gauge Fabric, Deduct	-1.26	
		For 6 Gauge Fabric, Add	4.04	
		For 1" Mesh Fabric, Add	3.79	
		For 1-1/4" Mesh Fabric, Add	2.53	
		For 1-3/4" Mesh Fabric, Add	1.52	
		For 2-1/8" Mesh Fabric, Deduct	-0.76	
		For 2-3/8" Mesh Fabric, Deduct	-1.01	
		For Aluminum Coated, Add	2.02	
32 31 13 13-0185	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.56	3.47
		For 1-1/4" Mesh Fabric, Add	1.99	
		For 13 Gauge Fabric, Deduct	-3.19	
		For 11 Gauge Fabric, Deduct	-1.77	
		For 6 Gauge Fabric, Add	5.67	
		For 1" Mesh Fabric, Add	5.32	
		For 1-1/4" Mesh Fabric, Add	3.55	
		For 1-3/4" Mesh Fabric, Add	2.13	
		For 2-1/8" Mesh Fabric, Deduct	-1.06	
		For 2-3/8" Mesh Fabric, Deduct	-1.42	
		For Aluminum Coated, Add	2.84	
32 31 13 13-0186	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	17.37	3.95
		For 1-1/4" Mesh Fabric, Add	2.31	
		For 13 Gauge Fabric, Deduct	-3.71	
		For 11 Gauge Fabric, Deduct	-2.06	
		For 6 Gauge Fabric, Add	6.60	
		For 1" Mesh Fabric, Add	6.19	
		For 1-1/4" Mesh Fabric, Add	4.13	
		For 1-3/4" Mesh Fabric, Add	2.48	
		For 2-1/8" Mesh Fabric, Deduct	-1.24	
		For 2-3/8" Mesh Fabric, Deduct	-1.65	
		For Aluminum Coated, Add	3.30	
32 31 13 13-0187	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	19.39	4.94
		For 1-1/4" Mesh Fabric, Add	2.66	
		For 13 Gauge Fabric, Deduct	-4.28	
		For 11 Gauge Fabric, Deduct	-2.38	
		For 6 Gauge Fabric, Add	7.60	
		For 1" Mesh Fabric, Add	7.13	
		For 1-1/4" Mesh Fabric, Add	4.75	
		For 1-3/4" Mesh Fabric, Add	2.85	
		For 2-1/8" Mesh Fabric, Deduct	-1.43	
		For 2-3/8" Mesh Fabric, Deduct	-1.90	
		For Aluminum Coated, Add	3.80	
32 31 13 13-0188	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.74	5.44
		For 1-1/4" Mesh Fabric, Add	3.31	
		For 13 Gauge Fabric, Deduct	-5.32	
		For 11 Gauge Fabric, Deduct	-2.96	
		For 6 Gauge Fabric, Add	9.46	
		For 1" Mesh Fabric, Add	8.87	
		For 1-1/4" Mesh Fabric, Add	5.92	
		For 1-3/4" Mesh Fabric, Add	3.55	
		For 2-1/8" Mesh Fabric, Deduct	-1.77	
		For 2-3/8" Mesh Fabric, Deduct	-2.37	
		For Aluminum Coated, Add	4.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0189	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	24.80 3.62 -5.82 -3.24 10.35 9.71 6.47 3.88 -1.94 -2.59 5.18	5.94
32 31	13 13-0190	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	28.08 3.99 -6.41 -3.56 11.39 10.68 7.12 4.27 -2.14 -2.85 5.70	6.92
32 31	13 13-0191	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	31.42 4.37 -7.02 -3.90 12.48 11.70 7.80 4.68 -2.34 -3.12 6.24	7.91
32 31	13 13-0192	SF	>16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	1.97 0.27 -0.44 -0.25 0.78 0.74 0.49 0.29 -0.15 -0.20 0.39	0.46
32 31 13 13-0193 Fabric, Aluminized Steel Chain Link <small>(32 31 13 13-0168)</small>					
32 31	13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	8.98 2.05 2.69	1.98
32 31	13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	9.90 2.38 3.13	2.22
32 31	13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	10.83 2.73 3.58	2.47
32 31	13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.17 3.41 4.47	2.97
32 31	13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.56 4.07 5.34	3.47
32 31	13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	15.07 4.76 6.25	3.95
32 31	13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.69 5.44 7.14	4.94
32 31	13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	19.41 6.80 8.93	5.44
32 31	13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	22.06 8.16 10.71	5.94
32 31 13 13-0203 Fabric, All Aluminum Chain Link <small>(32 31 13 13-0168)</small>					
32 31	13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.12 5.36 7.04	1.98
32 31	13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	14.74 6.26 8.21	2.22
32 31	13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.35 7.14 9.38	2.47
32 31	13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	19.08 8.94 11.73	2.97

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0208	LF 6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	21.87 10.72 14.07	3.47
32 31 13 13-0209	LF 7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	24.75 12.50 16.41	3.95
32 31 13 13-0210	LF 8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.76 14.30 18.76	4.94
32 31 13 13-0211	LF 10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	33.24 17.86 23.45	5.44
32 31 13 13-0212	LF 12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	38.66 21.44 28.14	5.94
32 31 13 13-0213	Fence Inserts (32 31 13 13-0168) Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0214	Vinyl Plastic Fence Inserts (32 31 13 13-0213) Note: Assorted colors.		
32 31 13 13-0215	LF 3' High Fence, Vinyl Plastic Fence Insert.....	6.58	
32 31 13 13-0216	LF 3-1/2' High Fence, Vinyl Plastic Fence Insert.....	7.54	
32 31 13 13-0217	LF 4' High Fence, Vinyl Plastic Fence Insert.....	8.33	
32 31 13 13-0218	LF 5' High Fence, Vinyl Plastic Fence Insert.....	10.44	
32 31 13 13-0219	LF 6' High Fence, Vinyl Plastic Fence Insert.....	12.48	
32 31 13 13-0220	LF 7' High Fence, Vinyl Plastic Fence Insert.....	14.59	
32 31 13 13-0221	LF 8' High Fence, Vinyl Plastic Fence Insert.....	16.64	
32 31 13 13-0222	LF 10' High Fence, Vinyl Plastic Fence Insert.....	19.83	
32 31 13 13-0223	Aluminum Fence Inserts (32 31 13 13-0213) Note: Assorted colors.		
32 31 13 13-0224	LF 3' High Fence, Aluminum Fence Insert.....	21.17	
32 31 13 13-0225	LF 3-1/2' High Fence, Aluminum Fence Insert.....	23.27	
32 31 13 13-0226	LF 4' High Fence, Aluminum Fence Insert.....	26.64	
32 31 13 13-0227	LF 5' High Fence, Aluminum Fence Insert.....	33.36	
32 31 13 13-0228	LF 6' High Fence, Aluminum Fence Insert.....	40.00	
32 31 13 13-0229	LF 7' High Fence, Aluminum Fence Insert.....	43.71	
32 31 13 13-0230	LF 8' High Fence, Aluminum Fence Insert.....	53.33	
32 31 13 13-0231	LF 10' High Fence, Aluminum Fence Insert.....	66.03	
32 31 13 13-0232	Redwood Fence Inserts (32 31 13 13-0213)		
32 31 13 13-0233	LF 4' High Fence, Redwood Fence Insert.....	11.69	
32 31 13 13-0234	LF 5' High Fence, Redwood Fence Insert.....	14.78	
32 31 13 13-0235	LF 6' High Fence, Redwood Fence Insert.....	17.75	
32 31 13 13-0236	LF 7' High Fence, Redwood Fence Insert.....	20.66	
32 31 13 13-0237	LF 8' High Fence, Redwood Fence Insert.....	23.65	
32 31 13 13-0238	Diagonal Flexible Polyethylene Inserts (32 31 13 13-0213)		
32 31 13 13-0239	SF Diagonal Polyethylene Fence Weave.....	2.63	
32 31 13 13-0240	Hedge Link Fence Inserts (32 31 13 13-0213)		
32 31 13 13-0241	LF 3' High Fence, Hedge Link Fence Insert.....	13.46	
32 31 13 13-0242	LF 3-1/2' High Fence, Hedge Link Fence Insert.....	15.32	
32 31 13 13-0243	LF 4' High Fence, Hedge Link Fence Insert.....	18.11	
32 31 13 13-0244	LF 5' High Fence, Hedge Link Fence Insert.....	22.39	
32 31 13 13-0245	LF 6' High Fence, Hedge Link Fence Insert.....	25.74	
32 31 13 13-0246	LF 7' High Fence, Hedge Link Fence Insert.....	32.22	
32 31 13 13-0247	LF 8' High Fence, Hedge Link Fence Insert.....	36.62	
32 31 13 13-0248	LF 10' High Fence, Hedge Link Fence Insert.....	43.59	
32 31 13 13-0249	Fence Windscreen Fabric (32 31 13 13-0168) Note: Includes plastic wire clips.		
32 31 13 13-0250	SF Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY..... <i>For Sewn Boxed Vent (Each), Add</i> <i>For Welded Boxed Vent (Each), Add</i> <i>For 4' x 4' One Color Logo (Each), Add</i>	1.20 16.21 8.11 337.78	0.46
32 31 13 13-0251	Non-Climbable Fabric, Galvanized Chain Link (32 31 13 13-0168)		
32 31 13 13-0252	LF 3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	20.76 -2.87 -1.15 1.72 4.02 -0.72 -1.58 -2.29	1.98

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0253	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh.....	23.65	2.22
			For 11 Gauge, Deduct	-3.35	
			For 10 Gauge, Deduct	-1.34	
			For 7 Gauge, Add	2.01	
			For 6 Gauge, Add	4.68	
			For 1/2" Mesh Fabric, Deduct	-0.84	
			For 5/8" Mesh Fabric, Deduct	-1.84	
			For 3/4" Mesh Fabric, Deduct	-2.68	
32 31 13	13-0254	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	26.56	2.47
			For 11 Gauge, Deduct	-3.83	
			For 10 Gauge, Deduct	-1.53	
			For 7 Gauge, Add	2.30	
			For 6 Gauge, Add	5.36	
			For 1/2" Mesh Fabric, Deduct	-0.96	
			For 5/8" Mesh Fabric, Deduct	-2.11	
			For 3/4" Mesh Fabric, Deduct	-3.06	
32 31 13	13-0255	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	31.82	2.97
			For 11 Gauge, Deduct	-4.78	
			For 10 Gauge, Deduct	-1.91	
			For 7 Gauge, Add	2.87	
			For 6 Gauge, Add	6.69	
			For 1/2" Mesh Fabric, Deduct	-1.20	
			For 5/8" Mesh Fabric, Deduct	-2.63	
			For 3/4" Mesh Fabric, Deduct	-3.83	
32 31 13	13-0256	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	37.15	3.47
			For 11 Gauge, Deduct	-5.74	
			For 10 Gauge, Deduct	-2.29	
			For 7 Gauge, Add	3.44	
			For 6 Gauge, Add	8.03	
			For 1/2" Mesh Fabric, Deduct	-1.43	
			For 5/8" Mesh Fabric, Deduct	-3.15	
			For 3/4" Mesh Fabric, Deduct	-4.59	
32 31 13	13-0257	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	42.59	3.95
			For 11 Gauge, Deduct	-6.69	
			For 10 Gauge, Deduct	-2.68	
			For 7 Gauge, Add	4.02	
			For 6 Gauge, Add	9.37	
			For 1/2" Mesh Fabric, Deduct	-1.67	
			For 5/8" Mesh Fabric, Deduct	-3.68	
			For 3/4" Mesh Fabric, Deduct	-5.36	
32 31 13	13-0258	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	48.14	4.94
			For 11 Gauge, Deduct	-7.65	
			For 10 Gauge, Deduct	-3.06	
			For 7 Gauge, Add	4.59	
			For 6 Gauge, Add	10.71	
			For 1/2" Mesh Fabric, Deduct	-1.91	
			For 5/8" Mesh Fabric, Deduct	-4.21	
			For 3/4" Mesh Fabric, Deduct	-6.12	
32 31 13	13-0259	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	52.97	5.19
			For 11 Gauge, Deduct	-8.52	
			For 10 Gauge, Deduct	-3.41	
			For 7 Gauge, Add	5.11	
			For 6 Gauge, Add	11.92	
			For 1/2" Mesh Fabric, Deduct	-2.13	
			For 5/8" Mesh Fabric, Deduct	-4.68	
			For 3/4" Mesh Fabric, Deduct	-6.81	
32 31 13	13-0260	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	57.81	5.44
			For 11 Gauge, Deduct	-9.38	
			For 10 Gauge, Deduct	-3.75	
			For 7 Gauge, Add	5.63	
			For 6 Gauge, Add	13.13	
			For 1/2" Mesh Fabric, Deduct	-2.35	
			For 5/8" Mesh Fabric, Deduct	-5.16	
			For 3/4" Mesh Fabric, Deduct	-7.50	
32 31 13	13-0261	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh.....	62.70	5.94
			For 11 Gauge, Deduct	-10.17	
			For 10 Gauge, Deduct	-4.07	
			For 7 Gauge, Add	6.10	
			For 6 Gauge, Add	14.24	
			For 1/2" Mesh Fabric, Deduct	-2.54	
			For 5/8" Mesh Fabric, Deduct	-5.59	
			For 3/4" Mesh Fabric, Deduct	-8.13	

32 31 13 13-0262
Gates (32 31 13 13)

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0263
Galvanized Steel Without Barbed Wire (32 31 13 13-0262)

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0264
4' Fence Height (32 31 13 13-0263)

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0265	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	211.17	19.35
			For Gate With Single Barb Wire Arm, Add	16.58	
			For Gate With Double Barb Wire Arm, Add	24.11	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-28.25	
			For Aluminized Steel Gate And Post, Add	72.33	
			For Powder Coated Gate And Post, Add	39.18	
			For 1" Mesh Fabric, Add	65.55	
			For 1-1/4" Mesh Fabric, Add	42.19	
			For 1-3/4" Mesh Fabric, Add	26.22	
			For 2-1/8" Mesh Fabric, Deduct	-13.11	
32 31	13 13-0266	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	261.40	20.16
			For Gate With Single Barb Wire Arm, Add	22.10	
			For Gate With Double Barb Wire Arm, Add	32.15	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-37.67	
			For Aluminized Steel Gate And Post, Add	96.44	
			For Powder Coated Gate And Post, Add	52.24	
			For 1" Mesh Fabric, Add	87.40	
			For 1-1/4" Mesh Fabric, Add	56.26	
			For 1-3/4" Mesh Fabric, Add	34.96	
			For 2-1/8" Mesh Fabric, Deduct	-17.48	
32 31	13 13-0267	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	307.09	21.45
			For Gate With Single Barb Wire Arm, Add	26.68	
			For Gate With Double Barb Wire Arm, Add	38.81	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-45.48	
			For Aluminized Steel Gate And Post, Add	116.44	
			For Powder Coated Gate And Post, Add	63.07	
			For 1" Mesh Fabric, Add	105.52	
			For 1-1/4" Mesh Fabric, Add	67.92	
			For 1-3/4" Mesh Fabric, Add	42.21	
			For 2-1/8" Mesh Fabric, Deduct	-21.10	
32 31	13 13-0268	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	361.65	25.80
			For Gate With Single Barb Wire Arm, Add	31.27	
			For Gate With Double Barb Wire Arm, Add	45.48	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.29	
			For Aluminized Steel Gate And Post, Add	136.43	
			For Powder Coated Gate And Post, Add	73.90	
			For 1" Mesh Fabric, Add	123.64	
			For 1-1/4" Mesh Fabric, Add	79.58	
			For 1-3/4" Mesh Fabric, Add	49.46	
			For 2-1/8" Mesh Fabric, Deduct	-24.73	
32 31	13 13-0269	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	416.20	30.08
			For Gate With Single Barb Wire Arm, Add	35.85	
			For Gate With Double Barb Wire Arm, Add	52.14	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-61.10	
			For Aluminized Steel Gate And Post, Add	156.43	
			For Powder Coated Gate And Post, Add	84.73	
			For 1" Mesh Fabric, Add	141.76	
			For 1-1/4" Mesh Fabric, Add	91.25	
			For 1-3/4" Mesh Fabric, Add	56.70	
			For 2-1/8" Mesh Fabric, Deduct	-28.35	
32 31	13 13-0270	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	472.47	34.34
			For Gate With Single Barb Wire Arm, Add	40.62	
			For Gate With Double Barb Wire Arm, Add	59.08	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-69.24	
			For Aluminized Steel Gate And Post, Add	177.24	
			For Powder Coated Gate And Post, Add	96.01	
			For 1" Mesh Fabric, Add	160.63	
			For 1-1/4" Mesh Fabric, Add	103.39	
			For 1-3/4" Mesh Fabric, Add	64.25	
			For 2-1/8" Mesh Fabric, Deduct	-32.13	
32 31	13 13-0271	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	527.03	38.70
			For Gate With Single Barb Wire Arm, Add	45.20	
			For Gate With Double Barb Wire Arm, Add	65.75	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.05	
			For Aluminized Steel Gate And Post, Add	197.24	
			For Powder Coated Gate And Post, Add	106.84	
			For 1" Mesh Fabric, Add	178.75	
			For 1-1/4" Mesh Fabric, Add	115.06	
			For 1-3/4" Mesh Fabric, Add	71.50	
			For 2-1/8" Mesh Fabric, Deduct	-35.75	
32 31	13 13-0272	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	582.31	42.97
			For Gate With Single Barb Wire Arm, Add	49.86	
			For Gate With Double Barb Wire Arm, Add	72.53	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-85.00	
			For Aluminized Steel Gate And Post, Add	217.59	
			For Powder Coated Gate And Post, Add	117.86	
			For 1" Mesh Fabric, Add	197.19	
			For 1-1/4" Mesh Fabric, Add	126.93	
			For 1-3/4" Mesh Fabric, Add	78.88	
			For 2-1/8" Mesh Fabric, Deduct	-39.44	
32 31	13 13-0273	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire.....	731.78	42.97
			For Gate With Single Barb Wire Arm, Add	66.30	
			For Gate With Double Barb Wire Arm, Add	96.44	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-113.02	
			For Aluminized Steel Gate And Post, Add	289.33	
			For Powder Coated Gate And Post, Add	156.72	
			For 1" Mesh Fabric, Add	262.20	
			For 1-1/4" Mesh Fabric, Add	168.78	
			For 1-3/4" Mesh Fabric, Add	104.88	
			For 2-1/8" Mesh Fabric, Deduct	-52.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0274	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	861.56	46.04
			For Gate With Single Barb Wire Arm, Add	79.57	
			For Gate With Double Barb Wire Arm, Add	115.73	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-135.62	
			For Aluminized Steel Gate And Post, Add	347.20	
			For Powder Coated Gate And Post, Add	188.07	
			For 1" Mesh Fabric, Add	314.65	
			For 1-1/4" Mesh Fabric, Add	202.53	
			For 1-3/4" Mesh Fabric, Add	125.86	
			For 2-1/8" Mesh Fabric, Deduct	-62.93	
32 31 13	13-0275	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	992.74	49.59
			For Gate With Single Barb Wire Arm, Add	92.83	
			For Gate With Double Barb Wire Arm, Add	135.02	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-158.23	
			For Aluminized Steel Gate And Post, Add	405.06	
			For Powder Coated Gate And Post, Add	219.41	
			For 1" Mesh Fabric, Add	367.09	
			For 1-1/4" Mesh Fabric, Add	236.29	
			For 1-3/4" Mesh Fabric, Add	146.84	
			For 2-1/8" Mesh Fabric, Deduct	-73.42	
32 31 13	13-0276	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,125.71	53.70
			For Gate With Single Barb Wire Arm, Add	106.09	
			For Gate With Double Barb Wire Arm, Add	154.31	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-180.83	
			For Aluminized Steel Gate And Post, Add	462.93	
			For Powder Coated Gate And Post, Add	250.75	
			For 1" Mesh Fabric, Add	419.53	
			For 1-1/4" Mesh Fabric, Add	270.04	
			For 1-3/4" Mesh Fabric, Add	167.81	
			For 2-1/8" Mesh Fabric, Deduct	-83.91	
32 31 13	13-0277	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,283.52	66.07
			For Gate With Single Barb Wire Arm, Add	119.35	
			For Gate With Double Barb Wire Arm, Add	173.60	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-203.44	
			For Aluminized Steel Gate And Post, Add	520.80	
			For Powder Coated Gate And Post, Add	282.10	
			For 1" Mesh Fabric, Add	471.97	
			For 1-1/4" Mesh Fabric, Add	303.80	
			For 1-3/4" Mesh Fabric, Add	188.79	
			For 2-1/8" Mesh Fabric, Deduct	-94.39	
32 31 13	13-0278	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,418.27	70.82
			For Gate With Single Barb Wire Arm, Add	132.61	
			For Gate With Double Barb Wire Arm, Add	192.89	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-226.04	
			For Aluminized Steel Gate And Post, Add	578.66	
			For Powder Coated Gate And Post, Add	313.44	
			For 1" Mesh Fabric, Add	524.41	
			For 1-1/4" Mesh Fabric, Add	337.55	
			For 1-3/4" Mesh Fabric, Add	209.77	
			For 2-1/8" Mesh Fabric, Deduct	-104.88	
32 31 13	13-0279	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,552.24	76.32
			For Gate With Single Barb Wire Arm, Add	145.55	
			For Gate With Double Barb Wire Arm, Add	211.71	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-248.09	
			For Aluminized Steel Gate And Post, Add	635.12	
			For Powder Coated Gate And Post, Add	344.02	
			For 1" Mesh Fabric, Add	575.57	
			For 1-1/4" Mesh Fabric, Add	370.48	
			For 1-3/4" Mesh Fabric, Add	230.23	
			For 2-1/8" Mesh Fabric, Deduct	-115.11	
32 31 13	13-0280	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,688.94	82.64
			For Gate With Single Barb Wire Arm, Add	158.49	
			For Gate With Double Barb Wire Arm, Add	230.52	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-270.15	
			For Aluminized Steel Gate And Post, Add	691.57	
			For Powder Coated Gate And Post, Add	374.60	
			For 1" Mesh Fabric, Add	626.74	
			For 1-1/4" Mesh Fabric, Add	403.42	
			For 1-3/4" Mesh Fabric, Add	250.70	
			For 2-1/8" Mesh Fabric, Deduct	-125.35	
32 31 13	13-0281	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,829.12	90.18
			For Gate With Single Barb Wire Arm, Add	171.42	
			For Gate With Double Barb Wire Arm, Add	249.34	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-292.20	
			For Aluminized Steel Gate And Post, Add	748.03	
			For Powder Coated Gate And Post, Add	405.18	
			For 1" Mesh Fabric, Add	677.90	
			For 1-1/4" Mesh Fabric, Add	436.35	
			For 1-3/4" Mesh Fabric, Add	271.16	
			For 2-1/8" Mesh Fabric, Deduct	-135.58	
32 31 13	13-0282	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,929.70	99.21
			For Gate With Single Barb Wire Arm, Add	179.51	
			For Gate With Double Barb Wire Arm, Add	261.10	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-305.98	
			For Aluminized Steel Gate And Post, Add	783.31	
			For Powder Coated Gate And Post, Add	424.29	
			For 1" Mesh Fabric, Add	709.88	
			For 1-1/4" Mesh Fabric, Add	456.93	
			For 1-3/4" Mesh Fabric, Add	283.95	
			For 2-1/8" Mesh Fabric, Deduct	-141.98	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0283	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,139.21	110.18
		<i>For Gate With Single Barb Wire Arm, Add</i>	198.92	
		<i>For Gate With Double Barb Wire Arm, Add</i>	289.33	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-339.06	
		<i>For Aluminized Steel Gate And Post, Add</i>	867.99	
		<i>For Powder Coated Gate And Post, Add</i>	470.16	
		<i>For 1" Mesh Fabric, Add</i>	786.62	
		<i>For 1-1/4" Mesh Fabric, Add</i>	506.33	
		<i>For 1-3/4" Mesh Fabric, Add</i>	314.65	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-157.32	
32 31 13 13-0284		5' Fence Height (32 31 13 13-0263)		
32 31 13 13-0285	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	250.73	21.45
		<i>For Gate With Single Barb Wire Arm, Add</i>	20.48	
		<i>For Gate With Double Barb Wire Arm, Add</i>	29.80	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-34.92	
		<i>For Aluminized Steel Gate And Post, Add</i>	89.39	
		<i>For Powder Coated Gate And Post, Add</i>	48.42	
		<i>For 1" Mesh Fabric, Add</i>	81.01	
		<i>For 1-1/4" Mesh Fabric, Add</i>	52.14	
		<i>For 1-3/4" Mesh Fabric, Add</i>	32.40	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-16.20	
32 31 13 13-0286	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	311.99	21.45
		<i>For Gate With Single Barb Wire Arm, Add</i>	27.22	
		<i>For Gate With Double Barb Wire Arm, Add</i>	39.60	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-46.40	
		<i>For Aluminized Steel Gate And Post, Add</i>	118.79	
		<i>For Powder Coated Gate And Post, Add</i>	64.34	
		<i>For 1" Mesh Fabric, Add</i>	107.65	
		<i>For 1-1/4" Mesh Fabric, Add</i>	69.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>	43.06	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-21.53	
32 31 13 13-0287	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	362.59	22.82
		<i>For Gate With Single Barb Wire Arm, Add</i>	32.34	
		<i>For Gate With Double Barb Wire Arm, Add</i>	47.05	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-55.13	
		<i>For Aluminized Steel Gate And Post, Add</i>	141.14	
		<i>For Powder Coated Gate And Post, Add</i>	76.45	
		<i>For 1" Mesh Fabric, Add</i>	127.91	
		<i>For 1-1/4" Mesh Fabric, Add</i>	82.33	
		<i>For 1-3/4" Mesh Fabric, Add</i>	51.16	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-25.58	
32 31 13 13-0288	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	425.30	27.42
		<i>For Gate With Single Barb Wire Arm, Add</i>	37.73	
		<i>For Gate With Double Barb Wire Arm, Add</i>	54.89	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-64.32	
		<i>For Aluminized Steel Gate And Post, Add</i>	164.66	
		<i>For Powder Coated Gate And Post, Add</i>	89.19	
		<i>For 1" Mesh Fabric, Add</i>	149.22	
		<i>For 1-1/4" Mesh Fabric, Add</i>	96.05	
		<i>For 1-3/4" Mesh Fabric, Add</i>	59.69	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-29.84	
32 31 13 13-0289	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	483.10	31.93
		<i>For Gate With Single Barb Wire Arm, Add</i>	42.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>	61.94	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-72.59	
		<i>For Aluminized Steel Gate And Post, Add</i>	185.83	
		<i>For Powder Coated Gate And Post, Add</i>	100.66	
		<i>For 1" Mesh Fabric, Add</i>	168.41	
		<i>For 1-1/4" Mesh Fabric, Add</i>	108.40	
		<i>For 1-3/4" Mesh Fabric, Add</i>	67.36	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.68	
32 31 13 13-0290	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	546.62	36.76
		<i>For Gate With Single Barb Wire Arm, Add</i>	47.98	
		<i>For Gate With Double Barb Wire Arm, Add</i>	69.78	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-81.78	
		<i>For Aluminized Steel Gate And Post, Add</i>	209.35	
		<i>For Powder Coated Gate And Post, Add</i>	113.40	
		<i>For 1" Mesh Fabric, Add</i>	189.73	
		<i>For 1-1/4" Mesh Fabric, Add</i>	122.12	
		<i>For 1-3/4" Mesh Fabric, Add</i>	75.89	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-37.95	
32 31 13 13-0291	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	606.88	41.37
		<i>For Gate With Single Barb Wire Arm, Add</i>	53.10	
		<i>For Gate With Double Barb Wire Arm, Add</i>	77.23	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-90.51	
		<i>For Aluminized Steel Gate And Post, Add</i>	231.70	
		<i>For Powder Coated Gate And Post, Add</i>	125.50	
		<i>For 1" Mesh Fabric, Add</i>	209.98	
		<i>For 1-1/4" Mesh Fabric, Add</i>	135.16	
		<i>For 1-3/4" Mesh Fabric, Add</i>	83.99	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-42.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0292	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	667.14	45.88
			For Gate With Single Barb Wire Arm, Add	58.22	
			For Gate With Double Barb Wire Arm, Add	84.68	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-99.24	
			For Aluminized Steel Gate And Post, Add	254.04	
			For Powder Coated Gate And Post, Add	137.61	
			For 1" Mesh Fabric, Add	230.23	
			For 1-1/4" Mesh Fabric, Add	148.19	
			For 1-3/4" Mesh Fabric, Add	92.09	
			For 2-1/8" Mesh Fabric, Deduct	-46.05	
32 31 13	13-0293	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	885.08	46.04
			For Gate With Single Barb Wire Arm, Add	82.15	
			For Gate With Double Barb Wire Arm, Add	119.50	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-140.03	
			For Aluminized Steel Gate And Post, Add	358.49	
			For Powder Coated Gate And Post, Add	194.18	
			For 1" Mesh Fabric, Add	324.88	
			For 1-1/4" Mesh Fabric, Add	209.12	
			For 1-3/4" Mesh Fabric, Add	129.95	
			For 2-1/8" Mesh Fabric, Deduct	-64.98	
32 31 13	13-0294	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,045.67	49.59
			For Gate With Single Barb Wire Arm, Add	98.65	
			For Gate With Double Barb Wire Arm, Add	143.49	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-168.15	
			For Aluminized Steel Gate And Post, Add	430.47	
			For Powder Coated Gate And Post, Add	233.17	
			For 1" Mesh Fabric, Add	390.11	
			For 1-1/4" Mesh Fabric, Add	251.11	
			For 1-3/4" Mesh Fabric, Add	156.04	
			For 2-1/8" Mesh Fabric, Deduct	-78.02	
32 31 13	13-0295	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,208.04	53.70
			For Gate With Single Barb Wire Arm, Add	115.14	
			For Gate With Double Barb Wire Arm, Add	167.48	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-196.27	
			For Aluminized Steel Gate And Post, Add	502.45	
			For Powder Coated Gate And Post, Add	272.16	
			For 1" Mesh Fabric, Add	455.34	
			For 1-1/4" Mesh Fabric, Add	293.10	
			For 1-3/4" Mesh Fabric, Add	182.14	
			For 2-1/8" Mesh Fabric, Deduct	-91.07	
32 31 13	13-0296	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,395.26	66.07
			For Gate With Single Barb Wire Arm, Add	131.64	
			For Gate With Double Barb Wire Arm, Add	191.48	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-224.39	
			For Aluminized Steel Gate And Post, Add	574.43	
			For Powder Coated Gate And Post, Add	311.15	
			For 1" Mesh Fabric, Add	520.58	
			For 1-1/4" Mesh Fabric, Add	335.08	
			For 1-3/4" Mesh Fabric, Add	208.23	
			For 2-1/8" Mesh Fabric, Deduct	-104.12	
32 31 13	13-0297	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,556.46	70.82
			For Gate With Single Barb Wire Arm, Add	147.81	
			For Gate With Double Barb Wire Arm, Add	215.00	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-251.95	
			For Aluminized Steel Gate And Post, Add	645.00	
			For Powder Coated Gate And Post, Add	349.37	
			For 1" Mesh Fabric, Add	584.53	
			For 1-1/4" Mesh Fabric, Add	376.25	
			For 1-3/4" Mesh Fabric, Add	233.81	
			For 2-1/8" Mesh Fabric, Deduct	-116.91	
32 31 13	13-0298	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,725.72	76.32
			For Gate With Single Barb Wire Arm, Add	164.63	
			For Gate With Double Barb Wire Arm, Add	239.46	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-280.62	
			For Aluminized Steel Gate And Post, Add	718.39	
			For Powder Coated Gate And Post, Add	389.13	
			For 1" Mesh Fabric, Add	651.04	
			For 1-1/4" Mesh Fabric, Add	419.06	
			For 1-3/4" Mesh Fabric, Add	260.42	
			For 2-1/8" Mesh Fabric, Deduct	-130.21	
32 31 13	13-0299	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,894.76	82.64
			For Gate With Single Barb Wire Arm, Add	181.13	
			For Gate With Double Barb Wire Arm, Add	263.46	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-308.74	
			For Aluminized Steel Gate And Post, Add	790.37	
			For Powder Coated Gate And Post, Add	428.12	
			For 1" Mesh Fabric, Add	716.27	
			For 1-1/4" Mesh Fabric, Add	461.05	
			For 1-3/4" Mesh Fabric, Add	286.51	
			For 2-1/8" Mesh Fabric, Deduct	-143.25	
32 31 13	13-0300	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,064.35	90.18
			For Gate With Single Barb Wire Arm, Add	197.30	
			For Gate With Double Barb Wire Arm, Add	286.98	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-336.30	
			For Aluminized Steel Gate And Post, Add	860.94	
			For Powder Coated Gate And Post, Add	466.34	
			For 1" Mesh Fabric, Add	780.22	
			For 1-1/4" Mesh Fabric, Add	502.21	
			For 1-3/4" Mesh Fabric, Add	312.09	
			For 2-1/8" Mesh Fabric, Deduct	-156.04	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0301	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,244.32	99.21
			For Gate With Single Barb Wire Arm, Add	214.12	
			For Gate With Double Barb Wire Arm, Add	311.44	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-364.97	
			For Aluminized Steel Gate And Post, Add	934.33	
			For Powder Coated Gate And Post, Add	506.10	
			For 1" Mesh Fabric, Add	846.74	
			For 1-1/4" Mesh Fabric, Add	545.03	
			For 1-3/4" Mesh Fabric, Add	338.69	
			For 2-1/8" Mesh Fabric, Deduct	-169.35	
32 31 13	13-0302	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,425.51	110.18
			For Gate With Single Barb Wire Arm, Add	230.41	
			For Gate With Double Barb Wire Arm, Add	335.14	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-392.74	
			For Aluminized Steel Gate And Post, Add	1,005.42	
			For Powder Coated Gate And Post, Add	544.60	
			For 1" Mesh Fabric, Add	911.16	
			For 1-1/4" Mesh Fabric, Add	586.49	
			For 1-3/4" Mesh Fabric, Add	364.46	
			For 2-1/8" Mesh Fabric, Deduct	-182.23	
32 31 13	13-0303	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,612.80	123.96
			For Gate With Single Barb Wire Arm, Add	246.46	
			For Gate With Double Barb Wire Arm, Add	358.49	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-420.10	
			For Aluminized Steel Gate And Post, Add	1,075.46	
			For Powder Coated Gate And Post, Add	582.54	
			For 1" Mesh Fabric, Add	974.64	
			For 1-1/4" Mesh Fabric, Add	627.35	
			For 1-3/4" Mesh Fabric, Add	389.86	
			For 2-1/8" Mesh Fabric, Deduct	-194.93	
32 31 13	13-0304		6' Fence Height (32 31 13-0263)		
32 31 13	13-0305	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	268.82	22.98
			For Gate With Single Barb Wire Arm, Add	21.97	
			For Gate With Double Barb Wire Arm, Add	31.95	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-37.44	
			For Aluminized Steel Gate And Post, Add	95.86	
			For Powder Coated Gate And Post, Add	51.92	
			For 1" Mesh Fabric, Add	86.87	
			For 1-1/4" Mesh Fabric, Add	55.92	
			For 1-3/4" Mesh Fabric, Add	34.75	
			For 2-1/8" Mesh Fabric, Deduct	-17.37	
32 31 13	13-0306	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	334.98	22.98
			For Gate With Single Barb Wire Arm, Add	29.24	
			For Gate With Double Barb Wire Arm, Add	42.54	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-49.85	
			For Aluminized Steel Gate And Post, Add	127.61	
			For Powder Coated Gate And Post, Add	69.12	
			For 1" Mesh Fabric, Add	115.65	
			For 1-1/4" Mesh Fabric, Add	74.44	
			For 1-3/4" Mesh Fabric, Add	46.26	
			For 2-1/8" Mesh Fabric, Deduct	-23.13	
32 31 13	13-0307	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	389.84	24.43
			For Gate With Single Barb Wire Arm, Add	34.81	
			For Gate With Double Barb Wire Arm, Add	50.63	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-59.34	
			For Aluminized Steel Gate And Post, Add	151.90	
			For Powder Coated Gate And Post, Add	82.28	
			For 1" Mesh Fabric, Add	137.66	
			For 1-1/4" Mesh Fabric, Add	88.61	
			For 1-3/4" Mesh Fabric, Add	55.06	
			For 2-1/8" Mesh Fabric, Deduct	-27.53	
32 31 13	13-0308	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	453.79	29.51
			For Gate With Single Barb Wire Arm, Add	40.16	
			For Gate With Double Barb Wire Arm, Add	58.41	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-68.45	
			For Aluminized Steel Gate And Post, Add	175.24	
			For Powder Coated Gate And Post, Add	94.92	
			For 1" Mesh Fabric, Add	158.81	
			For 1-1/4" Mesh Fabric, Add	102.23	
			For 1-3/4" Mesh Fabric, Add	63.53	
			For 2-1/8" Mesh Fabric, Deduct	-31.76	
32 31 13	13-0309	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	520.56	34.67
			For Gate With Single Barb Wire Arm, Add	45.82	
			For Gate With Double Barb Wire Arm, Add	66.65	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-78.10	
			For Aluminized Steel Gate And Post, Add	199.94	
			For Powder Coated Gate And Post, Add	108.30	
			For 1" Mesh Fabric, Add	181.20	
			For 1-1/4" Mesh Fabric, Add	116.63	
			For 1-3/4" Mesh Fabric, Add	72.48	
			For 2-1/8" Mesh Fabric, Deduct	-36.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0310	EA 8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	584.08	39.51
			For Gate With Single Barb Wire Arm, Add	51.21	
			For Gate With Double Barb Wire Arm, Add	74.49	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-87.29	
			For Aluminized Steel Gate And Post, Add	223.47	
			For Powder Coated Gate And Post, Add	121.05	
			For 1" Mesh Fabric, Add	202.52	
			For 1-1/4" Mesh Fabric, Add	130.36	
			For 1-3/4" Mesh Fabric, Add	81.01	
			For 2-1/8" Mesh Fabric, Deduct	-40.50	
32 31	13	13-0311	EA 9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	648.41	44.59
			For Gate With Single Barb Wire Arm, Add	56.60	
			For Gate With Double Barb Wire Arm, Add	82.33	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-96.48	
			For Aluminized Steel Gate And Post, Add	246.99	
			For Powder Coated Gate And Post, Add	133.79	
			For 1" Mesh Fabric, Add	223.83	
			For 1-1/4" Mesh Fabric, Add	144.08	
			For 1-3/4" Mesh Fabric, Add	89.53	
			For 2-1/8" Mesh Fabric, Deduct	-44.77	
32 31	13	13-0312	EA 10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	690.68	49.67
			For Gate With Single Barb Wire Arm, Add	59.57	
			For Gate With Double Barb Wire Arm, Add	86.64	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-101.54	
			For Aluminized Steel Gate And Post, Add	259.93	
			For Powder Coated Gate And Post, Add	140.80	
			For 1" Mesh Fabric, Add	235.56	
			For 1-1/4" Mesh Fabric, Add	151.63	
			For 1-3/4" Mesh Fabric, Add	94.22	
			For 2-1/8" Mesh Fabric, Deduct	-47.11	
32 31	13	13-0313	EA 10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	945.70	49.59
			For Gate With Single Barb Wire Arm, Add	87.65	
			For Gate With Double Barb Wire Arm, Add	127.49	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-149.41	
			For Aluminized Steel Gate And Post, Add	382.48	
			For Powder Coated Gate And Post, Add	207.18	
			For 1" Mesh Fabric, Add	346.63	
			For 1-1/4" Mesh Fabric, Add	223.12	
			For 1-3/4" Mesh Fabric, Add	138.65	
			For 2-1/8" Mesh Fabric, Deduct	-69.33	
32 31	13	13-0314	EA 12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,116.89	53.70
			For Gate With Single Barb Wire Arm, Add	105.12	
			For Gate With Double Barb Wire Arm, Add	152.90	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-179.18	
			For Aluminized Steel Gate And Post, Add	458.70	
			For Powder Coated Gate And Post, Add	248.46	
			For 1" Mesh Fabric, Add	415.69	
			For 1-1/4" Mesh Fabric, Add	267.57	
			For 1-3/4" Mesh Fabric, Add	166.28	
			For 2-1/8" Mesh Fabric, Deduct	-83.14	
32 31	13	13-0315	EA 14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,330.06	70.82
			For Gate With Single Barb Wire Arm, Add	122.91	
			For Gate With Double Barb Wire Arm, Add	178.77	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-209.50	
			For Aluminized Steel Gate And Post, Add	536.32	
			For Powder Coated Gate And Post, Add	290.51	
			For 1" Mesh Fabric, Add	486.04	
			For 1-1/4" Mesh Fabric, Add	312.86	
			For 1-3/4" Mesh Fabric, Add	194.42	
			For 2-1/8" Mesh Fabric, Deduct	-97.21	
32 31	13	13-0316	EA 16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,505.20	76.32
			For Gate With Single Barb Wire Arm, Add	140.37	
			For Gate With Double Barb Wire Arm, Add	204.18	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-239.27	
			For Aluminized Steel Gate And Post, Add	612.54	
			For Powder Coated Gate And Post, Add	331.79	
			For 1" Mesh Fabric, Add	555.11	
			For 1-1/4" Mesh Fabric, Add	357.31	
			For 1-3/4" Mesh Fabric, Add	222.04	
			For 2-1/8" Mesh Fabric, Deduct	-111.02	
32 31	13	13-0317	EA 18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,686.00	82.64
			For Gate With Single Barb Wire Arm, Add	158.16	
			For Gate With Double Barb Wire Arm, Add	230.05	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-269.60	
			For Aluminized Steel Gate And Post, Add	690.16	
			For Powder Coated Gate And Post, Add	373.84	
			For 1" Mesh Fabric, Add	625.46	
			For 1-1/4" Mesh Fabric, Add	402.60	
			For 1-3/4" Mesh Fabric, Add	250.18	
			For 2-1/8" Mesh Fabric, Deduct	-125.09	
32 31	13	13-0318	EA 20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,870.29	90.18
			For Gate With Single Barb Wire Arm, Add	175.95	
			For Gate With Double Barb Wire Arm, Add	255.93	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-299.92	
			For Aluminized Steel Gate And Post, Add	767.79	
			For Powder Coated Gate And Post, Add	415.89	
			For 1" Mesh Fabric, Add	695.81	
			For 1-1/4" Mesh Fabric, Add	447.88	
			For 1-3/4" Mesh Fabric, Add	278.32	
			For 2-1/8" Mesh Fabric, Deduct	-139.16	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0319	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,056.14	99.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	193.42	
		<i>For Gate With Double Barb Wire Arm, Add</i>	281.33	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-329.69	
		<i>For Aluminized Steel Gate And Post, Add</i>	844.00	
		<i>For Powder Coated Gate And Post, Add</i>	457.17	
		<i>For 1" Mesh Fabric, Add</i>	764.88	
		<i>For 1-1/4" Mesh Fabric, Add</i>	492.34	
		<i>For 1-3/4" Mesh Fabric, Add</i>	305.95	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-152.98	
32 31 13 13-0320	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,249.47	110.18
		<i>For Gate With Single Barb Wire Arm, Add</i>	211.04	
		<i>For Gate With Double Barb Wire Arm, Add</i>	306.97	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-359.73	
		<i>For Aluminized Steel Gate And Post, Add</i>	920.92	
		<i>For Powder Coated Gate And Post, Add</i>	498.83	
		<i>For 1" Mesh Fabric, Add</i>	834.58	
		<i>For 1-1/4" Mesh Fabric, Add</i>	537.20	
		<i>For 1-3/4" Mesh Fabric, Add</i>	333.83	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-166.92	
32 31 13 13-0321	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,449.32	123.96
		<i>For Gate With Single Barb Wire Arm, Add</i>	228.48	
		<i>For Gate With Double Barb Wire Arm, Add</i>	332.33	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-389.45	
		<i>For Aluminized Steel Gate And Post, Add</i>	996.99	
		<i>For Powder Coated Gate And Post, Add</i>	540.04	
		<i>For 1" Mesh Fabric, Add</i>	903.53	
		<i>For 1-1/4" Mesh Fabric, Add</i>	581.58	
		<i>For 1-3/4" Mesh Fabric, Add</i>	361.41	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-180.71	
32 31 13 13-0322	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,663.04	141.65
		<i>For Gate With Single Barb Wire Arm, Add</i>	246.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	358.02	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-419.55	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,074.05	
		<i>For Powder Coated Gate And Post, Add</i>	581.78	
		<i>For 1" Mesh Fabric, Add</i>	973.36	
		<i>For 1-1/4" Mesh Fabric, Add</i>	626.53	
		<i>For 1-3/4" Mesh Fabric, Add</i>	389.34	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-194.67	
32 31 13 13-0323	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,894.78	165.28
		<i>For Gate With Single Barb Wire Arm, Add</i>	263.83	
		<i>For Gate With Double Barb Wire Arm, Add</i>	383.75	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-449.71	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,151.26	
		<i>For Powder Coated Gate And Post, Add</i>	623.60	
		<i>For 1" Mesh Fabric, Add</i>	1,043.33	
		<i>For 1-1/4" Mesh Fabric, Add</i>	671.57	
		<i>For 1-3/4" Mesh Fabric, Add</i>	417.33	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-208.67	
32 31 13 13-0324		7' Fence Height (32 31 13 13-0263)		
32 31 13 13-0325	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	282.71	24.76
		<i>For Gate With Single Barb Wire Arm, Add</i>	22.91	
		<i>For Gate With Double Barb Wire Arm, Add</i>	33.32	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-39.05	
		<i>For Aluminized Steel Gate And Post, Add</i>	99.97	
		<i>For Powder Coated Gate And Post, Add</i>	54.15	
		<i>For 1" Mesh Fabric, Add</i>	90.60	
		<i>For 1-1/4" Mesh Fabric, Add</i>	58.32	
		<i>For 1-3/4" Mesh Fabric, Add</i>	36.24	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.12	
32 31 13 13-0326	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	351.31	24.76
		<i>For Gate With Single Barb Wire Arm, Add</i>	30.46	
		<i>For Gate With Double Barb Wire Arm, Add</i>	44.30	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-51.92	
		<i>For Aluminized Steel Gate And Post, Add</i>	132.90	
		<i>For Powder Coated Gate And Post, Add</i>	71.99	
		<i>For 1" Mesh Fabric, Add</i>	120.44	
		<i>For 1-1/4" Mesh Fabric, Add</i>	77.53	
		<i>For 1-3/4" Mesh Fabric, Add</i>	48.18	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-24.09	
32 31 13 13-0327	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	410.67	26.04
		<i>For Gate With Single Barb Wire Arm, Add</i>	36.57	
		<i>For Gate With Double Barb Wire Arm, Add</i>	53.19	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-62.34	
		<i>For Aluminized Steel Gate And Post, Add</i>	159.58	
		<i>For Powder Coated Gate And Post, Add</i>	86.44	
		<i>For 1" Mesh Fabric, Add</i>	144.62	
		<i>For 1-1/4" Mesh Fabric, Add</i>	93.09	
		<i>For 1-3/4" Mesh Fabric, Add</i>	57.85	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0328	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	503.07	31.68
			For Gate With Single Barb Wire Arm, Add	44.87	
			For Gate With Double Barb Wire Arm, Add	65.27	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-76.49	
			For Aluminized Steel Gate And Post, Add	195.81	
			For Powder Coated Gate And Post, Add	106.06	
			For 1" Mesh Fabric, Add	177.45	
			For 1-1/4" Mesh Fabric, Add	114.22	
			For 1-3/4" Mesh Fabric, Add	70.98	
			For 2-1/8" Mesh Fabric, Deduct	-35.49	
32 31 13	13-0329	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	594.69	37.09
			For Gate With Single Barb Wire Arm, Add	53.18	
			For Gate With Double Barb Wire Arm, Add	77.35	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-90.64	
			For Aluminized Steel Gate And Post, Add	232.04	
			For Powder Coated Gate And Post, Add	125.69	
			For 1" Mesh Fabric, Add	210.29	
			For 1-1/4" Mesh Fabric, Add	135.36	
			For 1-3/4" Mesh Fabric, Add	84.12	
			For 2-1/8" Mesh Fabric, Deduct	-42.06	
32 31 13	13-0330	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	687.10	42.66
			For Gate With Single Barb Wire Arm, Add	61.48	
			For Gate With Double Barb Wire Arm, Add	89.42	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-104.79	
			For Aluminized Steel Gate And Post, Add	268.27	
			For Powder Coated Gate And Post, Add	145.31	
			For 1" Mesh Fabric, Add	243.12	
			For 1-1/4" Mesh Fabric, Add	156.49	
			For 1-3/4" Mesh Fabric, Add	97.25	
			For 2-1/8" Mesh Fabric, Deduct	-48.62	
32 31 13	13-0331	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	778.71	48.05
			For Gate With Single Barb Wire Arm, Add	69.78	
			For Gate With Double Barb Wire Arm, Add	101.50	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-118.95	
			For Aluminized Steel Gate And Post, Add	304.50	
			For Powder Coated Gate And Post, Add	164.94	
			For 1" Mesh Fabric, Add	275.96	
			For 1-1/4" Mesh Fabric, Add	177.63	
			For 1-3/4" Mesh Fabric, Add	110.38	
			For 2-1/8" Mesh Fabric, Deduct	-55.19	
32 31 13	13-0332	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	857.52	53.70
			For Gate With Single Barb Wire Arm, Add	76.59	
			For Gate With Double Barb Wire Arm, Add	111.40	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-130.55	
			For Aluminized Steel Gate And Post, Add	334.20	
			For Powder Coated Gate And Post, Add	181.03	
			For 1" Mesh Fabric, Add	302.87	
			For 1-1/4" Mesh Fabric, Add	194.95	
			For 1-3/4" Mesh Fabric, Add	121.15	
			For 2-1/8" Mesh Fabric, Deduct	-60.57	
32 31 13	13-0333	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,075.19	53.70
			For Gate With Single Barb Wire Arm, Add	100.53	
			For Gate With Double Barb Wire Arm, Add	146.23	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-171.36	
			For Aluminized Steel Gate And Post, Add	438.68	
			For Powder Coated Gate And Post, Add	237.62	
			For 1" Mesh Fabric, Add	397.56	
			For 1-1/4" Mesh Fabric, Add	255.90	
			For 1-3/4" Mesh Fabric, Add	159.02	
			For 2-1/8" Mesh Fabric, Deduct	-79.51	
32 31 13	13-0334	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,228.93	70.82
			For Gate With Single Barb Wire Arm, Add	111.78	
			For Gate With Double Barb Wire Arm, Add	162.59	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-190.54	
			For Aluminized Steel Gate And Post, Add	487.78	
			For Powder Coated Gate And Post, Add	264.21	
			For 1" Mesh Fabric, Add	442.05	
			For 1-1/4" Mesh Fabric, Add	284.54	
			For 1-3/4" Mesh Fabric, Add	176.82	
			For 2-1/8" Mesh Fabric, Deduct	-88.41	
32 31 13	13-0335	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,414.65	76.32
			For Gate With Single Barb Wire Arm, Add	130.41	
			For Gate With Double Barb Wire Arm, Add	189.69	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.29	
			For Aluminized Steel Gate And Post, Add	569.07	
			For Powder Coated Gate And Post, Add	308.25	
			For 1" Mesh Fabric, Add	515.72	
			For 1-1/4" Mesh Fabric, Add	331.96	
			For 1-3/4" Mesh Fabric, Add	206.29	
			For 2-1/8" Mesh Fabric, Deduct	-103.14	
32 31 13	13-0336	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,588.96	82.64
			For Gate With Single Barb Wire Arm, Add	147.49	
			For Gate With Double Barb Wire Arm, Add	214.53	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-251.40	
			For Aluminized Steel Gate And Post, Add	643.58	
			For Powder Coated Gate And Post, Add	348.61	
			For 1" Mesh Fabric, Add	583.25	
			For 1-1/4" Mesh Fabric, Add	375.42	
			For 1-3/4" Mesh Fabric, Add	233.30	
			For 2-1/8" Mesh Fabric, Deduct	-116.65	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0337	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,782.07	90.18
		For Gate With Single Barb Wire Arm, Add	166.25	
		For Gate With Double Barb Wire Arm, Add	241.81	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-283.38	
		For Aluminized Steel Gate And Post, Add	725.44	
		For Powder Coated Gate And Post, Add	392.95	
		For 1" Mesh Fabric, Add	657.43	
		For 1-1/4" Mesh Fabric, Add	423.18	
		For 1-3/4" Mesh Fabric, Add	262.97	
		For 2-1/8" Mesh Fabric, Deduct	-131.49	
32 31 13 13-0338	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,976.75	99.21
		For Gate With Single Barb Wire Arm, Add	184.68	
		For Gate With Double Barb Wire Arm, Add	268.63	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-314.80	
		For Aluminized Steel Gate And Post, Add	805.90	
		For Powder Coated Gate And Post, Add	436.53	
		For 1" Mesh Fabric, Add	730.34	
		For 1-1/4" Mesh Fabric, Add	470.11	
		For 1-3/4" Mesh Fabric, Add	292.14	
		For 2-1/8" Mesh Fabric, Deduct	-146.07	
32 31 13 13-0339	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,177.44	110.18
		For Gate With Single Barb Wire Arm, Add	203.12	
		For Gate With Double Barb Wire Arm, Add	295.45	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-346.23	
		For Aluminized Steel Gate And Post, Add	886.34	
		For Powder Coated Gate And Post, Add	480.10	
		For 1" Mesh Fabric, Add	803.25	
		For 1-1/4" Mesh Fabric, Add	517.03	
		For 1-3/4" Mesh Fabric, Add	321.30	
		For 2-1/8" Mesh Fabric, Deduct	-160.65	
32 31 13 13-0340	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,386.40	123.96
		For Gate With Single Barb Wire Arm, Add	221.56	
		For Gate With Double Barb Wire Arm, Add	322.26	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-377.65	
		For Aluminized Steel Gate And Post, Add	966.79	
		For Powder Coated Gate And Post, Add	523.68	
		For 1" Mesh Fabric, Add	876.16	
		For 1-1/4" Mesh Fabric, Add	563.96	
		For 1-3/4" Mesh Fabric, Add	350.46	
		For 2-1/8" Mesh Fabric, Deduct	-175.23	
32 31 13 13-0341	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,607.18	141.65
		For Gate With Single Barb Wire Arm, Add	239.99	
		For Gate With Double Barb Wire Arm, Add	349.08	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-409.08	
		For Aluminized Steel Gate And Post, Add	1,047.24	
		For Powder Coated Gate And Post, Add	567.26	
		For 1" Mesh Fabric, Add	949.06	
		For 1-1/4" Mesh Fabric, Add	610.89	
		For 1-3/4" Mesh Fabric, Add	379.62	
		For 2-1/8" Mesh Fabric, Deduct	-189.81	
32 31 13 13-0342	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,845.68	165.28
		For Gate With Single Barb Wire Arm, Add	258.43	
		For Gate With Double Barb Wire Arm, Add	375.90	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-440.50	
		For Aluminized Steel Gate And Post, Add	1,127.69	
		For Powder Coated Gate And Post, Add	610.83	
		For 1" Mesh Fabric, Add	1,021.97	
		For 1-1/4" Mesh Fabric, Add	657.82	
		For 1-3/4" Mesh Fabric, Add	408.79	
		For 2-1/8" Mesh Fabric, Deduct	-204.39	
32 31 13 13-0343	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,112.55	198.32
		For Gate With Single Barb Wire Arm, Add	276.86	
		For Gate With Double Barb Wire Arm, Add	402.71	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-471.93	
		For Aluminized Steel Gate And Post, Add	1,208.14	
		For Powder Coated Gate And Post, Add	654.41	
		For 1" Mesh Fabric, Add	1,094.87	
		For 1-1/4" Mesh Fabric, Add	704.75	
		For 1-3/4" Mesh Fabric, Add	437.95	
		For 2-1/8" Mesh Fabric, Deduct	-218.97	
32 31 13 13-0344		8' Fence Height (32 31 13 13-0263)		
32 31 13 13-0345	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	329.37	26.85
		For Gate With Single Barb Wire Arm, Add	27.36	
		For Gate With Double Barb Wire Arm, Add	39.80	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-46.64	
		For Aluminized Steel Gate And Post, Add	119.40	
		For Powder Coated Gate And Post, Add	64.67	
		For 1" Mesh Fabric, Add	108.20	
		For 1-1/4" Mesh Fabric, Add	69.65	
		For 1-3/4" Mesh Fabric, Add	43.28	
		For 2-1/8" Mesh Fabric, Deduct	-21.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0346	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	412.29	26.85
			For Gate With Single Barb Wire Arm, Add	36.48	
			For Gate With Double Barb Wire Arm, Add	53.07	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-62.19	
			For Aluminized Steel Gate And Post, Add	159.20	
			For Powder Coated Gate And Post, Add	86.23	
			For 1" Mesh Fabric, Add	144.27	
			For 1-1/4" Mesh Fabric, Add	92.86	
			For 1-3/4" Mesh Fabric, Add	57.71	
			For 2-1/8" Mesh Fabric, Deduct	-28.85	
32 31 13	13-0347	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	479.97	29.91
			For Gate With Single Barb Wire Arm, Add	42.91	
			For Gate With Double Barb Wire Arm, Add	62.41	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-73.14	
			For Aluminized Steel Gate And Post, Add	187.23	
			For Powder Coated Gate And Post, Add	101.42	
			For 1" Mesh Fabric, Add	169.68	
			For 1-1/4" Mesh Fabric, Add	109.22	
			For 1-3/4" Mesh Fabric, Add	67.87	
			For 2-1/8" Mesh Fabric, Deduct	-33.94	
32 31 13	13-0348	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	550.07	33.86
			For Gate With Single Barb Wire Arm, Add	49.33	
			For Gate With Double Barb Wire Arm, Add	71.76	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-84.09	
			For Aluminized Steel Gate And Post, Add	215.27	
			For Powder Coated Gate And Post, Add	116.60	
			For 1" Mesh Fabric, Add	195.09	
			For 1-1/4" Mesh Fabric, Add	125.57	
			For 1-3/4" Mesh Fabric, Add	78.04	
			For 2-1/8" Mesh Fabric, Deduct	-39.02	
32 31 13	13-0349	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	629.45	40.80
			For Gate With Single Barb Wire Arm, Add	55.76	
			For Gate With Double Barb Wire Arm, Add	81.10	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-95.04	
			For Aluminized Steel Gate And Post, Add	243.31	
			For Powder Coated Gate And Post, Add	131.79	
			For 1" Mesh Fabric, Add	220.50	
			For 1-1/4" Mesh Fabric, Add	141.93	
			For 1-3/4" Mesh Fabric, Add	88.20	
			For 2-1/8" Mesh Fabric, Deduct	-44.10	
32 31 13	13-0350	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	708.03	47.49
			For Gate With Single Barb Wire Arm, Add	62.18	
			For Gate With Double Barb Wire Arm, Add	90.45	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-106.00	
			For Aluminized Steel Gate And Post, Add	271.35	
			For Powder Coated Gate And Post, Add	146.98	
			For 1" Mesh Fabric, Add	245.91	
			For 1-1/4" Mesh Fabric, Add	158.29	
			For 1-3/4" Mesh Fabric, Add	98.36	
			For 2-1/8" Mesh Fabric, Deduct	-49.18	
32 31 13	13-0351	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	787.41	54.51
			For Gate With Single Barb Wire Arm, Add	68.61	
			For Gate With Double Barb Wire Arm, Add	99.80	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.95	
			For Aluminized Steel Gate And Post, Add	299.39	
			For Powder Coated Gate And Post, Add	162.17	
			For 1" Mesh Fabric, Add	271.32	
			For 1-1/4" Mesh Fabric, Add	174.64	
			For 1-3/4" Mesh Fabric, Add	108.53	
			For 2-1/8" Mesh Fabric, Deduct	-54.26	
32 31 13	13-0352	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	866.78	61.52
			For Gate With Single Barb Wire Arm, Add	75.04	
			For Gate With Double Barb Wire Arm, Add	109.14	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-127.90	
			For Aluminized Steel Gate And Post, Add	327.43	
			For Powder Coated Gate And Post, Add	177.36	
			For 1" Mesh Fabric, Add	296.73	
			For 1-1/4" Mesh Fabric, Add	191.00	
			For 1-3/4" Mesh Fabric, Add	118.69	
			For 2-1/8" Mesh Fabric, Deduct	-59.35	
32 31 13	13-0353	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,235.94	70.82
			For Gate With Single Barb Wire Arm, Add	112.55	
			For Gate With Double Barb Wire Arm, Add	163.72	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-191.85	
			For Aluminized Steel Gate And Post, Add	491.15	
			For Powder Coated Gate And Post, Add	266.04	
			For 1" Mesh Fabric, Add	445.10	
			For 1-1/4" Mesh Fabric, Add	286.50	
			For 1-3/4" Mesh Fabric, Add	178.04	
			For 2-1/8" Mesh Fabric, Deduct	-89.02	
32 31 13	13-0354	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,449.33	76.32
			For Gate With Single Barb Wire Arm, Add	134.23	
			For Gate With Double Barb Wire Arm, Add	195.24	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-228.80	
			For Aluminized Steel Gate And Post, Add	585.72	
			For Powder Coated Gate And Post, Add	317.27	
			For 1" Mesh Fabric, Add	530.81	
			For 1-1/4" Mesh Fabric, Add	341.67	
			For 1-3/4" Mesh Fabric, Add	212.32	
			For 2-1/8" Mesh Fabric, Deduct	-106.16	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0355	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,668.35	82.64
			For Gate With Single Barb Wire Arm, Add	156.22	
			For Gate With Double Barb Wire Arm, Add	227.23	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-266.29	
			For Aluminized Steel Gate And Post, Add	681.69	
			For Powder Coated Gate And Post, Add	369.25	
			For 1" Mesh Fabric, Add	617.78	
			For 1-1/4" Mesh Fabric, Add	397.65	
			For 1-3/4" Mesh Fabric, Add	247.11	
			For 2-1/8" Mesh Fabric, Deduct	-123.56	
32 31	13 13-0356	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,896.75	90.18
			For Gate With Single Barb Wire Arm, Add	178.86	
			For Gate With Double Barb Wire Arm, Add	260.16	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-304.88	
			For Aluminized Steel Gate And Post, Add	780.49	
			For Powder Coated Gate And Post, Add	422.77	
			For 1" Mesh Fabric, Add	707.32	
			For 1-1/4" Mesh Fabric, Add	455.29	
			For 1-3/4" Mesh Fabric, Add	282.93	
			For 2-1/8" Mesh Fabric, Deduct	-141.46	
32 31	13 13-0357	EA	18' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,129.64	99.21
			For Gate With Single Barb Wire Arm, Add	201.50	
			For Gate With Double Barb Wire Arm, Add	293.09	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-343.47	
			For Aluminized Steel Gate And Post, Add	879.28	
			For Powder Coated Gate And Post, Add	476.28	
			For 1" Mesh Fabric, Add	796.85	
			For 1-1/4" Mesh Fabric, Add	512.92	
			For 1-3/4" Mesh Fabric, Add	318.74	
			For 2-1/8" Mesh Fabric, Deduct	-159.37	
32 31	13 13-0358	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,365.62	110.18
			For Gate With Single Barb Wire Arm, Add	223.82	
			For Gate With Double Barb Wire Arm, Add	325.56	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-381.51	
			For Aluminized Steel Gate And Post, Add	976.67	
			For Powder Coated Gate And Post, Add	529.03	
			For 1" Mesh Fabric, Add	885.11	
			For 1-1/4" Mesh Fabric, Add	569.72	
			For 1-3/4" Mesh Fabric, Add	354.04	
			For 2-1/8" Mesh Fabric, Deduct	-177.02	
32 31	13 13-0359	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,606.92	123.96
			For Gate With Single Barb Wire Arm, Add	245.81	
			For Gate With Double Barb Wire Arm, Add	357.55	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-419.00	
			For Aluminized Steel Gate And Post, Add	1,072.64	
			For Powder Coated Gate And Post, Add	581.01	
			For 1" Mesh Fabric, Add	972.08	
			For 1-1/4" Mesh Fabric, Add	625.71	
			For 1-3/4" Mesh Fabric, Add	388.83	
			For 2-1/8" Mesh Fabric, Deduct	-194.42	
32 31	13 13-0360	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,865.93	141.65
			For Gate With Single Barb Wire Arm, Add	268.46	
			For Gate With Double Barb Wire Arm, Add	390.48	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-457.59	
			For Aluminized Steel Gate And Post, Add	1,171.44	
			For Powder Coated Gate And Post, Add	634.53	
			For 1" Mesh Fabric, Add	1,061.62	
			For 1-1/4" Mesh Fabric, Add	683.34	
			For 1-3/4" Mesh Fabric, Add	424.65	
			For 2-1/8" Mesh Fabric, Deduct	-212.32	
32 31	13 13-0361	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,142.65	165.28
			For Gate With Single Barb Wire Arm, Add	291.10	
			For Gate With Double Barb Wire Arm, Add	423.41	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-496.19	
			For Aluminized Steel Gate And Post, Add	1,270.23	
			For Powder Coated Gate And Post, Add	688.04	
			For 1" Mesh Fabric, Add	1,151.15	
			For 1-1/4" Mesh Fabric, Add	740.97	
			For 1-3/4" Mesh Fabric, Add	460.46	
			For 2-1/8" Mesh Fabric, Deduct	-230.23	
32 31	13 13-0362	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,444.81	198.32
			For Gate With Single Barb Wire Arm, Add	313.41	
			For Gate With Double Barb Wire Arm, Add	455.87	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-534.23	
			For Aluminized Steel Gate And Post, Add	1,367.62	
			For Powder Coated Gate And Post, Add	740.79	
			For 1" Mesh Fabric, Add	1,239.41	
			For 1-1/4" Mesh Fabric, Add	797.78	
			For 1-3/4" Mesh Fabric, Add	495.76	
			For 2-1/8" Mesh Fabric, Deduct	-247.88	
32 31	13 13-0363	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,796.59	247.92
			For Gate With Single Barb Wire Arm, Add	335.73	
			For Gate With Double Barb Wire Arm, Add	488.33	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-572.27	
			For Aluminized Steel Gate And Post, Add	1,465.00	
			For Powder Coated Gate And Post, Add	793.54	
			For 1" Mesh Fabric, Add	1,327.66	
			For 1-1/4" Mesh Fabric, Add	854.59	
			For 1-3/4" Mesh Fabric, Add	531.06	
			For 2-1/8" Mesh Fabric, Deduct	-265.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0364			10' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0365	EA		3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	411.25	29.84
			For Gate With Single Barb Wire Arm, Add	35.38	
			For Gate With Double Barb Wire Arm, Add	51.47	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-60.31	
			For Aluminized Steel Gate And Post, Add	154.40	
			For Powder Coated Gate And Post, Add	83.63	
			For 1" Mesh Fabric, Add	139.92	
			For 1-1/4" Mesh Fabric, Add	90.06	
			For 1-3/4" Mesh Fabric, Add	55.97	
			For 2-1/8" Mesh Fabric, Deduct	-27.98	
32 31 13 13-0366	EA		4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	518.46	29.84
			For Gate With Single Barb Wire Arm, Add	47.18	
			For Gate With Double Barb Wire Arm, Add	68.62	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-80.41	
			For Aluminized Steel Gate And Post, Add	205.86	
			For Powder Coated Gate And Post, Add	111.51	
			For 1" Mesh Fabric, Add	186.56	
			For 1-1/4" Mesh Fabric, Add	120.08	
			For 1-3/4" Mesh Fabric, Add	74.62	
			For 2-1/8" Mesh Fabric, Deduct	-37.31	
32 31 13 13-0367	EA		5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	597.95	31.12
			For Gate With Single Barb Wire Arm, Add	55.49	
			For Gate With Double Barb Wire Arm, Add	80.71	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-94.58	
			For Aluminized Steel Gate And Post, Add	242.12	
			For Powder Coated Gate And Post, Add	131.15	
			For 1" Mesh Fabric, Add	219.42	
			For 1-1/4" Mesh Fabric, Add	141.24	
			For 1-3/4" Mesh Fabric, Add	87.77	
			For 2-1/8" Mesh Fabric, Deduct	-43.88	
32 31 13 13-0368	EA		6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	696.07	38.70
			For Gate With Single Barb Wire Arm, Add	63.80	
			For Gate With Double Barb Wire Arm, Add	92.79	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-108.74	
			For Aluminized Steel Gate And Post, Add	278.38	
			For Powder Coated Gate And Post, Add	150.79	
			For 1" Mesh Fabric, Add	252.28	
			For 1-1/4" Mesh Fabric, Add	162.39	
			For 1-3/4" Mesh Fabric, Add	100.91	
			For 2-1/8" Mesh Fabric, Deduct	-50.46	
32 31 13 13-0369	EA		7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	793.71	45.88
			For Gate With Single Barb Wire Arm, Add	72.10	
			For Gate With Double Barb Wire Arm, Add	104.88	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-122.90	
			For Aluminized Steel Gate And Post, Add	314.63	
			For Powder Coated Gate And Post, Add	170.42	
			For 1" Mesh Fabric, Add	285.13	
			For 1-1/4" Mesh Fabric, Add	183.53	
			For 1-3/4" Mesh Fabric, Add	114.05	
			For 2-1/8" Mesh Fabric, Deduct	-57.03	
32 31 13 13-0370	EA		8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	891.47	53.46
			For Gate With Single Barb Wire Arm, Add	80.41	
			For Gate With Double Barb Wire Arm, Add	116.96	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-137.07	
			For Aluminized Steel Gate And Post, Add	350.89	
			For Powder Coated Gate And Post, Add	190.07	
			For 1" Mesh Fabric, Add	317.99	
			For 1-1/4" Mesh Fabric, Add	204.69	
			For 1-3/4" Mesh Fabric, Add	127.20	
			For 2-1/8" Mesh Fabric, Deduct	-63.60	
32 31 13 13-0371	EA		9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	988.79	60.72
			For Gate With Single Barb Wire Arm, Add	88.72	
			For Gate With Double Barb Wire Arm, Add	129.05	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-151.23	
			For Aluminized Steel Gate And Post, Add	387.15	
			For Powder Coated Gate And Post, Add	209.71	
			For 1" Mesh Fabric, Add	350.86	
			For 1-1/4" Mesh Fabric, Add	225.84	
			For 1-3/4" Mesh Fabric, Add	140.34	
			For 2-1/8" Mesh Fabric, Deduct	-70.17	
32 31 13 13-0372	EA		10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,086.91	68.22
			For Gate With Single Barb Wire Arm, Add	97.03	
			For Gate With Double Barb Wire Arm, Add	141.14	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-165.40	
			For Aluminized Steel Gate And Post, Add	423.41	
			For Powder Coated Gate And Post, Add	229.35	
			For 1" Mesh Fabric, Add	383.72	
			For 1-1/4" Mesh Fabric, Add	246.99	
			For 1-3/4" Mesh Fabric, Add	153.49	
			For 2-1/8" Mesh Fabric, Deduct	-76.74	
32 31 13 13-0373	EA		10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,559.50	78.73
			For Gate With Single Barb Wire Arm, Add	145.55	
			For Gate With Double Barb Wire Arm, Add	211.70	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-248.09	
			For Aluminized Steel Gate And Post, Add	635.11	
			For Powder Coated Gate And Post, Add	344.02	
			For 1" Mesh Fabric, Add	575.57	
			For 1-1/4" Mesh Fabric, Add	370.48	
			For 1-3/4" Mesh Fabric, Add	230.23	
			For 2-1/8" Mesh Fabric, Deduct	-115.11	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0374	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,695.24	84.69
			For Gate With Single Barb Wire Arm, Add	158.49	
			For Gate With Double Barb Wire Arm, Add	230.53	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-270.15	
			For Aluminized Steel Gate And Post, Add	691.58	
			For Powder Coated Gate And Post, Add	374.61	
			For 1" Mesh Fabric, Add	626.75	
			For 1-1/4" Mesh Fabric, Add	403.42	
			For 1-3/4" Mesh Fabric, Add	250.70	
			For 2-1/8" Mesh Fabric, Deduct	-125.35	
32 31	13 13-0375	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,928.22	91.85
			For Gate With Single Barb Wire Arm, Add	181.77	
			For Gate With Double Barb Wire Arm, Add	264.40	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-309.84	
			For Aluminized Steel Gate And Post, Add	793.19	
			For Powder Coated Gate And Post, Add	429.64	
			For 1" Mesh Fabric, Add	718.83	
			For 1-1/4" Mesh Fabric, Add	462.69	
			For 1-3/4" Mesh Fabric, Add	287.53	
			For 2-1/8" Mesh Fabric, Deduct	-143.77	
32 31	13 13-0376	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,188.40	100.14
			For Gate With Single Barb Wire Arm, Add	207.65	
			For Gate With Double Barb Wire Arm, Add	302.03	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-353.95	
			For Aluminized Steel Gate And Post, Add	906.10	
			For Powder Coated Gate And Post, Add	490.80	
			For 1" Mesh Fabric, Add	821.15	
			For 1-1/4" Mesh Fabric, Add	528.56	
			For 1-3/4" Mesh Fabric, Add	328.46	
			For 2-1/8" Mesh Fabric, Deduct	-164.23	
32 31	13 13-0377	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,453.83	110.18
			For Gate With Single Barb Wire Arm, Add	233.52	
			For Gate With Double Barb Wire Arm, Add	339.67	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-398.05	
			For Aluminized Steel Gate And Post, Add	1,019.01	
			For Powder Coated Gate And Post, Add	551.96	
			For 1" Mesh Fabric, Add	923.48	
			For 1-1/4" Mesh Fabric, Add	594.42	
			For 1-3/4" Mesh Fabric, Add	369.39	
			For 2-1/8" Mesh Fabric, Deduct	-184.70	
32 31	13 13-0378	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,727.12	122.37
			For Gate With Single Barb Wire Arm, Add	259.56	
			For Gate With Double Barb Wire Arm, Add	377.54	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-442.43	
			For Aluminized Steel Gate And Post, Add	1,132.63	
			For Powder Coated Gate And Post, Add	613.51	
			For 1" Mesh Fabric, Add	1,026.44	
			For 1-1/4" Mesh Fabric, Add	660.70	
			For 1-3/4" Mesh Fabric, Add	410.58	
			For 2-1/8" Mesh Fabric, Deduct	-205.29	
32 31	13 13-0379	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,009.95	137.73
			For Gate With Single Barb Wire Arm, Add	285.60	
			For Gate With Double Barb Wire Arm, Add	415.41	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-486.81	
			For Aluminized Steel Gate And Post, Add	1,246.24	
			For Powder Coated Gate And Post, Add	675.05	
			For 1" Mesh Fabric, Add	1,129.41	
			For 1-1/4" Mesh Fabric, Add	726.98	
			For 1-3/4" Mesh Fabric, Add	451.76	
			For 2-1/8" Mesh Fabric, Deduct	-225.88	
32 31	13 13-0380	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,303.96	157.28
			For Gate With Single Barb Wire Arm, Add	311.47	
			For Gate With Double Barb Wire Arm, Add	453.05	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-530.92	
			For Aluminized Steel Gate And Post, Add	1,359.15	
			For Powder Coated Gate And Post, Add	736.21	
			For 1" Mesh Fabric, Add	1,231.73	
			For 1-1/4" Mesh Fabric, Add	792.84	
			For 1-3/4" Mesh Fabric, Add	492.69	
			For 2-1/8" Mesh Fabric, Deduct	-246.35	
32 31	13 13-0381	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,618.28	183.61
			For Gate With Single Barb Wire Arm, Add	337.35	
			For Gate With Double Barb Wire Arm, Add	490.69	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-575.03	
			For Aluminized Steel Gate And Post, Add	1,472.06	
			For Powder Coated Gate And Post, Add	797.37	
			For 1" Mesh Fabric, Add	1,334.06	
			For 1-1/4" Mesh Fabric, Add	858.70	
			For 1-3/4" Mesh Fabric, Add	533.62	
			For 2-1/8" Mesh Fabric, Deduct	-266.81	
32 31	13 13-0382	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,963.21	220.18
			For Gate With Single Barb Wire Arm, Add	363.22	
			For Gate With Double Barb Wire Arm, Add	528.32	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-619.13	
			For Aluminized Steel Gate And Post, Add	1,584.97	
			For Powder Coated Gate And Post, Add	858.53	
			For 1" Mesh Fabric, Add	1,436.38	
			For 1-1/4" Mesh Fabric, Add	924.57	
			For 1-3/4" Mesh Fabric, Add	574.55	
			For 2-1/8" Mesh Fabric, Deduct	-287.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0383	EA		30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,367.41	275.47
			<i>For Gate With Single Barb Wire Arm, Add</i>	389.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	566.43	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-663.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,699.29	
			<i>For Powder Coated Gate And Post, Add</i>	920.45	
			<i>For 1" Mesh Fabric, Add</i>	1,539.98	
			<i>For 1-1/4" Mesh Fabric, Add</i>	991.25	
			<i>For 1-3/4" Mesh Fabric, Add</i>	615.99	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-308.00	
32 31 13 13-0384			12' Fence Height <small>(22 31 13 13-0263)</small>		
32 31 13 13-0385	EA		3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	511.27	33.14
			<i>For Gate With Single Barb Wire Arm, Add</i>	45.29	
			<i>For Gate With Double Barb Wire Arm, Add</i>	65.88	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-77.20	
			<i>For Aluminized Steel Gate And Post, Add</i>	197.63	
			<i>For Powder Coated Gate And Post, Add</i>	107.05	
			<i>For 1" Mesh Fabric, Add</i>	179.10	
			<i>For 1-1/4" Mesh Fabric, Add</i>	115.28	
			<i>For 1-3/4" Mesh Fabric, Add</i>	71.64	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-35.82	
32 31 13 13-0386	EA		4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	648.50	33.14
			<i>For Gate With Single Barb Wire Arm, Add</i>	60.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	87.83	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-102.93	
			<i>For Aluminized Steel Gate And Post, Add</i>	263.50	
			<i>For Powder Coated Gate And Post, Add</i>	142.73	
			<i>For 1" Mesh Fabric, Add</i>	238.79	
			<i>For 1-1/4" Mesh Fabric, Add</i>	153.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	95.52	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-47.76	
32 31 13 13-0387	EA		5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	748.86	34.34
			<i>For Gate With Single Barb Wire Arm, Add</i>	71.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	103.30	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-121.06	
			<i>For Aluminized Steel Gate And Post, Add</i>	309.91	
			<i>For Powder Coated Gate And Post, Add</i>	167.87	
			<i>For 1" Mesh Fabric, Add</i>	280.86	
			<i>For 1-1/4" Mesh Fabric, Add</i>	180.78	
			<i>For 1-3/4" Mesh Fabric, Add</i>	112.34	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-56.17	
32 31 13 13-0388	EA		6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	870.55	42.66
			<i>For Gate With Single Barb Wire Arm, Add</i>	81.66	
			<i>For Gate With Double Barb Wire Arm, Add</i>	118.77	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-139.19	
			<i>For Aluminized Steel Gate And Post, Add</i>	356.32	
			<i>For Powder Coated Gate And Post, Add</i>	193.01	
			<i>For 1" Mesh Fabric, Add</i>	322.92	
			<i>For 1-1/4" Mesh Fabric, Add</i>	207.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	129.17	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.58	
32 31 13 13-0389	EA		7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	448.64	51.04
			<i>For Gate With Single Barb Wire Arm, Add</i>	32.50	
			<i>For Gate With Double Barb Wire Arm, Add</i>	47.27	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-55.39	
			<i>For Aluminized Steel Gate And Post, Add</i>	141.81	
			<i>For Powder Coated Gate And Post, Add</i>	76.81	
			<i>For 1" Mesh Fabric, Add</i>	128.51	
			<i>For 1-1/4" Mesh Fabric, Add</i>	82.72	
			<i>For 1-3/4" Mesh Fabric, Add</i>	51.40	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-25.70	
32 31 13 13-0390	EA		8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	506.88	59.10
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.24	
			<i>For Gate With Double Barb Wire Arm, Add</i>	52.72	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.78	
			<i>For Aluminized Steel Gate And Post, Add</i>	158.15	
			<i>For Powder Coated Gate And Post, Add</i>	85.66	
			<i>For 1" Mesh Fabric, Add</i>	143.32	
			<i>For 1-1/4" Mesh Fabric, Add</i>	92.25	
			<i>For 1-3/4" Mesh Fabric, Add</i>	57.33	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-28.66	
32 31 13 13-0391	EA		9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	565.92	67.41
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.99	
			<i>For Gate With Double Barb Wire Arm, Add</i>	58.16	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.16	
			<i>For Aluminized Steel Gate And Post, Add</i>	174.49	
			<i>For Powder Coated Gate And Post, Add</i>	94.52	
			<i>For 1" Mesh Fabric, Add</i>	158.13	
			<i>For 1-1/4" Mesh Fabric, Add</i>	101.79	
			<i>For 1-3/4" Mesh Fabric, Add</i>	63.25	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-31.63	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0392	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	624.96	75.71
		<i>For Gate With Single Barb Wire Arm, Add</i>	43.73	
		<i>For Gate With Double Barb Wire Arm, Add</i>	63.61	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-74.54	
		<i>For Aluminized Steel Gate And Post, Add</i>	190.83	
		<i>For Powder Coated Gate And Post, Add</i>	103.37	
		<i>For 1" Mesh Fabric, Add</i>	172.94	
		<i>For 1-1/4" Mesh Fabric, Add</i>	111.32	
		<i>For 1-3/4" Mesh Fabric, Add</i>	69.18	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-34.59	
32 31 13 13-0393	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	816.53	87.48
		<i>For Gate With Single Barb Wire Arm, Add</i>	60.93	
		<i>For Gate With Double Barb Wire Arm, Add</i>	88.63	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-103.86	
		<i>For Aluminized Steel Gate And Post, Add</i>	265.88	
		<i>For Powder Coated Gate And Post, Add</i>	144.02	
		<i>For 1" Mesh Fabric, Add</i>	240.96	
		<i>For 1-1/4" Mesh Fabric, Add</i>	155.10	
		<i>For 1-3/4" Mesh Fabric, Add</i>	96.38	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-48.19	
32 31 13 13-0394	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	891.44	94.18
		<i>For Gate With Single Barb Wire Arm, Add</i>	66.97	
		<i>For Gate With Double Barb Wire Arm, Add</i>	97.41	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-114.15	
		<i>For Aluminized Steel Gate And Post, Add</i>	292.22	
		<i>For Powder Coated Gate And Post, Add</i>	158.29	
		<i>For 1" Mesh Fabric, Add</i>	264.82	
		<i>For 1-1/4" Mesh Fabric, Add</i>	170.46	
		<i>For 1-3/4" Mesh Fabric, Add</i>	105.93	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-52.96	
32 31 13 13-0395	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,004.20	102.00
		<i>For Gate With Single Barb Wire Arm, Add</i>	76.76	
		<i>For Gate With Double Barb Wire Arm, Add</i>	111.65	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-130.84	
		<i>For Aluminized Steel Gate And Post, Add</i>	334.96	
		<i>For Powder Coated Gate And Post, Add</i>	181.44	
		<i>For 1" Mesh Fabric, Add</i>	303.56	
		<i>For 1-1/4" Mesh Fabric, Add</i>	195.39	
		<i>For 1-3/4" Mesh Fabric, Add</i>	121.42	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-60.71	
32 31 13 13-0396	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,131.39	111.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	87.70	
		<i>For Gate With Double Barb Wire Arm, Add</i>	127.56	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-149.48	
		<i>For Aluminized Steel Gate And Post, Add</i>	382.67	
		<i>For Powder Coated Gate And Post, Add</i>	207.28	
		<i>For 1" Mesh Fabric, Add</i>	346.80	
		<i>For 1-1/4" Mesh Fabric, Add</i>	223.22	
		<i>For 1-3/4" Mesh Fabric, Add</i>	138.72	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-69.36	
32 31 13 13-0397	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,913.83	122.47
		<i>For Gate With Single Barb Wire Arm, Add</i>	280.10	
		<i>For Gate With Double Barb Wire Arm, Add</i>	407.42	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-477.44	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,222.25	
		<i>For Powder Coated Gate And Post, Add</i>	662.05	
		<i>For 1" Mesh Fabric, Add</i>	1,107.66	
		<i>For 1-1/4" Mesh Fabric, Add</i>	712.98	
		<i>For 1-3/4" Mesh Fabric, Add</i>	443.06	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-221.53	
32 31 13 13-0398	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,239.74	135.96
		<i>For Gate With Single Barb Wire Arm, Add</i>	311.47	
		<i>For Gate With Double Barb Wire Arm, Add</i>	453.05	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-530.92	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,359.15	
		<i>For Powder Coated Gate And Post, Add</i>	736.21	
		<i>For 1" Mesh Fabric, Add</i>	1,231.73	
		<i>For 1-1/4" Mesh Fabric, Add</i>	792.84	
		<i>For 1-3/4" Mesh Fabric, Add</i>	492.69	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-246.35	
32 31 13 13-0399	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,573.41	152.99
		<i>For Gate With Single Barb Wire Arm, Add</i>	342.52	
		<i>For Gate With Double Barb Wire Arm, Add</i>	498.21	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-583.85	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,494.64	
		<i>For Powder Coated Gate And Post, Add</i>	809.60	
		<i>For 1" Mesh Fabric, Add</i>	1,354.52	
		<i>For 1-1/4" Mesh Fabric, Add</i>	871.88	
		<i>For 1-3/4" Mesh Fabric, Add</i>	541.81	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-270.90	
32 31 13 13-0400	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,923.95	174.77
		<i>For Gate With Single Barb Wire Arm, Add</i>	373.90	
		<i>For Gate With Double Barb Wire Arm, Add</i>	543.85	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-637.32	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,631.55	
		<i>For Powder Coated Gate And Post, Add</i>	883.76	
		<i>For 1" Mesh Fabric, Add</i>	1,478.59	
		<i>For 1-1/4" Mesh Fabric, Add</i>	951.74	
		<i>For 1-3/4" Mesh Fabric, Add</i>	591.44	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-295.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0401	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	4,291.15	204.09
		<i>For Gate With Single Barb Wire Arm, Add</i>		404.62	
		<i>For Gate With Double Barb Wire Arm, Add</i>		588.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-689.70	
		<i>For Aluminized Steel Gate And Post, Add</i>		1,765.63	
		<i>For Powder Coated Gate And Post, Add</i>		956.38	
		<i>For 1" Mesh Fabric, Add</i>		1,600.10	
		<i>For 1-1/4" Mesh Fabric, Add</i>		1,029.95	
		<i>For 1-3/4" Mesh Fabric, Add</i>		640.04	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-320.02	
32 31 13 13-0402	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	.....	4,695.32	244.66
		<i>For Gate With Single Barb Wire Arm, Add</i>		435.67	
		<i>For Gate With Double Barb Wire Arm, Add</i>		633.71	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-742.62	
		<i>For Aluminized Steel Gate And Post, Add</i>		1,901.12	
		<i>For Powder Coated Gate And Post, Add</i>		1,029.77	
		<i>For 1" Mesh Fabric, Add</i>		1,722.89	
		<i>For 1-1/4" Mesh Fabric, Add</i>		1,108.98	
		<i>For 1-3/4" Mesh Fabric, Add</i>		689.15	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-344.58	
32 31 13 13-0403	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	.....	5,165.01	306.09
		<i>For Gate With Single Barb Wire Arm, Add</i>		467.05	
		<i>For Gate With Double Barb Wire Arm, Add</i>		679.34	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-796.10	
		<i>For Aluminized Steel Gate And Post, Add</i>		2,038.02	
		<i>For Powder Coated Gate And Post, Add</i>		1,103.93	
		<i>For 1" Mesh Fabric, Add</i>		1,846.96	
		<i>For 1-1/4" Mesh Fabric, Add</i>		1,188.85	
		<i>For 1-3/4" Mesh Fabric, Add</i>		738.78	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-369.39	

32 31 13 13-0404 Vinyl Coated Without Barb Wire Arm (32 31 13 13-0262)

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0405 4' Fence Height (32 31 13 13-0404)

32 31 13 13-0406	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	129.57	20.16
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-12.95	
		<i>For 1" Mesh Fabric, Add</i>		30.05	
		<i>For 1-1/4" Mesh Fabric, Add</i>		19.35	
		<i>For 1-3/4" Mesh Fabric, Add</i>		12.02	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-6.01	
		<i>For Gate With Single Barb Wire Arm, Add</i>		7.60	
		<i>For Gate With Double Barb Wire Arm, Add</i>		11.05	
32 31 13 13-0407	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	152.60	20.16
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-17.27	
		<i>For 1" Mesh Fabric, Add</i>		40.07	
		<i>For 1-1/4" Mesh Fabric, Add</i>		25.79	
		<i>For 1-3/4" Mesh Fabric, Add</i>		16.03	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-8.01	
		<i>For Gate With Single Barb Wire Arm, Add</i>		10.13	
		<i>For Gate With Double Barb Wire Arm, Add</i>		14.74	
32 31 13 13-0408	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	175.82	21.45
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-20.87	
		<i>For 1" Mesh Fabric, Add</i>		48.42	
		<i>For 1-1/4" Mesh Fabric, Add</i>		31.17	
		<i>For 1-3/4" Mesh Fabric, Add</i>		19.37	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-9.68	
		<i>For Gate With Single Barb Wire Arm, Add</i>		12.24	
		<i>For Gate With Double Barb Wire Arm, Add</i>		17.81	
32 31 13 13-0409	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	207.91	25.80
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-24.47	
		<i>For 1" Mesh Fabric, Add</i>		56.77	
		<i>For 1-1/4" Mesh Fabric, Add</i>		36.54	
		<i>For 1-3/4" Mesh Fabric, Add</i>		22.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-11.35	
		<i>For Gate With Single Barb Wire Arm, Add</i>		14.36	
		<i>For Gate With Double Barb Wire Arm, Add</i>		20.88	
32 31 13 13-0410	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	239.99	30.08
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-28.07	
		<i>For 1" Mesh Fabric, Add</i>		65.12	
		<i>For 1-1/4" Mesh Fabric, Add</i>		41.91	
		<i>For 1-3/4" Mesh Fabric, Add</i>		26.05	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-13.02	
		<i>For Gate With Single Barb Wire Arm, Add</i>		16.47	
		<i>For Gate With Double Barb Wire Arm, Add</i>		23.95	
32 31 13 13-0411	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	.....	272.09	34.34
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-31.67	
		<i>For 1" Mesh Fabric, Add</i>		73.46	
		<i>For 1-1/4" Mesh Fabric, Add</i>		47.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>		29.39	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>		-14.69	
		<i>For Gate With Single Barb Wire Arm, Add</i>		18.58	
		<i>For Gate With Double Barb Wire Arm, Add</i>		27.02	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0412	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	304.19	38.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-35.26	
		For 1" Mesh Fabric, Add	81.81	
		For 1-1/4" Mesh Fabric, Add	52.66	
		For 1-3/4" Mesh Fabric, Add	32.72	
		For 2-1/8" Mesh Fabric, Deduct	-16.36	
		For Gate With Single Barb Wire Arm, Add	20.69	
		For Gate With Double Barb Wire Arm, Add	30.09	
32 31 13 13-0413	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	336.27	42.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-38.86	
		For 1" Mesh Fabric, Add	90.16	
		For 1-1/4" Mesh Fabric, Add	58.03	
		For 1-3/4" Mesh Fabric, Add	36.06	
		For 2-1/8" Mesh Fabric, Deduct	-18.03	
		For Gate With Single Barb Wire Arm, Add	22.80	
		For Gate With Double Barb Wire Arm, Add	33.16	
32 31 13 13-0414	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	405.36	42.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-51.82	
		For 1" Mesh Fabric, Add	120.21	
		For 1-1/4" Mesh Fabric, Add	77.38	
		For 1-3/4" Mesh Fabric, Add	48.08	
		For 2-1/8" Mesh Fabric, Deduct	-24.04	
		For Gate With Single Barb Wire Arm, Add	30.40	
		For Gate With Double Barb Wire Arm, Add	44.22	
32 31 13 13-0415	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	469.85	46.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-62.18	
		For 1" Mesh Fabric, Add	144.25	
		For 1-1/4" Mesh Fabric, Add	92.85	
		For 1-3/4" Mesh Fabric, Add	57.70	
		For 2-1/8" Mesh Fabric, Deduct	-28.85	
		For Gate With Single Barb Wire Arm, Add	36.48	
		For Gate With Double Barb Wire Arm, Add	53.06	
32 31 13 13-0416	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	535.75	49.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-72.54	
		For 1" Mesh Fabric, Add	168.30	
		For 1-1/4" Mesh Fabric, Add	108.33	
		For 1-3/4" Mesh Fabric, Add	67.32	
		For 2-1/8" Mesh Fabric, Deduct	-33.66	
		For Gate With Single Barb Wire Arm, Add	42.56	
		For Gate With Double Barb Wire Arm, Add	61.90	
32 31 13 13-0417	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	603.43	53.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-82.91	
		For 1" Mesh Fabric, Add	192.34	
		For 1-1/4" Mesh Fabric, Add	123.80	
		For 1-3/4" Mesh Fabric, Add	76.94	
		For 2-1/8" Mesh Fabric, Deduct	-38.47	
		For Gate With Single Barb Wire Arm, Add	48.64	
		For Gate With Double Barb Wire Arm, Add	70.75	
32 31 13 13-0418	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	695.96	66.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-93.27	
		For 1" Mesh Fabric, Add	216.38	
		For 1-1/4" Mesh Fabric, Add	139.28	
		For 1-3/4" Mesh Fabric, Add	86.55	
		For 2-1/8" Mesh Fabric, Deduct	-43.28	
		For Gate With Single Barb Wire Arm, Add	54.72	
		For Gate With Double Barb Wire Arm, Add	79.59	
32 31 13 13-0419	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	765.42	70.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-103.63	
		For 1" Mesh Fabric, Add	240.42	
		For 1-1/4" Mesh Fabric, Add	154.76	
		For 1-3/4" Mesh Fabric, Add	96.17	
		For 2-1/8" Mesh Fabric, Deduct	-48.08	
		For Gate With Single Barb Wire Arm, Add	60.80	
		For Gate With Double Barb Wire Arm, Add	88.43	
32 31 13 13-0420	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	837.05	76.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-113.99	
		For 1" Mesh Fabric, Add	264.47	
		For 1-1/4" Mesh Fabric, Add	170.23	
		For 1-3/4" Mesh Fabric, Add	105.79	
		For 2-1/8" Mesh Fabric, Deduct	-52.89	
		For Gate With Single Barb Wire Arm, Add	66.88	
		For Gate With Double Barb Wire Arm, Add	97.28	
32 31 13 13-0421	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	911.40	82.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-124.36	
		For 1" Mesh Fabric, Add	288.51	
		For 1-1/4" Mesh Fabric, Add	185.71	
		For 1-3/4" Mesh Fabric, Add	115.40	
		For 2-1/8" Mesh Fabric, Deduct	-57.70	
		For Gate With Single Barb Wire Arm, Add	72.96	
		For Gate With Double Barb Wire Arm, Add	106.12	
32 31 13 13-0422	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	989.24	90.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-134.72	
		For 1" Mesh Fabric, Add	312.55	
		For 1-1/4" Mesh Fabric, Add	201.18	
		For 1-3/4" Mesh Fabric, Add	125.02	
		For 2-1/8" Mesh Fabric, Deduct	-62.51	
		For Gate With Single Barb Wire Arm, Add	79.04	
		For Gate With Double Barb Wire Arm, Add	114.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0423	EA		28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,071.58 -145.08 336.59 216.66 134.64 -67.32 85.12 123.80	99.21
32 31 13 13-0424	EA		30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,159.94 -155.45 360.64 232.13 144.25 -72.13 91.20 132.65	110.18
32 31 13 13-0425			5' Fence Height (32 31 13 13-0404)		
32 31 13 13-0426	EA		3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	150.12 -16.05 37.24 23.97 14.90 -7.45 9.42 13.70	21.45
32 31 13 13-0427	EA		4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	178.66 -21.40 49.66 31.96 19.86 -9.93 12.56 18.26	21.45
32 31 13 13-0428	EA		5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	204.09 -25.42 58.96 37.95 23.59 -11.79 14.91 21.69	22.82
32 31 13 13-0429	EA		6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	239.19 -29.43 68.27 43.95 27.31 -13.65 17.26 25.11	27.42
32 31 13 13-0430	EA		7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	274.31 -33.44 77.59 49.94 31.03 -15.52 19.62 28.54	31.93
32 31 13 13-0431	EA		8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	310.23 -37.46 86.90 55.93 34.76 -17.38 21.97 31.96	36.76
32 31 13 13-0432	EA		9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	345.33 -41.47 96.20 61.92 38.48 -19.24 24.33 35.39	41.37
32 31 13 13-0433	EA		10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	380.44 -45.48 105.51 67.92 42.21 -21.10 26.68 38.81	45.88
32 31 13 13-0434	EA		10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	480.67 -64.21 148.96 95.88 59.58 -29.79 37.67 54.79	46.04

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0435	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	559.78	49.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.05	
		For 1" Mesh Fabric, Add	178.75	
		For 1-1/4" Mesh Fabric, Add	115.06	
		For 1-3/4" Mesh Fabric, Add	71.50	
		For 2-1/8" Mesh Fabric, Deduct	-35.75	
		For Gate With Single Barb Wire Arm, Add	45.20	
		For Gate With Double Barb Wire Arm, Add	65.75	
32 31 13 13-0436	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	640.68	53.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-89.89	
		For 1" Mesh Fabric, Add	208.54	
		For 1-1/4" Mesh Fabric, Add	134.23	
		For 1-3/4" Mesh Fabric, Add	83.42	
		For 2-1/8" Mesh Fabric, Deduct	-41.71	
		For Gate With Single Barb Wire Arm, Add	52.74	
		For Gate With Double Barb Wire Arm, Add	76.71	
32 31 13 13-0437	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	746.43	66.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-102.73	
		For 1" Mesh Fabric, Add	238.34	
		For 1-1/4" Mesh Fabric, Add	153.41	
		For 1-3/4" Mesh Fabric, Add	95.33	
		For 2-1/8" Mesh Fabric, Deduct	-47.67	
		For Gate With Single Barb Wire Arm, Add	60.27	
		For Gate With Double Barb Wire Arm, Add	87.66	
32 31 13 13-0438	EA	18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	829.10	70.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-115.57	
		For 1" Mesh Fabric, Add	268.13	
		For 1-1/4" Mesh Fabric, Add	172.59	
		For 1-3/4" Mesh Fabric, Add	107.25	
		For 2-1/8" Mesh Fabric, Deduct	-53.63	
		For Gate With Single Barb Wire Arm, Add	67.80	
		For Gate With Double Barb Wire Arm, Add	98.62	
32 31 13 13-0439	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	913.95	76.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-128.41	
		For 1" Mesh Fabric, Add	297.92	
		For 1-1/4" Mesh Fabric, Add	191.76	
		For 1-3/4" Mesh Fabric, Add	119.17	
		For 2-1/8" Mesh Fabric, Deduct	-59.58	
		For Gate With Single Barb Wire Arm, Add	75.34	
		For Gate With Double Barb Wire Arm, Add	109.58	
32 31 13 13-0440	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,001.52	82.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-141.26	
		For 1" Mesh Fabric, Add	327.71	
		For 1-1/4" Mesh Fabric, Add	210.94	
		For 1-3/4" Mesh Fabric, Add	131.08	
		For 2-1/8" Mesh Fabric, Deduct	-65.54	
		For Gate With Single Barb Wire Arm, Add	82.87	
		For Gate With Double Barb Wire Arm, Add	120.54	
32 31 13 13-0441	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,092.58	90.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-154.10	
		For 1" Mesh Fabric, Add	357.50	
		For 1-1/4" Mesh Fabric, Add	230.12	
		For 1-3/4" Mesh Fabric, Add	143.00	
		For 2-1/8" Mesh Fabric, Deduct	-71.50	
		For Gate With Single Barb Wire Arm, Add	90.40	
		For Gate With Double Barb Wire Arm, Add	131.50	
32 31 13 13-0442	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,188.13	99.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-166.94	
		For 1" Mesh Fabric, Add	387.29	
		For 1-1/4" Mesh Fabric, Add	249.29	
		For 1-3/4" Mesh Fabric, Add	154.92	
		For 2-1/8" Mesh Fabric, Deduct	-77.46	
		For Gate With Single Barb Wire Arm, Add	97.94	
		For Gate With Double Barb Wire Arm, Add	142.45	
32 31 13 13-0443	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,289.71	110.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-179.78	
		For 1" Mesh Fabric, Add	417.09	
		For 1-1/4" Mesh Fabric, Add	268.47	
		For 1-3/4" Mesh Fabric, Add	166.83	
		For 2-1/8" Mesh Fabric, Deduct	-83.42	
		For Gate With Single Barb Wire Arm, Add	105.47	
		For Gate With Double Barb Wire Arm, Add	153.41	
32 31 13 13-0444	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,399.56	123.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-192.62	
		For 1" Mesh Fabric, Add	446.88	
		For 1-1/4" Mesh Fabric, Add	287.65	
		For 1-3/4" Mesh Fabric, Add	178.75	
		For 2-1/8" Mesh Fabric, Deduct	-89.38	
		For Gate With Single Barb Wire Arm, Add	113.00	
		For Gate With Double Barb Wire Arm, Add	164.37	
32 31 13 13-0445		6' Fence Height (32 31 13 13-0404)		
32 31 13 13-0446	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	160.61	22.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-17.15	
		For 1" Mesh Fabric, Add	39.80	
		For 1-1/4" Mesh Fabric, Add	25.62	
		For 1-3/4" Mesh Fabric, Add	15.92	
		For 2-1/8" Mesh Fabric, Deduct	-7.96	
		For Gate With Single Barb Wire Arm, Add	10.06	
		For Gate With Double Barb Wire Arm, Add	14.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0447	EA 4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	191.11	22.98
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-22.87	
			For 1" Mesh Fabric, Add	53.07	
			For 1-1/4" Mesh Fabric, Add	34.16	
			For 1-3/4" Mesh Fabric, Add	21.23	
			For 2-1/8" Mesh Fabric, Deduct	-10.61	
			For Gate With Single Barb Wire Arm, Add	13.42	
			For Gate With Double Barb Wire Arm, Add	19.52	
32 31	13	13-0448	EA 5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	218.23	24.43
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.16	
			For 1" Mesh Fabric, Add	63.01	
			For 1-1/4" Mesh Fabric, Add	40.56	
			For 1-3/4" Mesh Fabric, Add	25.21	
			For 2-1/8" Mesh Fabric, Deduct	-12.60	
			For Gate With Single Barb Wire Arm, Add	15.93	
			For Gate With Double Barb Wire Arm, Add	23.18	
32 31	13	13-0449	EA 6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	256.44	29.51
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-31.45	
			For 1" Mesh Fabric, Add	72.97	
			For 1-1/4" Mesh Fabric, Add	46.97	
			For 1-3/4" Mesh Fabric, Add	29.19	
			For 2-1/8" Mesh Fabric, Deduct	-14.59	
			For Gate With Single Barb Wire Arm, Add	18.45	
			For Gate With Double Barb Wire Arm, Add	26.84	
32 31	13	13-0450	EA 7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	294.62	34.67
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-35.74	
			For 1" Mesh Fabric, Add	82.92	
			For 1-1/4" Mesh Fabric, Add	53.37	
			For 1-3/4" Mesh Fabric, Add	33.17	
			For 2-1/8" Mesh Fabric, Deduct	-16.58	
			For Gate With Single Barb Wire Arm, Add	20.97	
			For Gate With Double Barb Wire Arm, Add	30.50	
32 31	13	13-0451	EA 8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	332.00	39.51
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-40.03	
			For 1" Mesh Fabric, Add	92.86	
			For 1-1/4" Mesh Fabric, Add	59.77	
			For 1-3/4" Mesh Fabric, Add	37.15	
			For 2-1/8" Mesh Fabric, Deduct	-18.57	
			For Gate With Single Barb Wire Arm, Add	23.48	
			For Gate With Double Barb Wire Arm, Add	34.16	
32 31	13	13-0452	EA 9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	370.21	44.59
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-44.32	
			For 1" Mesh Fabric, Add	102.82	
			For 1-1/4" Mesh Fabric, Add	66.18	
			For 1-3/4" Mesh Fabric, Add	41.13	
			For 2-1/8" Mesh Fabric, Deduct	-20.56	
			For Gate With Single Barb Wire Arm, Add	26.00	
			For Gate With Double Barb Wire Arm, Add	37.82	
32 31	13	13-0453	EA 10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	408.40	49.67
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-48.61	
			For 1" Mesh Fabric, Add	112.77	
			For 1-1/4" Mesh Fabric, Add	72.58	
			For 1-3/4" Mesh Fabric, Add	45.11	
			For 2-1/8" Mesh Fabric, Deduct	-22.55	
			For Gate With Single Barb Wire Arm, Add	28.52	
			For Gate With Double Barb Wire Arm, Add	41.48	
32 31	13	13-0454	EA 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	514.83	49.59
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-68.62	
			For 1" Mesh Fabric, Add	159.20	
			For 1-1/4" Mesh Fabric, Add	102.47	
			For 1-3/4" Mesh Fabric, Add	63.68	
			For 2-1/8" Mesh Fabric, Deduct	-31.84	
			For Gate With Single Barb Wire Arm, Add	40.26	
			For Gate With Double Barb Wire Arm, Add	58.56	
32 31	13	13-0455	EA 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	600.43	53.70
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-82.34	
			For 1" Mesh Fabric, Add	191.03	
			For 1-1/4" Mesh Fabric, Add	122.96	
			For 1-3/4" Mesh Fabric, Add	76.41	
			For 2-1/8" Mesh Fabric, Deduct	-38.21	
			For Gate With Single Barb Wire Arm, Add	48.31	
			For Gate With Double Barb Wire Arm, Add	70.27	
32 31	13	13-0456	EA 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	725.07	70.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-96.07	
			For 1" Mesh Fabric, Add	222.87	
			For 1-1/4" Mesh Fabric, Add	143.46	
			For 1-3/4" Mesh Fabric, Add	89.15	
			For 2-1/8" Mesh Fabric, Deduct	-44.57	
			For Gate With Single Barb Wire Arm, Add	56.36	
			For Gate With Double Barb Wire Arm, Add	81.98	
32 31	13	13-0457	EA 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	814.63	76.32
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-109.79	
			For 1" Mesh Fabric, Add	254.71	
			For 1-1/4" Mesh Fabric, Add	163.95	
			For 1-3/4" Mesh Fabric, Add	101.89	
			For 2-1/8" Mesh Fabric, Deduct	-50.94	
			For Gate With Single Barb Wire Arm, Add	64.41	
			For Gate With Double Barb Wire Arm, Add	93.69	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0458	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	906.90	82.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-123.51	
		For 1" Mesh Fabric, Add	286.55	
		For 1-1/4" Mesh Fabric, Add	184.45	
		For 1-3/4" Mesh Fabric, Add	114.62	
		For 2-1/8" Mesh Fabric, Deduct	-57.31	
		For Gate With Single Barb Wire Arm, Add	72.46	
		For Gate With Double Barb Wire Arm, Add	105.40	
32 31 13 13-0459	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,016.19	90.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-139.77	
		For 1" Mesh Fabric, Add	324.28	
		For 1-1/4" Mesh Fabric, Add	208.73	
		For 1-3/4" Mesh Fabric, Add	129.71	
		For 2-1/8" Mesh Fabric, Deduct	-64.86	
		For Gate With Single Barb Wire Arm, Add	82.00	
		For Gate With Double Barb Wire Arm, Add	119.27	
32 31 13 13-0460	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,105.38	99.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-151.42	
		For 1" Mesh Fabric, Add	351.30	
		For 1-1/4" Mesh Fabric, Add	226.12	
		For 1-3/4" Mesh Fabric, Add	140.52	
		For 2-1/8" Mesh Fabric, Deduct	-70.26	
		For Gate With Single Barb Wire Arm, Add	88.83	
		For Gate With Double Barb Wire Arm, Add	129.21	
32 31 13 13-0461	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,209.21	110.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-164.69	
		For 1" Mesh Fabric, Add	382.07	
		For 1-1/4" Mesh Fabric, Add	245.93	
		For 1-3/4" Mesh Fabric, Add	152.83	
		For 2-1/8" Mesh Fabric, Deduct	-76.41	
		For Gate With Single Barb Wire Arm, Add	96.62	
		For Gate With Double Barb Wire Arm, Add	140.53	
32 31 13 13-0462	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,323.76	123.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-178.41	
		For 1" Mesh Fabric, Add	413.91	
		For 1-1/4" Mesh Fabric, Add	266.42	
		For 1-3/4" Mesh Fabric, Add	165.56	
		For 2-1/8" Mesh Fabric, Deduct	-82.78	
		For Gate With Single Barb Wire Arm, Add	104.67	
		For Gate With Double Barb Wire Arm, Add	152.24	
32 31 13 13-0463	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,450.14	141.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-192.13	
		For 1" Mesh Fabric, Add	445.75	
		For 1-1/4" Mesh Fabric, Add	286.92	
		For 1-3/4" Mesh Fabric, Add	178.30	
		For 2-1/8" Mesh Fabric, Deduct	-89.15	
		For Gate With Single Barb Wire Arm, Add	112.72	
		For Gate With Double Barb Wire Arm, Add	163.95	
32 31 13 13-0464	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,594.23	165.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-205.86	
		For 1" Mesh Fabric, Add	477.59	
		For 1-1/4" Mesh Fabric, Add	307.41	
		For 1-3/4" Mesh Fabric, Add	191.03	
		For 2-1/8" Mesh Fabric, Deduct	-95.52	
		For Gate With Single Barb Wire Arm, Add	120.77	
		For Gate With Double Barb Wire Arm, Add	175.66	
32 31 13 13-0465		7' Fence Height (32 31 13 13-0404)		
32 31 13 13-0466	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	170.52	24.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-18.02	
		For 1" Mesh Fabric, Add	41.80	
		For 1-1/4" Mesh Fabric, Add	26.91	
		For 1-3/4" Mesh Fabric, Add	16.72	
		For 2-1/8" Mesh Fabric, Deduct	-8.36	
		For Gate With Single Barb Wire Arm, Add	10.57	
		For Gate With Double Barb Wire Arm, Add	15.37	
32 31 13 13-0467	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	202.56	24.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-24.02	
		For 1" Mesh Fabric, Add	55.74	
		For 1-1/4" Mesh Fabric, Add	35.88	
		For 1-3/4" Mesh Fabric, Add	22.29	
		For 2-1/8" Mesh Fabric, Deduct	-11.15	
		For Gate With Single Barb Wire Arm, Add	14.09	
		For Gate With Double Barb Wire Arm, Add	20.50	
32 31 13 13-0468	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	230.37	26.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-28.53	
		For 1" Mesh Fabric, Add	66.19	
		For 1-1/4" Mesh Fabric, Add	42.60	
		For 1-3/4" Mesh Fabric, Add	26.48	
		For 2-1/8" Mesh Fabric, Deduct	-13.24	
		For Gate With Single Barb Wire Arm, Add	16.74	
		For Gate With Double Barb Wire Arm, Add	24.35	
32 31 13 13-0469	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	271.32	31.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-33.03	
		For 1" Mesh Fabric, Add	76.64	
		For 1-1/4" Mesh Fabric, Add	49.33	
		For 1-3/4" Mesh Fabric, Add	30.66	
		For 2-1/8" Mesh Fabric, Deduct	-15.33	
		For Gate With Single Barb Wire Arm, Add	19.38	
		For Gate With Double Barb Wire Arm, Add	28.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0470	EA 7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	311.48	37.09
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-37.54	
			For 1" Mesh Fabric, Add	87.09	
			For 1-1/4" Mesh Fabric, Add	56.06	
			For 1-3/4" Mesh Fabric, Add	34.84	
			For 2-1/8" Mesh Fabric, Deduct	-17.42	
			For Gate With Single Barb Wire Arm, Add	22.02	
			For Gate With Double Barb Wire Arm, Add	32.03	
32 31	13	13-0471	EA 8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	352.45	42.66
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-42.05	
			For 1" Mesh Fabric, Add	97.54	
			For 1-1/4" Mesh Fabric, Add	62.79	
			For 1-3/4" Mesh Fabric, Add	39.02	
			For 2-1/8" Mesh Fabric, Deduct	-19.51	
			For Gate With Single Barb Wire Arm, Add	24.67	
			For Gate With Double Barb Wire Arm, Add	35.88	
32 31	13	13-0472	EA 9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	392.59	48.05
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-46.55	
			For 1" Mesh Fabric, Add	107.99	
			For 1-1/4" Mesh Fabric, Add	69.51	
			For 1-3/4" Mesh Fabric, Add	43.20	
			For 2-1/8" Mesh Fabric, Deduct	-21.60	
			For Gate With Single Barb Wire Arm, Add	27.31	
			For Gate With Double Barb Wire Arm, Add	39.72	
32 31	13	13-0473	EA 10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	433.56	53.70
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-51.05	
			For 1" Mesh Fabric, Add	118.45	
			For 1-1/4" Mesh Fabric, Add	76.24	
			For 1-3/4" Mesh Fabric, Add	47.38	
			For 2-1/8" Mesh Fabric, Deduct	-23.69	
			For Gate With Single Barb Wire Arm, Add	29.95	
			For Gate With Double Barb Wire Arm, Add	43.57	
32 31	13	13-0474	EA 10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	545.67	53.70
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-72.08	
			For 1" Mesh Fabric, Add	167.21	
			For 1-1/4" Mesh Fabric, Add	107.63	
			For 1-3/4" Mesh Fabric, Add	66.89	
			For 2-1/8" Mesh Fabric, Deduct	-33.44	
			For Gate With Single Barb Wire Arm, Add	42.28	
			For Gate With Double Barb Wire Arm, Add	61.50	
32 31	13	13-0475	EA 12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	673.99	70.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-86.49	
			For 1" Mesh Fabric, Add	200.65	
			For 1-1/4" Mesh Fabric, Add	129.16	
			For 1-3/4" Mesh Fabric, Add	80.26	
			For 2-1/8" Mesh Fabric, Deduct	-40.13	
			For Gate With Single Barb Wire Arm, Add	50.74	
			For Gate With Double Barb Wire Arm, Add	73.80	
32 31	13	13-0476	EA 14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	767.24	76.32
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-100.91	
			For 1" Mesh Fabric, Add	234.10	
			For 1-1/4" Mesh Fabric, Add	150.68	
			For 1-3/4" Mesh Fabric, Add	93.64	
			For 2-1/8" Mesh Fabric, Deduct	-46.82	
			For Gate With Single Barb Wire Arm, Add	59.20	
			For Gate With Double Barb Wire Arm, Add	86.11	
32 31	13	13-0477	EA 16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	863.19	82.64
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-115.32	
			For 1" Mesh Fabric, Add	267.54	
			For 1-1/4" Mesh Fabric, Add	172.21	
			For 1-3/4" Mesh Fabric, Add	107.02	
			For 2-1/8" Mesh Fabric, Deduct	-53.51	
			For Gate With Single Barb Wire Arm, Add	67.65	
			For Gate With Double Barb Wire Arm, Add	98.40	
32 31	13	13-0478	EA 18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	962.65	90.18
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-129.74	
			For 1" Mesh Fabric, Add	300.99	
			For 1-1/4" Mesh Fabric, Add	193.74	
			For 1-3/4" Mesh Fabric, Add	120.39	
			For 2-1/8" Mesh Fabric, Deduct	-60.20	
			For Gate With Single Barb Wire Arm, Add	76.11	
			For Gate With Double Barb Wire Arm, Add	110.71	
32 31	13	13-0479	EA 20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,066.59	99.21
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-144.15	
			For 1" Mesh Fabric, Add	334.42	
			For 1-1/4" Mesh Fabric, Add	215.26	
			For 1-3/4" Mesh Fabric, Add	133.77	
			For 2-1/8" Mesh Fabric, Deduct	-66.88	
			For Gate With Single Barb Wire Arm, Add	84.57	
			For Gate With Double Barb Wire Arm, Add	123.01	
32 31	13	13-0480	EA 22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,176.55	110.18
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-158.56	
			For 1" Mesh Fabric, Add	367.86	
			For 1-1/4" Mesh Fabric, Add	236.78	
			For 1-3/4" Mesh Fabric, Add	147.14	
			For 2-1/8" Mesh Fabric, Deduct	-73.57	
			For Gate With Single Barb Wire Arm, Add	93.02	
			For Gate With Double Barb Wire Arm, Add	135.31	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0481	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,294.80	123.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.98	
		For 1" Mesh Fabric, Add	401.31	
		For 1-1/4" Mesh Fabric, Add	258.31	
		For 1-3/4" Mesh Fabric, Add	160.52	
		For 2-1/8" Mesh Fabric, Deduct	-80.26	
		For Gate With Single Barb Wire Arm, Add	101.48	
		For Gate With Double Barb Wire Arm, Add	147.61	
32 31 13 13-0482	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,424.86	141.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-187.39	
		For 1" Mesh Fabric, Add	434.75	
		For 1-1/4" Mesh Fabric, Add	279.84	
		For 1-3/4" Mesh Fabric, Add	173.90	
		For 2-1/8" Mesh Fabric, Deduct	-86.95	
		For Gate With Single Barb Wire Arm, Add	109.94	
		For Gate With Double Barb Wire Arm, Add	159.91	
32 31 13 13-0483	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,572.63	165.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-201.81	
		For 1" Mesh Fabric, Add	468.19	
		For 1-1/4" Mesh Fabric, Add	301.36	
		For 1-3/4" Mesh Fabric, Add	187.28	
		For 2-1/8" Mesh Fabric, Deduct	-93.64	
		For Gate With Single Barb Wire Arm, Add	118.39	
		For Gate With Double Barb Wire Arm, Add	172.21	
32 31 13 13-0484	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,748.79	198.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-216.22	
		For 1" Mesh Fabric, Add	501.64	
		For 1-1/4" Mesh Fabric, Add	322.89	
		For 1-3/4" Mesh Fabric, Add	200.66	
		For 2-1/8" Mesh Fabric, Deduct	-100.33	
		For Gate With Single Barb Wire Arm, Add	126.85	
		For Gate With Double Barb Wire Arm, Add	184.51	
32 31 13 13-0485		8' Fence Height (32 31 13 13-0404)		
32 31 13 13-0486	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	197.11	26.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-21.84	
		For 1" Mesh Fabric, Add	50.67	
		For 1-1/4" Mesh Fabric, Add	32.61	
		For 1-3/4" Mesh Fabric, Add	20.27	
		For 2-1/8" Mesh Fabric, Deduct	-10.13	
		For Gate With Single Barb Wire Arm, Add	12.81	
		For Gate With Double Barb Wire Arm, Add	18.64	
32 31 13 13-0487	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	235.93	26.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-29.12	
		For 1" Mesh Fabric, Add	67.56	
		For 1-1/4" Mesh Fabric, Add	43.48	
		For 1-3/4" Mesh Fabric, Add	27.02	
		For 2-1/8" Mesh Fabric, Deduct	-13.51	
		For Gate With Single Barb Wire Arm, Add	17.08	
		For Gate With Double Barb Wire Arm, Add	24.85	
32 31 13 13-0488	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	261.82	26.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-33.97	
		For 1" Mesh Fabric, Add	78.82	
		For 1-1/4" Mesh Fabric, Add	50.73	
		For 1-3/4" Mesh Fabric, Add	31.53	
		For 2-1/8" Mesh Fabric, Deduct	-15.76	
		For Gate With Single Barb Wire Arm, Add	19.93	
		For Gate With Double Barb Wire Arm, Add	28.99	
32 31 13 13-0489	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	308.66	33.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-38.83	
		For 1" Mesh Fabric, Add	90.08	
		For 1-1/4" Mesh Fabric, Add	57.98	
		For 1-3/4" Mesh Fabric, Add	36.03	
		For 2-1/8" Mesh Fabric, Deduct	-18.02	
		For Gate With Single Barb Wire Arm, Add	22.78	
		For Gate With Double Barb Wire Arm, Add	33.13	
32 31 13 13-0490	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	355.52	40.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-43.68	
		For 1" Mesh Fabric, Add	101.34	
		For 1-1/4" Mesh Fabric, Add	65.23	
		For 1-3/4" Mesh Fabric, Add	40.54	
		For 2-1/8" Mesh Fabric, Deduct	-20.27	
		For Gate With Single Barb Wire Arm, Add	25.63	
		For Gate With Double Barb Wire Arm, Add	37.27	
32 31 13 13-0491	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	401.56	47.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-48.53	
		For 1" Mesh Fabric, Add	112.60	
		For 1-1/4" Mesh Fabric, Add	72.48	
		For 1-3/4" Mesh Fabric, Add	45.04	
		For 2-1/8" Mesh Fabric, Deduct	-22.52	
		For Gate With Single Barb Wire Arm, Add	28.47	
		For Gate With Double Barb Wire Arm, Add	41.41	
32 31 13 13-0492	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	448.41	54.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.39	
		For 1" Mesh Fabric, Add	123.85	
		For 1-1/4" Mesh Fabric, Add	79.72	
		For 1-3/4" Mesh Fabric, Add	49.54	
		For 2-1/8" Mesh Fabric, Deduct	-24.77	
		For Gate With Single Barb Wire Arm, Add	31.32	
		For Gate With Double Barb Wire Arm, Add	45.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0493	EA 10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	495.25	61.52
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-58.24	
			For 1" Mesh Fabric, Add	135.12	
			For 1-1/4" Mesh Fabric, Add	86.97	
			For 1-3/4" Mesh Fabric, Add	54.05	
			For 2-1/8" Mesh Fabric, Deduct	-27.02	
			For Gate With Single Barb Wire Arm, Add	34.17	
			For Gate With Double Barb Wire Arm, Add	49.70	
32 31	13	13-0494	EA 10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	678.63	70.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-87.36	
			For 1" Mesh Fabric, Add	202.67	
			For 1-1/4" Mesh Fabric, Add	130.45	
			For 1-3/4" Mesh Fabric, Add	81.07	
			For 2-1/8" Mesh Fabric, Deduct	-40.53	
			For Gate With Single Barb Wire Arm, Add	51.25	
			For Gate With Double Barb Wire Arm, Add	74.55	
32 31	13	13-0495	EA 12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	788.17	76.32
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-104.83	
			For 1" Mesh Fabric, Add	243.20	
			For 1-1/4" Mesh Fabric, Add	156.55	
			For 1-3/4" Mesh Fabric, Add	97.28	
			For 2-1/8" Mesh Fabric, Deduct	-48.64	
			For Gate With Single Barb Wire Arm, Add	61.50	
			For Gate With Double Barb Wire Arm, Add	89.45	
32 31	13	13-0496	EA 14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	900.43	82.64
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-122.30	
			For 1" Mesh Fabric, Add	283.74	
			For 1-1/4" Mesh Fabric, Add	182.64	
			For 1-3/4" Mesh Fabric, Add	113.49	
			For 2-1/8" Mesh Fabric, Deduct	-56.75	
			For Gate With Single Barb Wire Arm, Add	71.75	
			For Gate With Double Barb Wire Arm, Add	104.36	
32 31	13	13-0497	EA 16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,016.18	90.18
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-139.77	
			For 1" Mesh Fabric, Add	324.27	
			For 1-1/4" Mesh Fabric, Add	208.73	
			For 1-3/4" Mesh Fabric, Add	129.71	
			For 2-1/8" Mesh Fabric, Deduct	-64.85	
			For Gate With Single Barb Wire Arm, Add	82.00	
			For Gate With Double Barb Wire Arm, Add	119.27	
32 31	13	13-0498	EA 18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,136.43	99.21
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-157.24	
			For 1" Mesh Fabric, Add	364.80	
			For 1-1/4" Mesh Fabric, Add	234.82	
			For 1-3/4" Mesh Fabric, Add	145.92	
			For 2-1/8" Mesh Fabric, Deduct	-72.96	
			For Gate With Single Barb Wire Arm, Add	92.25	
			For Gate With Double Barb Wire Arm, Add	134.18	
32 31	13	13-0499	EA 20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,262.70	110.18
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-174.71	
			For 1" Mesh Fabric, Add	405.34	
			For 1-1/4" Mesh Fabric, Add	260.91	
			For 1-3/4" Mesh Fabric, Add	162.13	
			For 2-1/8" Mesh Fabric, Deduct	-81.07	
			For Gate With Single Barb Wire Arm, Add	102.50	
			For Gate With Double Barb Wire Arm, Add	149.09	
32 31	13	13-0500	EA 22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,397.24	123.96
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-192.19	
			For 1" Mesh Fabric, Add	445.87	
			For 1-1/4" Mesh Fabric, Add	287.00	
			For 1-3/4" Mesh Fabric, Add	178.35	
			For 2-1/8" Mesh Fabric, Deduct	-89.17	
			For Gate With Single Barb Wire Arm, Add	112.75	
			For Gate With Double Barb Wire Arm, Add	164.00	
32 31	13	13-0501	EA 24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,543.60	141.65
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-209.66	
			For 1" Mesh Fabric, Add	486.40	
			For 1-1/4" Mesh Fabric, Add	313.09	
			For 1-3/4" Mesh Fabric, Add	194.56	
			For 2-1/8" Mesh Fabric, Deduct	-97.28	
			For Gate With Single Barb Wire Arm, Add	123.00	
			For Gate With Double Barb Wire Arm, Add	178.91	
32 31	13	13-0502	EA 26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,707.69	165.28
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-227.13	
			For 1" Mesh Fabric, Add	526.94	
			For 1-1/4" Mesh Fabric, Add	339.18	
			For 1-3/4" Mesh Fabric, Add	210.78	
			For 2-1/8" Mesh Fabric, Deduct	-105.39	
			For Gate With Single Barb Wire Arm, Add	133.25	
			For Gate With Double Barb Wire Arm, Add	193.82	
32 31	13	13-0503	EA 28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,900.14	198.32
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-244.60	
			For 1" Mesh Fabric, Add	567.47	
			For 1-1/4" Mesh Fabric, Add	365.27	
			For 1-3/4" Mesh Fabric, Add	226.99	
			For 2-1/8" Mesh Fabric, Deduct	-113.49	
			For Gate With Single Barb Wire Arm, Add	143.50	
			For Gate With Double Barb Wire Arm, Add	208.73	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0504	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,142.22	247.92
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-262.07	
		<i>For 1" Mesh Fabric, Add</i>	608.01	
		<i>For 1-1/4" Mesh Fabric, Add</i>	391.36	
		<i>For 1-3/4" Mesh Fabric, Add</i>	243.20	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-121.60	
		<i>For Gate With Single Barb Wire Arm, Add</i>	153.75	
		<i>For Gate With Double Barb Wire Arm, Add</i>	223.64	
32 31 13 13-0505		10' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0506	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	224.71	29.84
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-25.34	
		<i>For 1" Mesh Fabric, Add</i>	58.78	
		<i>For 1-1/4" Mesh Fabric, Add</i>	37.83	
		<i>For 1-3/4" Mesh Fabric, Add</i>	23.51	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-11.76	
		<i>For Gate With Single Barb Wire Arm, Add</i>	14.86	
		<i>For Gate With Double Barb Wire Arm, Add</i>	21.62	
32 31 13 13-0507	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	269.75	29.84
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-33.78	
		<i>For 1" Mesh Fabric, Add</i>	78.37	
		<i>For 1-1/4" Mesh Fabric, Add</i>	50.44	
		<i>For 1-3/4" Mesh Fabric, Add</i>	31.35	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-15.67	
		<i>For Gate With Single Barb Wire Arm, Add</i>	19.82	
		<i>For Gate With Double Barb Wire Arm, Add</i>	28.83	
32 31 13 13-0508	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	303.72	31.12
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-39.41	
		<i>For 1" Mesh Fabric, Add</i>	91.43	
		<i>For 1-1/4" Mesh Fabric, Add</i>	58.85	
		<i>For 1-3/4" Mesh Fabric, Add</i>	36.57	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.29	
		<i>For Gate With Single Barb Wire Arm, Add</i>	23.12	
		<i>For Gate With Double Barb Wire Arm, Add</i>	33.63	
32 31 13 13-0509	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	356.32	38.70
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-45.04	
		<i>For 1" Mesh Fabric, Add</i>	104.49	
		<i>For 1-1/4" Mesh Fabric, Add</i>	67.26	
		<i>For 1-3/4" Mesh Fabric, Add</i>	41.80	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-20.90	
		<i>For Gate With Single Barb Wire Arm, Add</i>	26.42	
		<i>For Gate With Double Barb Wire Arm, Add</i>	38.43	
32 31 13 13-0510	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	408.12	45.88
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-50.67	
		<i>For 1" Mesh Fabric, Add</i>	117.55	
		<i>For 1-1/4" Mesh Fabric, Add</i>	75.67	
		<i>For 1-3/4" Mesh Fabric, Add</i>	47.02	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-23.51	
		<i>For Gate With Single Barb Wire Arm, Add</i>	29.73	
		<i>For Gate With Double Barb Wire Arm, Add</i>	43.24	
32 31 13 13-0511	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	460.72	53.46
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.30	
		<i>For 1" Mesh Fabric, Add</i>	130.62	
		<i>For 1-1/4" Mesh Fabric, Add</i>	84.08	
		<i>For 1-3/4" Mesh Fabric, Add</i>	52.25	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.12	
		<i>For Gate With Single Barb Wire Arm, Add</i>	33.03	
		<i>For Gate With Double Barb Wire Arm, Add</i>	48.04	
32 31 13 13-0512	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	512.52	60.72
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.93	
		<i>For 1" Mesh Fabric, Add</i>	143.68	
		<i>For 1-1/4" Mesh Fabric, Add</i>	92.48	
		<i>For 1-3/4" Mesh Fabric, Add</i>	57.47	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-28.74	
		<i>For Gate With Single Barb Wire Arm, Add</i>	36.33	
		<i>For Gate With Double Barb Wire Arm, Add</i>	52.85	
32 31 13 13-0513	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	565.12	68.22
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-67.56	
		<i>For 1" Mesh Fabric, Add</i>	156.74	
		<i>For 1-1/4" Mesh Fabric, Add</i>	100.89	
		<i>For 1-3/4" Mesh Fabric, Add</i>	62.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-31.35	
		<i>For Gate With Single Barb Wire Arm, Add</i>	39.64	
		<i>For Gate With Double Barb Wire Arm, Add</i>	57.65	
32 31 13 13-0514	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	776.82	78.73
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-101.34	
		<i>For 1" Mesh Fabric, Add</i>	235.10	
		<i>For 1-1/4" Mesh Fabric, Add</i>	151.33	
		<i>For 1-3/4" Mesh Fabric, Add</i>	94.04	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-47.02	
		<i>For Gate With Single Barb Wire Arm, Add</i>	59.45	
		<i>For Gate With Double Barb Wire Arm, Add</i>	86.48	
32 31 13 13-0515	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	903.01	84.69
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-121.61	
		<i>For 1" Mesh Fabric, Add</i>	282.13	
		<i>For 1-1/4" Mesh Fabric, Add</i>	181.60	
		<i>For 1-3/4" Mesh Fabric, Add</i>	112.85	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-56.43	
		<i>For Gate With Single Barb Wire Arm, Add</i>	71.34	
		<i>For Gate With Double Barb Wire Arm, Add</i>	103.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0516	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,032.40 -141.87 329.15 211.86 131.66 -65.83 83.23 121.07	91.85
32 31 13	13-0517	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,165.45 -162.14 376.17 242.13 150.47 -75.23 95.12 138.36	100.14
32 31 13	13-0518	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,303.74 -182.41 423.19 272.40 169.28 -84.64 107.01 155.66	110.18
32 31 13	13-0519	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,448.43 -202.68 470.21 302.67 188.09 -94.04 118.90 172.95	122.37
32 31 13	13-0520	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,602.65 -222.95 517.23 332.93 206.89 -103.45 130.79 190.25	137.73
32 31 13	13-0521	EA	24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,769.53 -243.21 564.26 363.20 225.70 -112.85 142.69 207.54	157.28
32 31 13	13-0522	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,956.71 -263.48 611.28 393.46 244.51 -122.26 154.58 224.84	183.61
32 31 13	13-0523	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,174.52 -283.75 658.30 423.73 263.32 -131.66 166.47 242.13	220.18
32 31 13	13-0524	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,448.64 -304.02 705.32 454.00 282.13 -141.06 178.36 259.43	275.47
32 31 13	13-0525		12' Fence Height (32 31 13 13-0404)		
32 31 13	13-0526	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	287.99 -35.33 81.97 52.76 32.79 -16.39 20.73 30.15	33.14
32 31 13	13-0527	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	350.62 -47.08 109.22 70.30 43.69 -21.84 27.62 40.17	33.14

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0528	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	400.88	34.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-55.81	
		For 1" Mesh Fabric, Add	129.49	
		For 1-1/4" Mesh Fabric, Add	83.35	
		For 1-3/4" Mesh Fabric, Add	51.79	
		For 2-1/8" Mesh Fabric, Deduct	-25.90	
		For Gate With Single Barb Wire Arm, Add	32.74	
		For Gate With Double Barb Wire Arm, Add	47.63	
32 31 13 13-0529	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	464.70	42.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-63.09	
		For 1" Mesh Fabric, Add	146.37	
		For 1-1/4" Mesh Fabric, Add	94.22	
		For 1-3/4" Mesh Fabric, Add	58.55	
		For 2-1/8" Mesh Fabric, Deduct	-29.27	
		For Gate With Single Barb Wire Arm, Add	37.01	
		For Gate With Double Barb Wire Arm, Add	53.84	
32 31 13 13-0530	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	532.84	51.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.18	
		For 1" Mesh Fabric, Add	165.14	
		For 1-1/4" Mesh Fabric, Add	106.30	
		For 1-3/4" Mesh Fabric, Add	66.06	
		For 2-1/8" Mesh Fabric, Deduct	-33.03	
		For Gate With Single Barb Wire Arm, Add	41.76	
		For Gate With Double Barb Wire Arm, Add	60.74	
32 31 13 13-0531	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	600.17	59.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-79.27	
		For 1" Mesh Fabric, Add	183.90	
		For 1-1/4" Mesh Fabric, Add	118.38	
		For 1-3/4" Mesh Fabric, Add	73.56	
		For 2-1/8" Mesh Fabric, Deduct	-36.78	
		For Gate With Single Barb Wire Arm, Add	46.50	
		For Gate With Double Barb Wire Arm, Add	67.64	
32 31 13 13-0532	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	668.31	67.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-87.36	
		For 1" Mesh Fabric, Add	202.67	
		For 1-1/4" Mesh Fabric, Add	130.45	
		For 1-3/4" Mesh Fabric, Add	81.07	
		For 2-1/8" Mesh Fabric, Deduct	-40.53	
		For Gate With Single Barb Wire Arm, Add	51.25	
		For Gate With Double Barb Wire Arm, Add	74.55	
32 31 13 13-0533	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	732.13	75.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-94.64	
		For 1" Mesh Fabric, Add	219.56	
		For 1-1/4" Mesh Fabric, Add	141.33	
		For 1-3/4" Mesh Fabric, Add	87.82	
		For 2-1/8" Mesh Fabric, Deduct	-43.91	
		For Gate With Single Barb Wire Arm, Add	55.52	
		For Gate With Double Barb Wire Arm, Add	80.76	
32 31 13 13-0534	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,019.36	87.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-141.91	
		For 1" Mesh Fabric, Add	329.23	
		For 1-1/4" Mesh Fabric, Add	211.92	
		For 1-3/4" Mesh Fabric, Add	131.69	
		For 2-1/8" Mesh Fabric, Deduct	-65.85	
		For Gate With Single Barb Wire Arm, Add	83.25	
		For Gate With Double Barb Wire Arm, Add	121.10	
32 31 13 13-0535	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,215.51	94.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-174.91	
		For 1" Mesh Fabric, Add	405.79	
		For 1-1/4" Mesh Fabric, Add	261.20	
		For 1-3/4" Mesh Fabric, Add	162.32	
		For 2-1/8" Mesh Fabric, Deduct	-81.16	
		For Gate With Single Barb Wire Arm, Add	102.61	
		For Gate With Double Barb Wire Arm, Add	149.26	
32 31 13 13-0536	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,395.57	102.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-204.23	
		For 1" Mesh Fabric, Add	473.80	
		For 1-1/4" Mesh Fabric, Add	304.98	
		For 1-3/4" Mesh Fabric, Add	189.52	
		For 2-1/8" Mesh Fabric, Deduct	-94.76	
		For Gate With Single Barb Wire Arm, Add	119.81	
		For Gate With Double Barb Wire Arm, Add	174.27	
32 31 13 13-0537	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,578.66	111.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-233.34	
		For 1" Mesh Fabric, Add	541.36	
		For 1-1/4" Mesh Fabric, Add	348.46	
		For 1-3/4" Mesh Fabric, Add	216.54	
		For 2-1/8" Mesh Fabric, Deduct	-108.27	
		For Gate With Single Barb Wire Arm, Add	136.90	
		For Gate With Double Barb Wire Arm, Add	199.12	
32 31 13 13-0538	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,765.40	122.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-262.08	
		For 1" Mesh Fabric, Add	608.02	
		For 1-1/4" Mesh Fabric, Add	391.37	
		For 1-3/4" Mesh Fabric, Add	243.21	
		For 2-1/8" Mesh Fabric, Deduct	-121.60	
		For Gate With Single Barb Wire Arm, Add	153.75	
		For Gate With Double Barb Wire Arm, Add	223.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0539	EA		20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,961.21 -291.20 675.57 434.85 270.23 -135.11 170.83 248.49	135.96
32 31 13 13-0540	EA		22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,167.91 -320.31 743.13 478.34 297.25 -148.63 187.92 273.33	152.99
32 31 13 13-0541	EA		24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,388.54 -349.43 810.69 521.82 324.28 -162.14 205.00 298.18	174.77
32 31 13 13-0542	EA		26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,636.89 -379.52 880.50 566.76 352.20 -176.10 222.65 323.86	204.09
32 31 13 13-0543	EA		28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,914.09 -408.64 948.05 610.24 379.22 -189.61 239.74 348.71	244.66
32 31 13 13-0544	EA		30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	3,253.87 -437.76 1,015.61 653.73 406.24 -203.12 256.82 373.56	306.09
32 31 13 13-0545			Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0262)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0629 for additional gate accessories, 32 31 13 13-0697 for gate replacement parts.		
32 31 13 13-0546			4' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0547	EA		10' Long x 4' High Chain Link Galvanized Steel Sliding Gate For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	1,773.02 508.44 327.27 203.37 -101.69 128.57 350.65	302.08
32 31 13 13-0548	EA		12' Long x 4' High Chain Link Galvanized Steel Sliding Gate For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,131.92 610.13 392.73 244.05 -122.03 154.28 420.78	364.71
32 31 13 13-0549	EA		14' Long x 4' High Chain Link Galvanized Steel Sliding Gate For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,487.40 711.81 458.18 284.72 -142.36 180.00 490.91	425.48
32 31 13 13-0550	EA		16' Long x 4' High Chain Link Galvanized Steel Sliding Gate For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,848.18 813.50 523.63 325.40 -162.70 205.71 561.04	489.04

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0551	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,204.23	550.19
		<i>For 1" Mesh Fabric, Add</i>	915.19	
		<i>For 1-1/4" Mesh Fabric, Add</i>	589.09	
		<i>For 1-3/4" Mesh Fabric, Add</i>	366.08	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-183.04	
		<i>For Gate With Barb Wire Arm, Add</i>	231.43	
		<i>For Vinyl Coated, Add</i>	631.16	
32 31 13 13-0552	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,549.01	605.65
		<i>For 1" Mesh Fabric, Add</i>	1,016.88	
		<i>For 1-1/4" Mesh Fabric, Add</i>	654.54	
		<i>For 1-3/4" Mesh Fabric, Add</i>	406.75	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-203.38	
		<i>For Gate With Barb Wire Arm, Add</i>	257.14	
		<i>For Vinyl Coated, Add</i>	701.30	
32 31 13 13-0553	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,243.25	729.33
		<i>For 1" Mesh Fabric, Add</i>	1,211.30	
		<i>For 1-1/4" Mesh Fabric, Add</i>	779.69	
		<i>For 1-3/4" Mesh Fabric, Add</i>	484.52	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-242.26	
		<i>For Gate With Barb Wire Arm, Add</i>	306.30	
		<i>For Vinyl Coated, Add</i>	835.38	
32 31 13 13-0554	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,259.79	1,376.67
		<i>For 1" Mesh Fabric, Add</i>	1,525.31	
		<i>For 1-1/4" Mesh Fabric, Add</i>	981.81	
		<i>For 1-3/4" Mesh Fabric, Add</i>	610.13	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-305.06	
		<i>For Gate With Barb Wire Arm, Add</i>	385.71	
		<i>For Vinyl Coated, Add</i>	1,051.94	
32 31 13 13-0555	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	8,346.39	1,835.56
		<i>For 1" Mesh Fabric, Add</i>	2,033.75	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,309.08	
		<i>For 1-3/4" Mesh Fabric, Add</i>	813.50	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-406.75	
		<i>For Gate With Barb Wire Arm, Add</i>	514.28	
		<i>For Vinyl Coated, Add</i>	1,402.59	

32 31 13 13-0556 5' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)

32 31 13 13-0557	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	1,860.73	328.79
		<i>For 1" Mesh Fabric, Add</i>	523.38	
		<i>For 1-1/4" Mesh Fabric, Add</i>	336.89	
		<i>For 1-3/4" Mesh Fabric, Add</i>	209.35	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-104.68	
		<i>For Gate With Barb Wire Arm, Add</i>	132.35	
		<i>For Vinyl Coated, Add</i>	360.95	
32 31 13 13-0558	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,231.97	394.12
		<i>For 1" Mesh Fabric, Add</i>	628.06	
		<i>For 1-1/4" Mesh Fabric, Add</i>	404.27	
		<i>For 1-3/4" Mesh Fabric, Add</i>	251.22	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-125.61	
		<i>For Gate With Barb Wire Arm, Add</i>	158.82	
		<i>For Vinyl Coated, Add</i>	433.14	
32 31 13 13-0559	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,603.81	459.72
		<i>For 1" Mesh Fabric, Add</i>	732.74	
		<i>For 1-1/4" Mesh Fabric, Add</i>	471.65	
		<i>For 1-3/4" Mesh Fabric, Add</i>	293.09	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-146.55	
		<i>For Gate With Barb Wire Arm, Add</i>	185.29	
		<i>For Vinyl Coated, Add</i>	505.34	
32 31 13 13-0560	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,976.03	525.52
		<i>For 1" Mesh Fabric, Add</i>	837.41	
		<i>For 1-1/4" Mesh Fabric, Add</i>	539.02	
		<i>For 1-3/4" Mesh Fabric, Add</i>	334.96	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-167.48	
		<i>For Gate With Barb Wire Arm, Add</i>	211.76	
		<i>For Vinyl Coated, Add</i>	577.52	
32 31 13 13-0561	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,347.83	591.04
		<i>For 1" Mesh Fabric, Add</i>	942.08	
		<i>For 1-1/4" Mesh Fabric, Add</i>	606.40	
		<i>For 1-3/4" Mesh Fabric, Add</i>	376.83	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-188.42	
		<i>For Gate With Barb Wire Arm, Add</i>	238.23	
		<i>For Vinyl Coated, Add</i>	649.71	
32 31 13 13-0562	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,719.86	656.74
		<i>For 1" Mesh Fabric, Add</i>	1,046.76	
		<i>For 1-1/4" Mesh Fabric, Add</i>	673.78	
		<i>For 1-3/4" Mesh Fabric, Add</i>	418.70	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-209.35	
		<i>For Gate With Barb Wire Arm, Add</i>	264.70	
		<i>For Vinyl Coated, Add</i>	721.91	
32 31 13 13-0563	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,444.44	788.99
		<i>For 1" Mesh Fabric, Add</i>	1,246.90	
		<i>For 1-1/4" Mesh Fabric, Add</i>	802.60	
		<i>For 1-3/4" Mesh Fabric, Add</i>	498.76	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-249.38	
		<i>For Gate With Barb Wire Arm, Add</i>	315.31	
		<i>For Vinyl Coated, Add</i>	859.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
32 31 13 13-0564	EA		30' Long x 5' High Chain Link Galvanized Steel Sliding Gate.....	5,580.13	985.35
			For 1" Mesh Fabric, Add	1,570.14	
			For 1-1/4" Mesh Fabric, Add	1,010.67	
			For 1-3/4" Mesh Fabric, Add	628.06	
			For 2-1/8" Mesh Fabric, Deduct	-314.03	
			For Gate With Barb Wire Arm, Add	397.05	
			For Vinyl Coated, Add	1,082.86	
32 31 13 13-0565	EA		40' Long x 5' High Chain Link Galvanized Steel Sliding Gate.....	7,439.72	1,313.48
			For 1" Mesh Fabric, Add	2,093.52	
			For 1-1/4" Mesh Fabric, Add	1,347.55	
			For 1-3/4" Mesh Fabric, Add	837.41	
			For 2-1/8" Mesh Fabric, Deduct	-418.70	
			For Gate With Barb Wire Arm, Add	529.40	
			For Vinyl Coated, Add	1,443.81	
32 31 13 13-0566			6' High Chain Link Galvanized Steel Sliding Gate (22 31 13 13-0545)		
32 31 13 13-0567	EA		10' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	1,998.08	385.46
			For 1" Mesh Fabric, Add	533.84	
			For 1-1/4" Mesh Fabric, Add	343.62	
			For 1-3/4" Mesh Fabric, Add	213.54	
			For 2-1/8" Mesh Fabric, Deduct	-106.77	
			For Gate With Barb Wire Arm, Add	134.99	
			For Vinyl Coated, Add	368.17	
32 31 13 13-0568	EA		12' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	2,394.98	461.12
			For 1" Mesh Fabric, Add	640.61	
			For 1-1/4" Mesh Fabric, Add	412.34	
			For 1-3/4" Mesh Fabric, Add	256.24	
			For 2-1/8" Mesh Fabric, Deduct	-128.12	
			For Gate With Barb Wire Arm, Add	161.99	
			For Vinyl Coated, Add	441.80	
32 31 13 13-0569	EA		14' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	2,793.97	537.90
			For 1" Mesh Fabric, Add	747.38	
			For 1-1/4" Mesh Fabric, Add	481.07	
			For 1-3/4" Mesh Fabric, Add	298.95	
			For 2-1/8" Mesh Fabric, Deduct	-149.48	
			For Gate With Barb Wire Arm, Add	188.99	
			For Vinyl Coated, Add	515.43	
32 31 13 13-0570	EA		16' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	3,193.31	614.86
			For 1" Mesh Fabric, Add	854.14	
			For 1-1/4" Mesh Fabric, Add	549.79	
			For 1-3/4" Mesh Fabric, Add	341.66	
			For 2-1/8" Mesh Fabric, Deduct	-170.83	
			For Gate With Barb Wire Arm, Add	215.99	
			For Vinyl Coated, Add	589.07	
32 31 13 13-0571	EA		18' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	3,592.31	691.64
			For 1" Mesh Fabric, Add	960.92	
			For 1-1/4" Mesh Fabric, Add	618.52	
			For 1-3/4" Mesh Fabric, Add	384.37	
			For 2-1/8" Mesh Fabric, Deduct	-192.18	
			For Gate With Barb Wire Arm, Add	242.99	
			For Vinyl Coated, Add	662.70	
32 31 13 13-0572	EA		20' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	3,996.48	771.02
			For 1" Mesh Fabric, Add	1,067.68	
			For 1-1/4" Mesh Fabric, Add	687.24	
			For 1-3/4" Mesh Fabric, Add	427.07	
			For 2-1/8" Mesh Fabric, Deduct	-213.54	
			For Gate With Barb Wire Arm, Add	269.99	
			For Vinyl Coated, Add	736.33	
32 31 13 13-0573	EA		24' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	4,768.37	922.35
			For 1" Mesh Fabric, Add	1,271.82	
			For 1-1/4" Mesh Fabric, Add	818.64	
			For 1-3/4" Mesh Fabric, Add	508.73	
			For 2-1/8" Mesh Fabric, Deduct	-254.36	
			For Gate With Barb Wire Arm, Add	321.61	
			For Vinyl Coated, Add	877.12	
32 31 13 13-0574	EA		30' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	5,988.03	1,153.23
			For 1" Mesh Fabric, Add	1,601.52	
			For 1-1/4" Mesh Fabric, Add	1,030.86	
			For 1-3/4" Mesh Fabric, Add	640.61	
			For 2-1/8" Mesh Fabric, Deduct	-320.30	
			For Gate With Barb Wire Arm, Add	404.98	
			For Vinyl Coated, Add	1,104.50	
32 31 13 13-0575	EA		40' Long x 6' High Chain Link Galvanized Steel Sliding Gate.....	7,982.78	1,536.92
			For 1" Mesh Fabric, Add	2,135.36	
			For 1-1/4" Mesh Fabric, Add	1,374.49	
			For 1-3/4" Mesh Fabric, Add	854.15	
			For 2-1/8" Mesh Fabric, Deduct	-427.07	
			For Gate With Barb Wire Arm, Add	539.98	
			For Vinyl Coated, Add	1,472.66	
32 31 13 13-0576			7' High Chain Link Galvanized Steel Sliding Gate (22 31 13 13-0545)		
32 31 13 13-0577	EA		10' Long x 7' High Chain Link Galvanized Steel Sliding Gate.....	2,135.21	429.95
			For 1" Mesh Fabric, Add	554.76	
			For 1-1/4" Mesh Fabric, Add	357.09	
			For 1-3/4" Mesh Fabric, Add	221.91	
			For 2-1/8" Mesh Fabric, Deduct	-110.95	
			For Gate With Barb Wire Arm, Add	140.29	
			For Vinyl Coated, Add	382.60	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0578	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	2,561.59	515.57
		<i>For 1" Mesh Fabric, Add</i>	665.73	
		<i>For 1-1/4" Mesh Fabric, Add</i>	428.52	
		<i>For 1-3/4" Mesh Fabric, Add</i>	266.29	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-133.15	
		<i>For Gate With Barb Wire Arm, Add</i>	168.35	
		<i>For Vinyl Coated, Add</i>	459.13	
32 31 13 13-0579	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	2,989.34	601.93
		<i>For 1" Mesh Fabric, Add</i>	776.66	
		<i>For 1-1/4" Mesh Fabric, Add</i>	499.92	
		<i>For 1-3/4" Mesh Fabric, Add</i>	310.66	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-155.33	
		<i>For Gate With Barb Wire Arm, Add</i>	196.40	
		<i>For Vinyl Coated, Add</i>	535.63	
32 31 13 13-0580	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,415.63	687.55
		<i>For 1" Mesh Fabric, Add</i>	887.62	
		<i>For 1-1/4" Mesh Fabric, Add</i>	571.34	
		<i>For 1-3/4" Mesh Fabric, Add</i>	355.05	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-177.52	
		<i>For Gate With Barb Wire Arm, Add</i>	224.46	
		<i>For Vinyl Coated, Add</i>	612.15	
32 31 13 13-0581	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,842.73	773.63
		<i>For 1" Mesh Fabric, Add</i>	998.57	
		<i>For 1-1/4" Mesh Fabric, Add</i>	642.76	
		<i>For 1-3/4" Mesh Fabric, Add</i>	399.43	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-199.71	
		<i>For Gate With Barb Wire Arm, Add</i>	252.51	
		<i>For Vinyl Coated, Add</i>	688.67	
32 31 13 13-0582	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,269.24	859.33
		<i>For 1" Mesh Fabric, Add</i>	1,109.52	
		<i>For 1-1/4" Mesh Fabric, Add</i>	714.18	
		<i>For 1-3/4" Mesh Fabric, Add</i>	443.81	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-221.90	
		<i>For Gate With Barb Wire Arm, Add</i>	280.57	
		<i>For Vinyl Coated, Add</i>	765.19	
32 31 13 13-0583	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,100.62	1,031.13
		<i>For 1" Mesh Fabric, Add</i>	1,321.66	
		<i>For 1-1/4" Mesh Fabric, Add</i>	850.72	
		<i>For 1-3/4" Mesh Fabric, Add</i>	528.66	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-264.33	
		<i>For Gate With Barb Wire Arm, Add</i>	334.21	
		<i>For Vinyl Coated, Add</i>	911.49	
32 31 13 13-0584	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,403.84	1,288.92
		<i>For 1" Mesh Fabric, Add</i>	1,664.28	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,071.26	
		<i>For 1-3/4" Mesh Fabric, Add</i>	665.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-332.86	
		<i>For Gate With Barb Wire Arm, Add</i>	420.85	
		<i>For Vinyl Coated, Add</i>	1,147.78	
32 31 13 13-0585	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,538.45	1,718.58
		<i>For 1" Mesh Fabric, Add</i>	2,219.04	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,428.35	
		<i>For 1-3/4" Mesh Fabric, Add</i>	887.62	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-443.81	
		<i>For Gate With Barb Wire Arm, Add</i>	561.14	
		<i>For Vinyl Coated, Add</i>	1,530.38	

32 31 13 13-0586 8' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0545)

32 31 13 13-0587	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	2,244.65	465.78
		<i>For 1" Mesh Fabric, Add</i>	571.20	
		<i>For 1-1/4" Mesh Fabric, Add</i>	367.67	
		<i>For 1-3/4" Mesh Fabric, Add</i>	228.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-114.24	
		<i>For Gate With Barb Wire Arm, Add</i>	144.44	
		<i>For Vinyl Coated, Add</i>	393.93	
32 31 13 13-0588	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	2,690.91	557.63
		<i>For 1" Mesh Fabric, Add</i>	685.44	
		<i>For 1-1/4" Mesh Fabric, Add</i>	441.20	
		<i>For 1-3/4" Mesh Fabric, Add</i>	274.18	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-137.09	
		<i>For Gate With Barb Wire Arm, Add</i>	173.33	
		<i>For Vinyl Coated, Add</i>	472.72	
32 31 13 13-0589	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,139.46	650.60
		<i>For 1" Mesh Fabric, Add</i>	799.68	
		<i>For 1-1/4" Mesh Fabric, Add</i>	514.74	
		<i>For 1-3/4" Mesh Fabric, Add</i>	319.87	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-159.94	
		<i>For Gate With Barb Wire Arm, Add</i>	202.22	
		<i>For Vinyl Coated, Add</i>	551.50	
32 31 13 13-0590	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,588.17	743.56
		<i>For 1" Mesh Fabric, Add</i>	913.92	
		<i>For 1-1/4" Mesh Fabric, Add</i>	588.27	
		<i>For 1-3/4" Mesh Fabric, Add</i>	365.57	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-182.78	
		<i>For Gate With Barb Wire Arm, Add</i>	231.11	
		<i>For Vinyl Coated, Add</i>	630.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0591	EA		18' Long x 8' High Chain Link Galvanized Steel Sliding Gate.....	4,035.86	836.17
			For 1" Mesh Fabric, Add	1,028.16	
			For 1-1/4" Mesh Fabric, Add	661.80	
			For 1-3/4" Mesh Fabric, Add	411.26	
			For 2-1/8" Mesh Fabric, Deduct	-205.63	
			For Gate With Barb Wire Arm, Add	259.99	
			For Vinyl Coated, Add	709.07	
32 31 13 13-0592	EA		20' Long x 8' High Chain Link Galvanized Steel Sliding Gate.....	4,484.66	929.23
			For 1" Mesh Fabric, Add	1,142.40	
			For 1-1/4" Mesh Fabric, Add	735.34	
			For 1-3/4" Mesh Fabric, Add	456.96	
			For 2-1/8" Mesh Fabric, Deduct	-228.48	
			For Gate With Barb Wire Arm, Add	288.88	
			For Vinyl Coated, Add	787.86	
32 31 13 13-0593	EA		24' Long x 8' High Chain Link Galvanized Steel Sliding Gate.....	5,358.69	1,115.16
			For 1" Mesh Fabric, Add	1,360.82	
			For 1-1/4" Mesh Fabric, Add	875.93	
			For 1-3/4" Mesh Fabric, Add	544.33	
			For 2-1/8" Mesh Fabric, Deduct	-272.16	
			For Gate With Barb Wire Arm, Add	344.12	
			For Vinyl Coated, Add	938.50	
32 31 13 13-0594	EA		30' Long x 8' High Chain Link Galvanized Steel Sliding Gate.....	6,727.69	1,394.17
			For 1" Mesh Fabric, Add	1,713.60	
			For 1-1/4" Mesh Fabric, Add	1,103.00	
			For 1-3/4" Mesh Fabric, Add	685.44	
			For 2-1/8" Mesh Fabric, Deduct	-342.72	
			For Gate With Barb Wire Arm, Add	433.32	
			For Vinyl Coated, Add	1,181.79	
32 31 13 13-0595	EA		40' Long x 8' High Chain Link Galvanized Steel Sliding Gate.....	8,967.46	1,857.53
			For 1" Mesh Fabric, Add	2,284.79	
			For 1-1/4" Mesh Fabric, Add	1,470.67	
			For 1-3/4" Mesh Fabric, Add	913.92	
			For 2-1/8" Mesh Fabric, Deduct	-456.96	
			For Gate With Barb Wire Arm, Add	577.76	
			For Vinyl Coated, Add	1,575.72	
32 31 13 13-0596			9' High Chain Link Galvanized Steel Sliding Gate (22 31 13 13-0545)		
32 31 13 13-0597	EA		10' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	2,373.99	508.12
			For 1" Mesh Fabric, Add	590.62	
			For 1-1/4" Mesh Fabric, Add	380.17	
			For 1-3/4" Mesh Fabric, Add	236.25	
			For 2-1/8" Mesh Fabric, Deduct	-118.12	
			For Gate With Barb Wire Arm, Add	149.35	
			For Vinyl Coated, Add	407.33	
32 31 13 13-0598	EA		12' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	2,845.02	607.89
			For 1" Mesh Fabric, Add	708.75	
			For 1-1/4" Mesh Fabric, Add	456.21	
			For 1-3/4" Mesh Fabric, Add	283.50	
			For 2-1/8" Mesh Fabric, Deduct	-141.75	
			For Gate With Barb Wire Arm, Add	179.22	
			For Vinyl Coated, Add	488.79	
32 31 13 13-0599	EA		14' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	3,318.96	709.04
			For 1" Mesh Fabric, Add	826.87	
			For 1-1/4" Mesh Fabric, Add	532.24	
			For 1-3/4" Mesh Fabric, Add	330.75	
			For 2-1/8" Mesh Fabric, Deduct	-165.37	
			For Gate With Barb Wire Arm, Add	209.09	
			For Vinyl Coated, Add	570.26	
32 31 13 13-0600	EA		16' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	3,793.71	810.66
			For 1" Mesh Fabric, Add	945.00	
			For 1-1/4" Mesh Fabric, Add	608.27	
			For 1-3/4" Mesh Fabric, Add	378.00	
			For 2-1/8" Mesh Fabric, Deduct	-189.00	
			For Gate With Barb Wire Arm, Add	238.97	
			For Vinyl Coated, Add	651.72	
32 31 13 13-0601	EA		18' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	4,267.82	911.92
			For 1" Mesh Fabric, Add	1,063.12	
			For 1-1/4" Mesh Fabric, Add	684.31	
			For 1-3/4" Mesh Fabric, Add	425.25	
			For 2-1/8" Mesh Fabric, Deduct	-212.62	
			For Gate With Barb Wire Arm, Add	268.84	
			For Vinyl Coated, Add	733.19	
32 31 13 13-0602	EA		20' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	4,741.92	1,013.17
			For 1" Mesh Fabric, Add	1,181.25	
			For 1-1/4" Mesh Fabric, Add	760.35	
			For 1-3/4" Mesh Fabric, Add	472.50	
			For 2-1/8" Mesh Fabric, Deduct	-236.25	
			For Gate With Barb Wire Arm, Add	298.71	
			For Vinyl Coated, Add	814.66	
32 31 13 13-0603	EA		24' Long x 9' High Chain Link Galvanized Steel Sliding Gate.....	5,666.12	1,215.67
			For 1" Mesh Fabric, Add	1,407.10	
			For 1-1/4" Mesh Fabric, Add	905.72	
			For 1-3/4" Mesh Fabric, Add	562.84	
			For 2-1/8" Mesh Fabric, Deduct	-281.42	
			For Gate With Barb Wire Arm, Add	355.82	
			For Vinyl Coated, Add	970.41	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0604	EA 30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,112.04	1,519.43
	For 1" Mesh Fabric, Add	1,771.87	
	For 1-1/4" Mesh Fabric, Add	1,140.52	
	For 1-3/4" Mesh Fabric, Add	708.75	
	For 2-1/8" Mesh Fabric, Deduct	-354.37	
	For Gate With Barb Wire Arm, Add	448.06	
	For Vinyl Coated, Add	1,221.98	
32 31 13 13-0605	EA 40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,486.04	2,027.55
	For 1" Mesh Fabric, Add	2,362.50	
	For 1-1/4" Mesh Fabric, Add	1,520.69	
	For 1-3/4" Mesh Fabric, Add	945.00	
	For 2-1/8" Mesh Fabric, Deduct	-472.50	
	For Gate With Barb Wire Arm, Add	597.41	
	For Vinyl Coated, Add	1,629.31	
32 31 13 13-0606	10' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0607	EA 10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	2,534.02	558.93
	For 1" Mesh Fabric, Add	616.03	
	For 1-1/4" Mesh Fabric, Add	396.52	
	For 1-3/4" Mesh Fabric, Add	246.41	
	For 2-1/8" Mesh Fabric, Deduct	-123.21	
	For Gate With Barb Wire Arm, Add	155.78	
	For Vinyl Coated, Add	424.85	
32 31 13 13-0608	EA 12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,040.83	670.70
	For 1" Mesh Fabric, Add	739.23	
	For 1-1/4" Mesh Fabric, Add	475.83	
	For 1-3/4" Mesh Fabric, Add	295.69	
	For 2-1/8" Mesh Fabric, Deduct	-147.85	
	For Gate With Barb Wire Arm, Add	186.93	
	For Vinyl Coated, Add	509.82	
32 31 13 13-0609	EA 14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,548.01	782.66
	For 1" Mesh Fabric, Add	862.44	
	For 1-1/4" Mesh Fabric, Add	555.13	
	For 1-3/4" Mesh Fabric, Add	344.98	
	For 2-1/8" Mesh Fabric, Deduct	-172.49	
	For Gate With Barb Wire Arm, Add	218.09	
	For Vinyl Coated, Add	594.79	
32 31 13 13-0610	EA 16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,054.65	894.43
	For 1" Mesh Fabric, Add	985.64	
	For 1-1/4" Mesh Fabric, Add	634.44	
	For 1-3/4" Mesh Fabric, Add	394.26	
	For 2-1/8" Mesh Fabric, Deduct	-197.13	
	For Gate With Barb Wire Arm, Add	249.24	
	For Vinyl Coated, Add	679.76	
32 31 13 13-0611	EA 18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,561.24	1,006.10
	For 1" Mesh Fabric, Add	1,108.85	
	For 1-1/4" Mesh Fabric, Add	713.74	
	For 1-3/4" Mesh Fabric, Add	443.54	
	For 2-1/8" Mesh Fabric, Deduct	-221.77	
	For Gate With Barb Wire Arm, Add	280.40	
	For Vinyl Coated, Add	764.72	
32 31 13 13-0612	EA 20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,068.04	1,117.86
	For 1" Mesh Fabric, Add	1,232.05	
	For 1-1/4" Mesh Fabric, Add	793.05	
	For 1-3/4" Mesh Fabric, Add	492.82	
	For 2-1/8" Mesh Fabric, Deduct	-246.41	
	For Gate With Barb Wire Arm, Add	311.55	
	For Vinyl Coated, Add	849.69	
32 31 13 13-0613	EA 24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,057.69	1,341.96
	For 1" Mesh Fabric, Add	1,467.62	
	For 1-1/4" Mesh Fabric, Add	944.68	
	For 1-3/4" Mesh Fabric, Add	587.05	
	For 2-1/8" Mesh Fabric, Deduct	-293.52	
	For Gate With Barb Wire Arm, Add	371.12	
	For Vinyl Coated, Add	1,012.15	
32 31 13 13-0614	EA 30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,602.06	1,676.80
	For 1" Mesh Fabric, Add	1,848.08	
	For 1-1/4" Mesh Fabric, Add	1,189.57	
	For 1-3/4" Mesh Fabric, Add	739.23	
	For 2-1/8" Mesh Fabric, Deduct	-369.62	
	For Gate With Barb Wire Arm, Add	467.33	
	For Vinyl Coated, Add	1,274.54	
32 31 13 13-0615	EA 40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,133.42	2,234.43
	For 1" Mesh Fabric, Add	2,464.11	
	For 1-1/4" Mesh Fabric, Add	1,586.10	
	For 1-3/4" Mesh Fabric, Add	985.65	
	For 2-1/8" Mesh Fabric, Deduct	-492.82	
	For Gate With Barb Wire Arm, Add	623.11	
	For Vinyl Coated, Add	1,699.39	

32 31 13 13-0616 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller (32 31 13 13-0262)

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0617	EA 5' High x 10' Wide Galvanized Cantilever Sliding Gate.....	4,463.28	372.25
			For 1" Mesh Fabric, Add	1,617.67	
			For 1-1/4" Mesh Fabric, Add	1,041.26	
			For 1-3/4" Mesh Fabric, Add	647.07	
			For 2-1/8" Mesh Fabric, Deduct	-323.53	
			For Gate With Single Barb Wire Arm, Add	409.07	
			For Gate With Double Barb Wire Arm, Add	595.00	
			For Aluminized Steel Gate And Post, Add	1,785.01	
			For Powder Coated Gate And Post, Add	780.94	
			For Vinyl Coated, Add	1,115.63	
32 31	13	13-0618	EA 5' High x 12' Wide Galvanized Cantilever Sliding Gate.....	4,902.54	465.31
			For 1" Mesh Fabric, Add	1,727.79	
			For 1-1/4" Mesh Fabric, Add	1,112.14	
			For 1-3/4" Mesh Fabric, Add	691.11	
			For 2-1/8" Mesh Fabric, Deduct	-345.56	
			For Gate With Single Barb Wire Arm, Add	436.91	
			For Gate With Double Barb Wire Arm, Add	635.51	
			For Aluminized Steel Gate And Post, Add	1,906.52	
			For Powder Coated Gate And Post, Add	834.10	
			For Vinyl Coated, Add	1,191.58	
32 31	13	13-0619	EA 5' High x 15' Wide Galvanized Cantilever Sliding Gate.....	5,345.30	558.37
			For 1" Mesh Fabric, Add	1,839.42	
			For 1-1/4" Mesh Fabric, Add	1,183.99	
			For 1-3/4" Mesh Fabric, Add	735.77	
			For 2-1/8" Mesh Fabric, Deduct	-367.88	
			For Gate With Single Barb Wire Arm, Add	465.14	
			For Gate With Double Barb Wire Arm, Add	676.57	
			For Aluminized Steel Gate And Post, Add	2,029.70	
			For Powder Coated Gate And Post, Add	888.00	
			For Vinyl Coated, Add	1,268.57	
32 31	13	13-0620	EA 5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	6,281.36	744.50
			For 1" Mesh Fabric, Add	2,084.68	
			For 1-1/4" Mesh Fabric, Add	1,341.86	
			For 1-3/4" Mesh Fabric, Add	833.87	
			For 2-1/8" Mesh Fabric, Deduct	-416.94	
			For Gate With Single Barb Wire Arm, Add	527.16	
			For Gate With Double Barb Wire Arm, Add	766.78	
			For Aluminized Steel Gate And Post, Add	2,300.33	
			For Powder Coated Gate And Post, Add	1,006.40	
			For Vinyl Coated, Add	1,437.71	
32 31	13	13-0621	EA 6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	5,843.91	744.50
			For 1" Mesh Fabric, Add	1,894.39	
			For 1-1/4" Mesh Fabric, Add	1,219.37	
			For 1-3/4" Mesh Fabric, Add	757.75	
			For 2-1/8" Mesh Fabric, Deduct	-378.88	
			For Gate With Single Barb Wire Arm, Add	479.04	
			For Gate With Double Barb Wire Arm, Add	696.79	
			For Aluminized Steel Gate And Post, Add	2,090.36	
			For Powder Coated Gate And Post, Add	914.53	
			For Vinyl Coated, Add	1,306.47	
32 31	13	13-0622	EA 6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	6,858.81	977.16
			For 1" Mesh Fabric, Add	2,133.46	
			For 1-1/4" Mesh Fabric, Add	1,373.26	
			For 1-3/4" Mesh Fabric, Add	853.38	
			For 2-1/8" Mesh Fabric, Deduct	-426.69	
			For Gate With Single Barb Wire Arm, Add	539.50	
			For Gate With Double Barb Wire Arm, Add	784.72	
			For Aluminized Steel Gate And Post, Add	2,354.16	
			For Powder Coated Gate And Post, Add	1,029.95	
			For Vinyl Coated, Add	1,471.35	
32 31	13	13-0623	EA 6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	9,085.53	1,209.81
			For 1" Mesh Fabric, Add	2,899.67	
			For 1-1/4" Mesh Fabric, Add	1,866.45	
			For 1-3/4" Mesh Fabric, Add	1,159.87	
			For 2-1/8" Mesh Fabric, Deduct	-579.93	
			For Gate With Single Barb Wire Arm, Add	733.25	
			For Gate With Double Barb Wire Arm, Add	1,066.55	
			For Aluminized Steel Gate And Post, Add	3,199.64	
			For Powder Coated Gate And Post, Add	1,399.84	
			For Vinyl Coated, Add	1,999.77	
32 31	13	13-0624	EA 6' High x 30' Wide Galvanized Cantilever Sliding Gate.....	10,241.60	1,442.47
			For 1" Mesh Fabric, Add	3,200.15	
			For 1-1/4" Mesh Fabric, Add	2,059.86	
			For 1-3/4" Mesh Fabric, Add	1,280.06	
			For 2-1/8" Mesh Fabric, Deduct	-640.03	
			For Gate With Single Barb Wire Arm, Add	809.23	
			For Gate With Double Barb Wire Arm, Add	1,177.07	
			For Aluminized Steel Gate And Post, Add	3,531.20	
			For Powder Coated Gate And Post, Add	1,544.90	
			For Vinyl Coated, Add	2,207.00	
32 31	13	13-0625	EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate.....	6,843.72	930.62
			For 1" Mesh Fabric, Add	2,167.38	
			For 1-1/4" Mesh Fabric, Add	1,395.09	
			For 1-3/4" Mesh Fabric, Add	866.95	
			For 2-1/8" Mesh Fabric, Deduct	-433.48	
			For Gate With Single Barb Wire Arm, Add	548.07	
			For Gate With Double Barb Wire Arm, Add	797.20	
			For Aluminized Steel Gate And Post, Add	2,391.59	
			For Powder Coated Gate And Post, Add	1,046.32	
			For Vinyl Coated, Add	1,494.74	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0626	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate.....	8,123.02	1,256.34
		For 1" Mesh Fabric, Add	2,440.50	
		For 1-1/4" Mesh Fabric, Add	1,570.90	
		For 1-3/4" Mesh Fabric, Add	976.20	
		For 2-1/8" Mesh Fabric, Deduct	-488.10	
		For Gate With Single Barb Wire Arm, Add	617.14	
		For Gate With Double Barb Wire Arm, Add	897.65	
		For Aluminized Steel Gate And Post, Add	2,692.96	
		For Powder Coated Gate And Post, Add	1,178.17	
		For Vinyl Coated, Add	1,683.10	
32 31 13 13-0627	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate.....	10,789.33	1,582.06
		For 1" Mesh Fabric, Add	3,316.97	
		For 1-1/4" Mesh Fabric, Add	2,135.06	
		For 1-3/4" Mesh Fabric, Add	1,326.79	
		For 2-1/8" Mesh Fabric, Deduct	-663.39	
		For Gate With Single Barb Wire Arm, Add	838.77	
		For Gate With Double Barb Wire Arm, Add	1,220.03	
		For Aluminized Steel Gate And Post, Add	3,660.10	
		For Powder Coated Gate And Post, Add	1,601.29	
		For Vinyl Coated, Add	2,287.56	
32 31 13 13-0628	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate.....	12,136.91	1,861.24
		For 1" Mesh Fabric, Add	3,660.27	
		For 1-1/4" Mesh Fabric, Add	2,356.03	
		For 1-3/4" Mesh Fabric, Add	1,464.11	
		For 2-1/8" Mesh Fabric, Deduct	-732.05	
		For Gate With Single Barb Wire Arm, Add	925.59	
		For Gate With Double Barb Wire Arm, Add	1,346.31	
		For Aluminized Steel Gate And Post, Add	4,038.92	
		For Powder Coated Gate And Post, Add	1,767.03	
		For Vinyl Coated, Add	2,524.32	
32 31 13 13-0629		Gate Accessories (32 31 13 13-0629)		
32 31 13 13-0630	EA	Gate Center Stop, Cast Steel, Ground.....	29.53	
32 31 13 13-0631	EA	Gate Latch, Malleable Galvanized Steel.....	34.43	
32 31 13 13-0632	EA	Gate Keeper, Full Length, Galvanized Steel.....	151.85	
32 31 13 13-0633	EA	Gate Keeper Hold-Open For Cantilever Gate.....	73.48	15.32
32 31 13 13-0634	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel.....	42.08	
32 31 13 13-0635	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	782.53	
32 31 13 13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate.....	839.18	
32 31 13 13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate.....	895.84	
32 31 13 13-0638	LF	Aluminum V-Groove Gate Track.....	43.94	8.90
32 31 13 13-0639	LF	Galvanized Steel V-Groove Gate Track.....	36.93	8.90
32 31 13 13-0640		Accessories (32 31 13 13)		
32 31 13 13-0641		Barbed And Concertina Wire (32 31 13 13-0640)		
32 31 13 13-0642		Single Strand Barbed Wire (32 31 13 13-0641)		
32 31 13 13-0643	LF	Galvanized Barbed Wire, Per Strand.....	0.85	0.41
		Note: Includes clips. 4 points 12-1/2 Gauge, Class I.		
		For >500 To 2,000, Deduct	-0.08	
		For >2,000, Deduct	-0.12	
32 31 13 13-0644	LF	Vinyl Coated Barbed Wire (Fused), Per Strand.....	0.94	0.41
		Note: Includes clips.		
		For >500 To 2,000, Deduct	-0.09	
		For >2,000, Deduct	-0.13	
32 31 13 13-0645	EA	Barbed Wire Extension Arms 3 Strands (Single Arm).....	8.90	6.45
32 31 13 13-0646	EA	Barbed Wire Extension Arms 6 Strands (Double Arm).....	13.75	7.74
32 31 13 13-0647	EA	Barbed Wire Eye Tops (For Single Strand).....	9.48	6.45
32 31 13 13-0648		Galvanized Steel Concertina (Razor) Wire, Single Coil (32 31 13 13-0641)		
32 31 13 13-0649	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	2.39	0.56
		For >500 To 1,500, Deduct	-0.22	
		For >1,500 To 5,000, Deduct	-0.44	
		For >5,000, Deduct	-0.64	
		For Ground Installation, Deduct	-0.41	
		For Double Coil (Helix), Add	1.58	
32 31 13 13-0650	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.58	0.56
		For >500 To 1,500, Deduct	-0.33	
		For >1,500 To 5,000, Deduct	-0.66	
		For >5,000, Deduct	-0.96	
		For Ground Installation, Deduct	-0.61	
		For Double Coil (Helix), Add	2.37	
32 31 13 13-0651	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.76	0.56
		For >500 To 1,500, Deduct	-0.44	
		For >1,500 To 5,000, Deduct	-0.88	
		For >5,000, Deduct	-1.27	
		For Ground Installation, Deduct	-0.81	
		For Double Coil (Helix), Add	3.15	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 13-0652	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.43		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.30		
		<i>For >1,500 To 5,000, Deduct</i>	-0.60		
		<i>For >5,000, Deduct</i>	-0.87		
		<i>For Ground Installation, Deduct</i>	-0.45		
		<i>For Double Coil (Helix), Add</i>	2.54		
32 31 13 13-0653	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	5.16		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.45		
		<i>For >1,500 To 5,000, Deduct</i>	-0.91		
		<i>For >5,000, Deduct</i>	-1.30		
		<i>For Ground Installation, Deduct</i>	-0.67		
		<i>For Double Coil (Helix), Add</i>	3.82		
32 31 13 13-0654	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.84		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.60		
		<i>For >1,500 To 5,000, Deduct</i>	-1.20		
		<i>For >5,000, Deduct</i>	-1.72		
		<i>For Ground Installation, Deduct</i>	-0.89		
		<i>For Double Coil (Helix), Add</i>	5.06		
32 31 13 13-0655	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	8.44		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.68		
		<i>For >1,500 To 5,000, Deduct</i>	-1.37		
		<i>For >5,000, Deduct</i>	-1.89		
		<i>For Ground Installation, Deduct</i>	-0.50		
		<i>For Double Coil (Helix), Add</i>	7.44		
32 31 13 13-0656	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	12.75		0.56
		<i>For >500 To 1,500, Deduct</i>	-1.03		
		<i>For >1,500 To 5,000, Deduct</i>	-2.06		
		<i>For >5,000, Deduct</i>	-2.85		
		<i>For Ground Installation, Deduct</i>	-0.76		
		<i>For Double Coil (Helix), Add</i>	11.24		
32 31 13 13-0657	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	16.88		0.56
		<i>For >500 To 1,500, Deduct</i>	-1.37		
		<i>For >1,500 To 5,000, Deduct</i>	-2.73		
		<i>For >5,000, Deduct</i>	-3.78		
		<i>For Ground Installation, Deduct</i>	-1.01		
		<i>For Double Coil (Helix), Add</i>	14.87		
32 31 13 13-0658		Stainless Steel Concertina (Razor) Wire, Single Coil (22 31 13 13-0641)			
32 31 13 13-0659	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.49		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.30		
		<i>For >1,500 To 5,000, Deduct</i>	-0.60		
		<i>For >5,000, Deduct</i>	-0.86		
		<i>For Ground Installation, Deduct</i>	-0.41		
		<i>For Double Coil (Helix), Add</i>	2.68		
32 31 13 13-0660	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	5.26		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.46		
		<i>For >1,500 To 5,000, Deduct</i>	-0.91		
		<i>For >5,000, Deduct</i>	-1.29		
		<i>For Ground Installation, Deduct</i>	-0.61		
		<i>For Double Coil (Helix), Add</i>	4.05		
32 31 13 13-0661	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.96		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.60		
		<i>For >1,500 To 5,000, Deduct</i>	-1.21		
		<i>For >5,000, Deduct</i>	-1.71		
		<i>For Ground Installation, Deduct</i>	-0.81		
		<i>For Double Coil (Helix), Add</i>	5.35		
32 31 13 13-0662	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.36		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.37		
		<i>For >1,500 To 5,000, Deduct</i>	-0.74		
		<i>For >5,000, Deduct</i>	-1.05		
		<i>For Ground Installation, Deduct</i>	-0.45		
		<i>For Double Coil (Helix), Add</i>	3.47		
32 31 13 13-0663	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.58		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.56		
		<i>For >1,500 To 5,000, Deduct</i>	-1.12		
		<i>For >5,000, Deduct</i>	-1.58		
		<i>For Ground Installation, Deduct</i>	-0.67		
		<i>For Double Coil (Helix), Add</i>	5.24		
32 31 13 13-0664	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	8.71		0.56
		<i>For >500 To 1,500, Deduct</i>	-0.74		
		<i>For >1,500 To 5,000, Deduct</i>	-1.48		
		<i>For >5,000, Deduct</i>	-2.10		
		<i>For Ground Installation, Deduct</i>	-0.89		
		<i>For Double Coil (Helix), Add</i>	6.93		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0665	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.98	0.56
			<i>For >500 To 1,500, Deduct</i>	-0.95	
			<i>For >1,500 To 5,000, Deduct</i>	-1.90	
			<i>For >5,000, Deduct</i>	-2.60	
			<i>For Ground Installation, Deduct</i>	-0.50	
			<i>For Double Coil (Helix), Add</i>	10.98	
32 31	13 13-0666	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	18.12	0.56
			<i>For >500 To 1,500, Deduct</i>	-1.43	
			<i>For >1,500 To 5,000, Deduct</i>	-2.87	
			<i>For >5,000, Deduct</i>	-3.93	
			<i>For Ground Installation, Deduct</i>	-0.76	
			<i>For Double Coil (Helix), Add</i>	16.61	
32 31	13 13-0667	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	23.96	0.56
			<i>For >500 To 1,500, Deduct</i>	-1.90	
			<i>For >1,500 To 5,000, Deduct</i>	-3.80	
			<i>For >5,000, Deduct</i>	-5.20	
			<i>For Ground Installation, Deduct</i>	-1.01	
			<i>For Double Coil (Helix), Add</i>	21.95	
32 31	13 13-0668		Grounding For Gates <small>(32 31 13 13-0640)</small> Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31	13 13-0669	OPN	Grounding For Gates (Per Opening).....	395.29	
32 31	13 13-0670		Coiled Spring Reinforcing Wire <small>(32 31 13 13-0640)</small>		
32 31	13 13-0671		Galvanized Steel <small>(32 31 13 13-0670)</small>		
32 31	13 13-0672	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.93	0.41
32 31	13 13-0673		Vinyl Coated Steel <small>(32 31 13 13-0670)</small>		
32 31	13 13-0674	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring.....	0.93	0.41
32 31	13 13-0675		Bending Of Fabric Around Pipe Railings <small>(32 31 13 13-0640)</small> Note: Only where specified.		
32 31	13 13-0676	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.31	
32 31	13 13-0677	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.14	
32 31	13 13-0678		Mounting Plate With Anchors Or Bolts <small>(32 31 13 13-0640)</small> Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31	13 13-0679	EA	Mounting Plate For 1-5/8" Diameter Post.....	31.13	
32 31	13 13-0680	EA	Mounting Plate For 2" Diameter Post.....	31.58	
32 31	13 13-0681	EA	Mounting Plate For 2-1/2" Diameter Post.....	32.55	
32 31	13 13-0682	EA	Mounting Plate For 3" Diameter Post.....	38.78	
32 31	13 13-0683	EA	Mounting Plate For 4" Diameter Post.....	44.32	
32 31	13 13-0684	EA	Mounting Plate For 6-5/8" Diameter Post.....	50.99	
32 31	13 13-0685	EA	Mounting Plate For 8-5/8" Diameter Post.....	59.76	
32 31	13 13-0686		Tension Bar <small>(32 31 13 13-0640)</small>		
32 31	13 13-0687	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	11.52	
32 31	13 13-0688	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	12.23	
32 31	13 13-0689	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	14.63	
32 31	13 13-0690	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.77	
32 31	13 13-0691	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	19.54	
32 31	13 13-0692	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	22.42	
32 31	13 13-0693	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	25.27	
32 31	13 13-0694	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	29.95	
32 31	13 13-0695	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	35.77	
32 31	13 13-0696		Fence And Gate Repair And Replacement <small>(32 31 13 13)</small>		
32 31	13 13-0697		Fence And Gate Parts Replacement <small>(32 31 13 13-0696)</small>		
32 31	13 13-0698	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	90.15	
32 31	13 13-0699	EA	Sliding Gate Roller Assembly Replacement	90.40	
32 31	13 13-0700	EA	Rod And Lock Gate Keeper Replacement	88.54	
32 31	13 13-0701	EA	Galvanized Gate Holdback Replacement	21.38	
32 31	13 13-0702	LF	3/8" Cross Bracing Rod Replacement.....	1.18	
32 31	13 13-0703	LF	1-5/8" Diagonal Pipe Bracing Replacement	1.80	
32 31	13 13-0704	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	18.07	
32 31	13 13-0705	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	20.89	
32 31	13 13-0706	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	23.70	
32 31	13 13-0707	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	34.65	
32 31	13 13-0708	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	71.33	
32 31	13 13-0709	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	19.26	
32 31	13 13-0710	EA	3" x 2" Off Set Gate Hinge Replacement	20.12	
32 31	13 13-0711	EA	4" x 2" Off Set Gate Hinge Replacement	21.50	
32 31	13 13-0712	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	33.58	
32 31	13 13-0713	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	51.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 31 13 13-0714	EA		1-5/8" Aluminum Die-Cast Post Cap Replacement.....	4.58	
32 31 13 13-0715	EA		2" Aluminum Die-Cast Post Cap Replacement.....	5.03	
32 31 13 13-0716	EA		2-1/2" Aluminum Die-Cast Post Cap Replacement.....	5.80	
32 31 13 13-0717	EA		3" Aluminum Die-Cast Post Cap Replacement.....	6.71	
32 31 13 13-0718	EA		2" Galvanized Post Cap Replacement.....	5.11	
32 31 13 13-0719	EA		2-1/2" Galvanized Post Cap Replacement.....	5.54	
32 31 13 13-0720	EA		3" Galvanized Post Cap Replacement.....	6.31	
32 31 13 13-0721	EA		4" Galvanized Post Cap Replacement.....	8.96	
32 31 13 13-0722	EA		6-5/8" Galvanized Post Cap Replacement.....	15.76	
32 31 13 13-0723	EA		8-5/8" Galvanized Post Cap Replacement.....	25.36	
32 31 13 13-0724	EA		1-5/8" Boulevard Clamp Replacement.....	8.66	
32 31 13 13-0725	EA		2" Boulevard Clamp Replacement.....	10.51	
32 31 13 13-0726	EA		2-1/2" Boulevard Clamp Replacement.....	12.35	
32 31 13 13-0727	EA		3" Boulevard Clamp Replacement.....	14.98	
32 31 13 13-0728	EA		1-5/8" Gate Brace Or End Rail Clamp Replacement	8.52	
32 31 13 13-0729	EA		2" Gate Brace Or End Rail Clamp Replacement	10.32	
32 31 13 13-0730	EA		2-1/2" Gate Brace Or End Rail Clamp Replacement	12.16	
32 31 13 13-0731	EA		3" Gate Brace Or End Rail Clamp Replacement	14.78	
32 31 13 13-0732	EA		1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.66	
32 31 13 13-0733	EA		1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.72	
32 31 13 13-0734	EA		2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.88	
32 31 13 13-0735	EA		2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.81	
32 31 13 13-0736	EA		3" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.93	
32 31 13 13-0737	EA		3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	9.03	
32 31 13 13-0738	EA		4" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	9.32	
32 31 13 13-0739	EA		6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	11.46	

32 31 13 13-0740 Remove And Reinstall Chain Link Fences (32 31 13 13)

Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.

32 31 13 13-0741	LF		Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	16.13	
32 31 13 13-0742	LF		Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	24.19	

32 31 16 Welded Wire Fences And Gates (32 31)

32 31 16 00-0001 Welded Wire Fence (32 31 16)

32 31 16 00-0002 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh (32 31 16 00-0001)

Note: Posts 5' on center.

32 31 16 00-0003	LF		3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....	7.87	1.47
32 31 16 00-0004	LF		5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....	8.36	1.47

32 31 16 00-0005 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh (32 31 16 00-0001)

Note: Posts 5' on center.

32 31 16 00-0006	LF		3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....	7.77	1.47
32 31 16 00-0007	LF		5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....	8.21	1.47

32 31 19 Decorative Metal Fences And Gates (32 31)

See CSI section 32 31 13 13-0001 for drilling and grouting.

32 31 19 00-0001 Wrought Iron Fence (32 31 19)

Note: Factory primed.

32 31 19 00-0002 Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center (32 31 19 00-0001)

Note: Factory primed.

32 31 19 00-0003	LF		3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	37.73	8.87
			For Verticals Up To 2" On Center, Add	4.00	
			For Verticals >2" To 2-1/2" On Center, Add	2.00	
			For Verticals >3" To 4" On Center, Deduct	-2.00	
			For Verticals >4" To 6" On Center, Deduct	-4.00	
32 31 19 00-0004	LF		4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	48.28	11.29
			For Verticals Up To 2" On Center, Add	5.30	
			For Verticals >2" To 2-1/2" On Center, Add	2.65	
			For Verticals >3" To 4" On Center, Deduct	-2.65	
			For Verticals >4" To 6" On Center, Deduct	-5.30	
32 31 19 00-0005	LF		5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	57.12	11.77
			For Verticals Up To 2" On Center, Add	6.68	
			For Verticals >2" To 2-1/2" On Center, Add	3.34	
			For Verticals >3" To 4" On Center, Deduct	-3.34	
			For Verticals >4" To 6" On Center, Deduct	-6.68	
32 31 19 00-0006	LF		6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	69.13	14.19
			For Verticals Up To 2" On Center, Add	8.14	
			For Verticals >2" To 2-1/2" On Center, Add	4.07	
			For Verticals >3" To 4" On Center, Deduct	-4.07	
			For Verticals >4" To 6" On Center, Deduct	-8.14	
32 31 19 00-0007	LF		7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	80.61	15.02
			For Verticals Up To 2" On Center, Add	10.11	
			For Verticals >2" To 2-1/2" On Center, Add	5.06	
			For Verticals >3" To 4" On Center, Deduct	-5.06	
			For Verticals >4" To 6" On Center, Deduct	-10.11	
32 31 19 00-0008	LF		8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	92.06	15.81
			For Verticals Up To 2" On Center, Add	12.09	
			For Verticals >2" To 2-1/2" On Center, Add	6.05	
			For Verticals >3" To 4" On Center, Deduct	-6.05	
			For Verticals >4" To 6" On Center, Deduct	-12.09	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 19 00-0009	LF 10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i>	111.62 15.23 7.61 -7.61 -15.23	17.74
32 31 19 00-0010	LF 12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i>	131.73 18.28 9.14 -9.14 -18.28	20.16
32 31 19 00-0011	Wrought Iron Gates (32 31 19 00-0001) Note: Factory primed.		
32 31 19 00-0012	Single Wrought Iron Gates (32 31 19 00-0011) Note: Factory primed.		
32 31 19 00-0013	LF 3' Single Wrought Iron Gate, Hardware And Associated Trim	46.37	10.81
32 31 19 00-0014	LF 4' Single Wrought Iron Gate, Hardware And Associated Trim	60.84	13.39
32 31 19 00-0015	LF 5' Single Wrought Iron Gate, Hardware And Associated Trim	74.18	16.13
32 31 19 00-0016	LF 6' Single Wrought Iron Gate, Hardware And Associated Trim	90.08	19.35
32 31 19 00-0017	LF 8' Single Wrought Iron Gate, Hardware And Associated Trim	119.78	21.45
32 31 19 00-0018	LF 10' Single Wrought Iron Gate, Hardware And Associated Trim	144.44	23.70
32 31 19 00-0019	LF 12' Single Wrought Iron Gate, Hardware And Associated Trim	168.66	26.93
32 31 19 00-0020	Double Wrought Iron Gates (32 31 19 00-0011) Note: Factory primed.		
32 31 19 00-0021	LF 3' Double Wrought Iron Gate, Hardware And Associated Trim	56.58	9.67
32 31 19 00-0022	LF 4' Double Wrought Iron Gate, Hardware And Associated Trim	74.20	12.09
32 31 19 00-0023	LF 5' Double Wrought Iron Gate, Hardware And Associated Trim	90.09	14.51
32 31 19 00-0024	LF 6' Double Wrought Iron Gate, Hardware And Associated Trim	109.09	17.41
32 31 19 00-0025	LF 8' Double Wrought Iron Gate, Hardware And Associated Trim	145.72	19.35
32 31 19 00-0026	LF 10' Double Wrought Iron Gate, Hardware And Associated Trim	176.04	21.28
32 31 19 00-0027	LF 12' Double Wrought Iron Gate, Hardware And Associated Trim	205.94	24.19
32 31 19 00-0028	Repair Or Replace Wrought Iron Fence (32 31 19 00-0001)		
32 31 19 00-0029	LF Removal And Replacement Of Wrought Iron Picket	15.53	
32 31 19 00-0030	LF Removal And Replacement Of Wrought Iron Post	22.97	
32 31 19 00-0031	EA Straighten Wrought Iron Post	64.51	
32 31 19 00-0032	Steel Tube Fence, Powder Coated (32 31 19) Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033	Steel Tube Fence, 2 Rail (32 31 19 00-0032)		
32 31 19 00-0034	LF 3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts..... <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i> <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For 3" Square Posts, Add</i>	56.87 7.90 3.95 -3.95 -7.90 11.49 9.24 2.96 9.87 3.95	8.87
32 31 19 00-0035	LF 3-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts..... <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i> <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For 3" Square Posts, Add</i>	60.86 8.38 4.19 -4.19 -8.38 12.27 9.73 3.14 10.48 4.19	9.49
32 31 19 00-0036	LF 4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts..... <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i> <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For 3" Square Posts, Add</i>	64.42 8.77 4.39 -4.39 -8.77 12.95 10.08 3.29 10.97 4.39	10.48
32 31 19 00-0037	LF 5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts..... <i>For Verticals Up To 2" On Center, Add</i> <i>For Verticals >2" To 2-1/2" On Center, Add</i> <i>For Verticals >3" To 4" On Center, Deduct</i> <i>For Verticals >4" To 6" On Center, Deduct</i> <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For 3" Square Posts, Add</i>	68.66 8.99 4.50 -4.50 -8.99 13.67 9.93 3.37 11.24 4.50	11.77

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0038	LF	6'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	79.61	13.30
			For Verticals Up To 2" On Center, Add	10.60	
			For Verticals >2" To 2-1/2" On Center, Add	5.30	
			For Verticals >3" To 4" On Center, Deduct	-5.30	
			For Verticals >4" To 6" On Center, Deduct	-10.60	
			For Solid Pickets, Add	15.92	
			For Aluminum With Satin Finish, Add	11.91	
			For Third Rail, Add	3.98	
			For 1" Square x 14 Gauge Pickets, Add	13.25	
			For 3" Square Posts, Add	5.30	
32 31 19 00-0039	LF	7'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	91.11	14.51
			For Verticals Up To 2" On Center, Add	12.42	
			For Verticals >2" To 2-1/2" On Center, Add	6.21	
			For Verticals >3" To 4" On Center, Deduct	-6.21	
			For Verticals >4" To 6" On Center, Deduct	-12.42	
			For Solid Pickets, Add	18.32	
			For Aluminum With Satin Finish, Add	14.27	
			For Third Rail, Add	4.66	
			For 1" Square x 14 Gauge Pickets, Add	15.52	
			For 4" Square Posts, Add	21.73	
32 31 19 00-0040	LF	8'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	102.79	15.81
			For Verticals Up To 2" On Center, Add	14.24	
			For Verticals >2" To 2-1/2" On Center, Add	7.12	
			For Verticals >3" To 4" On Center, Deduct	-7.12	
			For Verticals >4" To 6" On Center, Deduct	-14.24	
			For Solid Pickets, Add	20.76	
			For Aluminum With Satin Finish, Add	16.61	
			For Third Rail, Add	5.34	
			For 1" Square x 14 Gauge Pickets, Add	17.80	
			For 4" Square Posts, Add	24.91	
32 31 19 00-0041	LF	9'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	119.45	16.93
			For Verticals Up To 2" On Center, Add	17.12	
			For Verticals >2" To 2-1/2" On Center, Add	8.56	
			For Verticals >3" To 4" On Center, Deduct	-8.56	
			For Verticals >4" To 6" On Center, Deduct	-17.12	
			For Solid Pickets, Add	24.34	
			For Aluminum With Satin Finish, Add	20.60	
			For Third Rail, Add	6.42	
			For 1" Square x 14 Gauge Pickets, Add	21.40	
			For 4" Square Posts, Add	29.96	
32 31 19 00-0042	LF	10'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	136.28	18.14
			For Verticals Up To 2" On Center, Add	20.00	
			For Verticals >2" To 2-1/2" On Center, Add	10.00	
			For Verticals >3" To 4" On Center, Deduct	-10.00	
			For Verticals >4" To 6" On Center, Deduct	-20.00	
			For Solid Pickets, Add	27.94	
			For Aluminum With Satin Finish, Add	24.56	
			For Third Rail, Add	7.50	
			For 1" Square x 14 Gauge Pickets, Add	25.00	
			For 6" Square Posts, Add	35.00	
32 31 19 00-0043	LF	12'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	160.49	20.16
			For Verticals Up To 2" On Center, Add	24.04	
			For Verticals >2" To 2-1/2" On Center, Add	12.02	
			For Verticals >3" To 4" On Center, Deduct	-12.02	
			For Verticals >4" To 6" On Center, Deduct	-24.04	
			For Solid Pickets, Add	33.09	
			For Aluminum With Satin Finish, Add	30.01	
			For Third Rail, Add	9.01	
			For 1" Square x 14 Gauge Pickets, Add	30.05	
			For 6" Square Posts, Add	42.06	
32 31 19 00-0044	LF	14'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	171.93	21.77
			For Verticals Up To 2" On Center, Add	25.68	
			For Verticals >2" To 2-1/2" On Center, Add	12.84	
			For Verticals >3" To 4" On Center, Deduct	-12.84	
			For Verticals >4" To 6" On Center, Deduct	-25.68	
			For Solid Pickets, Add	35.42	
			For Aluminum With Satin Finish, Add	31.98	
			For Third Rail, Add	9.63	
			For 1" Square x 14 Gauge Pickets, Add	32.10	
			For 6" Square Posts, Add	44.93	
32 31 19 00-0045			Steel Tube Swing Gates (32 31 19 00-0032)		
32 31 19 00-0046			3' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0047	EA	3'	Wide x 3' High Steel Tube Single Swing Gate	517.79	17.17
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	112.63	
			For Aluminum With Satin Finish, Add	132.12	
			For Third Rail, Add	34.96	
			For 1" Square x 14 Gauge Pickets, Add	46.62	
32 31 19 00-0048	EA	3'-6"	Wide x 3' High Steel Tube Single Swing Gate	575.80	17.99
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	125.50	
			For Aluminum With Satin Finish, Add	148.43	
			For Third Rail, Add	39.13	
			For 1" Square x 14 Gauge Pickets, Add	52.18	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	637.15	19.03
			<i>For Solid Pickets, Add</i>	139.07	
			<i>For Aluminum With Satin Finish, Add</i>	165.38	
			<i>For Third Rail, Add</i>	43.49	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	57.99	
32 31	19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	670.24	20.40
			<i>For Solid Pickets, Add</i>	146.21	
			<i>For Aluminum With Satin Finish, Add</i>	173.50	
			<i>For Third Rail, Add</i>	45.67	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	60.90	
32 31	19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	749.29	24.43
			<i>For Solid Pickets, Add</i>	163.09	
			<i>For Aluminum With Satin Finish, Add</i>	191.77	
			<i>For Third Rail, Add</i>	50.69	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	67.59	
32 31	19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	798.03	28.46
			<i>For Solid Pickets, Add</i>	173.15	
			<i>For Aluminum With Satin Finish, Add</i>	200.95	
			<i>For Third Rail, Add</i>	53.44	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	71.26	
32 31	19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	871.57	32.74
			<i>For Solid Pickets, Add</i>	188.73	
			<i>For Aluminum With Satin Finish, Add</i>	217.20	
			<i>For Third Rail, Add</i>	57.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	77.32	
32 31	19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	935.47	36.76
			<i>For Solid Pickets, Add</i>	202.20	
			<i>For Aluminum With Satin Finish, Add</i>	230.93	
			<i>For Third Rail, Add</i>	61.88	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	82.50	
32 31	19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate..... Note: Includes mounting hardware and associated trim.	991.78	40.80
			<i>For Solid Pickets, Add</i>	213.96	
			<i>For Aluminum With Satin Finish, Add</i>	242.38	
			<i>For Third Rail, Add</i>	65.19	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	86.92	
32 31	19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,082.22	34.34
			<i>For Solid Pickets, Add</i>	235.76	
			<i>For Aluminum With Satin Finish, Add</i>	278.22	
			<i>For Third Rail, Add</i>	73.43	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	97.90	
32 31	19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,152.88	35.96
			<i>For Solid Pickets, Add</i>	251.29	
			<i>For Aluminum With Satin Finish, Add</i>	297.24	
			<i>For Third Rail, Add</i>	78.36	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	104.48	
32 31	19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,274.30	38.14
			<i>For Solid Pickets, Add</i>	278.13	
			<i>For Aluminum With Satin Finish, Add</i>	330.77	
			<i>For Third Rail, Add</i>	86.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	115.98	
32 31	19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,335.18	39.51
			<i>For Solid Pickets, Add</i>	291.53	
			<i>For Aluminum With Satin Finish, Add</i>	347.22	
			<i>For Third Rail, Add</i>	91.25	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	121.67	
32 31	19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,384.70	40.80
			<i>For Solid Pickets, Add</i>	302.37	
			<i>For Aluminum With Satin Finish, Add</i>	360.26	
			<i>For Third Rail, Add</i>	94.66	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	126.21	
32 31	19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,559.24	48.87
			<i>For Solid Pickets, Add</i>	339.82	
			<i>For Aluminum With Satin Finish, Add</i>	401.73	
			<i>For Third Rail, Add</i>	105.94	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	141.25	
32 31	19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,709.76	56.93
			<i>For Solid Pickets, Add</i>	371.88	
			<i>For Aluminum With Satin Finish, Add</i>	436.01	
			<i>For Third Rail, Add</i>	115.41	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	153.88	
32 31	19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,836.63	65.56
			<i>For Solid Pickets, Add</i>	398.49	
			<i>For Aluminum With Satin Finish, Add</i>	462.46	
			<i>For Third Rail, Add</i>	122.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	163.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0064	EA		18' Wide x 3' High Steel Tube Double Swing Gate.....	1,942.94	73.54
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	420.59	
			For Aluminum With Satin Finish, Add	483.46	
			For Third Rail, Add	129.15	
			For 1" Square x 14 Gauge Pickets, Add	172.20	
32 31 19 00-0065	EA		20' Wide x 3' High Steel Tube Double Swing Gate.....	2,030.30	81.60
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	438.43	
			For Aluminum With Satin Finish, Add	498.79	
			For Third Rail, Add	133.89	
			For 1" Square x 14 Gauge Pickets, Add	178.52	
32 31 19 00-0066			4' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0067	EA		3' Wide x 4' High Steel Tube Single Swing Gate.....	597.69	16.13
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	130.40	
			For Aluminum With Satin Finish, Add	154.81	
			For Third Rail, Add	40.74	
			For 1" Square x 14 Gauge Pickets, Add	54.33	
32 31 19 00-0068	EA		3'-6" Wide x 4' High Steel Tube Single Swing Gate.....	646.45	18.79
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	141.22	
			For Aluminum With Satin Finish, Add	168.54	
			For Third Rail, Add	44.25	
			For 1" Square x 14 Gauge Pickets, Add	59.00	
32 31 19 00-0069	EA		4' Wide x 4' High Steel Tube Single Swing Gate.....	697.23	20.16
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	152.34	
			For Aluminum With Satin Finish, Add	181.95	
			For Third Rail, Add	47.76	
			For 1" Square x 14 Gauge Pickets, Add	63.68	
32 31 19 00-0070	EA		5' Wide x 4' High Steel Tube Single Swing Gate.....	739.17	21.45
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	161.48	
			For Aluminum With Satin Finish, Add	192.72	
			For Third Rail, Add	50.60	
			For 1" Square x 14 Gauge Pickets, Add	67.47	
32 31 19 00-0071	EA		6' Wide x 4' High Steel Tube Single Swing Gate.....	797.55	25.80
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	173.64	
			For Aluminum With Satin Finish, Add	204.43	
			For Third Rail, Add	54.01	
			For 1" Square x 14 Gauge Pickets, Add	72.01	
32 31 19 00-0072	EA		7' Wide x 4' High Steel Tube Single Swing Gate.....	876.13	30.08
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	190.36	
			For Aluminum With Satin Finish, Add	222.20	
			For Third Rail, Add	58.94	
			For 1" Square x 14 Gauge Pickets, Add	78.58	
32 31 19 00-0073	EA		8' Wide x 4' High Steel Tube Single Swing Gate.....	983.80	34.34
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	213.61	
			For Aluminum With Satin Finish, Add	248.70	
			For Third Rail, Add	66.04	
			For 1" Square x 14 Gauge Pickets, Add	88.06	
32 31 19 00-0074	EA		9' Wide x 4' High Steel Tube Single Swing Gate.....	1,088.93	38.70
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	236.30	
			For Aluminum With Satin Finish, Add	274.43	
			For Third Rail, Add	72.96	
			For 1" Square x 14 Gauge Pickets, Add	97.28	
32 31 19 00-0075	EA		10' Wide x 4' High Steel Tube Single Swing Gate.....	1,189.00	42.97
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	257.85	
			For Aluminum With Satin Finish, Add	298.65	
			For Third Rail, Add	79.50	
			For 1" Square x 14 Gauge Pickets, Add	106.00	
32 31 19 00-0076	EA		6' Wide x 4' High Steel Tube Double Swing Gate.....	1,195.37	36.28
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	260.79	
			For Aluminum With Satin Finish, Add	309.63	
			For Third Rail, Add	81.49	
			For 1" Square x 14 Gauge Pickets, Add	108.65	
32 31 19 00-0077	EA		7' Wide x 4' High Steel Tube Double Swing Gate.....	1,292.90	37.58
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	282.44	
			For Aluminum With Satin Finish, Add	337.07	
			For Third Rail, Add	88.50	
			For 1" Square x 14 Gauge Pickets, Add	118.00	
32 31 19 00-0078	EA		8' Wide x 4' High Steel Tube Double Swing Gate.....	1,394.46	40.31
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	304.68	
			For Aluminum With Satin Finish, Add	363.91	
			For Third Rail, Add	95.51	
			For 1" Square x 14 Gauge Pickets, Add	127.35	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	1,474.29	41.61
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	322.34	
		For Aluminum With Satin Finish, Add	386.05	
		For Third Rail, Add	101.20	
		For 1" Square x 14 Gauge Pickets, Add	134.93	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	1,541.49	42.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	337.16	
		For Aluminum With Satin Finish, Add	404.39	
		For Third Rail, Add	105.94	
		For 1" Square x 14 Gauge Pickets, Add	141.25	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	1,750.48	51.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	382.25	
		For Aluminum With Satin Finish, Add	455.48	
		For Third Rail, Add	119.68	
		For 1" Square x 14 Gauge Pickets, Add	159.57	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	1,934.22	60.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	421.65	
		For Aluminum With Satin Finish, Add	498.99	
		For Third Rail, Add	131.52	
		For 1" Square x 14 Gauge Pickets, Add	175.36	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	2,093.94	68.70
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	455.66	
		For Aluminum With Satin Finish, Add	535.29	
		For Third Rail, Add	141.56	
		For 1" Square x 14 Gauge Pickets, Add	188.75	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	2,232.18	77.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	484.82	
		For Aluminum With Satin Finish, Add	565.16	
		For Third Rail, Add	150.00	
		For 1" Square x 14 Gauge Pickets, Add	200.00	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	2,350.21	85.95
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	509.45	
		For Aluminum With Satin Finish, Add	588.95	
		For Third Rail, Add	156.91	
		For 1" Square x 14 Gauge Pickets, Add	209.22	
32 31 19 00-0086		5' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate.....	650.24	18.79
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	142.07	
		For Aluminum With Satin Finish, Add	169.67	
		For Third Rail, Add	44.54	
		For 1" Square x 14 Gauge Pickets, Add	59.38	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	685.86	20.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	149.78	
		For Aluminum With Satin Finish, Add	178.54	
		For Third Rail, Add	46.90	
		For 1" Square x 14 Gauge Pickets, Add	62.54	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate.....	720.21	21.45
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	157.21	
		For Aluminum With Satin Finish, Add	187.03	
		For Third Rail, Add	49.18	
		For 1" Square x 14 Gauge Pickets, Add	65.57	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate.....	769.73	22.82
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	168.05	
		For Aluminum With Satin Finish, Add	200.08	
		For Third Rail, Add	52.59	
		For 1" Square x 14 Gauge Pickets, Add	70.12	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate.....	837.75	27.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	182.33	
		For Aluminum With Satin Finish, Add	214.32	
		For Third Rail, Add	56.66	
		For 1" Square x 14 Gauge Pickets, Add	75.55	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate.....	927.27	31.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	201.44	
		For Aluminum With Satin Finish, Add	235.00	
		For Third Rail, Add	62.35	
		For 1" Square x 14 Gauge Pickets, Add	83.13	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate.....	1,051.70	36.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	228.35	
		For Aluminum With Satin Finish, Add	265.80	
		For Third Rail, Add	70.59	
		For 1" Square x 14 Gauge Pickets, Add	94.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0094	EA		9' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,172.79	41.37
			<i>For Solid Pickets, Add</i>	254.57	
			<i>For Aluminum With Satin Finish, Add</i>	295.96	
			<i>For Third Rail, Add</i>	78.65	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	104.86	
32 31 19 00-0095	EA		10' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,291.36	45.88
			<i>For Solid Pickets, Add</i>	280.22	
			<i>For Aluminum With Satin Finish, Add</i>	325.36	
			<i>For Third Rail, Add</i>	86.51	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	115.35	
32 31 19 00-0096	EA		6' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,278.07	31.68
			<i>For Solid Pickets, Add</i>	280.78	
			<i>For Aluminum With Satin Finish, Add</i>	342.71	
			<i>For Third Rail, Add</i>	89.07	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	118.76	
32 31 19 00-0097	EA		7' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,355.05	36.93
			<i>For Solid Pickets, Add</i>	296.97	
			<i>For Aluminum With Satin Finish, Add</i>	359.02	
			<i>For Third Rail, Add</i>	93.71	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	124.95	
32 31 19 00-0098	EA		8' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,432.92	42.49
			<i>For Solid Pickets, Add</i>	313.29	
			<i>For Aluminum With Satin Finish, Add</i>	375.20	
			<i>For Third Rail, Add</i>	98.36	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	131.14	
32 31 19 00-0099	EA		9' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,538.96	47.81
			<i>For Solid Pickets, Add</i>	336.02	
			<i>For Aluminum With Satin Finish, Add</i>	400.22	
			<i>For Third Rail, Add</i>	105.18	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	140.24	
32 31 19 00-0100	EA		10' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,632.37	53.06
			<i>For Solid Pickets, Add</i>	355.91	
			<i>For Aluminum With Satin Finish, Add</i>	421.46	
			<i>For Third Rail, Add</i>	111.05	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	148.07	
32 31 19 00-0101	EA		12' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,857.69	59.03
			<i>For Solid Pickets, Add</i>	405.34	
			<i>For Aluminum With Satin Finish, Add</i>	481.47	
			<i>For Third Rail, Add</i>	126.69	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	168.92	
32 31 19 00-0102	EA		14' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,060.77	65.48
			<i>For Solid Pickets, Add</i>	449.64	
			<i>For Aluminum With Satin Finish, Add</i>	534.01	
			<i>For Third Rail, Add</i>	140.52	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	187.36	
32 31 19 00-0103	EA		16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,242.89	72.65
			<i>For Solid Pickets, Add</i>	489.08	
			<i>For Aluminum With Satin Finish, Add</i>	579.47	
			<i>For Third Rail, Add</i>	152.65	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	203.53	
32 31 19 00-0104	EA		18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,407.45	80.72
			<i>For Solid Pickets, Add</i>	524.38	
			<i>For Aluminum With Satin Finish, Add</i>	618.46	
			<i>For Third Rail, Add</i>	163.26	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	217.68	
32 31 19 00-0105	EA		20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,554.45	89.74
			<i>For Solid Pickets, Add</i>	555.53	
			<i>For Aluminum With Satin Finish, Add</i>	650.99	
			<i>For Third Rail, Add</i>	172.36	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	229.81	
32 31 19 00-0106			6' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0107	EA		3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	677.36	20.65
			<i>For Solid Pickets, Add</i>	147.75	
			<i>For Aluminum With Satin Finish, Add</i>	175.27	
			<i>For Third Rail, Add</i>	46.15	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	61.53	
32 31 19 00-0108	EA		3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	712.17	21.77
			<i>For Solid Pickets, Add</i>	155.34	
			<i>For Aluminum With Satin Finish, Add</i>	184.26	
			<i>For Third Rail, Add</i>	48.51	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	64.69	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate.....	747.57	22.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	163.02	
		For Aluminum With Satin Finish, Add	193.17	
		For Third Rail, Add	50.88	
		For 1" Square x 14 Gauge Pickets, Add	67.85	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate.....	790.99	24.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	172.47	
		For Aluminum With Satin Finish, Add	204.28	
		For Third Rail, Add	53.82	
		For 1" Square x 14 Gauge Pickets, Add	71.76	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate.....	888.43	29.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	193.24	
		For Aluminum With Satin Finish, Add	226.61	
		For Third Rail, Add	59.98	
		For 1" Square x 14 Gauge Pickets, Add	79.97	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate.....	992.18	34.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	215.44	
		For Aluminum With Satin Finish, Add	250.85	
		For Third Rail, Add	66.61	
		For 1" Square x 14 Gauge Pickets, Add	88.82	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate.....	1,107.76	39.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	240.36	
		For Aluminum With Satin Finish, Add	278.99	
		For Third Rail, Add	74.19	
		For 1" Square x 14 Gauge Pickets, Add	98.92	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate.....	1,219.11	44.59
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	264.26	
		For Aluminum With Satin Finish, Add	305.50	
		For Third Rail, Add	81.39	
		For 1" Square x 14 Gauge Pickets, Add	108.53	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate.....	1,354.44	49.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	293.56	
		For Aluminum With Satin Finish, Add	339.21	
		For Third Rail, Add	90.40	
		For 1" Square x 14 Gauge Pickets, Add	120.53	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	1,328.12	34.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	291.51	
		For Aluminum With Satin Finish, Add	354.53	
		For Third Rail, Add	92.29	
		For 1" Square x 14 Gauge Pickets, Add	123.06	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	1,408.13	40.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	308.25	
		For Aluminum With Satin Finish, Add	370.95	
		For Third Rail, Add	97.03	
		For 1" Square x 14 Gauge Pickets, Add	129.37	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	1,487.28	45.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	324.86	
		For Aluminum With Satin Finish, Add	387.51	
		For Third Rail, Add	101.77	
		For 1" Square x 14 Gauge Pickets, Add	135.69	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	1,582.46	51.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	345.01	
		For Aluminum With Satin Finish, Add	408.48	
		For Third Rail, Add	107.64	
		For 1" Square x 14 Gauge Pickets, Add	143.52	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	1,730.70	57.41
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	377.10	
		For Aluminum With Satin Finish, Add	445.37	
		For Third Rail, Add	117.50	
		For 1" Square x 14 Gauge Pickets, Add	156.66	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	2,028.55	63.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	442.72	
		For Aluminum With Satin Finish, Add	526.34	
		For Third Rail, Add	138.44	
		For 1" Square x 14 Gauge Pickets, Add	184.58	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	2,125.63	71.44
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	462.97	
		For Aluminum With Satin Finish, Add	545.89	
		For Third Rail, Add	144.12	
		For 1" Square x 14 Gauge Pickets, Add	192.16	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	2,334.42	79.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	508.21	
		For Aluminum With Satin Finish, Add	598.14	
		For Third Rail, Add	158.05	
		For 1" Square x 14 Gauge Pickets, Add	210.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0124	EA		18' Wide x 6' High Steel Tube Double Swing Gate.....	2,526.90	88.46
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	549.59	
			For Aluminum With Satin Finish, Add	644.32	
			For Third Rail, Add	170.56	
			For 1" Square x 14 Gauge Pickets, Add	227.41	
32 31 19 00-0125	EA		20' Wide x 6' High Steel Tube Double Swing Gate.....	2,706.52	98.69
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	587.81	
			For Aluminum With Satin Finish, Add	685.03	
			For Third Rail, Add	181.83	
			For 1" Square x 14 Gauge Pickets, Add	242.45	
32 31 19 00-0126			7' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0127	EA		3' Wide x 7' High Steel Tube Single Swing Gate.....	717.82	22.34
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	156.47	
			For Aluminum With Satin Finish, Add	185.12	
			For Third Rail, Add	48.80	
			For 1" Square x 14 Gauge Pickets, Add	65.07	
32 31 19 00-0128	EA		3'-6" Wide x 7' High Steel Tube Single Swing Gate.....	754.21	23.55
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	164.39	
			For Aluminum With Satin Finish, Add	194.44	
			For Third Rail, Add	51.26	
			For 1" Square x 14 Gauge Pickets, Add	68.35	
32 31 19 00-0129	EA		4' Wide x 7' High Steel Tube Single Swing Gate.....	790.78	24.76
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	172.34	
			For Aluminum With Satin Finish, Add	203.74	
			For Third Rail, Add	53.73	
			For 1" Square x 14 Gauge Pickets, Add	71.64	
32 31 19 00-0130	EA		5' Wide x 7' High Steel Tube Single Swing Gate.....	827.41	26.04
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	180.30	
			For Aluminum With Satin Finish, Add	213.03	
			For Third Rail, Add	56.19	
			For 1" Square x 14 Gauge Pickets, Add	74.92	
32 31 19 00-0131	EA		6' Wide x 7' High Steel Tube Single Swing Gate.....	958.04	31.68
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	208.42	
			For Aluminum With Satin Finish, Add	244.60	
			For Third Rail, Add	64.72	
			For 1" Square x 14 Gauge Pickets, Add	86.29	
32 31 19 00-0132	EA		7' Wide x 7' High Steel Tube Single Swing Gate.....	1,077.77	37.09
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	234.15	
			For Aluminum With Satin Finish, Add	273.26	
			For Third Rail, Add	72.49	
			For 1" Square x 14 Gauge Pickets, Add	96.65	
32 31 19 00-0133	EA		8' Wide x 7' High Steel Tube Single Swing Gate.....	1,165.46	42.66
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	252.61	
			For Aluminum With Satin Finish, Add	291.94	
			For Third Rail, Add	77.79	
			For 1" Square x 14 Gauge Pickets, Add	103.73	
32 31 19 00-0134	EA		9' Wide x 7' High Steel Tube Single Swing Gate.....	1,264.97	48.05
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	273.79	
			For Aluminum With Satin Finish, Add	314.54	
			For Third Rail, Add	84.05	
			For 1" Square x 14 Gauge Pickets, Add	112.06	
32 31 19 00-0135	EA		10' Wide x 7' High Steel Tube Single Swing Gate.....	1,386.77	53.70
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	299.93	
			For Aluminum With Satin Finish, Add	343.46	
			For Third Rail, Add	91.91	
			For 1" Square x 14 Gauge Pickets, Add	122.55	
32 31 19 00-0136	EA		6' Wide x 7' High Steel Tube Double Swing Gate.....	1,405.96	36.61
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	308.49	
			For Aluminum With Satin Finish, Add	374.69	
			For Third Rail, Add	97.60	
			For 1" Square x 14 Gauge Pickets, Add	130.13	
32 31 19 00-0137	EA		7' Wide x 7' High Steel Tube Double Swing Gate.....	1,489.40	42.82
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	325.94	
			For Aluminum With Satin Finish, Add	391.74	
			For Third Rail, Add	102.53	
			For 1" Square x 14 Gauge Pickets, Add	136.70	
32 31 19 00-0138	EA		8' Wide x 7' High Steel Tube Double Swing Gate.....	1,573.73	49.35
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	343.51	
			For Aluminum With Satin Finish, Add	408.66	
			For Third Rail, Add	107.45	
			For 1" Square x 14 Gauge Pickets, Add	143.27	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	1,658.42	55.55
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	361.24	
		For Aluminum With Satin Finish, Add	426.08	
		For Third Rail, Add	112.47	
		For 1" Square x 14 Gauge Pickets, Add	149.97	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	1,867.83	62.08
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	406.96	
		For Aluminum With Satin Finish, Add	480.52	
		For Third Rail, Add	126.78	
		For 1" Square x 14 Gauge Pickets, Add	169.04	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	2,255.87	69.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	492.74	
		For Aluminum With Satin Finish, Add	587.76	
		For Third Rail, Add	154.36	
		For 1" Square x 14 Gauge Pickets, Add	205.81	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	2,234.34	77.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	486.10	
		For Aluminum With Satin Finish, Add	570.52	
		For Third Rail, Add	150.95	
		For 1" Square x 14 Gauge Pickets, Add	201.26	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	2,421.77	86.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	526.34	
		For Aluminum With Satin Finish, Add	615.17	
		For Third Rail, Add	163.07	
		For 1" Square x 14 Gauge Pickets, Add	217.43	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	2,645.62	96.84
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	574.51	
		For Aluminum With Satin Finish, Add	669.15	
		For Third Rail, Add	177.67	
		For 1" Square x 14 Gauge Pickets, Add	236.89	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate	2,795.03	108.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	605.73	
		For Aluminum With Satin Finish, Add	699.61	
		For Third Rail, Add	186.48	
		For 1" Square x 14 Gauge Pickets, Add	248.64	
32 31 19 00-0146		8' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0045)		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate.....	780.07	24.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	170.07	
		For Aluminum With Satin Finish, Add	201.36	
		For Third Rail, Add	53.06	
		For 1" Square x 14 Gauge Pickets, Add	70.75	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate	818.22	25.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	178.35	
		For Aluminum With Satin Finish, Add	211.00	
		For Third Rail, Add	55.62	
		For 1" Square x 14 Gauge Pickets, Add	74.16	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate.....	858.88	26.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	187.20	
		For Aluminum With Satin Finish, Add	221.38	
		For Third Rail, Add	58.37	
		For 1" Square x 14 Gauge Pickets, Add	77.83	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate.....	895.96	29.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	194.85	
		For Aluminum With Satin Finish, Add	228.33	
		For Third Rail, Add	60.45	
		For 1" Square x 14 Gauge Pickets, Add	80.61	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate.....	1,059.25	33.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	230.71	
		For Aluminum With Satin Finish, Add	272.06	
		For Third Rail, Add	71.82	
		For 1" Square x 14 Gauge Pickets, Add	95.77	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate.....	1,180.03	40.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	256.31	
		For Aluminum With Satin Finish, Add	298.86	
		For Third Rail, Add	79.31	
		For 1" Square x 14 Gauge Pickets, Add	105.75	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate.....	1,234.30	47.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	267.01	
		For Aluminum With Satin Finish, Add	306.07	
		For Third Rail, Add	81.87	
		For 1" Square x 14 Gauge Pickets, Add	109.16	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,324.75		54.51
		<i>For Solid Pickets, Add</i>	285.79		
		<i>For Aluminum With Satin Finish, Add</i>	323.76		
		<i>For Third Rail, Add</i>	87.08		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	116.11		
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,403.82		61.52
		<i>For Solid Pickets, Add</i>	302.01		
		<i>For Aluminum With Satin Finish, Add</i>	338.06		
		<i>For Third Rail, Add</i>	91.44		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	121.92		
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,528.02		39.11
		<i>For Solid Pickets, Add</i>	335.42		
		<i>For Aluminum With Satin Finish, Add</i>	408.12		
		<i>For Third Rail, Add</i>	106.22		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	141.63		
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,621.84		47.17
		<i>For Solid Pickets, Add</i>	354.80		
		<i>For Aluminum With Satin Finish, Add</i>	425.88		
		<i>For Third Rail, Add</i>	111.53		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	148.70		
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,713.50		54.91
		<i>For Solid Pickets, Add</i>	373.76		
		<i>For Aluminum With Satin Finish, Add</i>	443.40		
		<i>For Third Rail, Add</i>	116.74		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	155.65		
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,790.90		63.05
		<i>For Solid Pickets, Add</i>	389.45		
		<i>For Aluminum With Satin Finish, Add</i>	456.24		
		<i>For Third Rail, Add</i>	120.81		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	161.08		
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,080.52		71.12
		<i>For Solid Pickets, Add</i>	452.88		
		<i>For Aluminum With Satin Finish, Add</i>	532.76		
		<i>For Third Rail, Add</i>	140.81		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	187.74		
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,590.13		80.07
		<i>For Solid Pickets, Add</i>	565.62		
		<i>For Aluminum With Satin Finish, Add</i>	674.06		
		<i>For Third Rail, Add</i>	177.10		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	236.13		
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,374.30		90.30
		<i>For Solid Pickets, Add</i>	514.86		
		<i>For Aluminum With Satin Finish, Add</i>	596.15		
		<i>For Third Rail, Add</i>	158.72		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	211.62		
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,544.45		102.16
		<i>For Solid Pickets, Add</i>	550.62		
		<i>For Aluminum With Satin Finish, Add</i>	632.02		
		<i>For Third Rail, Add</i>	168.95		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	225.26		
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,805.33		115.14
		<i>For Solid Pickets, Add</i>	606.52		
		<i>For Aluminum With Satin Finish, Add</i>	693.52		
		<i>For Third Rail, Add</i>	185.72		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	247.63		
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,867.22		129.74
		<i>For Solid Pickets, Add</i>	617.32		
		<i>For Aluminum With Satin Finish, Add</i>	693.33		
		<i>For Third Rail, Add</i>	187.24		
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	249.65		
32 31 19 00-0166		Replace Steel Tube Fence Pickets (32 31 19 00-0032)			
32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket <i>For 1" Square x 14 Gauge Pickets, Add</i>	22.87 0.67		
32 31 19 00-0168		Remove And Reinstall Ornamental Fences (32 31 19)			
		Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.			
32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	36.28		
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	39.92		
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	43.55		
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	47.17		
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	50.80		
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	54.43		
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	60.48		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26			Wire Fences And Gates (32 31)		
32 31 26 13			Wire Fences with Steel Posts (32 31 26)		
32 31 26 13-0001			Wire And Screen (32 31 26 13)		
32 31 26 13-0002			Wire And Screen For Partitions And Fences (32 31 26 13-0001) Note: Excludes framing and post.		
32 31 26 13-0003			Screen Wire (32 31 26 13-0002)		
32 31 26 13-0004	LF		Screen Wire, 48" Wide Rolls.....	11.01	1.02
32 31 26 13-0005			Hog Wire (32 31 26 13-0002)		
32 31 26 13-0006	SF		4" x 4" Hog Wire For Fencing.....	2.00	0.82
32 31 26 13-0007	SF		6" x 6" Hog Wire For Fencing.....	2.10	0.92
32 31 26 13-0008			Non-Climb Horse Fence (32 31 26 13-0002)		
32 31 26 13-0009	LF		4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	8.81	3.26
32 31 26 13-0010	LF		5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	11.23	4.08
32 31 26 13-0011	LF		6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	13.93	4.90
32 31 26 13-0012			Screen For Partitions And Ceilings (32 31 26 13-0001) Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0013	SF		1" Mesh Chicken Wire.....	1.71	
32 31 29			Wood Fences And Gates (32 31)		
			See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001			Basket Weave (32 31 29) Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF		6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post.....	38.29	2.94
			For Fastening With Screws Instead Of Nails, Add	2.22	
32 31 29 00-0003	LF		6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post.....	24.70	2.94
			For Fastening With Screws Instead Of Nails, Add	1.56	
32 31 29 00-0004			Board Fence (32 31 29) Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF		Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence.....	22.78	2.94
			For 1" x 6" Boards, Deduct	-2.40	
			For 1" x 3" Boards (Stockade Top), Add	2.99	
			For Fastening With Screws Instead Of Nails, Add	1.48	
32 31 29 00-0006	LF		Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence.....	25.35	2.94
			For 1" x 6" Boards, Deduct	-2.62	
			For 1" x 3" Boards (Stockade Top), Add	3.24	
			For Fastening With Screws Instead Of Nails, Add	1.63	
32 31 29 00-0007	LF		Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence.....	28.28	2.94
			For 1" x 6" Boards, Deduct	-2.79	
			For 1" x 3" Boards (Stockade Top), Add	3.42	
			For Fastening With Screws Instead Of Nails, Add	1.79	
32 31 29 00-0008	LF		Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence.....	30.20	2.94
			For 1" x 6" Boards, Deduct	-2.94	
			For 1" x 3" Boards (Stockade Top), Add	3.58	
			For Fastening With Screws Instead Of Nails, Add	1.90	
32 31 29 00-0009	LF		Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence.....	32.27	2.94
			For 1" x 6" Boards, Deduct	-3.09	
			For 1" x 3" Boards (Stockade Top), Add	3.75	
			For Fastening With Screws Instead Of Nails, Add	2.02	
32 31 29 00-0010	LF		Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence.....	24.34	2.94
			For 1" x 6" Boards, Deduct	-2.47	
			For 1" x 3" Boards (Stockade Top), Add	3.04	
			For Fastening With Screws Instead Of Nails, Add	1.56	
32 31 29 00-0011	LF		Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence.....	26.55	2.94
			For 1" x 6" Boards, Deduct	-2.66	
			For 1" x 3" Boards (Stockade Top), Add	3.27	
			For Fastening With Screws Instead Of Nails, Add	1.69	
32 31 29 00-0012	LF		Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence.....	28.28	2.94
			For 1" x 6" Boards, Deduct	-2.79	
			For 1" x 3" Boards (Stockade Top), Add	3.42	
			For Fastening With Screws Instead Of Nails, Add	1.79	
32 31 29 00-0013	LF		Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence.....	30.20	2.94
			For 1" x 6" Boards, Deduct	-2.94	
			For 1" x 3" Boards (Stockade Top), Add	3.58	
			For Fastening With Screws Instead Of Nails, Add	1.90	
32 31 29 00-0014	LF		Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence.....	32.27	2.94
			For 1" x 6" Boards, Deduct	-3.09	
			For 1" x 3" Boards (Stockade Top), Add	3.75	
			For Fastening With Screws Instead Of Nails, Add	2.02	
32 31 29 00-0015	LF		Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence.....	24.34	2.94
			For 1" x 6" Boards, Deduct	-2.47	
			For 1" x 3" Boards (Stockade Top), Add	3.04	
			For Fastening With Screws Instead Of Nails, Add	1.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0016	LF		Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	31.86 -2.88 3.43 1.96	2.94
32 31 29 00-0017	LF		Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	33.37 -3.00 3.57 2.05	2.94
32 31 29 00-0018	LF		Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	35.89 -3.17 3.75 2.19	2.94
32 31 29 00-0019	LF		Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	38.62 -3.34 3.94 2.34	2.94
32 31 29 00-0020			Shadow Box <small>(32 31 29)</small> Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine <i>For Fastening With Screws Instead Of Nails, Add</i>	40.29 2.32	2.94
32 31 29 00-0022	LF		Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	50.42 2.89	2.94
32 31 29 00-0023	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	54.74 3.12	2.94
32 31 29 00-0024	LF		Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	58.81 3.35	2.94
32 31 29 00-0025			Open Rail Fence <small>(32 31 29)</small>		
32 31 29 00-0026			Post And Rail Fence, Ranch Style <small>(32 31 29 00-0025)</small>		
32 31 29 00-0027	LF		Post And Rail Fence, 2 Rails, 3' High #1 Cedar	22.36	2.94
32 31 29 00-0028	LF		Post And Rail Fence, 2 Rails, 3' High #2 Cedar	17.62	2.94
32 31 29 00-0029	LF		Post And Rail Fence, 3 Rails, 4' High #1 Cedar	26.41	2.94
32 31 29 00-0030	LF		Post And Rail Fence, 3 Rails, 4' High #2 Cedar	19.02	2.94
32 31 29 00-0031			Split Rail Fence <small>(32 31 29 00-0025)</small>		
32 31 29 00-0032	LF		Split Rail Fence, 2 Rails, 3' High #1 Cedar	21.14	2.94
32 31 29 00-0033	LF		Split Rail Fence, 2 Rails, 3' High #2 Cedar	17.56	2.94
32 31 29 00-0034	LF		Split Rail Fence, 3 Rail, 4' High #1 Cedar	24.08	2.94
32 31 29 00-0035	LF		Split Rail Fence, 3 Rail, 4' High #2 Cedar	19.71	2.94
32 31 29 00-0036			Picket Fence <small>(32 31 29)</small>		
32 31 29 00-0037	LF		Picket Fence, 2 Rail, 3' High, Pressure Treated <i>For Fastening With Screws Instead Of Nails, Add</i>	23.70 1.54	2.94
32 31 29 00-0038	LF		Picket Fence, 2 Rail, 3' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	22.33 1.47	2.94
32 31 29 00-0039			Wood Fence Post Accessories <small>(32 31 29)</small>		
32 31 29 00-0040	EA		3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	31.69	
32 31 29 00-0041	EA		4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	34.94	
32 31 29 00-0042	EA		6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	38.23	
32 31 29 00-0043	EA		8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	54.52	
32 31 29 00-0044			Wood Gate <small>(32 31 29)</small>		
32 31 29 00-0045			Board Fence Gates, Pressure Treated Wood <small>(32 31 29 00-0044)</small> Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA		3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	366.99	116.12
32 31 29 00-0047	EA		3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	405.19	123.08
32 31 29 00-0048	EA		3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	452.67	134.69
32 31 29 00-0049	EA		3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	512.42	141.66
32 31 29 00-0050	EA		3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	572.18	148.62
32 31 29 00-0051	EA		>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	468.26	153.27
32 31 29 00-0052	EA		>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	509.15	160.23
32 31 29 00-0053	EA		>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	550.03	167.21
32 31 29 00-0054	EA		>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	617.88	174.17
32 31 29 00-0055	EA		>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	672.25	181.13
32 31 29 00-0056			Board Fence Gates, Grade 2 Cedar <small>(32 31 29 00-0044)</small> Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA		3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	547.88	92.00
32 31 29 00-0058	EA		3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	567.01	97.52
32 31 29 00-0059	EA		3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	596.19	106.72
32 31 29 00-0060	EA		3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	628.79	112.24
32 31 29 00-0061	EA		3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	669.48	117.76
32 31 29 00-0062	EA		>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	647.19	121.44

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	671.71	126.96
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	709.70	132.48
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	747.70	138.00
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	785.69	143.52

32 31 29 00-0067 Board Fence Gates, Grade 1 Cedar (32 31 29 00-0044)

Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)

32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	588.31	92.00
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	612.83	97.52
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	644.70	106.72
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	682.70	112.24
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	720.69	117.76
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	701.10	121.44
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	725.62	126.96
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	763.61	132.48
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	801.60	138.00
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	853.07	143.52

32 31 29 00-0078 Pressure Treated Wood Fence Posts (32 31 29)

See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0641 for barbed wire, 32 31 56 00-0017 for barbed wire.

32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	35.01	11.61
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	39.27	11.61
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	61.84	22.30
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	66.68	22.30

32 31 56 Wild Life Deterrent Fence (32 31)**32 31 56 00-0001 Barbed Wire Fences** (32 31 56)

Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 56 00-0002 Fence Posts (32 31 56 00-0001)**32 31 56 00-0003 Fence Post Soil, Set In Concrete** (32 31 56 00-0002)

32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	70.07	6.45
		<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	112.45	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	92.54	6.45
		<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	149.97	

32 31 56 00-0006 Post In Rock (32 31 56 00-0002)

32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock.....	68.65	6.45
		<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	110.32	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock.....	91.12	6.45
		<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	147.84	

32 31 56 00-0009 Studded Steel T-Posts, Enamel Paint Finish (32 31 56 00-0001)

Note: Posts for barb wire, chain link or welded wire mesh.

32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	20.09	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	20.58	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	21.40	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth.....	22.24	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	23.30	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	26.06	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	31.02	

32 31 56 00-0017 Barbed Wire (32 31 56 00-0001)

Note: Per strand.

32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.70	0.32
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	0.79	0.32

32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts (32 31 56 00-0001)

Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.

32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts.....	8.56	2.10
		Note: Posts at 10' maximum.		

32 32 Retaining Walls (32 30)**32 32 13 Cast-In-Place Concrete Retaining Wall** (32 32)

Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	LF	4' High With Base, 10" Thick Reinforced	326.77	116.06
		<i>For >3:1 Sloped Soil At Top, Add</i>	8.05	
32 32 13 00-0002	LF	6' High With Base, 10" Thick Reinforced	408.03	142.80
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.40	
32 32 13 00-0003	LF	8' High With Base, 10" Thick Reinforced	444.79	154.04
		<i>For >3:1 Sloped Soil At Top, Add</i>	11.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 32 13 00-0004	LF		10' High With Base, 13" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	567.83 15.90	190.45
32 32 13 00-0005	LF		12' High With Base, 14" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	654.56 18.44	218.77
32 32 13 00-0006	LF		16' High With Base, 16" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	945.99 25.86	320.94
32 32 13 00-0007	LF		20' High With Base, 18" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	1,298.09 35.01	443.08
32 32 13 00-0008	LF		4' High With Base, 12" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	359.25 8.99	126.74
32 32 13 00-0009	LF		6' High With Base, 12" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	440.27 11.47	152.70
32 32 13 00-0010	LF		8' High With Base, 12" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	466.68 12.58	159.33
32 32 13 00-0011	LF		10' High With Base, 16" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	643.21 18.36	213.54
32 32 13 00-0012	LF		12' High With Base, 18" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	814.80 22.63	274.30
32 32 13 00-0013	LF		16' High With Base, 21" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	1,220.85 33.10	415.78
32 32 13 00-0014	LF		20' High With Base, 24" Thick Reinforced <i>For >3:1 Sloped Soil At Top, Add</i>	1,722.93 46.68	586.89

32 32 16 Precast Concrete Retaining Walls (32 32)

32 32 16 00-0001			Precast Retaining Walls (32 32 16) Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF		Precast Concrete Retaining Walls, 10-15' High Tied-back Earth Walls	80.98	11.15
32 32 16 00-0003	SF		Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	83.37	8.96
32 32 16 00-0004	SF		Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	86.62	7.47
32 32 16 00-0005	SF		Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	93.72	7.47
32 32 16 00-0006	SF		Precast Concrete Retaining Walls, >30' High Tied-back Earth Walls	99.28	6.37

32 32 23 Segmental Retaining Walls (32 32)
32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls (32 32 23)

32 32 23 13-0001			Modular Retaining Wall Systems (32 32 23 13) Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002			"Amastone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0003	SF		Up To 4' Height "Amastone" Type Modular Retaining Wall System..... <i>For >3:1 Sloped Soil At Top, Add</i>	67.35 4.41	7.76
32 32 23 13-0004	SF		4 To 8' Height "Amastone" Type Modular Retaining Wall System	71.07 4.65	8.16
32 32 23 13-0005	SF		8 To 12' Height "Amastone" Type Modular Retaining Wall System	73.94 4.76	8.98
32 32 23 13-0006	SF		12 To 16' Height "Amastone" Type Modular Retaining Wall System	76.99 4.88	9.80
32 32 23 13-0007			"Diamond" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0008	SF		Up To 4' Height "Diamond" Type Modular Retaining Wall System	70.06 4.64	7.76
32 32 23 13-0009	SF		4 To 8' Height "Diamond" Type Modular Retaining Wall System	73.77 4.88	8.16
32 32 23 13-0010	SF		8 To 12' Height "Diamond" Type Modular Retaining Wall System	76.64 4.99	8.98
32 32 23 13-0011	SF		12 To 16' Height "Diamond" Type Modular Retaining Wall System	79.70 5.11	9.80
32 32 23 13-0012			"Keystone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0013	SF		Up To 4' Height "Keystone" Type Modular Retaining Wall System..... <i>For >3:1 Sloped Soil At Top, Add</i>	76.54 5.19	7.76
32 32 23 13-0014	SF		4 To 8' Height "Keystone" Type Modular Retaining Wall System	80.25 5.43	8.16
32 32 23 13-0015	SF		8 To 12' Height "Keystone" Type Modular Retaining Wall System	83.12 5.54	8.98
32 32 23 13-0016	SF		12 To 16' Height "Keystone" Type Modular Retaining Wall System	86.17 5.66	9.80
32 32 23 13-0017			"Criblock" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0018	SF		Up To 4' Height "Criblock" Type Modular Retaining Wall System..... <i>For Gravel Backfill Instead Of Earth, Add</i> <i>For >3:1 Sloped Soil At Top, Add</i>	67.35 0.25 4.41	7.76
32 32 23 13-0019	SF		4 To 8' Height "Criblock" Type Modular Retaining Wall System	71.07 0.25 4.65	8.16
32 32 23 13-0020	SF		8 To 12' Height "Criblock" Type Modular Retaining Wall System	73.94 0.25 4.76	8.98

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 32 23 13-0021	SF 12 To 16' Height "Criblock" Type Modular Retaining Wall System <i>For Gravel Backfill Instead Of Earth, Add</i> <i>For >3:1 Sloped Soil At Top, Add</i>	76.99 0.25 4.88	9.80
32 32 23 13-0022	"Versa-Lok" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0023	SF Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	59.14 3.71	7.76
32 32 23 13-0024	SF 4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	65.56 4.18	8.16
32 32 23 13-0025	SF 8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	68.47 4.29	8.98
32 32 23 13-0026	SF 12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	71.02 4.37	9.80
32 32 23 13-0027	Retaining Wall Cap Block Restoration (32 32 23 13-0001) Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF Removal And Reinstall Retaining Wall Cap Block And Pins <i>For >3:1 Sloped Soil At Top, Add</i>	25.81 1.24	
32 32 26	Metal Crib Retaining Walls (32 32)		
32 32 26 00-0001	Aluminized Steel Bin (32 32 26) Note: Excludes excavation and backfill.		
32 32 26 00-0002	SF 4' High, 5.5' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	29.13 -2.09 1.78	4.13
32 32 26 00-0003	SF 8' High, 5.5' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	32.39 -2.41 2.05	4.13
32 32 26 00-0004	SF 10' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	34.60 -2.56 2.18	4.51
32 32 26 00-0005	SF 12' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	39.41 -2.92 2.49	5.09
32 32 26 00-0006	SF 16' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	38.13 -2.77 2.35	5.28
32 32 26 00-0007	SF 16' High, 9.9' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	42.24 -3.16 2.68	5.37
32 32 26 00-0008	SF 20' High, 9.9' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	46.74 -3.53 3.00	5.66
32 32 26 00-0009	SF 20' High, 12.1' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	47.88 -3.61 3.07	5.96
32 32 26 00-0010	SF 24' High, 12.1' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	50.25 -3.83 3.26	5.96
32 32 26 00-0011	SF 24' High, 14.3' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	52.59 -4.06 3.45	6.04
32 32 26 00-0012	SF 28' High, 14.3' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	54.31 -4.21 3.58	6.14
32 32 29	Timber Retaining Walls (32 32)		
32 32 29 00-0001	Wood Post Retaining Walls (32 32 29) Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0002	LF 4" x 4", 1' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	74.10 1.99	25.36
32 32 29 00-0003	LF 4" x 4", 2' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	145.00 3.89	49.66
32 32 29 00-0004	LF 4" x 4", 1' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	71.11 1.74	25.36
32 32 29 00-0005	LF 4" x 4", 2' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	139.18 3.39	49.66
32 32 29 00-0006	LF 4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	78.16 2.87	22.16
32 32 29 00-0007	LF 4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	153.05 5.64	43.34
32 32 29 00-0008	LF 4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	59.15 1.68	19.67
32 32 29 00-0009	LF 4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	106.96 3.04	35.60
32 32 29 00-0010	LF 6" x 6", 2' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	196.84 6.50	60.16
32 32 29 00-0011	LF 6" x 6", 4' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	388.79 13.01	117.93
32 32 29 00-0012	LF 6" x 6", 2' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	193.51 6.22	60.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	.....	380.48	117.93
		For >:3:1 Sloped Soil At Top, Add	.....	12.30	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	205.36	48.86
		For >:3:1 Sloped Soil At Top, Add	.....	9.15	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	408.20	96.48
		For >:3:1 Sloped Soil At Top, Add	.....	18.29	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	.....	135.61	39.08
		For >:3:1 Sloped Soil At Top, Add	.....	4.88	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	.....	266.84	76.46
		For >:3:1 Sloped Soil At Top, Add	.....	9.68	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	.....	488.72	130.40
		For >:3:1 Sloped Soil At Top, Add	.....	19.37	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	.....	914.28	243.43
		For >:3:1 Sloped Soil At Top, Add	.....	36.34	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	.....	472.08	130.40
		For >:3:1 Sloped Soil At Top, Add	.....	17.96	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	.....	882.68	243.43
		For >:3:1 Sloped Soil At Top, Add	.....	33.65	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	556.07	150.41
		For >:3:1 Sloped Soil At Top, Add	.....	21.69	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	.....	1,037.21	280.90
		For >:3:1 Sloped Soil At Top, Add	.....	40.41	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	.....	380.37	121.58
		For >:3:1 Sloped Soil At Top, Add	.....	11.66	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	.....	705.50	225.54
		For >:3:1 Sloped Soil At Top, Add	.....	21.63	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	141.87	50.11
		For >:3:1 Sloped Soil At Top, Add	.....	3.53	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	211.98	75.21
		For >:3:1 Sloped Soil At Top, Add	.....	5.23	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	.....	282.01	100.22
		For >:3:1 Sloped Soil At Top, Add	.....	6.93	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	97.41	28.30
		For >:3:1 Sloped Soil At Top, Add	.....	3.46	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	141.61	40.85
		For >:3:1 Sloped Soil At Top, Add	.....	5.09	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	.....	191.82	55.18
		For >:3:1 Sloped Soil At Top, Add	.....	6.93	
32 32 29 00-0032		Post And Board Retaining Walls <small>(32 32 29)</small>			
		Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.			
32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	60.27	15.05
		For >:3:1 Sloped Soil At Top, Add	.....	2.57	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	92.14	25.73
		For >:3:1 Sloped Soil At Top, Add	.....	3.46	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	.....	121.33	31.95
		For >:3:1 Sloped Soil At Top, Add	.....	4.88	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	169.53	45.31
		For >:3:1 Sloped Soil At Top, Add	.....	6.72	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	221.78	58.92
		For >:3:1 Sloped Soil At Top, Add	.....	8.84	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	456.06	116.60
		For >:3:1 Sloped Soil At Top, Add	.....	18.95	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	.....	516.06	129.15
		For >:3:1 Sloped Soil At Top, Add	.....	21.92	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	.....	61.11	15.66
		For >:3:1 Sloped Soil At Top, Add	.....	2.53	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	107.23	27.86
		For >:3:1 Sloped Soil At Top, Add	.....	4.38	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	105.38	27.33
		For >:3:1 Sloped Soil At Top, Add	.....	4.31	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	147.52	39.25
		For >:3:1 Sloped Soil At Top, Add	.....	5.87	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	.....	229.32	62.66
		For >:3:1 Sloped Soil At Top, Add	.....	8.84	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	.....	181.94	48.15
		For >:3:1 Sloped Soil At Top, Add	.....	7.28	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	.....	471.84	120.33
		For >:3:1 Sloped Soil At Top, Add	.....	19.65	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	.....	74.97	28.93
		For >:3:1 Sloped Soil At Top, Add	.....	1.45	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	.....	108.61	41.12
		For >:3:1 Sloped Soil At Top, Add	.....	2.24	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	.....	158.55	56.43
		For >:3:1 Sloped Soil At Top, Add	.....	3.89	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	.....	279.50	95.24
		For >:3:1 Sloped Soil At Top, Add	.....	7.56	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	.....	283.66	95.24
		For >:3:1 Sloped Soil At Top, Add	.....	7.92	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	.....	266.20	91.49
		For >:3:1 Sloped Soil At Top, Add	.....	7.07	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	.....	627.17	210.49
		For >:3:1 Sloped Soil At Top, Add	.....	17.53	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	.....	74.97	28.93
		For >:3:1 Sloped Soil At Top, Add	.....	1.45	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 32 29 00-0055	LF 4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking..... <i>For >3:1 Sloped Soil At Top, Add</i>	108.61 2.24	41.12
32 32 29 00-0056	LF 4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	158.55 3.89	56.43
32 32 29 00-0057	LF 6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking..... <i>For >3:1 Sloped Soil At Top, Add</i>	199.44 5.02	70.22
32 32 29 00-0058	LF 6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls..... <i>For >3:1 Sloped Soil At Top, Add</i>	279.50 7.56	95.24
32 32 29 00-0059	LF 6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	266.20 7.07	91.49
32 32 29 00-0060	LF 8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	627.17 17.53	210.49
32 32 29 00-0061	Wood Tie Retaining Walls, Rod Connector At 4' <small>(32 32 29)</small> Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0062	Redwood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0063	LF 2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	101.59 3.39	30.80
32 32 29 00-0064	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	231.88 7.78	70.22
32 32 29 00-0065	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	347.03 11.59	105.29
32 32 29 00-0066	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	338.49 13.43	90.25
32 32 29 00-0067	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	508.69 20.22	135.38
32 32 29 00-0068	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	672.02 26.86	178.01
32 32 29 00-0069	Cedar <small>(32 32 29 00-0061)</small>		
32 32 29 00-0070	LF 2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	99.93 3.25	30.80
32 32 29 00-0071	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	226.89 7.35	70.22
32 32 29 00-0072	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	340.37 11.03	105.29
32 32 29 00-0073	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	326.85 12.44	90.25
32 32 29 00-0074	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	492.05 18.80	135.38
32 32 29 00-0075	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	648.73 24.88	178.01
32 32 29 00-0076	Pressure Treated Wood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0077	LF 2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	88.41 3.19	25.46
32 32 29 00-0078	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	200.98 7.28	57.67
32 32 29 00-0079	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	301.06 10.89	86.51
32 32 29 00-0080	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	325.28 9.97	104.05
32 32 29 00-0081	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	488.88 15.13	155.49
32 32 29 00-0082	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	648.00 19.94	206.76
32 32 53 Stone Retaining Walls <small>(32 32)</small>			
32 32 53 00-0001	Stone Retaining Walls <small>(32 32 53)</small> Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
32 32 53 00-0002	Stone Retaining Walls <small>(32 32 53 00-0001)</small> Note: Stone at \$16.00/ton.		
32 32 53 00-0003	LF \$16.00/ton 3' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	397.02 2.49	183.84
32 32 53 00-0004	LF \$16.00/ton 4' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	469.47 2.72	218.71
32 32 53 00-0005	LF \$16.00/ton 6' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	618.59 3.18	290.58
32 32 53 00-0006	LF \$16.00/ton 8' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	957.07 4.11	454.33
32 32 53 00-0007	LF \$16.00/ton 10' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,245.88 4.86	594.32
32 32 53 00-0008	LF \$16.00/ton 12' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,547.66 5.73	740.09
32 32 53 00-0009	LF \$16.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	354.82 2.49	162.77
32 32 53 00-0010	LF \$16.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	417.20 2.72	192.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 32 53 00-0011	LF		\$16.00/ton 6' High Stone Retaining Wall, Mortar Set.....	541.44	251.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.18	
32 32 53 00-0012	LF		\$16.00/ton 8' High Stone Retaining Wall, Mortar Set.....	832.88	392.27
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.11	
32 32 53 00-0013	LF		\$16.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,071.68	507.25
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.86	
32 32 53 00-0014	LF		\$16.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,332.77	632.70
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.73	

32 32 53 00-0015 Stone Retaining Walls (32 32 53 00-0001)

Note: Stone at \$32.00/ton.

32 32 53 00-0016	LF		\$32.00/ton 3' High Stone Retaining Wall, Dry Set	405.87	183.84
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.24	
32 32 53 00-0017	LF		\$32.00/ton 4' High Stone Retaining Wall, Dry Set	481.73	218.71
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.76	
32 32 53 00-0018	LF		\$32.00/ton 6' High Stone Retaining Wall, Dry Set	636.30	290.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.69	
32 32 53 00-0019	LF		\$32.00/ton 8' High Stone Retaining Wall, Dry Set	982.94	454.33
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.31	
32 32 53 00-0020	LF		\$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,281.29	594.32
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.87	
32 32 53 00-0021	LF		\$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,592.60	740.09
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.55	
32 32 53 00-0022	LF		\$32.00/ton 3' High Stone Retaining Wall, Mortar Set.....	363.67	162.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.24	
32 32 53 00-0023	LF		\$32.00/ton 4' High Stone Retaining Wall, Mortar Set.....	429.46	192.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.76	
32 32 53 00-0024	LF		\$32.00/ton 6' High Stone Retaining Wall, Mortar Set.....	559.15	251.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.69	
32 32 53 00-0025	LF		\$32.00/ton 8' High Stone Retaining Wall, Mortar Set.....	858.75	392.27
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.31	
32 32 53 00-0026	LF		\$32.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,107.09	507.25
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.87	
32 32 53 00-0027	LF		\$32.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,377.71	632.70
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.55	

32 32 53 00-0028 Stone Retaining Walls (32 32 53 00-0001)

Note: Stone at \$48.00/ton.

32 32 53 00-0029	LF		\$48.00/ton 3' High Stone Retaining Wall, Dry Set	415.40	183.84
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.05	
32 32 53 00-0030	LF		\$48.00/ton 4' High Stone Retaining Wall, Dry Set	493.85	218.71
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.79	
32 32 53 00-0031	LF		\$48.00/ton 6' High Stone Retaining Wall, Dry Set	653.32	290.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.14	
32 32 53 00-0032	LF		\$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,008.82	454.33
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.51	
32 32 53 00-0033	LF		\$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,316.69	594.32
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.88	
32 32 53 00-0034	LF		\$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,638.23	740.09
			<i>For >3:1 Sloped Soil At Top, Add</i>	13.43	
32 32 53 00-0035	LF		\$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	373.20	162.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.05	
32 32 53 00-0036	LF		\$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	441.72	192.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.80	
32 32 53 00-0037	LF		\$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	576.17	251.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.14	
32 32 53 00-0038	LF		\$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	884.63	392.27
			<i>For >3:1 Sloped Soil At Top, Add</i>	8.51	
32 32 53 00-0039	LF		\$48.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,142.49	507.25
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.88	
32 32 53 00-0040	LF		\$48.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,423.34	632.70
			<i>For >3:1 Sloped Soil At Top, Add</i>	13.43	

32 32 53 00-0041 Stone Retaining Walls (32 32 53 00-0001)

Note: Stone at \$64.00/ton.

32 32 53 00-0042	LF		\$64.00/ton 3' High Stone Retaining Wall, Dry Set	424.94	183.84
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.86	
32 32 53 00-0043	LF		\$64.00/ton 4' High Stone Retaining Wall, Dry Set	492.63	218.71
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.69	
32 32 53 00-0044	LF		\$64.00/ton 6' High Stone Retaining Wall, Dry Set	671.70	290.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.70	
32 32 53 00-0045	LF		\$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,036.05	454.33
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.82	
32 32 53 00-0046	LF		\$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,353.46	594.32
			<i>For >3:1 Sloped Soil At Top, Add</i>	14.01	
32 32 53 00-0047	LF		\$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,684.53	740.09
			<i>For >3:1 Sloped Soil At Top, Add</i>	17.36	
32 32 53 00-0048	LF		\$64.00/ton 3' High Stone Retaining Wall, Mortar Set.....	382.74	162.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.86	
32 32 53 00-0049	LF		\$64.00/ton 4' High Stone Retaining Wall, Mortar Set.....	453.97	192.58
			<i>For >3:1 Sloped Soil At Top, Add</i>	5.85	
32 32 53 00-0050	LF		\$64.00/ton 6' High Stone Retaining Wall, Mortar Set.....	594.55	251.95
			<i>For >3:1 Sloped Soil At Top, Add</i>	7.70	
32 32 53 00-0051	LF		\$64.00/ton 8' High Stone Retaining Wall, Mortar Set.....	911.86	392.27
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.82	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0052	LF		\$64.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,179.26 14.01	507.25
32 32 53 00-0053	LF		\$64.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,469.64 17.36	632.70
32 33 Site Furnishings (32 30)					
32 33 13 Site Bicycle Racks (32 33)					
32 33 13 00-0001			Bicycle Organizer And Rack (32 33 13)		
32 33 13 00-0002			Vertical Style Bike Racks Single/Double Sided, Galvanized (32 33 13 00-0001)		
32 33 13 00-0003			Double Sided (32 33 13 00-0002)		
32 33 13 00-0004	EA		5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	508.21	103.09
32 33 13 00-0005	EA		10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	771.50	169.35
32 33 13 00-0006	EA		20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	1,317.43	257.72
32 33 13 00-0007			Single Sided (32 33 13 00-0002)		
32 33 13 00-0008	EA		5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	445.46	92.04
32 33 13 00-0009	EA		10' Galvanized Steel Single Sided Bike Rack.....	636.70	153.16
32 33 13 00-0010	EA		20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	1,082.11	230.11
32 33 13 00-0011			Anchor Set For Vertical Style Bike Rack (32 33 13 00-0002)		
32 33 13 00-0012	PR		Anchor Set For Vertical Style Bike Rack..... Note: Anchoring frame to ground.	91.65	
32 33 13 00-0013			Bike Racks Ground Loop (32 33 13 00-0001) Note: In-ground mount.		
32 33 13 00-0014	EA		83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	701.36	180.62
32 33 13 00-0015			Serpentine Bike Racks (32 33 13 00-0001) Note: In-ground mount.		
32 33 13 00-0016			Galvanized, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0017	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized.....	393.94	110.45
32 33 13 00-0018	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized.....	523.48	119.66
32 33 13 00-0019	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized.....	653.01	128.86
32 33 13 00-0020	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized.....	798.42	138.06
32 33 13 00-0021	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized.....	943.83	147.27
32 33 13 00-0022	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized.....	1,025.75	156.47
32 33 13 00-0023			Galvanized, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0024	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized.....	440.48	110.45
32 33 13 00-0025	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized.....	557.03	119.66
32 33 13 00-0026	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized.....	673.58	128.86
32 33 13 00-0027	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized.....	777.86	138.06
32 33 13 00-0028	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized.....	894.40	147.27
32 33 13 00-0029	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized.....	1,035.49	156.47
32 33 13 00-0030			Powder Coated, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0031	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated.....	393.94	110.45
32 33 13 00-0032	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated.....	523.48	119.66
32 33 13 00-0033	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated.....	653.01	128.86
32 33 13 00-0034	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated.....	798.42	138.06
32 33 13 00-0035	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated.....	943.83	147.27
32 33 13 00-0036	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated.....	1,025.75	156.47
32 33 13 00-0037			Powder Coated, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0038	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated.....	452.75	110.45
32 33 13 00-0039	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated.....	581.56	119.66
32 33 13 00-0040	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated.....	698.11	128.86
32 33 13 00-0041	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated.....	839.19	138.06
32 33 13 00-0042	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated.....	955.73	147.27
32 33 13 00-0043	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated.....	1,109.09	156.47
32 33 13 00-0044			Stainless Steel, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0045	EA		1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel.....	706.67	110.45
32 33 13 00-0046	EA		3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel.....	1,037.02	119.66
32 33 13 00-0047	EA		5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel.....	1,367.40	128.86
32 33 13 00-0048	EA		7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel.....	1,742.33	138.06
32 33 13 00-0049	EA		9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel.....	2,117.25	147.27
32 33 13 00-0050	EA		11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel.....	2,313.93	156.47
32 33 13 00-0051			Stainless Steel, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 13 00-0052	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	563.15	110.45
32 33 13 00-0053	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,194.92	119.66
32 33 13 00-0054	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,556.82	128.86
32 33 13 00-0055	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,894.17	138.06
32 33 13 00-0056	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,243.79	147.27
32 33 13 00-0057	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,605.69	156.47
32 33 13 00-0058			Bike Racks Bollards/Bicycle Posts (32 33 13 00-0001)		
			Note: In-ground mount.		
32 33 13 00-0059	EA		43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	413.79	82.84
32 33 23			Site Trash and Litter Receptacles (32 33)		
32 33 23 00-0001			Steel Trash Containment (32 33 23)		
32 33 23 00-0002			Steel Frame Surrounded With Kiln-Dried Wood (32 33 23 00-0001)		
32 33 23 00-0003	EA		13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	342.35	44.02
32 33 23 00-0004	EA		24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	327.97	44.02
32 33 23 00-0005	EA		21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	327.97	44.02
32 33 23 00-0006	EA		24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	311.79	44.02
32 33 23 00-0007	EA		18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	342.35	44.02
32 33 23 00-0008	EA		23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	311.79	44.02
32 33 23 00-0009	EA		24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	417.87	44.02
32 33 23 00-0010			Square Steel Frames Surrounded With Flat Steel (32 33 23 00-0001)		
32 33 23 00-0011	EA		26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	598.83	44.02
32 33 23 00-0012	EA		26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	644.52	44.02
32 33 23 00-0013	EA		26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	644.52	44.02
32 33 23 00-0014			Round Steel Pipe And Flat Steel Frames (32 33 23 00-0001)		
			Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA		21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	873.00	44.02
32 33 23 00-0016	EA		21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	938.28	44.02
32 33 23 00-0017	EA		21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,077.00	44.02
32 33 23 00-0018	EA		21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	979.08	44.02
32 33 23 00-0019			Round Steel Pipe Surrounded With Perforated (32 33 23 00-0001)		
32 33 23 00-0020	EA		21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	783.24	44.02
32 33 23 00-0021	EA		21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	848.52	44.02
32 33 23 00-0022	EA		21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	987.24	44.02
32 33 23 00-0023	EA		21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	897.48	44.02
32 33 23 00-0024			Round Steel Pipe Frames Surrounded With Welded Wire (32 33 23 00-0001)		
32 33 23 00-0025	EA		21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	628.20	44.02
32 33 23 00-0026	EA		21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	693.48	44.02
32 33 23 00-0027	EA		21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	832.20	44.02
32 33 23 00-0028	EA		21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	742.44	44.02
32 33 23 00-0029			Litter Baskets (32 33 23)		
32 33 23 00-0030			Round Wire Litter Baskets (32 33 23 00-0029)		
32 33 23 00-0031	EA		1.33' Diameter x 1.83' High Round Wire Litter Basket	108.18	4.47
32 33 23 00-0032	EA		1.5' Diameter x 1.83' High Round Wire Litter Basket	136.10	4.47
32 33 23 00-0033	EA		1.75' Diameter x 2.33' High Round Wire Litter Basket	183.48	4.47
32 33 23 00-0034	EA		1.83' Diameter x 2.83' High Round Wire Litter Basket	210.22	4.47
32 33 23 00-0035			Trash Can/Wire Basket Holder (32 33 23 00-0029)		
32 33 23 00-0036	EA		Steel Post, Single Holder	166.81	35.95
32 33 23 00-0037	EA		Steel Post, Double Holder	220.25	35.95
32 33 23 00-0038	EA		Redwood Post, Single Holder	119.24	35.95
32 33 23 00-0039	EA		Redwood Post, Double Holder	139.17	35.95
32 33 23 00-0040			Litter Receptacles, Freestanding (32 33 23 00-0029)		
			Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA		16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	863.81	18.34
			For Powder Coated Sand Pan, Add	50.00	
			For Orange Peel Lid, Add	25.00	
			For Polished Granite Lid, Add	50.00	
32 33 23 00-0042	EA		16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	908.76	18.34
			For Powder Coated Sand Pan, Add	50.00	
			For Orange Peel Lid, Add	25.00	
			For Polished Granite Lid, Add	50.00	

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
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32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,061.97	27.51
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,106.92	27.51
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole.....	1,151.88	27.51
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole.....	1,196.83	27.51
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount.....	955.73	23.84
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
		<i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	20.00	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,000.69	23.84
		<i>For Powder Coated Sand Pan, Add</i>	50.00	
		<i>For Orange Peel Lid, Add</i>	25.00	
		<i>For Polished Granite Lid, Add</i>	50.00	
		<i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	20.00	
32 33 23 00-0049		Ash Receptacles (32 33 23)		
32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded.....	575.34	18.34
		<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50	
		<i>For Sand Pan, Add</i>	110.00	
		<i>For Bowl And Funnel, Add</i>	120.00	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	241.40	18.34
32 33 23 00-0052		Trash Receptacles (32 33 23)		
32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner.....	710.97	18.34
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame.....	390.51	18.34
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish.....	621.18	18.34
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish.....	647.79	20.17
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish.....	697.30	22.00
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber.....	214.24	14.67
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber.....	252.76	14.67
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass.....	305.32	18.34
32 33 23 00-0061		Trash Containers (Dumpsters) (32 33 23)		
32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster.....	173.93	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster.....	260.89	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster.....	347.85	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster.....	347.85	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster.....	521.78	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster.....	695.71	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster.....	1,043.56	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster.....	1,391.42	
32 33 33		Site Manufactured Planters (32 33)		
32 33 33 00-0001		Precast Concrete Planters (32 33 33)		
32 33 33 00-0002		Circular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter.....	482.58	21.94
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter.....	541.25	26.32
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter.....	591.13	26.32
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter.....	642.45	30.72
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter.....	778.85	39.49
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter.....	846.34	39.49
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter.....	953.44	43.88
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter.....	1,006.26	43.88
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter.....	1,123.57	54.86
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter.....	1,195.15	58.36
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,245.30	61.43
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter.....	1,130.39	54.86
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter.....	1,243.84	61.43
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,588.60	65.83
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter.....	2,060.95	83.38
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter.....	2,391.05	87.77
32 33 33 00-0019		Square Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter.....	977.84	57.05
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter.....	1,118.04	61.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0022 EA 60" Square, 36" Height, Square Precast Concrete Planter.....	1,755.85	70.21
32 33 33 00-0023 EA 72" Square, 36" Height, Square Precast Concrete Planter.....	1,873.20	74.60
32 33 33 00-0024 Rectangular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0025 EA 33" x 18", 20" Height, Rectangular Precast Concrete Planter.....	563.26	26.32
32 33 33 00-0026 EA 48" x 18", 20" Height, Rectangular Precast Concrete Planter.....	664.41	39.49
32 33 33 00-0027 EA 60" x 18", 20" Height, Rectangular Precast Concrete Planter.....	770.03	43.88
32 33 33 00-0028 EA 72" x 18", 20" Height, Rectangular Precast Concrete Planter.....	878.54	54.86
32 33 33 00-0029 Fiberglass Planters (32 33 33)		
32 33 33 00-0030 Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0031 EA 36" Diameter, 27" High, Circular Fiberglass Planter.....	1,175.71	21.94
32 33 33 00-0032 EA 60" Diameter, 39" High, Circular Fiberglass Planter.....	1,955.74	21.94
32 33 33 00-0033 EA 36" Diameter, 24" High, Circular Fiberglass Planter.....	784.30	21.94
32 33 33 00-0034 EA 60" Diameter, 24" High, Circular Fiberglass Planter.....	1,544.54	21.94
32 33 33 00-0035 Tapered Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0036 EA 24" Diameter, 20" High, Tapered Circular Fiberglass Planter.....	458.26	21.94
32 33 33 00-0037 EA 30" Diameter, 25" High, Tapered Circular Fiberglass Planter.....	671.24	21.94
32 33 33 00-0038 EA 36" Diameter, 30" High, Tapered Circular Fiberglass Planter.....	1,195.50	21.94
32 33 33 00-0039 EA 40" Diameter, 36" High, Tapered Circular Fiberglass Planter.....	1,668.89	21.94
32 33 33 00-0040 Square Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0041 EA 24" Square, 21" High, Square Fiberglass Planter.....	601.37	21.94
32 33 33 00-0042 EA 24" Square, 24" High, Square Fiberglass Planter.....	614.72	21.94
32 33 33 00-0043 EA 30" Square, 12" High, Square Fiberglass Planter.....	621.78	21.94
32 33 33 00-0044 EA 30" Square, 21" High, Square Fiberglass Planter.....	705.16	21.94
32 33 33 00-0045 EA 30" Square, 24" High, Square Fiberglass Planter.....	765.91	21.94
32 33 33 00-0046 Rectangular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0047 EA 48" x 12", 12" High, Rectangular Fiberglass Planter.....	691.96	21.94
32 33 33 00-0048 EA 48" x 12", 21" High, Rectangular Fiberglass Planter.....	741.78	21.94
32 33 33 00-0049 EA 48" x 24", 12" High, Rectangular Fiberglass Planter.....	966.13	21.94
32 33 33 00-0050 EA 48" x 24", 21" High, Rectangular Fiberglass Planter.....	1,065.77	21.94
32 33 33 00-0051 Timber Planters (32 33 33)		
32 33 33 00-0052 Square Timber Planters (32 33 33 00-0051)		
32 33 33 00-0053 EA 14" Square, 30" High, Square Timber Planter.....	463.44	44.02
32 33 33 00-0054 EA 21" Square, 30" High, Square Timber Planter.....	463.44	44.02
32 33 33 00-0055 EA 27" Square, 30" High, Square Timber Planter.....	882.15	44.02
32 33 33 00-0056 EA 34" Square, 30" High, Square Timber Planter.....	764.21	44.02
32 33 33 00-0057 EA 41" Square, 36" High, Square Timber Planter.....	911.64	44.02
32 33 33 00-0058 EA 54" Square, 36" High, Square Timber Planter.....	2,350.59	44.02
32 33 33 00-0059 EA 81" Square, 36" High, Square Timber Planter.....	3,535.95	44.02
32 33 33 00-0060 Rectangular Timber Planters (32 33 33 00-0051)		
32 33 33 00-0061 EA 21" x 14", 30" High, Rectangular Timber Planter.....	457.55	44.02
32 33 33 00-0062 EA 27" x 14", 30" High, Rectangular Timber Planter.....	510.62	44.02
32 33 33 00-0063 EA 27" x 21", 30" High, Rectangular Timber Planter.....	669.85	44.02
32 33 33 00-0064 EA 34" x 21", 30" High, Rectangular Timber Planter.....	740.62	44.02
32 33 33 00-0065 EA 41" x 21", 30" High, Rectangular Timber Planter.....	952.92	44.02
32 33 33 00-0066 EA 34" x 27", 30" High, Rectangular Timber Planter.....	1,106.25	44.02
32 33 33 00-0067 EA 41" x 27", 30" High, Rectangular Timber Planter.....	1,235.99	44.02
32 33 33 00-0068 EA 54" x 27", 30" High, Rectangular Timber Planter.....	1,607.52	44.02
32 33 33 00-0069 EA 54" x 34", 30" High, Rectangular Timber Planter.....	1,813.93	44.02
32 33 33 00-0070 EA 68" x 34", 36" High, Rectangular Timber Planter.....	2,067.52	44.02
32 33 33 00-0071 EA 54" x 41", 36" High, Rectangular Timber Planter.....	1,967.26	44.02
32 33 33 00-0072 EA 68" x 41", 36" High, Rectangular Timber Planter.....	2,226.74	44.02
32 33 33 00-0073 EA 81" x 41", 36" High, Rectangular Timber Planter.....	2,492.12	44.02
32 33 43 Site Seating And Tables (32 33)		
32 33 43 13 Site Seating (32 33 43)		
32 33 43 13-0001 Benches (Landscapeforms) (32 33 43 13)		
Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade).....	1,411.73	73.36
32 33 43 13-0003 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade).....	1,765.93	73.36
32 33 43 13-0004 EA 96" Backed Wood Bench (Landscapeforms Balustrade).....	1,993.63	73.36
32 33 43 13-0005 EA End Loop Arms For Backed Bench (Landscapeforms Balustrade).....	163.18	18.34
32 33 43 13-0006 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,543.73	73.36
32 33 43 13-0007 EA 96" Backless Wood Bench (Landscapeforms Gretchen's).....	1,747.23	73.36
32 33 43 13-0008 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,906.73	73.36
32 33 43 13-0009 EA 96" Backed Wood Bench (Landscapeforms Gretchen's).....	2,154.23	73.36
32 33 43 13-0010 EA 72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's).....	2,181.73	73.36

32 Exterior Improvements

32 30 Site Improvements

32 33 Site Furnishings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 43 13-0011	EA	96"	Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,429.23	73.36
32 33 43 13-0012	EA	59"	Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,833.59	73.36
32 33 43 13-0013	EA	75"	Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,080.21	73.36
32 33 43 13-0014	EA	42"	Backless Metal Grid Bench (Landscapeforms Manistee)	797.99	55.02
32 33 43 13-0015	EA	62"	Backless Metal Grid Bench (Landscapeforms Manistee)	862.89	55.02
32 33 43 13-0016	EA	72"	Backless Metal Grid Bench (Landscapeforms Manistee)	933.14	64.19
32 33 43 13-0017	EA	82"	Backless Metal Grid Bench (Landscapeforms Manistee)	1,088.90	64.19
32 33 43 13-0018	EA	42"	Backed Metal Grid Bench (Landscapeforms Manistee)	998.04	64.19
32 33 43 13-0019	EA	62"	Backed Metal Grid Bench (Landscapeforms Manistee)	1,062.94	64.19
32 33 43 13-0020	EA	72"	Backed Metal Grid Bench (Landscapeforms Manistee)	1,146.19	73.36
32 33 43 13-0021	EA	82"	Backed Metal Grid Bench (Landscapeforms Manistee)	1,314.93	73.36
32 33 43 13-0022	EA	42"	Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,114.86	64.19
32 33 43 13-0023	EA	62"	Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,198.11	73.36
32 33 43 13-0024	EA	72"	Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,263.01	73.36
32 33 43 13-0025	EA	82"	Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,431.75	73.36
32 33 43 13-0026	EA	72"	Backless Solid Wood Bench (Landscapeforms Palisade)	2,280.73	73.36
32 33 43 13-0027	EA	96"	Backless Solid Wood Bench (Landscapeforms Palisade)	2,621.73	73.36
32 33 43 13-0028	EA	70"	Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,462.33	73.36
32 33 43 13-0029	EA	70"	Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,765.93	73.36
32 33 43 13-0030	EA	70"	Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,917.73	73.36
32 33 43 13-0031	EA	72"	Backed Wood Bench (Landscapeforms Plainwell)	1,868.23	73.36
32 33 43 13-0032	EA	72"	Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,071.73	73.36
32 33 43 13-0033	EA	96"	Backed Wood Bench (Landscapeforms Plainwell)	2,291.73	73.36
32 33 43 13-0034	EA	96"	Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,495.23	73.36
32 33 43 13-0035	EA	96"	Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,704.23	73.36
32 33 43 13-0036	EA	72"	Backed Aluminum Bench (Landscapeforms Plainwell)	2,379.73	73.36
32 33 43 13-0037	EA	72"	Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,583.23	73.36
32 33 43 13-0038	EA	96"	Backed Aluminum Bench (Landscapeforms Plainwell)	2,918.73	73.36
32 33 43 13-0039	EA	96"	Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,133.23	73.36
32 33 43 13-0040	EA	96"	Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,331.23	73.36
32 33 43 13-0041	EA		Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	542.68	18.34
32 33 43 13-0042	EA		Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	729.68	18.34
32 33 43 13-0043	EA		Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	729.68	18.34
32 33 43 13-0044	EA		Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	663.68	18.34
32 33 43 13-0045	EA		Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	823.18	18.34
32 33 43 13-0046	EA		Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	823.18	18.34
32 33 43 13-0047	EA		Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	823.18	18.34
32 33 43 13-0048	EA		Armrest For Metal Grid Seats (Landscapeforms Plexus)	126.50	18.34
32 33 43 13-0049	EA		Backless Straight Metal Grid Seats (Landscapeforms Presidio)	762.68	18.34
32 33 43 13-0050	EA		Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	845.18	18.34
32 33 43 13-0051	EA		Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	927.68	18.34
32 33 43 13-0052	EA		Backless Angled Metal Grid Seats (Landscapeforms Presidio)	922.18	18.34
32 33 43 13-0053	EA		Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,004.68	18.34
32 33 43 13-0054	EA		Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,087.18	18.34
32 33 43 13-0055	EA		Backed Straight Metal Grid Seats (Landscapeforms Presidio)	911.18	18.34
32 33 43 13-0056	EA		Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	993.68	18.34
32 33 43 13-0057	EA		Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,076.18	18.34
32 33 43 13-0058	EA		Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,114.68	18.34
32 33 43 13-0059	EA		Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,197.18	18.34
32 33 43 13-0060	EA		Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,279.68	18.34
32 33 43 13-0061	EA		Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,114.68	18.34
32 33 43 13-0062	EA		Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,197.18	18.34
32 33 43 13-0063	EA		Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,279.68	18.34
32 33 43 13-0064	EA	48"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,521.73	73.36
32 33 43 13-0065	EA	72"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,543.73	73.36
32 33 43 13-0066	EA	96"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,879.23	73.36
32 33 43 13-0067	EA	48"	Backless Woven Bench (Landscapeforms Scarborough)	2,280.73	73.36
32 33 43 13-0068	EA	72"	Backless Woven Bench (Landscapeforms Scarborough)	2,693.23	73.36
32 33 43 13-0069	EA	96"	Backless Woven Bench (Landscapeforms Scarborough)	3,083.73	73.36
32 33 43 13-0070	EA	24"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,224.73	73.36
32 33 43 13-0071	EA	48"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,631.73	73.36
32 33 43 13-0072	EA	72"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,670.23	73.36
32 33 43 13-0073	EA	72"	Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,923.23	73.36
32 33 43 13-0074	EA	96"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,170.73	73.36
32 33 43 13-0075	EA	96"	Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,429.23	73.36
32 33 43 13-0076	EA	96"	Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,682.23	73.36
32 33 43 13-0077	EA	24"	Backed Woven Bench (Landscapeforms Scarborough)	2,170.73	73.36
32 33 43 13-0078	EA	48"	Backed Woven Bench (Landscapeforms Scarborough)	2,627.23	73.36
32 33 43 13-0079	EA	72"	Backed Woven Bench (Landscapeforms Scarborough)	3,072.73	73.36
32 33 43 13-0080	EA	96"	Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,331.23	73.36
32 33 43 13-0081	EA	96"	Backed Woven Bench (Landscapeforms Scarborough)	3,881.23	73.36
32 33 43 13-0082	EA	96"	Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,134.23	73.36
32 33 43 13-0083	EA	96"	Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,381.73	73.36
32 33 43 13-0084	EA	32"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,035.88	64.19
32 33 43 13-0085	EA	49"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,250.38	64.19
32 33 43 13-0086	EA	49"	Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,365.88	64.19
32 33 43 13-0087	EA	70"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,598.73	73.36
32 33 43 13-0088	EA	70"	Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,813.23	73.36

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) (32 33 43 13)

32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	521.30	36.68
32 33 43 13-0092	EA	94"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	595.12	36.68

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E).....	757.49	36.68
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P).....	543.46	36.68
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P).....	617.27	36.68
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P).....	787.02	36.68
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E).....	787.02	36.68
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E).....	912.48	36.68
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E).....	1,170.80	36.68
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P).....	823.92	36.68
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P).....	949.39	36.68
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P).....	1,222.46	36.68
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E).....	1,502.91	36.68
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E).....	1,761.23	36.68
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E).....	2,300.00	36.68
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P).....	1,539.82	36.68
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P).....	1,798.13	36.68
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P).....	2,351.66	36.68
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	602.51	36.68
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	676.31	36.68
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	624.65	36.68
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	698.45	36.68
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E).....	993.67	36.68
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	1,170.80	36.68
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P).....	1,052.71	36.68
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P).....	1,229.84	36.68
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6).....	641.76	55.02
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8).....	671.28	55.02
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	900.07	55.02
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E).....	491.80	36.68
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	565.61	36.68
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	639.41	36.68
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E).....	816.54	36.68
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E).....	890.34	36.68
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	499.18	36.68
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	572.99	36.68
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	646.79	36.68
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	838.68	36.68
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	912.48	36.68
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	831.30	36.68
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	956.77	36.68
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	1,229.84	36.68
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	1,355.31	36.68
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	846.06	36.68
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	971.53	36.68
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	1,251.98	36.68
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	1,377.45	36.68
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	831.30	36.68
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	1,163.42	36.68
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	1,037.95	36.68
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	1,362.69	36.68
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	1,488.15	36.68
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	949.39	36.68
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	1,185.56	36.68
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	1,052.71	36.68
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	1,384.83	36.68
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	1,510.29	36.68
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6).....	885.31	55.02
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8).....	1,018.16	55.02
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10).....	1,298.61	55.02
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6).....	966.49	55.02
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8).....	1,099.34	55.02
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10).....	1,424.08	55.02
32 33 43 13-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)		
		Note: Includes powder coated steel frames.		
32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E).....	705.83	36.68

32 Exterior Improvements

32 30 Site Improvements

32 33 Site Furnishings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0156	EA		94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E).....	956.77	36.68
32 33 43 13-0157	EA		70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	727.97	36.68
32 33 43 13-0158	EA		94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	978.91	36.68
32 33 43 13-0159	EA		46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,096.99	36.68
32 33 43 13-0160	EA		70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	1,281.50	36.68
32 33 43 13-0161	EA		46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,156.04	36.68
32 33 43 13-0162	EA		70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	1,340.55	36.68
32 33 43 13-0163	EA		70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	715.56	55.02
32 33 43 13-0164	EA		94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	855.79	55.02
32 33 43 13-0165	EA		118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,003.40	55.02
32 33 43 13-0166	EA		70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	580.35	36.68
32 33 43 13-0167	EA		94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	772.25	36.68
32 33 43 13-0168	EA		118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	919.85	36.68
32 33 43 13-0169	EA		70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	602.51	36.68
32 33 43 13-0170	EA		94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	794.40	36.68
32 33 43 13-0171	EA		118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	949.39	36.68
32 33 43 13-0172	EA		70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	912.48	36.68
32 33 43 13-0173	EA		94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,222.46	36.68
32 33 43 13-0174	EA		118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	1,480.77	36.68
32 33 43 13-0175	EA		70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	949.39	36.68
32 33 43 13-0176	EA		94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	1,274.12	36.68
32 33 43 13-0177	EA		118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	1,532.44	36.68
32 33 43 13-0178	EA		70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	1,761.23	36.68
32 33 43 13-0179	EA		94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	2,418.08	36.68
32 33 43 13-0180	EA		118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	2,676.40	36.68
32 33 43 13-0181	EA		70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	1,798.13	36.68
32 33 43 13-0182	EA		94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	2,469.74	36.68
32 33 43 13-0183	EA		118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	2,728.06	36.68
32 33 43 13-0184	EA		70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,111.75	36.68
32 33 43 13-0185	EA		82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	1,539.82	36.68
32 33 43 13-0186	EA		94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	1,473.39	36.68
32 33 43 13-0187	EA		118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	1,687.42	36.68
32 33 43 13-0188	EA		142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	2,263.09	36.68
32 33 43 13-0189	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,126.51	36.68
32 33 43 13-0190	EA		82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	1,561.96	36.68
32 33 43 13-0191	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	1,495.53	36.68
32 33 43 13-0192	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	1,709.56	36.68
32 33 43 13-0193	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	2,300.00	36.68
32 33 43 13-0194	EA		70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 6)	1,069.82	55.02
32 33 43 13-0195	EA		94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 8)	1,431.46	55.02
32 33 43 13-0196	EA		118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 10)	1,763.58	55.02
32 33 43 13-0197	EA		70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,195.29	55.02
32 33 43 13-0198	EA		94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	1,586.45	55.02
32 33 43 13-0199	EA		118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	1,741.43	55.02
32 33 43 13-0200	EA		46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	521.32	36.68
32 33 43 13-0201	EA		70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	676.31	36.68
32 33 43 13-0202	EA		94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	905.10	36.68
32 33 43 13-0203	EA		118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,060.09	36.68
32 33 43 13-0204	EA		142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	1,229.84	36.68
32 33 43 13-0205	EA		46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	536.08	36.68
32 33 43 13-0206	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	691.07	36.68
32 33 43 13-0207	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	927.24	36.68
32 33 43 13-0208	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,082.23	36.68
32 33 43 13-0209	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	1,259.36	36.68
32 33 43 13-0210	EA		70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	993.67	36.68
32 33 43 13-0211	EA		94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	1,355.31	36.68
32 33 43 13-0212	EA		118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	1,665.28	36.68
32 33 43 13-0213	EA		142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	1,871.93	36.68
32 33 43 13-0214	EA		70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,008.43	36.68
32 33 43 13-0215	EA		94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	1,377.45	36.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 43 13-0216	EA		118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	1,687.42	36.68
32 33 43 13-0217	EA		142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	1,901.45	36.68

32 33 43 53 Site Tables (32 33 43)

32 33 43 53-0001 Picnic Tables (32 33 43 53)

32 33 43 53-0002 Concrete Picnic Tables (32 33 43 53-0001)

32 33 43 53-0003	EA		72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT).....	1,539.42	146.73
32 33 43 53-0004	EA		96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT).....	1,814.24	
			Note: Standard sealer		
32 33 43 53-0005	EA		102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA).....	1,819.66	
			Note: Standard sealer		
32 33 43 53-0006	EA		42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC).....	1,947.36	
			Note: Includes table top, four benches and mounting hardware.		

32 33 63 Skate Board Deterrent (32 33)

32 33 63 00-0001 Skate Stoppers (32 33 63)

32 33 63 00-0002	EA		Aluminum Architectural Series Pieces, Skate Stopper	41.85	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-4.21	
			For >99 To 249, Deduct	-5.37	
			For >249, Deduct	-6.54	
32 33 63 00-0003	EA		Aluminum Fixed Angle Series Pieces, Skate Stopper	44.09	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-4.52	
			For >99 To 249, Deduct	-5.75	
			For >249, Deduct	-6.98	
32 33 63 00-0004	EA		Aluminum Fixed Radius Series Pieces, Skate Stopper	32.57	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.91	
			For >99 To 249, Deduct	-3.79	
			For >249, Deduct	-4.68	
32 33 63 00-0005	EA		Aluminum Bench Clips, Skate Stopper	27.05	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.14	
			For >99 To 249, Deduct	-2.86	
			For >249, Deduct	-3.58	
32 33 63 00-0006	EA		Aluminum Curve Clips, Skate Stopper	29.13	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.43	
			For >99 To 249, Deduct	-3.21	
			For >249, Deduct	-3.99	
32 33 63 00-0007	EA		Aluminum Hand Rail, Skate Stopper	28.07	
			Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.28	
			For >99 To 249, Deduct	-3.03	
			For >249, Deduct	-3.78	
32 33 63 00-0008	EA		Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper	26.72	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-2.09	
			For >99 To 249, Deduct	-2.80	
			For >249, Deduct	-3.51	
32 33 63 00-0009	EA		Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper	35.09	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-3.26	
			For >99 To 249, Deduct	-4.22	
			For >249, Deduct	-5.18	
32 33 63 00-0010	EA		Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper	60.22	
			Note: Includes drilling and anchoring into suitable surface material.		
			For >59 To 99, Deduct	-6.78	
			For >99 To 249, Deduct	-8.50	
			For >249, Deduct	-10.21	

32 39 Manufactured Site Specialties (32 30)

Note: Excludes core drilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0025 for concrete core drilling, 02 41 19 13-0163 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards (32 39)

32 39 13 00-0001 Metal Pipe Bollards (32 39 13)

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powdered Coated (32 39 13 00-0001)

32 Exterior Improvements**32 30 Site Improvements****32 39 Manufactured Site Specialties**
 MINOR
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32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	42.70	10.82
		<i>For Galvanized Steel, Add</i>	3.58	
		<i>For 304 Stainless Steel, Add</i>	28.43	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	110.56	
		<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>	79.71	
		<i>For Schedule 80, Add</i>	5.32	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	8.53	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	54.85	10.82
		<i>For Galvanized Steel, Add</i>	5.65	
		<i>For 304 Stainless Steel, Add</i>	44.83	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	110.56	
		<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>	79.71	
		<i>For Schedule 80, Add</i>	7.15	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	12.09	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	76.32	13.53
		<i>For Galvanized Steel, Add</i>	8.37	
		<i>For 304 Stainless Steel, Add</i>	66.50	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	146.24	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	120.41	
		<i>For Schedule 80, Add</i>	10.10	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	16.14	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	99.86	16.23
		<i>For Galvanized Steel, Add</i>	11.46	
		<i>For 304 Stainless Steel, Add</i>	90.99	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	167.84	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	130.84	
		<i>For Schedule 80, Add</i>	13.36	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	19.77	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	126.92	21.64
		<i>For Galvanized Steel, Add</i>	14.22	
		<i>For 304 Stainless Steel, Add</i>	112.91	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	225.75	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	180.46	
		<i>For Schedule 80, Add</i>	16.87	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	23.11	
32 39 13 00-0008		Cast Bollards <small>(32 39 13 00-0001)</small>		
32 39 13 00-0009	EA	36" Cast Aluminum Bollard, Black Powder Coat Finish	1,126.55	64.93
		Note: 8-1/2" diameter, embedded mounting plate, all colors.		
32 39 13 00-0010	EA	36" Cast Aluminum Removable Bollard, Black Powder Coat Finish	1,876.08	64.93
		Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.		
32 39 13 00-0011	EA	36" Cast Iron Bollard, Powder Coat Finish.....	960.83	64.93
		Note: 8-1/2" diameter, embedded mounting plate, all colors.		
32 39 13 00-0012	EA	36" Cast Iron Removable Bollard, Black Powder Coat Finish.....	1,714.80	64.93
		Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.		
32 39 23		Manufactured Concrete Bollards <small>(32 39)</small>		
32 39 23 00-0001		Concrete Bollards <small>(32 39 23)</small>		
		Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002		Concrete Bollard, Exposed Aggregate <small>(32 39 23 00-0001)</small>		
32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast.....	569.68	86.57
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast	569.68	86.57
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 25		Manufactured Wood Bollards <small>(32 39)</small>		
32 39 25 00-0001		Wood Bollards <small>(32 39 25)</small>		
		Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		Wood Bollard, Pressure Treated Timber <small>(32 39 25 00-0001)</small>		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	20.44	8.66
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	80.45	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	23.73	8.66
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	80.45	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	30.91	9.74
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	122.81	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	43.78	12.98
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	135.36	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	60.27	17.31
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	190.33	
32 39 27		Manufactured Plastic Bollards <small>(32 39)</small>		
32 39 27 00-0001		Plastic Bollards <small>(32 39 27)</small>		
		See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 27 00-0002		Recycled Plastic Bollards <small>(32 39 27 00-0001)</small>		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard	228.62	43.28
		Note: Includes anchor bolts.		
32 39 27 00-0004	EA	6" Diameter x 6" Steel Reinforced Recycled Plastic Bollard.....	355.08	43.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 39 27 00-0005 Plastic Bollard Covers (32 39 27 00-0001)					
32 39 27 00-0006	EA		4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe <i>For Reflective Tape, Add</i>	56.42 5.97	9.42
32 39 27 00-0007	EA		6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	61.19 5.97	10.36
32 39 27 00-0008	EA		3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe <i>For Reflective Tape, Add</i>	75.22 5.97	9.42
32 39 27 00-0009	EA		3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe <i>For Reflective Tape, Add</i>	75.22 5.97	9.42
32 39 27 00-0010	EA		3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe <i>For Reflective Tape, Add</i>	83.99 5.97	9.42
32 39 27 00-0011	EA		4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe <i>For Reflective Tape, Add</i>	75.22 5.97	9.42
32 39 27 00-0012	EA		4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe <i>For Reflective Tape, Add</i>	76.47 5.97	9.42
32 39 27 00-0013	EA		5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe <i>For Reflective Tape, Add</i>	75.22 5.97	9.42
32 39 27 00-0014	EA		5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe <i>For Reflective Tape, Add</i>	76.47 5.97	9.42
32 39 27 00-0015	EA		5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe <i>For Reflective Tape, Add</i>	105.29 5.97	9.42
32 39 27 00-0016	EA		6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	77.10 5.97	10.36
32 39 27 00-0017	EA		6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	97.14 5.97	10.36
32 39 27 00-0018	EA		6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	110.06 5.97	10.36
32 39 27 00-0019	EA		7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	94.01 5.97	11.30
32 39 27 00-0020	EA		8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe <i>For Reflective Tape, Add</i>	101.53 5.97	11.30
32 39 27 00-0021	EA		8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe <i>For Reflective Tape, Add</i>	101.53 5.97	11.30
32 39 27 00-0022	EA		10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe <i>For Reflective Tape, Add</i>	135.38 5.97	11.30

32 39 29 Manufactured Stone Bollards (32 39)

32 39 29 00-0001 Stone Bollards (32 39 29)					
See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.					
32 39 29 00-0002 Granite Bollards (32 39 29 00-0001)					
32 39 29 00-0003	EA		16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,203.90	108.21
32 39 29 00-0004	EA		16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,523.87	151.49
32 39 29 00-0005	EA		12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	744.27	108.21
32 39 29 00-0006	EA		12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,106.75	86.57
32 39 29 00-0007	EA		24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,654.36	86.57

32 80 Irrigation (32)
32 84 Planting Irrigation (32 80)
32 84 13 Drip Irrigation (32 84)

32 84 13 00-0001 Drip Emitter Irrigation Devices (32 84 13)					
32 84 13 00-0002 Drip Emitter Irrigation Valves (32 84 13 00-0001)					
32 84 13 00-0003	EA		1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	39.29	10.22
32 84 13 00-0004	EA		1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV100)	55.14	10.22
32 84 13 00-0005	EA		3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075)	54.03	10.22
32 84 13 00-0006	EA		3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075TBOS)	68.92	10.22
32 84 13 00-0007 Drip Emitter Irrigation Filters (32 84 13 00-0001)					
32 84 13 00-0008	EA		3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	100.39	10.22
32 84 13 00-0009	EA		1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	101.21	10.22
32 84 13 00-0010	EA		3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	46.21	10.22
32 84 13 00-0011	EA		1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	46.87	10.22
32 84 13 00-0012	EA		1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	108.02	10.22
32 84 13 00-0013	EA		3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	56.07	10.22
32 84 13 00-0014	EA		1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	61.20	10.22
32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators (32 84 13 00-0001)					
32 84 13 00-0016	EA		3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	45.55	10.22

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
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32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075).....	45.55	10.22
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075).....	45.55	10.22
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100).....	50.94	10.22
32 84 13 00-0020 Drip Emitter Irrigation Tubing (32 84 13 00-0001)				
Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.				
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100).....	3.53	1.43
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100).....	3.46	1.64
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100).....	3.00	1.43
<i>For Shallow Trenching And Backfill By Hand, Add</i>			5.88	
32 84 13 00-0024	LF	1", 120 To 900 GPH, 40 PSI, UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100).....	3.44	1.64
<i>For Shallow Trenching And Backfill By Hand, Add</i>			6.36	
32 84 13 00-0025 Drip Emitter Irrigation Fittings (32 84 13 00-0001)				
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN).....	2.65	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL).....	2.67	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE).....	2.70	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025).....	2.79	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX).....	2.63	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP).....	2.75	
<i>For Compression Fitting, Add</i>			0.20	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW).....	2.80	
<i>For Compression Fitting, Add</i>			0.25	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE).....	2.83	
<i>For Compression Fitting, Add</i>			0.28	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050).....	2.84	
<i>For Compression Fitting, Add</i>			0.29	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS).....	2.96	
<i>For Compression Fitting, Add</i>			0.41	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP).....	3.10	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND).....	1.54	
32 84 13 00-0038 Drip Emitters (32 84 13 00-0001)				
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC).....	5.42	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24).....	5.94	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056).....	11.37	
32 84 13 00-0042 Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters (32 84 13 00-0001)				
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK).....	21.26	9.21
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK).....	21.29	9.21
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL).....	22.74	9.21
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL).....	22.89	9.21
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL).....	32.23	12.06
Note: Includes nozzle.				
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL).....	34.10	12.06
Note: Includes nozzle.				
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL).....	32.26	12.06
Note: Includes nozzle.				
32 84 13 00-0050 Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS) (32 84 13 00-0001)				
Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.				
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield).....	3.93	1.79
32 84 23 Underground Sprinklers (32 84)				
32 84 23 00-0001 Sprinkler Heads (32 84 23)				
32 84 23 00-0002 Spray Sprinkler Heads (32 84 23 00-0001)				
Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.				
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P).....	28.81	11.30
<i>For Rotary Nozzle, Add</i>			3.25	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P).....	27.75	11.30
<i>For Rotary Nozzle, Add</i>			3.25	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P).....	31.68	11.30
<i>For Rotary Nozzle, Add</i>			3.25	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P).....	34.96	11.30
<i>For Rotary Nozzle, Add</i>			3.25	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM).....	29.23	11.30
<i>For Rotary Nozzle, Add</i>			3.25	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM).....	34.75	11.30
<i>For Rotary Nozzle, Add</i>			3.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0009	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM) <i>For Rotary Nozzle, Add</i>	37.41 3.25	11.30
32 84 23 00-0010	EA		4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS) <i>For Rotary Nozzle, Add</i>	30.80 3.25	11.30
32 84 23 00-0011	EA		6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS) <i>For Rotary Nozzle, Add</i>	35.84 3.25	11.30
32 84 23 00-0012	EA		12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS) <i>For Rotary Nozzle, Add</i>	38.32 3.25	11.30
32 84 23 00-0013	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS) <i>For Rotary Nozzle, Add</i>	31.43 3.25	11.30
32 84 23 00-0014	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS) <i>For Rotary Nozzle, Add</i>	39.16 3.25	11.30
32 84 23 00-0015	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS) <i>For Rotary Nozzle, Add</i>	41.60 3.25	11.30
32 84 23 00-0016	EA		Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300) <i>For Rotary Nozzle, Add</i>	25.69 3.25	11.30
32 84 23 00-0017	EA		Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	28.15	11.30
32 84 23 00-0018			Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0001)</small> Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019			1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC) <i>For Non-Potable Cover, Add</i>	36.57 2.00	11.30
32 84 23 00-0021	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM) <i>For Non-Potable Cover, Add</i>	37.44 2.00	11.30
32 84 23 00-0022			3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	34.47 2.00 9.00	11.30
32 84 23 00-0024	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	43.91 2.00 9.00	11.30
32 84 23 00-0025	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	36.22 2.00 9.00	11.30
32 84 23 00-0026	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	45.31 2.00 9.00	11.30
32 84 23 00-0027	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	36.92 2.00 9.00	11.30
32 84 23 00-0028	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	38.32 2.00 9.00	11.30
32 84 23 00-0029	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	47.40 2.00 9.00	11.30
32 84 23 00-0030	EA		12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	53.00 2.00 9.00	11.30
32 84 23 00-0031	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS) <i>For Non-Potable Cover, Add</i>	38.14 2.00	11.30
32 84 23 00-0032	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR) <i>For Non-Potable Cover, Add</i>	43.73 2.00	11.30
32 84 23 00-0033			1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA		4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i> <i>For Stainless Steel Riser And High Speed Rotor, Add</i>	57.02 2.00 9.00 25.73	11.30
32 84 23 00-0035			1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA		5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005) <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	77.29 2.00 9.00	11.30

32 Exterior Improvements

32 80 Irrigation

32 84 Planting Irrigation

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 84 23 00-0037	Impact-Drive Sprinkler Heads (32 84 23 00-0001) Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08).....	47.23	11.30
	For Non-Potable Cover, Add	2.00	
32 84 23 00-0039	EA 1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08).....	38.84	11.30
32 84 23 00-0040	EA 3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB).....	66.79	11.30
32 84 23 00-0041	Electric Remote Control Irrigation Valves (32 84 23)		
32 84 23 00-0042	0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) (32 84 23 00-0041) Note: 15 to 150 PSI.		
32 84 23 00-0043	EA 3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV).....	121.42	47.09
32 84 23 00-0044	EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV).....	121.42	47.09
32 84 23 00-0045	EA 1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS).....	134.88	53.68
32 84 23 00-0046	EA 1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA).....	122.12	47.09
32 84 23 00-0047	0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) (32 84 23 00-0041) Note: 15 to 150 PSI.		
32 84 23 00-0048	EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF).....	122.12	47.09
32 84 23 00-0049	EA 1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS).....	135.93	53.68
32 84 23 00-0050	EA 1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB).....	136.62	53.68
32 84 23 00-0051	0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) (32 84 23 00-0041) Note: 20 to 200 PSI.		
32 84 23 00-0052	EA 1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB).....	178.04	47.09
32 84 23 00-0053	EA 1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB).....	202.51	47.09
32 84 23 00-0054	EA 2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB).....	233.96	47.09
32 84 23 00-0055	5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D).....	243.55	52.92
32 84 23 00-0057	EA 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D).....	268.02	52.92
32 84 23 00-0058	EA 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D).....	299.47	52.92
32 84 23 00-0059	20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D).....	278.50	52.92
32 84 23 00-0061	EA 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D).....	302.97	52.92
32 84 23 00-0062	EA 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D).....	334.43	52.92
32 84 23 00-0063	0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA 1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B).....	247.63	47.09
32 84 23 00-0065	EA 1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B).....	360.11	47.09
32 84 23 00-0066	EA 2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B).....	370.28	47.09
32 84 23 00-0067	EA 3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B).....	833.97	63.56
32 84 23 00-0068	5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) (32 84 23 00-0041) Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP).....	235.96	52.92
32 84 23 00-0070	EA 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP).....	269.41	52.92
32 84 23 00-0071	EA 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP).....	305.73	52.92
32 84 23 00-0072	EA 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP).....	353.54	52.92
32 84 23 00-0073	0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS).....	298.84	52.92	
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS).....	432.29	52.92	
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS).....	443.73	52.92	
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS).....	879.68	52.92	
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.			
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ).....	298.47	47.09	
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ).....	410.95	47.09	
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ).....	421.12	47.09	
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ).....	884.81	63.56	
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) (32 84 23 00-0041) Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.			
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D).....	288.39	52.92	
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D).....	321.84	52.92	
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D).....	358.16	52.92	
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D).....	405.97	52.92	
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.			
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ).....	349.68	52.92	
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ).....	483.13	52.92	
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ).....	494.57	52.92	
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ).....	930.52	52.92	
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories (32 84 23 00-0041)			
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL).....	90.10		
32 84 23 00-0095		Irrigation Valve Boxes (32 84 23) Note: Includes lid.			
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND).....	78.07	33.90	
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND).....	86.33	33.90	
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND).....	113.36	44.64	
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD).....	187.80	65.16	
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH).....	190.77	65.16	
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB).....	212.10	65.16	
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH).....	214.64	65.16	
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH).....	336.52	65.16	
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH).....	494.39	65.16	
32 84 23 00-0105		Irrigation Controllers (32 84 23)			
32 84 23 00-0106		Irrigation Controllers (32 84 23 00-0105)			
32 84 23 00-0107		Irrigation Controllers (Rain Bird®) (32 84 23 00-0106)			
32 84 23 00-0108		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) (32 84 23 00-0107)			
32 84 23 00-0109		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) (32 84 23 00-0108)			
32 84 23 00-0110		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) (32 84 23 00-0109)			
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	221.28	29.35	
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	310.44	29.35	
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	399.58	29.35	
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	488.73	29.35	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	548.54	29.35
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	641.36	29.35
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	734.18	29.35
32 84 23 00-0118		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) (32 84 23 00-0109)		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	247.56	29.35
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	336.72	29.35
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	425.86	29.35
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	515.01	29.35
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	574.82	29.35
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	667.64	29.35
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	760.46	29.35
32 84 23 00-0126		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) (32 84 23 00-0108)		
32 84 23 00-0127		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) (32 84 23 00-0126)		
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	312.58	29.35
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	401.74	29.35
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	490.88	29.35
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	580.03	29.35
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	639.84	29.35
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	732.66	29.35
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	825.48	29.35
32 84 23 00-0135		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) (32 84 23 00-0126)		
32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	332.27	29.35
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	421.43	29.35
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	510.57	29.35
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	599.72	29.35
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	659.53	29.35
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	752.35	29.35
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series).....	845.17	29.35
32 84 23 00-0143		Accessories For ESP-ME/MEI Irrigation Controllers (32 84 23 00-0108)		
32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	92.82	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	180.16	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG).....	199.83	
32 84 23 00-0147		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) (32 84 23 00-0107)		
32 84 23 00-0148		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) (32 84 23 00-0147)		
32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	495.77	29.35
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	606.41	29.35
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	718.32	29.35
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	828.96	29.35
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	940.88	29.35
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,051.52	29.35
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,163.44	29.35
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,274.07	29.35
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,385.99	29.35
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,496.64	29.35
32 84 23 00-0159		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) (32 84 23 00-0147)		
32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	461.61	29.35
32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	572.25	29.35
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	684.17	29.35
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	794.80	29.35
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	906.72	29.35
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,017.37	29.35
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,129.27	29.35
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,239.92	29.35
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,351.83	29.35
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,462.47	29.35
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,574.39	29.35

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0171 Accessories For ESP-LX/LXME Irrigation Controllers (32 84 23 00-0147)			
32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM).....	305.99
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM).....	698.04
Note: Excludes concrete foundation.			
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS).....	627.85
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS).....	1,386.38
Note: Excludes concrete foundation.			
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4).....	110.64
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.			
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8).....	222.55
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.			
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12).....	341.96
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.			
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME).....	119.24
32 84 23 00-0180 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0107)			
32 84 23 00-0181 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0180)			
32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	221.87
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	273.53
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	355.16
32 84 23 00-0185 Accessories For TBOS-II Series Irrigation Controllers (32 84 23 00-0180)			
32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS).....	223.07
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL).....	63.45
32 84 23 00-0188 Accessories For Irrigation Controllers (Rain Bird®) (32 84 23 00-0107)			
32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX).....	109.06
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC).....	206.00
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC).....	213.65
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y).....	279.94
32 84 23 00-0193 Two-Wire Decoder Systems (32 84 23 00-0105)			
32 84 23 00-0194 Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0193)			
32 84 23 00-0195 Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) (32 84 23 00-0194)			
Note: Includes water resistant cabinet.			
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	1,257.54
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	1,968.65
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	2,679.76
32 84 23 00-0199 Field Decoders For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0194)			
32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF).....	166.52
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF).....	209.23
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF).....	305.75
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF).....	359.78
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF).....	571.27
32 84 23 00-0205 Accessories For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0194)			
32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD).....	964.95
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDMS75).....	711.11
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF).....	127.52
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF).....	478.08
32 84 23 00-0210 Calsense Controllers (32 84 23 00-0105)			
32 84 23 00-0211 Irrigation Controllers (32 84 23 00-0210)			
32 84 23 00-0212	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6).....	1,655.48
32 84 23 00-0213	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8).....	2,129.95
32 84 23 00-0214	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12).....	2,913.19
32 84 23 00-0215	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16).....	3,200.90
32 84 23 00-0216	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24).....	3,780.65
32 84 23 00-0217	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32).....	4,552.57
32 84 23 00-0218	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40).....	5,153.35
32 84 23 00-0219	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48).....	5,763.87
32 84 23 00-0220	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE).....	1,668.24
32 84 23 00-0221	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE).....	711.31

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0222	Irrigation Controller Accessories (32 84 23 00-0210)			
32 84 23 00-0223	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1).....	67.37	
32 84 23 00-0224	EA	Spare Lock For Enclosures (Calsense PAD).....	72.98	
32 84 23 00-0225	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L).....	91.32	9.17
32 84 23 00-0226	EA	Transformer For Irrigation Controllers (Calsense TR-1).....	143.53	36.68
32 84 23 00-0227	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110).....	361.08	36.68
32 84 23 00-0228	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1).....	473.35	36.68
		<i>For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add</i>	342.64	
32 84 23 00-0229	Sensors For Irrigation Controllers (32 84 23 00-0210)			
32 84 23 00-0230	Flow Sensors (32 84 23 00-0229)			
32 84 23 00-0231	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5).....	825.83	55.02
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-457.46	
32 84 23 00-0232	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2).....	853.90	55.02
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-485.53	
32 84 23 00-0233	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3).....	881.97	55.02
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-513.60	
32 84 23 00-0234	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B).....	981.81	73.36
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-613.23	
32 84 23 00-0235	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B).....	1,051.98	73.36
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-683.40	
32 84 23 00-0236	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B).....	1,080.05	73.36
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-711.47	
32 84 23 00-0237	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B).....	1,262.50	73.36
		<i>For Flow Meter Replacement Insert Only, Deduct</i>	-765.64	
32 84 23 00-0238	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX).....	971.59	36.68
		Note: For 4" and larger pipe. Excludes pipe saddle. <i>For Flow Meter Replacement Insert Only, Deduct</i>	-474.73	
32 84 23 00-0239	Moisture Sensors (32 84 23 00-0229)			
32 84 23 00-0240	EA	Soil Moisture Sensor (Calsense 1000-S).....	349.75	27.51
32 84 23 00-0241	Weather Sensors (32 84 23 00-0229)			
32 84 23 00-0242	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1).....	953.74	73.36
32 84 23 00-0243	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1).....	1,128.52	146.73
32 84 23 00-0244	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG).....	2,149.88	110.05
32 84 23 00-0245	Weather Sensor Accessories (32 84 23 00-0229)			
32 84 23 00-0246	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C).....	634.76	
32 84 23 00-0247	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB).....	1,182.12	
32 84 23 00-0248	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE).....	634.76	36.68
32 84 23 00-0249	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE).....	1,433.15	36.68
32 84 23 00-0250	Antennas For Irrigation Controllers (32 84 23 00-0210)			
		Note: Excludes antenna cable.		
32 84 23 00-0251	EA	Local Radio Dome Antenna (Calsense LR-DOME).....	340.02	36.68
32 84 23 00-0252	EA	Local Radio Stick Antenna (Calsense LR-STICK).....	487.39	36.68
32 84 23 00-0253	EA	Local Radio Yagi Antenna (Calsense LR-YAGI).....	560.76	73.36
32 84 23 00-0254	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR).....	340.02	36.68
32 84 23 00-0255	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE).....	340.02	36.68
32 84 23 00-0256	EA	GPRS Stubby Antenna (Calsense GR-STUBBY).....	340.02	36.68
32 84 23 00-0257	EA	GPRS Stick Antenna (Calsense GR-STICK).....	487.39	36.68
32 84 23 00-0258	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME).....	340.02	36.68
32 84 23 00-0259	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK).....	487.39	36.68
32 84 23 00-0260	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI).....	560.76	73.36
32 84 23 00-0261	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR).....	340.02	36.68
32 84 23 00-0262	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE).....	340.02	36.68
32 84 23 00-0263	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY).....	340.02	36.68
32 84 23 00-0264	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY).....	340.02	36.68
32 84 23 00-0265	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB).....	9.02	0.44
32 84 23 00-0266	EA	Surge Protection Device For Antenna (Calsense ANT-PROT).....	331.41	18.34
32 84 23 00-0267	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5).....	543.53	36.68
32 84 23 00-0268	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM).....	456.13	
32 84 23 00-0269	EA	Local Radio Frequency Filter (Calsense LR-FILTER).....	645.61	
32 84 23 00-0270	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER).....	477.19	
32 84 23 00-0271	Pedestals And Enclosures For Irrigation Controllers (32 84 23 00-0210)			
32 84 23 00-0272	EA	15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER).....	320.57	55.02
32 84 23 00-0273	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX).....	757.56	91.70
32 84 23 00-0274	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP).....	810.19	36.68
		Note: Includes GFI and receptacle.		
32 84 23 00-0275	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1).....	960.27	27.51
		Note: Includes factory installed transient protection board and AC line protection.		
32 84 23 00-0276	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE).....	2,982.25	27.51
		Note: Includes factory installed transient protection board and AC line protection.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0277	EA		Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R).....	3,367.26	27.51
			Note: Includes factory installed transient protection board, AC line protection and dome antenna.		
32 84 23 00-0278	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D).....	4,892.76	55.02
			Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.		
32 84 23 00-0279	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R).....	5,127.21	55.02
			Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.		
32 84 23 00-0280	EA		Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM).....	171.45	
32 84 23 00-0281	EA		Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED).....	553.26	
32 84 23 00-0282			Central Computer For Irrigation Control Systems (32 84 23 00-0210)		
32 84 23 00-0283	EA		Central Computer For Irrigation Control Systems (Calsense COMP-2).....	3,760.71	
			Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.		
32 84 23 00-0284	EA		Command Center Water Management Software For Central Computer (Calsense COMM-1).....	6,644.24	
32 84 23 00-0285	EA		Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5).....	1,280.68	
			Note: Package price for up to 5 users. Includes remote communication through internet connection.		
32 84 23 00-0286	EA		>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10).....	2,510.01	
			Note: Package price for 6 to 10 users. Includes remote communication through internet connection.		
32 84 23 00-0287	EA		Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2).....	4,037.42	
32 84 23 00-0288	EA		GPRS Radio For Use At Central Computer (Calsense DTR-G).....	2,411.45	
32 84 23 00-0289			Data Access Service (32 84 23 00-0210)		
32 84 23 00-0290	EA		1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN).....	20.41	
			Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0291	EA		1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR).....	223.28	
			Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0292	EA		5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR).....	956.92	
			Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0293	EA		1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M).....	82.93	
			Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0294	EA		1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M).....	893.13	
			Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0295	EA		5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M).....	3,827.70	
			Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0296			Communication Options For Irrigation Controllers (32 84 23 00-0210)		
32 84 23 00-0297	EA		FCC License Fee (Calsense).....	145.13	
32 84 23 00-0298	EA		P.C.I.A. And/Or A.P.C.O. Fee (Calsense).....	272.72	
			Note: Per frequency or frequency pair.		
32 84 23 00-0299	EA		Hardware Communication Option For Irrigation Controllers (Calsense M).....	740.02	
			Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.		
32 84 23 00-0300	EA		Phone Line Communication Option For Irrigation Controllers (Calsense R).....	778.30	
32 84 23 00-0301	EA		Ethernet Communication Option For Irrigation Controllers (Calsense EN).....	778.30	
32 84 23 00-0302	EA		WiFi Communication Option For Irrigation Controllers (Calsense WEN).....	1,594.88	
32 84 23 00-0303	EA		Local Radio Communication Option For Irrigation Controllers (Calsense LR).....	2,028.68	
32 84 23 00-0304	EA		Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR).....	2,028.68	
32 84 23 00-0305	EA		GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR).....	2,028.68	
32 84 23 00-0306	EA		Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM).....	6,507.09	
32 84 23 00-0307	EA		Communication Hub For Irrigation Controllers (Calsense HUB).....	2,515.12	
			Note: Accepts up to two communication options. Excludes communication options.		
32 84 23 00-0308			Retrofit Options For Irrigation Controllers (32 84 23 00-0210)		
32 84 23 00-0309			Weather Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84 23 00-0310	EA		Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO).....	1,011.15	
32 84 23 00-0311	EA		Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO).....	1,011.15	
32 84 23 00-0312	EA		Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO).....	1,011.15	
32 84 23 00-0313	EA		Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO).....	1,011.15	
32 84 23 00-0314			Phone Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84 23 00-0315	EA		Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO).....	1,062.18	
32 84 23 00-0316	EA		Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO).....	1,253.57	
32 84 23 00-0317	EA		Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO).....	1,999.97	
32 84 23 00-0318			Local Radio Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84 23 00-0319	EA		Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO).....	1,189.77	
32 84 23 00-0320	EA		Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO).....	2,491.19	
32 84 23 00-0321	EA		Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO).....	3,231.21	
32 84 23 00-0322			Spread Spectrum Radio Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84 23 00-0323	EA		Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro).....	1,189.77	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84	23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO).....	2,491.19	
32 84	23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	3,231.21	
32 84	23 00-0326		Ethernet Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84	23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-RETRO).....	1,189.77	
32 84	23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,253.57	
32 84	23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	1,999.97	
32 84	23 00-0330		GPRS Radio Modem Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)		
32 84	23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO).....	1,189.77	
32 84	23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	2,491.19	
32 84	23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	3,231.21	
32 84	23 00-0334		Radio Remote Units For Irrigation Controllers (32 84 23 00-0210)		
32 84	23 00-0335	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,196.15	
32 84	23 00-0336	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe)..... Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	252.63	
32 84	23 00-0337	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	108.45	
32 84	23 00-0338	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	196.97	
32 84	23 00-0339	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT)	126.79	9.17
			Note: Excludes antenna cable.		
32 84	23 00-0340	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP).....	241.62	9.17
			Note: Excludes antenna cable.		
32 84	23 00-0341	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome)	260.76	9.17
			Note: Excludes antenna cable.		
32 84	23 00-0342		Satellite Irrigation Controllers (Rain Bird® ESP-SAT) (32 84 23 00-0105)		
			Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84	23 00-0343	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	2,845.08	165.06
32 84	23 00-0344	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	3,000.46	174.24
32 84	23 00-0345	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	4,139.62	183.40
32 84	23 00-0346		Irrigation Valves (32 84 23)		
32 84	23 00-0347		Reduced Pressure Zone Valves With QT Shut-Offs (32 84 23 00-0346)		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84	23 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	551.49	38.87
32 84	23 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	655.19	47.45
32 84	23 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	979.75	55.23
32 84	23 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,038.77	63.41
32 84	23 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,250.32	81.82
32 84	23 00-0353		Brass Quick-Coupling Irrigation Valves (32 84 23 00-0346)		
32 84	23 00-0354	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	120.08	33.90
			For Valve Key, Add	25.69	
32 84	23 00-0355	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	123.05	33.90
			For Locking Cover, Add	25.00	
			For Valve Key, Add	25.69	
32 84	23 00-0356	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	155.73	33.90
			For Valve Key, Add	65.71	
32 84	23 00-0357	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC).....	167.61	33.90
			For Valve Key, Add	65.71	
32 84	23 00-0358	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP).....	162.02	33.90
32 84	23 00-0359	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP).....	167.61	33.90
32 84	23 00-0360		Anti-Siphon Pressure Type Vacuum Breaker (32 84 23 00-0346)		
			Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84	23 00-0361	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	205.48	28.63
32 84	23 00-0362	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	290.43	32.73
32 84	23 00-0363	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	517.09	37.84
32 84	23 00-0364	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	628.98	41.93
32 84	23 00-0365	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	638.11	51.13
32 84	23 00-0366		Irrigation Piping (32 84 23)		
32 84	23 00-0367		Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0366)		
			Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84	23 00-0368		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 84 23 00-0369	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	2.60 -0.13	0.95
32 84 23 00-0370	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.19 -0.16	1.18
32 84 23 00-0371	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.87 -0.19	1.41
32 84 23 00-0372	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	5.14 -0.26	1.79
32 84 23 00-0373	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	6.46 -0.32	2.24
32 84 23 00-0374	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	8.19 -0.41	2.62
32 84 23 00-0375	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	11.30 -0.57	3.77
32 84 23 00-0376	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	14.72 -0.74	4.71
32 84 23 00-0377	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	20.83 -1.04	5.88

32 84 23 00-0378 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)

32 84 23 00-0379	LF		3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.02 -0.15	1.18
32 84 23 00-0380	LF		1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.59 -0.18	1.41
32 84 23 00-0381	LF		1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	4.94 -0.25	1.79
32 84 23 00-0382	LF		2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	6.29 -0.31	2.24
32 84 23 00-0383	LF		2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	7.94 -0.40	2.62
32 84 23 00-0384	LF		3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	11.20 -0.56	3.77
32 84 23 00-0385	LF		4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	15.24 -0.76	4.71
32 84 23 00-0386	LF		6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	24.17 -1.21	5.88

32 84 23 00-0387 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0367)

32 84 23 00-0388	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.17 -0.16	1.18
32 84 23 00-0389	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.78 -0.19	1.41
32 84 23 00-0390	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	5.31 -0.27	1.79
32 84 23 00-0391	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	6.91 -0.35	2.24
32 84 23 00-0392	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	8.92 -0.45	2.62
32 84 23 00-0393	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	11.30 -0.57	3.77
32 84 23 00-0394	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	14.72 -0.74	4.71
32 84 23 00-0395	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	21.16 -1.06	5.88

32 84 23 00-0396 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted (32 84 23 00-0396)

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0397 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted (32 84 23 00-0396)

32 84 23 00-0398	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	4.90 -0.25	1.18
32 84 23 00-0399	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	5.57 -0.28	1.41
32 84 23 00-0400	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.83 -0.34	1.79
32 84 23 00-0401	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	8.15 -0.41	2.24
32 84 23 00-0402	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.89 -0.49	2.62
32 84 23 00-0403	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	13.00 -0.65	3.77
32 84 23 00-0404	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.43 -0.82	4.71
32 84 23 00-0405	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	22.54 -1.13	5.88

32 84 23 00-0406 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted (32 84 23 00-0396)

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
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32 84 23 00-0407	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.10	1.18
		<i>For >1,000, Deduct</i>	-0.26	
32 84 23 00-0408	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.76	1.41
		<i>For >1,000, Deduct</i>	-0.29	
32 84 23 00-0409	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.03	1.79
		<i>For >1,000, Deduct</i>	-0.35	
32 84 23 00-0410	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.35	2.24
		<i>For >1,000, Deduct</i>	-0.42	
32 84 23 00-0411	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.09	2.62
		<i>For >1,000, Deduct</i>	-0.50	
32 84 23 00-0412	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.19	3.77
		<i>For >1,000, Deduct</i>	-0.66	
32 84 23 00-0413	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.62	4.71
		<i>For >1,000, Deduct</i>	-0.83	
32 84 23 00-0414	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	22.73	5.88
		<i>For >1,000, Deduct</i>	-1.14	
32 84 23 00-0415 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted (32 84 23 00-0396)				
32 84 23 00-0416	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.29	1.18
		<i>For >1,000, Deduct</i>	-0.26	
32 84 23 00-0417	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.96	1.41
		<i>For >1,000, Deduct</i>	-0.30	
32 84 23 00-0418	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.23	1.79
		<i>For >1,000, Deduct</i>	-0.36	
32 84 23 00-0419	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.55	2.24
		<i>For >1,000, Deduct</i>	-0.43	
32 84 23 00-0420	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.29	2.62
		<i>For >1,000, Deduct</i>	-0.51	
32 84 23 00-0421	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.39	3.77
		<i>For >1,000, Deduct</i>	-0.67	
32 84 23 00-0422	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.81	4.71
		<i>For >1,000, Deduct</i>	-0.84	
32 84 23 00-0423	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	22.93	5.88
		<i>For >1,000, Deduct</i>	-1.15	
32 84 23 00-0424 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted (32 84 23 00-0396)				
32 84 23 00-0425	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	4.81	1.18
		<i>For >1,000, Deduct</i>	-0.24	
32 84 23 00-0426	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.43	1.41
		<i>For >1,000, Deduct</i>	-0.27	
32 84 23 00-0427	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.84	1.79
		<i>For >1,000, Deduct</i>	-0.34	
32 84 23 00-0428	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.45	2.24
		<i>For >1,000, Deduct</i>	-0.42	
32 84 23 00-0429	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.37	2.62
		<i>For >1,000, Deduct</i>	-0.52	
32 84 23 00-0430	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.90	3.77
		<i>For >1,000, Deduct</i>	-0.65	
32 84 23 00-0431	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.96	4.71
		<i>For >1,000, Deduct</i>	-0.85	
32 84 23 00-0432	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	25.87	5.88
		<i>For >1,000, Deduct</i>	-1.29	
32 84 23 00-0433 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted (32 84 23 00-0396)				
32 84 23 00-0434	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.01	1.18
		<i>For >1,000, Deduct</i>	-0.25	
32 84 23 00-0435	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.62	1.41
		<i>For >1,000, Deduct</i>	-0.28	
32 84 23 00-0436	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.04	1.79
		<i>For >1,000, Deduct</i>	-0.35	
32 84 23 00-0437	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.65	2.24
		<i>For >1,000, Deduct</i>	-0.43	
32 84 23 00-0438	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.57	2.62
		<i>For >1,000, Deduct</i>	-0.53	
32 84 23 00-0439	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.09	3.77
		<i>For >1,000, Deduct</i>	-0.65	
32 84 23 00-0440	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	17.15	4.71
		<i>For >1,000, Deduct</i>	-0.86	
32 84 23 00-0441	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	26.06	5.88
		<i>For >1,000, Deduct</i>	-1.30	
32 84 23 00-0442 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted (32 84 23 00-0396)				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0443	LF		3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	5.20	1.18
			<i>For >1,000, Deduct</i>	-0.26	
32 84 23 00-0444	LF		1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	5.82	1.41
			<i>For >1,000, Deduct</i>	-0.29	
32 84 23 00-0445	LF		1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted.....	7.24	1.79
			<i>For >1,000, Deduct</i>	-0.36	
32 84 23 00-0446	LF		2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	8.85	2.24
			<i>For >1,000, Deduct</i>	-0.44	
32 84 23 00-0447	LF		2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	10.77	2.62
			<i>For >1,000, Deduct</i>	-0.54	
32 84 23 00-0448	LF		3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	13.29	3.77
			<i>For >1,000, Deduct</i>	-0.66	
32 84 23 00-0449	LF		4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	17.34	4.71
			<i>For >1,000, Deduct</i>	-0.87	
32 84 23 00-0450	LF		6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	26.26	5.88
			<i>For >1,000, Deduct</i>	-1.31	
32 84 23 00-0451			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0452	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	4.87	1.18
			<i>For >1,000, Deduct</i>	-0.24	
32 84 23 00-0453	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	5.48	1.41
			<i>For >1,000, Deduct</i>	-0.27	
32 84 23 00-0454	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	7.00	1.79
			<i>For >1,000, Deduct</i>	-0.35	
32 84 23 00-0455	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	8.60	2.24
			<i>For >1,000, Deduct</i>	-0.43	
32 84 23 00-0456	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	10.61	2.62
			<i>For >1,000, Deduct</i>	-0.53	
32 84 23 00-0457	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	13.00	3.77
			<i>For >1,000, Deduct</i>	-0.65	
32 84 23 00-0458	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	16.43	4.71
			<i>For >1,000, Deduct</i>	-0.82	
32 84 23 00-0459	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted.....	22.86	5.88
			<i>For >1,000, Deduct</i>	-1.14	
32 84 23 00-0460			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0461	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	5.07	1.18
			<i>For >1,000, Deduct</i>	-0.25	
32 84 23 00-0462	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	5.67	1.41
			<i>For >1,000, Deduct</i>	-0.28	
32 84 23 00-0463	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	7.20	1.79
			<i>For >1,000, Deduct</i>	-0.36	
32 84 23 00-0464	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	8.80	2.24
			<i>For >1,000, Deduct</i>	-0.44	
32 84 23 00-0465	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	10.81	2.62
			<i>For >1,000, Deduct</i>	-0.54	
32 84 23 00-0466	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	13.19	3.77
			<i>For >1,000, Deduct</i>	-0.66	
32 84 23 00-0467	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	16.62	4.71
			<i>For >1,000, Deduct</i>	-0.83	
32 84 23 00-0468	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted.....	23.05	5.88
			<i>For >1,000, Deduct</i>	-1.15	
32 84 23 00-0469			Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0396)</small>		
32 84 23 00-0470	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	5.26	1.18
			<i>For >1,000, Deduct</i>	-0.26	
32 84 23 00-0471	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	5.87	1.41
			<i>For >1,000, Deduct</i>	-0.29	
32 84 23 00-0472	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	7.40	1.79
			<i>For >1,000, Deduct</i>	-0.37	
32 84 23 00-0473	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	9.00	2.24
			<i>For >1,000, Deduct</i>	-0.45	
32 84 23 00-0474	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	11.01	2.62
			<i>For >1,000, Deduct</i>	-0.55	
32 84 23 00-0475	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	13.39	3.77
			<i>For >1,000, Deduct</i>	-0.67	
32 84 23 00-0476	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	16.81	4.71
			<i>For >1,000, Deduct</i>	-0.84	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0477	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted For >1,000, Deduct	23.25 -1.16	5.88
32 84 23 00-0478		Irrigation Riser Piping With Fittings (32 84 23 00-0366)		
32 84 23 00-0479	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	13.19	2.83
32 84 23 00-0480	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	14.39	3.53
32 84 23 00-0481	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	14.30	3.30
32 84 23 00-0482	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	15.78	4.12
32 84 23 00-0483	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	27.72	4.95
32 84 23 00-0484	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	29.82	6.18
32 84 23 00-0485	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	32.68	6.36
32 84 23 00-0486	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	35.38	7.95
32 84 23 00-0487	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	37.64	7.76
32 84 23 00-0488	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	40.94	9.72
32 84 23 00-0489		Irrigation Crossover Piping With Fittings (32 84 23 00-0366)		
		Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0095 for #5 concrete pull box, 32 84 23 00-0533 for irrigation wiring.		
32 84 23 00-0490		Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench (32 84 23 00-0489)		
32 84 23 00-0491	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation For >1,000, Deduct	28.00 -1.40	
32 84 23 00-0492	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation For >1,000, Deduct	39.29 -1.96	
32 84 23 00-0493	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation For >1,000, Deduct	53.76 -2.69	
32 84 23 00-0494	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation For >1,000, Deduct	70.73 -3.54	
32 84 23 00-0495		Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench (32 84 23 00-0489)		
32 84 23 00-0496	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	28.59 -1.43	
32 84 23 00-0497	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	39.95 -2.00	
32 84 23 00-0498	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	54.47 -2.72	
32 84 23 00-0499	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	71.52 -3.58	
32 84 23 00-0500		Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench (32 84 23 00-0489)		
32 84 23 00-0501	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation For >1,000, Deduct	29.18 -1.46	
32 84 23 00-0502	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	40.60 -2.03	
32 84 23 00-0503	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	55.20 -2.76	
32 84 23 00-0504	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation For >1,000, Deduct	72.30 -3.62	
32 84 23 00-0505		Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore (32 84 23 00-0489)		
32 84 23 00-0506	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation For >1,000, Deduct	73.92 -3.70	
32 84 23 00-0507	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation For >1,000, Deduct	94.50 -4.73	
32 84 23 00-0508	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation For >1,000, Deduct	113.54 -5.68	
32 84 23 00-0509	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation For >1,000, Deduct	135.10 -6.76	
32 84 23 00-0510		Below Ground Cam Adapter Assembly (32 84 23 00-0366)		
		Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

32 84 23 00-0511	EA		Below Ground Cam Adapter Assembly .....576.11 Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.		
32 84 23 00-0512			Above Ground Cam Adapter Assembly (32 84 23 00-0366) Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0513	EA		Above Ground Cam Adapter Assembly .....367.25 Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.		
32 84 23 00-0514			Thrust Block (32 84 23 00-0366)		
32 84 23 00-0515	EA		Thrust Block For 1-1/2" Pipe Size And Smaller .....32.36		
32 84 23 00-0516	EA		Thrust Block For 2" Pipe .....55.93		
32 84 23 00-0517	EA		Thrust Block For 3" And 4" Pipe .....79.51		
32 84 23 00-0518	EA		Thrust Block For 6" Pipe .....127.05		
32 84 23 00-0519	EA		Thrust Block For 8" Pipe .....181.39		
32 84 23 00-0520			Irrigation Swing Joints (32 84 23)		
32 84 23 00-0521	EA		3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075) .....45.59	18.74	
32 84 23 00-0522	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12) .....51.66	20.93	
32 84 23 00-0523	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS) .....65.64	20.93	
32 84 23 00-0524	EA		1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....38.51	24.43	
			Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.		
32 84 23 00-0525	EA		3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....51.41	32.59	
			Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.		
32 84 23 00-0526	EA		1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I .....64.06	39.96	
			Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.		
32 84 23 00-0527	EA		1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....55.14	24.80	
			Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.		
32 84 23 00-0528	EA		3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....72.88	32.92	
			Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.		
32 84 23 00-0529	EA		1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II .....89.23	40.36	
			Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.		
32 84 23 00-0530	EA		1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....31.15	15.19	
			Note: Consists of two street 90 degree elbows.		
32 84 23 00-0531	EA		3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....41.59	20.26	
			Note: Consists of two street 90 degree elbows.		
32 84 23 00-0532	EA		1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III .....48.97	25.11	
			Note: Consists of two street 90 degree elbows.		
32 84 23 00-0533			Irrigation Control Wire (32 84 23)		
			Note: Excludes excavation and backfill.		
32 84 23 00-0534			18 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0535	CLF		1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....40.06	14.13	
32 84 23 00-0536	CLF		2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....51.34	16.48	
32 84 23 00-0537	CLF		3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....59.00	18.84	
32 84 23 00-0538	CLF		4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....67.32	21.19	
32 84 23 00-0539	CLF		5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....76.29	23.55	
32 84 23 00-0540	CLF		6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....89.87	25.90	
32 84 23 00-0541	CLF		7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....102.93	28.25	
32 84 23 00-0542	CLF		8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....111.79	30.61	
32 84 23 00-0543	CLF		9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....122.37	32.96	
32 84 23 00-0544	CLF		10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....134.32	35.31	
32 84 23 00-0545	CLF		11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....139.66	37.67	
32 84 23 00-0546	CLF		12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....145.69	40.02	
32 84 23 00-0547	CLF		13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....153.80	42.38	
32 84 23 00-0548			16 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0549	CLF		1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench .....41.81	14.13	
32 84 23 00-0550			14 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0551	CLF		1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench .....41.81	14.13	
32 84 23 00-0552			12 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0553	CLF		1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench .....53.36	14.13	
32 84 23 00-0554			10 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0533)		
32 84 23 00-0555	CLF		1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench .....67.98	14.13	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0556		Root Watering Systems <small>(32 84 23)</small>		
Note: Includes swing assembly.				
32 84 23 00-0557	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401).....	71.02	18.84
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0558	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401).....	75.65	18.84
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0559	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402).....	71.02	18.84
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0560	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402).....	75.65	18.84
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0561	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404).....	75.65	18.84
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0562	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401).....	61.73	16.48
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0563	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401).....	66.16	16.48
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0564	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402).....	61.73	16.48
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0565	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402).....	66.16	16.48
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0566	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401).....	43.55	14.13
		For Root Watering Sand Sock, Add	0.84	
32 84 23 00-0567	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401).....	47.78	14.13
		For Root Watering Sand Sock, Add	0.84	

32 90 Planting (32)

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation (32 90)**32 91 13 Soil Preparation (32 91)****32 91 13 16 Mulching (32 91 13)****32 91 13 16-0001 Mulch (32 91 13 16)**

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 91 13 16-0002	CY	Pea Gravel Mulch	89.32	
		For >5 To 20, Deduct	-7.37	
		For >20 To 50, Deduct	-11.06	
		For >50, Deduct	-15.53	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0003	CY	Stone/Gravel Mulch, Marble Chips	214.30	
		For >5 To 20, Deduct	-13.62	
		For >20 To 50, Deduct	-20.44	
		For >50, Deduct	-31.15	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite Chips	117.63	
		For >5 To 20, Deduct	-8.79	
		For >20 To 50, Deduct	-13.19	
		For >50, Deduct	-19.07	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	101.31	
		For >5 To 20, Deduct	-7.97	
		For >20 To 50, Deduct	-11.96	
		For >50, Deduct	-17.03	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0006	CY	Hardwood Bark Nugget Mulch	99.59	
		For >5 To 20, Deduct	-7.89	
		For >20 To 50, Deduct	-11.83	
		For >50, Deduct	-16.81	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0007	CY	Pine Wood Chip Mulch	96.14	
		For >5 To 20, Deduct	-7.72	
		For >20 To 50, Deduct	-11.57	
		For >50, Deduct	-16.38	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0008	CY	Hardwood Chip Mulch.....	103.04	
		For >5 To 20, Deduct	-8.06	
		For >20 To 50, Deduct	-12.09	
		For >50, Deduct	-17.24	
		For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0009	CY	Shredded Hardwood Mulch	103.04	
		For >5 To 20, Deduct	-8.06	
		For >20 To 50, Deduct	-12.09	
		For >50, Deduct	-17.24	
		For Work On Slopes >2.5:1, Add	11.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0010	CY		Shredded Pine Mulch	87.51	
			For >5 To 20, Deduct	-7.28	
			For >20 To 50, Deduct	-10.93	
			For >50, Deduct	-15.30	
			For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0011	CY		Shredded Cedar Mulch.....	121.16	
			For >5 To 20, Deduct	-8.97	
			For >20 To 50, Deduct	-13.45	
			For >50, Deduct	-19.51	
			For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0012	CY		Shredded Cypress Mulch.....	118.57	
			For >5 To 20, Deduct	-8.84	
			For >20 To 50, Deduct	-13.26	
			For >50, Deduct	-19.18	
			For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0013	CY		Shredded Redwood Mulch.....	125.47	
			For >5 To 20, Deduct	-9.18	
			For >20 To 50, Deduct	-13.77	
			For >50, Deduct	-20.05	
			For Work On Slopes >2.5:1, Add	11.63	
32 91 13 16-0014	CY		Chunk Recycled Tire Mulch.....	195.20	
			For >5 To 20, Deduct	-13.48	
			For >20 To 50, Deduct	-20.22	
			For >50, Deduct	-29.98	
			For Work On Slopes >2.5:1, Add	14.88	
32 91 13 16-0015	CY		Chunk Colored Recycled Tire Mulch	314.27	
			For >5 To 20, Deduct	-19.43	
			For >20 To 50, Deduct	-29.15	
			For >50, Deduct	-44.86	
			For Work On Slopes >2.5:1, Add	14.88	
32 91 13 16-0016	CY		Shredded Recycled Tire Mulch.....	316.00	
			For >5 To 20, Deduct	-19.52	
			For >20 To 50, Deduct	-29.28	
			For >50, Deduct	-45.08	
			For Work On Slopes >2.5:1, Add	14.88	
32 91 13 16-0017	CY		Shredded Colored Recycled Tire Mulch	554.14	
			For >5 To 20, Deduct	-31.43	
			For >20 To 50, Deduct	-47.14	
			For >50, Deduct	-74.85	
			For Work On Slopes >2.5:1, Add	14.88	
32 91 13 16-0018	EA		Pine Straw Mulch Bale.....	9.24	
			Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
			For >100 To 250, Deduct	-0.62	
			For >250 To 500, Deduct	-0.78	
			For >500, Deduct	-1.09	
			For Work On Slopes >2.5:1, Add	0.64	
32 91 13 16-0019	EA		Wheat Straw Mulch Bale.....	9.51	
			Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
			For >100 To 250, Deduct	-0.60	
			For >250 To 500, Deduct	-0.72	
			For >500, Deduct	-1.07	
			For Work On Slopes >2.5:1, Add	0.48	
32 91 13 16-0020			Compost Soil Amendment (AgriService) <small>(32 91 13 16)</small>		
			Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
32 91 13 16-0021	CY		Humic Compost (OIM)	69.94	
			Note: (Agri Service or Equal)		
			For Work On Slopes >2.5:1, Add	11.63	
			For >100 To 1,000, Deduct	-12.22	
			For >1,000, Deduct	-18.63	
32 91 13 26			Planting Beds <small>(32 91 13)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0001			Plant Bed Preparation <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0002	SF		Prepare And Mix Plant Bed, Up To 8" Deep By Machine	0.92	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.18	
32 91 13 26-0003	SF		Prepare And Mix Plant Bed, 9" To 13" Deep By Machine.....	1.06	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.21	
32 91 13 26-0004	SF		Prepare And Mix Plant Bed, 14" To 18" Deep By Machine.....	1.25	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.25	
32 91 13 26-0005	SF		Prepare And Mix Plant Bed By Hand, Up To 8" Deep	4.24	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.85	
32 91 13 26-0006	SF		Prepare And Mix Plant Bed By Hand, 9" To 13" Deep.....	4.87	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			For Work On Slopes >2.5:1, Add	0.97	

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**
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32 91 13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep.....	5.73	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		<i>For Work On Slopes >2.5:1, Add</i>	1.15	
32 91 13 26-0008		Planting Pit Preparation <small>(32 91 13 26)</small>		
		Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil	73.36	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	14.67	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil	146.73	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	29.35	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil	11.41	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	2.28	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil	14.84	
		Note: For use with existing planting pits.		
		<i>For Work On Slopes >2.5:1, Add</i>	2.97	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	65.19	
		<i>For Work On Slopes >2.5:1, Add</i>	13.04	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix.....	126.44	
		<i>For Work On Slopes >2.5:1, Add</i>	11.68	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	6.25	
		<i>For Work On Slopes >2.5:1, Add</i>	1.25	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix.....	82.71	
		<i>For Work On Slopes >2.5:1, Add</i>	2.94	
32 91 13 26-0017		Weed Barrier <small>(32 91 13 26)</small>		
32 91 13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	1.54	
		<i>For Work On Slopes >2.5:1, Add</i>	0.12	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier.....	2.03	
		<i>For Work On Slopes >2.5:1, Add</i>	0.12	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	2.25	
		<i>For Work On Slopes >2.5:1, Add</i>	0.12	
32 91 13 33		Soil Conditioners <small>(32 91 13)</small>		
32 91 13 33-0001		Spread Soil Conditioners <small>(32 91 13 33)</small>		
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader.....	0.34	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader.....	32.37	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader.....	6.00	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread	2.44	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread.....	4.22	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader.....	0.08	
32 91 13 33-0008	MSF	Pelitized Lime, 110 LB/MSF, Tractor Spreader.....	6.17	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	2.94	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader.....	305.76	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	2.73	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	298.68	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader	0.14	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader	12.09	
32 91 13 36		Lawn Bed Preparation <small>(32 91 13)</small>		
32 91 13 36-0001		Lawn Bed Preparation <small>(32 91 13 36)</small>		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	71.46	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	58.68	
32 91 13 36-0004	MSF	Screen Loam By Hand.....	39.12	
32 91 13 36-0005	SY	Roll Topsoil With Machine	0.92	
32 91 13 36-0006	SY	Roll Topsoil By Hand	2.62	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine.....	8.45	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand.....	26.32	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	44.22	
		<i>For >45 to 225, Deduct</i>	-30.95	
		<i>For >225, Deduct</i>	-39.80	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders.....	73.70	
		<i>For >45 to 225, Deduct</i>	-51.59	
		<i>For >225, Deduct</i>	-66.33	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor.....	3.95	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	8.01	
		<i>For Work On Slopes >2.5:1, Add</i>	1.60	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.62	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.75	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	0.93	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds.....	1.04	
32 91 13 36-0017		Sod Removal <small>(32 91 13 36)</small>		
32 91 13 36-0018	SY	Removal Of Sod By Hand.....	4.94	
		<i>For Work On Slopes >2.5:1, Add</i>	0.99	
32 91 13 36-0019	SY	Removal Of Sod With Machine.....	0.53	
		<i>For Work On Slopes >2.5:1, Add</i>	0.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 91 13 36-0020	SY		Pile Sod By Hand..... <i>For Work On Slopes >2.5:1, Add</i>	2.94	0.59
32 91 13 36-0021	SY		Pile Sod With Machine..... <i>For Work On Slopes >2.5:1, Add</i>	1.00	0.20

32 91 19 Landscape Grading (32 91)

32 91 19 13 Topsoil Placement And Grading (32 91 19)

32 91 19 13-0001			Remove And Stockpile Topsoil On Site (32 91 19 13)		
32 91 19 13-0002	CY		Removal Of Topsoil, 4" Deep Stockpile On Site	3.95	
32 91 19 13-0003	CY		Removal Of Topsoil, 6" Deep Stockpile On Site	3.91	

32 91 19 13-0004 Screening Topsoil (32 91 19 13)

32 91 19 13-0005	CY		Screen Topsoil With Vibrating Screen, Wet Material (Organic)	8.63	
32 91 19 13-0006	CY		Screen Topsoil With Vibrating Screen, Dry Material	5.75	

32 91 19 13-0007 Spreading Topsoil From Stockpile (32 91 19 13)

32 91 19 13-0008	CY		Spread Topsoil By Machine From Stockpile	6.75	
32 91 19 13-0009	CY		Spread Topsoil By Hand From Stockpile	55.99	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil (32 91 19 13)

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY		Furnish And Place Imported Screened Topsoil, 2" Deep..... <i>For Unscreened, Deduct</i>	4.34	-0.71
32 91 19 13-0012	SY		Furnish And Place Imported Screened Topsoil, 4" Deep..... <i>For Unscreened, Deduct</i>	8.42	-1.43
32 91 19 13-0013	SY		Furnish And Place Imported Screened Topsoil, 6" Deep..... <i>For Unscreened, Deduct</i>	12.30	-2.14
32 91 19 13-0014	SY		Furnish And Place Imported Screened Topsoil, 9" Deep..... <i>For Unscreened, Deduct</i>	17.95	-3.21
32 91 19 13-0015	SY		Furnish And Place Imported Screened Topsoil, 12" Deep..... <i>For Unscreened, Deduct</i>	23.61	-4.28
32 91 19 13-0016	CY		Furnish And Place Imported Screened Topsoil, Over 12" Deep..... <i>For Unscreened, Deduct</i>	66.91	-12.83

32 91 19 13-0017 Scarify Soil For Planting Preparation (32 91 19 13)

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF		Up To 5,000 SF Scarify Up To 8" Soil With Machine	53.37	
32 91 19 13-0019	MSF		>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	37.36	
32 91 19 13-0020	MSF		>20,000 SF Scarify Up To 8" Soil With Machine.....	21.84	

32 92 Turf And Grasses (32 90)

32 92 16 Plugging (32 92)

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep (32 92 16)

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging (32 92 16 00-0001)

32 92 16 00-0003	MSF		Plugging By Hand, 6" On Center	211.23	
32 92 16 00-0004	MSF		Plugging By Walk Behind Planter, 6" On Center.....	48.01	
32 92 16 00-0005	MSF		Plugging By Towed Planter, 6" On Center.....	41.38	

32 92 16 00-0006 9" On Center Plugging (32 92 16 00-0001)

32 92 16 00-0007	MSF		Plugging By Hand, 9" On Center	161.44	
32 92 16 00-0008	MSF		Plugging By Walk Behind Planter, 9" On Center.....	36.64	
32 92 16 00-0009	MSF		Plugging By Towed Planter, 9" On Center.....	30.78	

32 92 16 00-0010 12" On Center Plugging (32 92 16 00-0001)

32 92 16 00-0011	MSF		Plugging By Hand, 12" On Center	132.25	
32 92 16 00-0012	MSF		Plugging By Walk Behind Planter, 12" On Center.....	23.84	
32 92 16 00-0013	MSF		Plugging By Towed Planter, 12" On Center.....	19.33	

32 92 19 Seeding (32 92)

32 92 19 13 Mechanical Seeding (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding (32 92 19 13)

Note: Excludes straw.

32 92 19 13-0002	MSF		Common Bluegrass, Tractor Spreader	61.66	
			Note: 4 LB/MSF spread rate.		
32 92 19 13-0003	MSF		Tall Fescue, Tractor Spreader	28.81	
			Note: 5.5 LB/MSF spread rate.		

32 Exterior Improvements**32 90 Planting****32 92 Turf And Grasses**
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32 92 19 13-0004	MSF	Rye, Tractor Spreader	29.35	
		Note: 10 LB/MSF spread rate.		
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader.....	32.08	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader.....	34.04	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader.....	31.43	
		Note: 6 LB/MSF spread rate.		
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader	28.17	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader.....	22.02	
		Note: 0.10 LB/MSF spread rate.		
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader.....	70.62	
		Note: 4 LB/MSF spread rate.		
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader.....	41.88	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader.....	21.95	
		Note: 7 LB/MSF spread rate.		
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader	24.57	
		Note: 7 LB/MSF spread rate.		
32 92 19 13-0014		Hydro Or Air Mechanical Seeding <small>(32 92 19 13)</small>		
32 92 19 13-0015	MSF	Common Bluegrass, Hydro Or Air Seeding	116.42	
		Note: 4 LB/MSF spread rate.		
		<i>For Spot Areas Up To 1, Add</i>	95.25	
		<i>For >1 To 4, Add</i>	58.69	
		<i>For >4 To 7.5, Add</i>	38.20	
		<i>For >7.5 To 10, Add</i>	19.10	
		<i>For >45, Deduct</i>	-8.03	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0016	MSF	Tall Fescue, Hydro Or Air Seeding	127.41	
		Note: 5.5 LB/MSF spread rate.		
		<i>For Spot Areas Up To 1, Add</i>	99.65	
		<i>For >1 To 4, Add</i>	60.89	
		<i>For >4 To 7.5, Add</i>	39.30	
		<i>For >7.5 To 10, Add</i>	19.65	
		<i>For >45, Deduct</i>	-8.58	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0017	MSF	Rye, Hydro Or Air Spread.....	116.89	
		Note: 10 LB/MSF spread rate.		
		<i>For Spot Areas Up To 1, Add</i>	95.44	
		<i>For >1 To 4, Add</i>	58.79	
		<i>For >4 To 7.5, Add</i>	38.25	
		<i>For >7.5 To 10, Add</i>	19.12	
		<i>For >45, Deduct</i>	-8.06	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0018	MSF	Shade Mix, Hydro Or Air Seeding.....	116.42	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		<i>For Spot Areas Up To 1, Add</i>	95.25	
		<i>For >1 To 4, Add</i>	58.69	
		<i>For >4 To 7.5, Add</i>	38.20	
		<i>For >7.5 To 10, Add</i>	19.10	
		<i>For >45, Deduct</i>	-8.03	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0019	MSF	Turf Mix, Hydro Or Air Seeding.....	127.41	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		<i>For Spot Areas Up To 1, Add</i>	99.65	
		<i>For >1 To 4, Add</i>	60.89	
		<i>For >4 To 7.5, Add</i>	39.30	
		<i>For >7.5 To 10, Add</i>	19.65	
		<i>For >45, Deduct</i>	-8.58	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0020	MSF	Slope Mix, Hydro Or Air Seeding	122.70	
		Note: 6 LB/MSF spread rate.		
		<i>For Spot Areas Up To 1, Add</i>	97.77	
		<i>For >1 To 4, Add</i>	59.95	
		<i>For >4 To 7.5, Add</i>	38.83	
		<i>For >7.5 To 10, Add</i>	19.41	
		<i>For >45, Deduct</i>	-8.35	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0021	MSF	Utility Mix, Hydro Or Air Seeding.....	118.90	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		<i>For Spot Areas Up To 1, Add</i>	96.25	
		<i>For >1 To 4, Add</i>	59.19	
		<i>For >4 To 7.5, Add</i>	38.45	
		<i>For >7.5 To 10, Add</i>	19.22	
		<i>For >45, Deduct</i>	-8.16	
		<i>For Tackifier, Add</i>	0.83	
32 92 19 13-0022	MSF	Wild Flower Mix, Hydro Or Air Seeding.....	106.68	
		Note: 0.10 LB/MSF spread rate.		
		<i>For Spot Areas Up To 1, Add</i>	91.36	
		<i>For >1 To 4, Add</i>	56.74	
		<i>For >4 To 7.5, Add</i>	37.22	
		<i>For >7.5 To 10, Add</i>	18.61	
		<i>For >45, Deduct</i>	-7.55	
		<i>For Tackifier, Add</i>	0.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 92 19 13-0023	MSF		Crown Vetch Mix, Hydro Or Air Seeding..... Note: 4 LB/MSF spread rate. For Spot Areas Up To 1, Add For >1 To 4, Add For >4 To 7.5, Add For >7.5 To 10, Add For >45, Deduct For Tackifier, Add	216.83 135.42 78.77 48.24 24.12 -13.05 0.83	
32 92 19 13-0024	MSF		Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass. For Spot Areas Up To 1, Add For >1 To 4, Add For >4 To 7.5, Add For >7.5 To 10, Add For >45, Deduct For Tackifier, Add	182.35 121.63 71.88 44.79 22.40 -11.33 0.83	
32 92 19 13-0025	MSF		White Clover Mix, Hydro Or Air Seeding..... Note: 7 LB/MSF spread rate. For Spot Areas Up To 1, Add For >1 To 4, Add For >4 To 7.5, Add For >7.5 To 10, Add For >45, Deduct For Tackifier, Add	91.79 85.40 53.77 35.74 17.87 -6.80 0.83	
32 92 19 13-0026	MSF		Ladino Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. For Spot Areas Up To 1, Add For >1 To 4, Add For >4 To 7.5, Add For >7.5 To 10, Add For >45, Deduct For Tackifier, Add	110.15 92.75 57.44 37.57 18.79 -7.72 0.83	
32 92 19 13-0027	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread Note: 4 LB/MSF spread rate. For Spot Areas Up To 1, Add For >1 To 4, Add For >4 To 7.5, Add For >7.5 To 10, Add For >45, Deduct For Tackifier, Add	119.56 96.51 59.32 38.51 19.26 -8.19 0.83	
32 92 19 13-0028	MSF		2,500 LB/Acre, High Performance - Flexible Growth Medium..... Note: Applied with seed. Excludes seed. For >45, Deduct	79.67 -5.09	
32 92 19 13-0029	MSF		3,000 LB/Acre, High Performance - Flexible Growth Medium..... Note: Applied with seed. Excludes seed. For >45, Deduct	92.28 -5.78	
32 92 19 13-0030	MSF		3,500 LB/Acre, High Performance - Flexible Growth Medium..... Note: Applied with seed. Excludes seed. For >45, Deduct	104.96 -6.47	
32 92 19 13-0031	MSF		4,000 LB/Acre, High Performance - Flexible Growth Medium..... Note: Applied with seed. Excludes seed. For >45, Deduct	117.68 -7.17	
32 92 19 13-0032	MSF		4,500 LB/Acre, High Performance - Flexible Growth Medium..... Note: Applied with seed. Excludes seed. For >45, Deduct	130.47 -7.87	

32 92 19 19 Seeding By Hand (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 19-0001			Push Spreader Or Hand Seeding <small>(32 92 19 19)</small> Note: Excludes straw.		
32 92 19 19-0002	MSF		Common Bluegrass, Push Spreader Or Hand..... Note: 4 LB/MSF spread rate. For >5 To 20, Deduct For >20 To 45, Deduct For >45, Deduct	116.65 -7.67 -14.25 -22.67	
32 92 19 19-0003	MSF		Tall Fescue, Push Spreader Or Hand..... Note: 5.5 LB/MSF spread rate. For >5 To 20, Deduct For >20 To 45, Deduct For >45, Deduct	83.80 -6.02 -11.79 -19.38	
32 92 19 19-0004	MSF		Rye, Push Spreader Or Hand..... Note: 10 LB/MSF spread rate. For >5 To 20, Deduct For >20 To 45, Deduct For >45, Deduct	84.34 -6.05 -11.83 -19.44	
32 92 19 19-0005	MSF		Shade Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass. For >5 To 20, Deduct For >20 To 45, Deduct For >45, Deduct	87.07 -6.19 -12.03 -19.71	
32 92 19 19-0006	MSF		Turf Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass. For >5 To 20, Deduct For >20 To 45, Deduct For >45, Deduct	89.03 -6.29 -12.18 -19.91	

32 Exterior Improvements**32 90 Planting****32 92 Turf And Grasses**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 92 19 19-0007	MSF Slope Mix, Push Spreader Or Hand.....	86.42	
	Note: 6 LB/MSF spread rate.		
	For >5 To 20, Deduct	-6.15	
	For >20 To 45, Deduct	-11.98	
	For >45, Deduct	-19.64	
32 92 19 19-0008	MSF Utility Mix, Push Spreader Or Hand	83.16	
	Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
	For >5 To 20, Deduct	-5.99	
	For >20 To 45, Deduct	-11.74	
	For >45, Deduct	-19.32	
32 92 19 19-0009	MSF Wild Flower Mix, Push Spreader Or Hand	77.01	
	Note: 0.10 LB/MSF spread rate.		
	For >5 To 20, Deduct	-5.68	
	For >20 To 45, Deduct	-11.28	
	For >45, Deduct	-18.70	
32 92 19 19-0010	MSF Crown Vetch Mix, Push Spreader Or Hand	125.61	
	Note: 4 LB/MSF spread rate.		
	For >5 To 20, Deduct	-8.11	
	For >20 To 45, Deduct	-14.92	
	For >45, Deduct	-23.56	
32 92 19 19-0011	MSF Athletic Mix, Push Spreader Or Hand	96.87	
	Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
	For >5 To 20, Deduct	-6.68	
	For >20 To 45, Deduct	-12.77	
	For >45, Deduct	-20.69	
32 92 19 19-0012	MSF White Clover Mix, Push Spreader Or Hand	76.94	
	Note: 7 LB/MSF spread rate.		
	For >5 To 20, Deduct	-5.68	
	For >20 To 45, Deduct	-11.27	
	For >45, Deduct	-18.70	
32 92 19 19-0013	MSF Ladino Clover Mix, Push Spreader Or Hand	79.56	
	Note: 7 LB/MSF spread rate.		
	For >5 To 20, Deduct	-5.81	
	For >20 To 45, Deduct	-11.47	
	For >45, Deduct	-18.96	
32 92 19 19-0014	MSF 100% Kentucky Bluegrass, Push Spreader Or Hand.....	119.63	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.82	
	For >20 To 45, Deduct	-14.47	
	For >45, Deduct	-22.97	
32 92 19 19-0015	MSF 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand.....	111.00	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.38	
	For >20 To 45, Deduct	-13.83	
	For >45, Deduct	-22.10	
32 92 19 19-0016	MSF 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand.....	104.73	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.07	
	For >20 To 45, Deduct	-13.36	
	For >45, Deduct	-21.48	
32 92 19 19-0017	MSF 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand.....	117.28	
	Note: 4.4 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.70	
	For >20 To 45, Deduct	-14.30	
	For >45, Deduct	-22.73	
32 92 19 19-0018	MSF 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand.....	107.86	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-7.23	
	For >20 To 45, Deduct	-13.59	
	For >45, Deduct	-21.79	
32 92 19 19-0019	MSF 40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	89.03	
	Note: 3.3 LB/MSF spread rate.		
	For >5 To 20, Deduct	-6.29	
	For >20 To 45, Deduct	-12.18	
	For >45, Deduct	-19.91	

32 92 23 Sodding (32 92)

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Tall Fescue Sod (32 92 23)

32 92 23 00-0002	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	1,734.81	
	For Hybrid Fescue "Marathon", Add	116.21	
32 92 23 00-0003	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,410.27	
	For Hybrid Fescue "Marathon", Add	87.34	
32 92 23 00-0004	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,189.20	
	For Hybrid Fescue "Marathon", Add	72.90	
32 92 23 00-0005	MSF >8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,014.15	
	For Hybrid Fescue "Marathon", Add	58.46	
32 92 23 00-0006	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,021.16	
	For Hybrid Fescue "Marathon", Add	116.21	
32 92 23 00-0007	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,654.33	
	For Hybrid Fescue "Marathon", Add	87.34	
32 92 23 00-0008	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,357.58	
	For Hybrid Fescue "Marathon", Add	72.90	
32 92 23 00-0009	MSF >8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,157.33	
	For Hybrid Fescue "Marathon", Add	58.46	

	Exterior Improvements	32
	Planting	32 90
	Turf And Grasses	32 92
	TOTAL DIRECT	DEMOLITION
	UNIT COST	UNIT COST

MINOR
CSI UOM DESCRIPTION

32 93 Plants (32 90)

32 93 13 Ground Covers (32 93)

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses (32 93 13)

32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass.....	18.65
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass.....	34.48
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass.....	62.67
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass.....	114.07
32 93 13 00-0006	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	14.28
32 93 13 00-0007	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass.....	18.99
32 93 13 00-0008	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass.....	20.32
32 93 13 00-0009	EA	1 Quart, Koeleria glauca - Blue Hair Grass.....	14.24
32 93 13 00-0010	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	18.99
32 93 13 00-0011	EA	3 Gallon, Koeleria glauca - Blue Hair Grass.....	45.94
32 93 13 00-0012	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	18.03
32 93 13 00-0013	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	23.36
32 93 13 00-0014	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	44.67
32 93 13 00-0015	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	16.73
32 93 13 00-0016	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	26.31
32 93 13 00-0017	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	45.02
32 93 13 00-0018	EA	1 Quart, Pennisetum setaceum - Fountain Grass.....	15.58
32 93 13 00-0019	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	39.62
32 93 13 00-0020	EA	3 Gallon, Pennisetum setaceum - Fountain Grass.....	52.24
32 93 13 00-0021	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	49.31
32 93 13 00-0022	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	55.40
32 93 13 00-0023	EA	7 Gallon, Saccharum ravennae - Ravenna Grass.....	91.39
32 93 13 00-0024	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass.....	26.78
32 93 13 00-0025	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass.....	40.08
32 93 13 00-0026	EA	1 Quart, Stipa gigantea - Giant Feather Grass	20.44
32 93 13 00-0027	EA	1 Gallon, Stipa gigantea - Giant Feather Grass.....	28.48

32 93 13 00-0028 Ground Covers (32 93 13)

32 93 13 00-0029	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag.....	8.96
32 93 13 00-0030	EA	3" Pot Ajuga reptans - Carpet Bugle.....	2.15
32 93 13 00-0031	EA	1 Quart Ajuga reptans - Carpet Bugle.....	3.58
32 93 13 00-0032	EA	1 Gallon Ajuga reptans - Carpet Bugle.....	8.60
32 93 13 00-0033	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	37.01
32 93 13 00-0034	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	29.85
32 93 13 00-0035	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	54.69
32 93 13 00-0036	EA	1 Quart Arundo donax - Giant Reed	11.46
32 93 13 00-0037	EA	1 Gallon Arundo donax - Giant Reed.....	16.48
32 93 13 00-0038	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush.....	3.58
32 93 13 00-0039	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	6.21
32 93 13 00-0040	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea.....	12.52
32 93 13 00-0041	EA	1 Gallon Campsis radicans - Trumpet Creeper.....	13.13
32 93 13 00-0042	EA	2 Gallon Campsis radicans - Trumpet Creeper.....	19.82
32 93 13 00-0043	EA	5 Gallon Campsis radicans - Trumpet Creeper.....	47.76
32 93 13 00-0044	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge.....	12.66
32 93 13 00-0045	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge.....	16.48
32 93 13 00-0046	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge.....	6.45
32 93 13 00-0047	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge.....	8.96
32 93 13 00-0048	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge.....	13.97
32 93 13 00-0049	EA	1 Gallon Cissus antarctica - Kangaroo Vine	6.93
32 93 13 00-0050	EA	5 Gallon Cissus antarctica - Kangaroo Vine	21.73
32 93 13 00-0051	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	6.93
32 93 13 00-0052	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	23.64
32 93 13 00-0053	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	6.93
32 93 13 00-0054	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	24.84
32 93 13 00-0055	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma.....	5.97
32 93 13 00-0056	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma.....	21.73
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	11.70
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	22.21
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	39.16
32 93 13 00-0060	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	7.40
32 93 13 00-0061	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	26.03
32 93 13 00-0062	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	8.53
32 93 13 00-0063	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper.....	22.10
32 93 13 00-0064	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	37.02
32 93 13 00-0065	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	9.31
32 93 13 00-0066	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	18.63
32 93 13 00-0067	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	5.02
32 93 13 00-0068	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	8.96
32 93 13 00-0069	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	13.97
32 93 13 00-0070	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	7.40
32 93 13 00-0071	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	24.36
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	10.32
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	37.25
32 93 13 00-0074	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	12.66
32 93 13 00-0075	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	19.11
32 93 13 00-0076	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	8.60
32 93 13 00-0077	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	28.66

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0078	EA	2" To 3" Pot Hedera helix - English Ivy	2.15	
32 93 13 00-0079	EA	12" To 15" Runners Hedera helix - English Ivy	3.58	
32 93 13 00-0080	EA	1 Gallon Hedera helix - English Ivy	8.60	
32 93 13 00-0081	EA	50 Plant Flat Hedera helix - English Ivy	49.67	
32 93 13 00-0082	EA	3 Gallon Hibiscus, Assorted Colors.....	11.20	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	15.52	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	29.13	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	47.76	
32 93 13 00-0086	EA	1 Gallon Hymenocallis latifolia - Spider Lily	5.56	
32 93 13 00-0087	EA	3 Gallon Hymenocallis latifolia - Spider Lily	14.83	
32 93 13 00-0088	EA	1 Quart Hypericum perforatum - St. John's Wort	3.58	
32 93 13 00-0089	EA	1 Gallon Hypericum perforatum - St. John's Wort.....	8.60	
32 93 13 00-0090	EA	5 Gallon Hypericum perforatum - St. John's Wort.....	22.21	
32 93 13 00-0091	EA	1 Quart Iberis sempervirens - Candytuft.....	3.58	
32 93 13 00-0092	EA	1 Gallon Iberis sempervirens - Candytuft.....	8.60	
32 93 13 00-0093	EA	1 Gallon Ilex cornuta - Dwarf Holly.....	6.49	
32 93 13 00-0094	EA	3 Gallon Ilex cornuta - Dwarf Holly.....	13.90	
32 93 13 00-0095	EA	1 Gallon Jasminum polyanthum - Winter Jasmine.....	8.60	
32 93 13 00-0096	EA	2 Gallon Jasminum polyanthum - Winter Jasmine.....	17.19	
32 93 13 00-0097	EA	5 Gallon Jasminum polyanthum - Winter Jasmine.....	29.85	
32 93 13 00-0098	EA	1 Gallon Jasminum volubile - Wax Jasmine	4.51	
32 93 13 00-0099	EA	1 Gallon Jasminum volubile - Wax Jasmine	11.20	
32 93 13 00-0100	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	5.63	
32 93 13 00-0101	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	12.52	
32 93 13 00-0102	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	20.86	
32 93 13 00-0103	EA	1 Gallon Juniperus horizontalis 'Wiltoni' - Blue Rug Juniper.....	9.72	
32 93 13 00-0104	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	9.79	
32 93 13 00-0105	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	21.01	
32 93 13 00-0106	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	31.04	
32 93 13 00-0107	EA	1 Gallon Lantana spp. Various Colors	5.07	
32 93 13 00-0108	EA	4" Pot Lantana camera - Common Lantana.....	2.15	
32 93 13 00-0109	EA	1 Gallon Lantana camera - Common Lantana	6.21	
32 93 13 00-0110	EA	1 Gallon Lantana sellowiana - Trailing Lantana	3.34	
32 93 13 00-0111	EA	4" Pot Lavandula angustifolia - English Lavender.....	3.10	
32 93 13 00-0112	EA	1 Quart Lavandula angustifolia - English Lavender.....	5.97	
32 93 13 00-0113	EA	1 Gallon Lavandula angustifolia - English Lavender	9.79	
32 93 13 00-0114	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	5.07	
32 93 13 00-0115	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	6.40	
32 93 13 00-0116	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	10.23	
32 93 13 00-0117	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	4.01	
32 93 13 00-0118	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilytuft.....	9.79	
32 93 13 00-0119	EA	2 Quart Liriope spicata - Creeping Lilytuft.....	6.21	
32 93 13 00-0120	EA	1 Gallon Liriope spicata - Creeping Lilytuft	11.22	
32 93 13 00-0121	EA	5 Gallon Liriope spicata - Creeping Lilytuft	23.64	
32 93 13 00-0122	EA	Bare Root Liriope spicata - Creeping Liriope	1.57	
32 93 13 00-0123	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	9.79	
32 93 13 00-0124	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	18.63	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	2.15	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	9.79	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	18.63	
32 93 13 00-0128	EA	2 Quart Lysimachia nummularia - Creeping Jenny	3.58	
32 93 13 00-0129	EA	1 Gallon Lysimachia nummularia - Creeping Jenny.....	6.93	
32 93 13 00-0130	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	8.60	
32 93 13 00-0131	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	37.25	
32 93 13 00-0132	EA	1 Quart Moss Phlox, Creeping Phlox.....	3.58	
32 93 13 00-0133	EA	1 Gallon Moss Phlox, Creeping Phlox.....	8.60	
32 93 13 00-0134	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern.....	4.51	
32 93 13 00-0135	EA	1 Quart Nepeta mussinii - Persian Catmint.....	3.58	
32 93 13 00-0136	EA	1 Gallon Nepeta mussinii - Persian Catmint	7.40	
32 93 13 00-0137	EA	4" Pot Ophiopogon Japonicus - Mondo grass.....	2.15	
32 93 13 00-0138	EA	1 Gallon Ophiopogon Japonicus - Mondo grass.....	8.60	
32 93 13 00-0139	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	19.82	
32 93 13 00-0140	EA	2' To 3' High Oregon Holly-Grape.....	9.92	
32 93 13 00-0141	EA	1 Gallon Pachysandra terminalis - Pachysandra	12.93	
32 93 13 00-0142	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy.....	4.78	
32 93 13 00-0143	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy.....	10.89	
32 93 13 00-0144	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy.....	29.80	
32 93 13 00-0145	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	2.15	
32 93 13 00-0146	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper.....	11.22	
32 93 13 00-0147	EA	1 Gallon Ranunculaceae - Clematis Varieties.....	12.34	
32 93 13 00-0148	EA	2 Gallon Ranunculaceae - Clematis Varieties.....	22.82	
32 93 13 00-0149	EA	3 Gallon Rhampholepis umbellata 'Minor' - Dwarf Indian Hawthorn.....	13.90	
32 93 13 00-0150	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	2.15	
32 93 13 00-0151	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	8.60	
32 93 13 00-0152	EA	2-1/4" Pot Securigera varia - Crown Vetch.....	1.43	
32 93 13 00-0153	EA	50 Plant Flat Securigera varia - Crown Vetch.....	48.48	
32 93 13 00-0154	EA	1 Quart Senecio cineraria - Dusty Miller	3.58	
32 93 13 00-0155	EA	1 Gallon Senecio cineraria - Dusty Miller.....	8.60	
32 93 13 00-0156	EA	1 Quart Stachys byzantina - Lamb's Ear.....	3.58	
32 93 13 00-0157	EA	1 Quart Stachys byzantina - Lamb's Ear.....	8.60	
32 93 13 00-0158	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	4.63	
32 93 13 00-0159	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	4.51	
32 93 13 00-0160	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum.....	30.22	
32 93 13 00-0161	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	4.54	
32 93 13 00-0162	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	6.93	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 13 00-0163	EA	2-1/4" Pot Vinca minor - Periwinkle.....	1.19
32 93 13 00-0164	EA	4" Pot Vinca minor - Periwinkle.....	3.58
32 93 13 00-0165	EA	Bare Root Vinca minor - Periwinkle.....	1.19
32 93 13 00-0166	EA	48 Plant Flat Vinca minor - Lesser Periwinkle.....	42.56
32 93 13 00-0167	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle.....	1.19
32 93 13 00-0168	EA	4" Pot Vinca major - Variegated Greater Periwinkle.....	3.58
32 93 13 00-0169	EA	Bare Root Vinca major - Variegated Greater Periwinkle.....	1.19
32 93 13 00-0170	EA	1 Quart Waldsteinia ternata - Barren Strawberry.....	3.58
32 93 13 00-0171	EA	1 Gallon Waldsteinia ternata - Barren Strawberry.....	8.60
32 93 13 00-0172	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	11.22
32 93 13 00-0173	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	24.84
32 93 13 00-0174	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	37.25
32 93 13 00-0175	EA	Flat Hedera canariensis - Algerian Ivy.....	14.44
32 93 13 00-0176	EA	2-1/2" Pot Hedera canariensis - Algerian Ivy.....	3.81
32 93 13 00-0177	EA	Flat Gazania 'Copper King'.....	11.84
32 93 13 00-0178	EA	1 Gallon Gazania 'Copper King'.....	4.04
32 93 13 00-0179	EA	Flat Myoporum parvifolium - Myoporum.....	14.44
32 93 13 00-0180	EA	1 Gallon Myoporum parvifolium - Myoporum.....	4.04
32 93 13 00-0181	EA	5 Gallon Myoporum parvifolium - Myoporum.....	11.55
32 93 13 00-0182	EA	1 Gallon Lantana montevidensis - Purple Lantana.....	4.04
32 93 13 00-0183	EA	5 Gallon Lantana montevidensis - Purple Lantana.....	11.55
32 93 13 00-0184	EA	Flat Carpobrotus - Ice Plant.....	10.98
32 93 13 00-0185	EA	1 Gallon Carpobrotus - Ice Plant.....	4.62

32 93 23 Plants And Bulbs (32 93)

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials (32 93 23)

32 93 23 00-0002	EA	2 Quart Assorted Daylilies.....	6.93
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies.....	9.79
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies.....	16.24
32 93 23 00-0005	EA	1 Quart Azure Penstemon - Barren Strawberry.....	3.58
32 93 23 00-0006	EA	1 Gallon Azure Penstemon.....	8.96
32 93 23 00-0007	EA	1 Quart Balloon Flower.....	3.58
32 93 23 00-0008	EA	1 Gallon Balloon Flower.....	8.96
32 93 23 00-0009	EA	1 Quart Black-eyed Susan.....	3.58
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan.....	8.96
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan.....	11.58
32 93 23 00-0012	EA	1 Quart Blackberry Lily.....	3.58
32 93 23 00-0013	EA	1 Gallon Blackberry Lily.....	8.96
32 93 23 00-0014	EA	1 Quart Blank Flower.....	3.58
32 93 23 00-0015	EA	1 Gallon Blank Flower.....	8.24
32 93 23 00-0016	EA	2 Gallon Blank Flower.....	11.58
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather.....	3.58
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather.....	8.96
32 93 23 00-0019	EA	1 Quart Bloodred Geranium.....	6.09
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium.....	10.27
32 93 23 00-0021	EA	1 Quart Blue Plumbago.....	3.58
32 93 23 00-0022	EA	1 Gallon Blue Plumbago.....	8.96
32 93 23 00-0023	EA	1 Quart Blue Star.....	6.45
32 93 23 00-0024	EA	1 Gallon Blue Star.....	10.27
32 93 23 00-0025	EA	1 Quart Cardinal Flower.....	3.58
32 93 23 00-0026	EA	1 Gallon Cardinal Flower.....	8.96
32 93 23 00-0027	EA	4" Pot Columbine.....	2.15
32 93 23 00-0028	EA	1 Quart Columbine.....	3.58
32 93 23 00-0029	EA	1 Gallon Columbine.....	8.96
32 93 23 00-0030	EA	1 Quart Common Globeflower.....	3.58
32 93 23 00-0031	EA	1 Gallon Common Globeflower.....	8.96
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink.....	3.58
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink.....	8.96
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'.....	12.90
32 93 23 00-0035	EA	1 Quart Diploid.....	4.54
32 93 23 00-0036	EA	1 Gallon Diploid.....	10.27
32 93 23 00-0037	EA	3 Gallon Diploid.....	17.67
32 93 23 00-0038	EA	4" Pot Dune Sunflower.....	5.11
32 93 23 00-0039	EA	1 Quart Evans Begonia.....	6.45
32 93 23 00-0040	EA	1 Gallon Evans Begonia.....	11.58
32 93 23 00-0041	EA	1 Quart False Dragonhead.....	3.58
32 93 23 00-0042	EA	1 Gallon False Dragonhead.....	8.96
32 93 23 00-0043	EA	1 Quart False Spirea.....	3.58
32 93 23 00-0044	EA	1 Gallon False Spirea.....	11.58
32 93 23 00-0045	EA	3 Gallon False Spirea.....	16.00
32 93 23 00-0046	EA	2 Quart False Sunflower.....	5.73
32 93 23 00-0047	EA	1 Gallon False Sunflower.....	8.96
32 93 23 00-0048	EA	2 Gallon False Sunflower.....	11.58
32 93 23 00-0049	EA	1 Gallon Foxglove.....	8.24
32 93 23 00-0050	EA	2 Gallon Foxglove.....	11.58
32 93 23 00-0051	EA	3 Gallon Foxglove.....	16.72
32 93 23 00-0052	EA	1 Gallon Francee Hostas.....	14.50
32 93 23 00-0053	EA	1 Quart Garden Phlox.....	3.58
32 93 23 00-0054	EA	1 Gallon Garden Phlox.....	8.96
32 93 23 00-0055	EA	2 Quart Golden Groundsel.....	7.64
32 93 23 00-0056	EA	2 Gallon Golden Groundsel.....	15.40
32 93 23 00-0057	EA	1 Quart Golden Star.....	3.58
32 93 23 00-0058	EA	1 Gallon Golden Star.....	8.96

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 23 00-0059	EA	1 Quart Goldenrod	3.58
32 93 23 00-0060	EA	1 Gallon Goldenrod.....	8.96
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies.....	16.68
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	2.15
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	3.58
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy.....	8.96
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	3.11
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	5.14
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	8.24
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	12.78
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	20.42
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	26.87
32 93 23 00-0071	EA	4" Pot Japanese Anemone	2.15
32 93 23 00-0072	EA	1 Quart Japanese Anemone	6.45
32 93 23 00-0073	EA	2 Gallon Japanese Anemone.....	11.58
32 93 23 00-0074	EA	2" Pot Japanese Spurge	1.27
32 93 23 00-0075	EA	6" Pot Japanese Spurge	1.91
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	8.23
32 93 23 00-0077	EA	1 Quart Oriental Poppy	5.14
32 93 23 00-0078	EA	1 Gallon Oriental Poppy.....	10.27
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis.....	42.56
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris.....	7.05
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris.....	13.38
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	13.56
32 93 23 00-0083	EA	4" Pot Perennial Salvia	2.15
32 93 23 00-0084	EA	1 Quart Perennial Salvia.....	3.58
32 93 23 00-0085	EA	1 Gallon Perennial Salvia.....	8.96
32 93 23 00-0086	EA	1 Quart Pincushion Flower.....	3.58
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	8.96
32 93 23 00-0088	EA	2 Quart Plantain Lily.....	6.93
32 93 23 00-0089	EA	1 Gallon Plantain Lily	9.79
32 93 23 00-0090	EA	2 Gallon Plantain Lily	16.24
32 93 23 00-0091	EA	3 Gallon Plantain Lily	30.69
32 93 23 00-0092	EA	2 Quart Purple Coneflower	6.45
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	8.96
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	11.58
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	3.58
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife.....	8.96
32 93 23 00-0097	EA	1 Quart Rose Mallow	7.05
32 93 23 00-0098	EA	2 Gallon Rose Mallow	12.78
32 93 23 00-0099	EA	3 Gallon Rose Mallow	21.85
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	13.65
32 93 23 00-0101	EA	1 Quart Siberian Iris	6.09
32 93 23 00-0102	EA	2 Gallon Siberian Iris	11.58
32 93 23 00-0103	EA	3 Gallon Siberian Iris	16.00
32 93 23 00-0104	EA	1 Quart Speedwell	3.58
32 93 23 00-0105	EA	1 Gallon Speedwell	8.96
32 93 23 00-0106	EA	1 Quart Tetraploid	8.96
32 93 23 00-0107	EA	1 Gallon Tetraploid.....	16.72
32 93 23 00-0108	EA	3 Gallon Tetraploid.....	22.81
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis.....	3.58
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	8.96
32 93 23 00-0111	EA	1 Quart Torch Lily	3.58
32 93 23 00-0112	EA	1 Quart Bluebeard.....	6.45
32 93 23 00-0113	EA	1 Gallon Bluebeard	9.55
32 93 23 00-0114	EA	2 Gallon Bluebeard	13.97

32 93 23 00-0115 Annuals (32 93 23)

32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	1.66
32 93 23 00-0117	EA	3" Pot Annual Flowers.....	2.25
32 93 23 00-0118	EA	4" Pot Annual Flowers.....	4.81
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	6.39
32 93 23 00-0120	EA	6" Pot Annual Flowers.....	12.65
32 93 23 00-0121	EA	8" Pot Annual Flowers.....	21.09
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	27.61
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	31.32

32 93 23 00-0124 Bulbs (32 93 23)

32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	5.78
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.33
32 93 23 00-0127	EA	Top Size Crocus Hybrid	0.38
32 93 23 00-0128	EA	Top Size Eranthis hyemalis - Winter Aconite	0.49
32 93 23 00-0129	EA	Top Size Galanthus nivalis - Snowdrops	0.62
32 93 23 00-0130	EA	Top Size Iris reticulata cvs - Dutch Iris.....	0.24
32 93 23 00-0131	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.29
32 93 23 00-0132	EA	Top Size Muscari latifolium - Grape Hyacinth	0.33
32 93 23 00-0133	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	2.00
32 93 23 00-0134	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI.....	0.96
32 93 23 00-0135	EA	Narcissus 'February Gold' - February Gold Daffodil DNI.....	1.00
32 93 23 00-0136	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	1.00
32 93 23 00-0137	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	1.04
32 93 23 00-0138	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	1.11
32 93 23 00-0139	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	1.04

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CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 23 00-0140	EA	Narcissus 'Salome' - Salome Daffodil DNI.....	0.98
32 93 23 00-0141	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI.....	1.04
32 93 23 00-0142	EA	Narcissus 'Thalia' - Thalia Daffodil DNI.....	1.04
32 93 23 00-0143	EA	Top Size Scilla siberica - Siberian Squill.....	0.31
32 93 23 00-0144	EA	Top Size Tulip 'Angelique' - Angelique Tulip.....	0.89
32 93 23 00-0145	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip.....	0.67
32 93 23 00-0146	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip.....	0.89
32 93 23 00-0147	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip.....	0.78
32 93 23 00-0148	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip.....	1.11
32 93 23 00-0149	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip.....	0.84
32 93 23 00-0150	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip.....	0.73
32 93 23 00-0151	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip.....	0.82
32 93 23 00-0152	EA	Top Size Tulip clusiana - Species Tulip.....	0.82
32 93 23 00-0153	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip.....	0.82
32 93 23 00-0154	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip.....	0.67
32 93 23 00-0155	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip.....	0.64
32 93 23 00-0156	EA	Top Size Tulip 'Halcro' - Halcro Tulip.....	0.67
32 93 23 00-0157	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip.....	1.11
32 93 23 00-0158	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip.....	0.67
32 93 23 00-0159	EA	Top Size Tulip 'Passionale' - Passionale Tulip.....	0.89
32 93 23 00-0160	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip.....	0.96
32 93 23 00-0161	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip.....	1.00
32 93 23 00-0162	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip.....	0.80
32 93 23 00-0163	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip.....	0.76
32 93 23 00-0164	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip.....	0.82
32 93 23 00-0165	EA	Top Size Tulip 'Princeps' - Princeps Tulip.....	0.82
32 93 23 00-0166	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip.....	0.64
32 93 23 00-0167	EA	Top Size Tulip saxatilis - Species Tulip.....	0.44
32 93 23 00-0168	EA	Top Size Tulip 'Shirley' - Shirley Tulip.....	0.67
32 93 23 00-0169	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip.....	0.87
32 93 23 00-0170	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip.....	0.67

32 93 33 Shrubs (32 93)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0054 for installation and planting of shrubs.

32 93 33 00-0001 Shrubs (32 93 33)

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia.....	7.30
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia.....	14.86
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia.....	28.52
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia.....	5.37
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia.....	13.29
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia.....	52.74
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	105.89
32 93 33 00-0009	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	154.76
32 93 33 00-0010	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	172.68
32 93 33 00-0011	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	218.29
32 93 33 00-0012	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	242.73
32 93 33 00-0013	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye.....	48.87
32 93 33 00-0014	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye.....	65.16
32 93 33 00-0015	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye.....	81.45
32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile.....	5.37
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile.....	13.29
32 93 33 00-0018	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	54.40
32 93 33 00-0019	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	64.00
32 93 33 00-0020	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	76.80
32 93 33 00-0021	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	89.60
32 93 33 00-0022	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	108.80
32 93 33 00-0023	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry.....	52.80
32 93 33 00-0024	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry.....	56.00
32 93 33 00-0025	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry.....	59.20
32 93 33 00-0026	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry.....	67.20
32 93 33 00-0027	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry.....	53.60
32 93 33 00-0028	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry.....	56.80
32 93 33 00-0029	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry.....	60.00
32 93 33 00-0030	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry.....	63.20
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant.....	11.00
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant.....	25.44
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	12.89
32 93 33 00-0034	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	28.36
32 93 33 00-0035	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	38.33
32 93 33 00-0036	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	5.37
32 93 33 00-0037	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	13.29
32 93 33 00-0038	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	5.37
32 93 33 00-0039	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	13.29
32 93 33 00-0040	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	13.75
32 93 33 00-0041	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	20.11
32 93 33 00-0042	EA	15" To 18" Berberis - Northern Bayberry.....	57.41
32 93 33 00-0043	EA	2' To 2-1/2' Berberis - Northern Bayberry.....	72.88
32 93 33 00-0044	EA	2-1/2' To 3' Berberis - Northern Bayberry.....	102.10
32 93 33 00-0045	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry.....	6.07
32 93 33 00-0046	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry.....	14.62
32 93 33 00-0047	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry.....	61.36
32 93 33 00-0048	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry.....	78.55
32 93 33 00-0049	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry.....	100.38
32 93 33 00-0050	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry.....	16.50

32 Exterior Improvements

32 90 Planting

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32 93 33 00-0051	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	32.49
32 93 33 00-0052	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	39.70
32 93 33 00-0053	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	15.64
32 93 33 00-0054	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	44.17
32 93 33 00-0055	EA	2' To 3' Berberis x mentorensis - Mentor Barberry.....	61.36
32 93 33 00-0056	EA	3' To 4' Berberis x mentorensis - Mentor Barberry.....	94.71
32 93 33 00-0057	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood.....	17.88
32 93 33 00-0058	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood.....	47.95
32 93 33 00-0059	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	51.05
32 93 33 00-0060	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	65.66
32 93 33 00-0061	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	87.49
32 93 33 00-0062	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	131.32
32 93 33 00-0063	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	182.36
32 93 33 00-0064	EA	12" To 15" Buxus sempervirens - Common Boxwood	51.05
32 93 33 00-0065	EA	15" To 18" Buxus sempervirens - Common Boxwood	65.66
32 93 33 00-0066	EA	18" To 24" Buxus sempervirens - Common Boxwood	87.49
32 93 33 00-0067	EA	24" To 30" Buxus sempervirens - Common Boxwood	131.32
32 93 33 00-0068	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	33.60
32 93 33 00-0069	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	56.00
32 93 33 00-0070	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood.....	147.20
32 93 33 00-0071	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood.....	80.00
32 93 33 00-0072	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood.....	108.80
32 93 33 00-0073	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	147.20
32 93 33 00-0074	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	4.82
32 93 33 00-0075	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	14.84
32 93 33 00-0076	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	48.23
32 93 33 00-0077	EA	5 Gallon Calycanthus floridus - Common Sweetshrub.....	52.80
32 93 33 00-0078	EA	30" B&B Calycanthus floridus - Common Sweetshrub.....	48.00
32 93 33 00-0079	EA	36" B&B Calycanthus floridus - Common Sweetshrub.....	64.00
32 93 33 00-0080	EA	1 Gallon Camellia "Sasanqua" - Camellia.....	12.89
32 93 33 00-0081	EA	3 Gallon Camellia "Sasanqua" - Camellia.....	27.50
32 93 33 00-0082	EA	5 Gallon Camellia "Sasanqua" - Camellia.....	45.72
32 93 33 00-0083	EA	7 Gallon Camellia "Sasanqua" - Camellia.....	68.08
32 93 33 00-0084	EA	15 Gallon Camellia "Sasanqua" - Camellia.....	176.64
32 93 33 00-0085	EA	1 Gallon Camellia japonica - Camellia	12.89
32 93 33 00-0086	EA	3 Gallon Camellia japonica - Camellia	27.50
32 93 33 00-0087	EA	5 Gallon Camellia japonica - Camellia.....	45.72
32 93 33 00-0088	EA	5 Gallon Ceanothus americanus - New Jersey Tea.....	52.80
32 93 33 00-0089	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	6.07
32 93 33 00-0090	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	15.77
32 93 33 00-0091	EA	5 Gallon Celastrus scandens - Bittersweet	52.80
32 93 33 00-0092	EA	36" B&B Celastrus scandens - Bittersweet.....	44.80
32 93 33 00-0093	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	52.80
32 93 33 00-0094	EA	24" B&B Cephalanthus occidentalis - Buttonbush	40.00
32 93 33 00-0095	EA	30" B&B Cephalanthus occidentalis - Buttonbush	44.80
32 93 33 00-0096	EA	36" B&B Cephalanthus occidentalis - Buttonbush	48.00
32 93 33 00-0097	EA	18" To 24" Chaenomeles speciosa - Flowering Quince.....	46.06
32 93 33 00-0098	EA	2' To 3' Chaenomeles speciosa - Flowering Quince.....	61.36
32 93 33 00-0099	EA	3' To 4' Chaenomeles speciosa - Flowering Quince.....	94.71
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	5.37
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	13.29
32 93 33 00-0102	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra.....	51.20
32 93 33 00-0103	EA	18" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	55.20
32 93 33 00-0104	EA	24" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	61.60
32 93 33 00-0105	EA	30" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	64.80
32 93 33 00-0106	EA	36" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	76.00
32 93 33 00-0107	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	5.37
32 93 33 00-0108	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	13.29
32 93 33 00-0109	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	62.22
32 93 33 00-0110	EA	2' To 3' Cornus mas - Cornelian Cherry.....	72.88
32 93 33 00-0111	EA	3' To 4' Cornus mas - Cornelian Cherry.....	91.10
32 93 33 00-0112	EA	4' To 5' Cornus mas - Cornelian Cherry.....	116.71
32 93 33 00-0113	EA	5' To 6' Cornus mas - Cornelian Cherry.....	160.36
32 93 33 00-0114	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood.....	48.00
32 93 33 00-0115	EA	36" B&B Cornus alba & cvs - Tartarian Dogwood.....	33.60
32 93 33 00-0116	EA	48" B&B Cornus alba & cvs - Tartarian Dogwood.....	38.40
32 93 33 00-0117	EA	60" B&B Cornus alba & cvs - Tartarian Dogwood.....	48.00
32 93 33 00-0118	EA	72" B&B Cornus alba & cvs - Tartarian Dogwood.....	57.60
32 93 33 00-0119	EA	36" B&B Cornus amomum - Silky Dogwood	48.00
32 93 33 00-0120	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood.....	52.80
32 93 33 00-0121	EA	5 Gallon Cornus racemosa - Gray Dogwood	52.80
32 93 33 00-0122	EA	36" B&B Cornus racemosa - Gray Dogwood	48.00
32 93 33 00-0123	EA	48" B&B Cornus racemosa - Gray Dogwood	56.00
32 93 33 00-0124	EA	60" B&B Cornus racemosa - Gray Dogwood	60.80
32 93 33 00-0125	EA	72" B&B Cornus racemosa - Gray Dogwood	73.60
32 93 33 00-0126	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	52.00
32 93 33 00-0127	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	58.40
32 93 33 00-0128	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	66.40
32 93 33 00-0129	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood.....	41.60
32 93 33 00-0130	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood.....	48.00
32 93 33 00-0131	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood.....	51.20
32 93 33 00-0132	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood.....	56.00
32 93 33 00-0133	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood.....	62.40
32 93 33 00-0134	EA	5 Gallon Corylus americana - American Filbert	49.60
32 93 33 00-0135	EA	30" B&B Corylus americana - American Filbert	56.00

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32 90 Planting

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32 93 33 00-0221	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush.....	100.38
32 93 33 00-0222	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush.....	118.60
32 93 33 00-0223	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush.....	142.14
32 93 33 00-0224	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush.....	200.58
32 93 33 00-0225	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush.....	237.02
32 93 33 00-0226	EA	36" B&B Euonymus atropurpurea - Eastern Wahoo.....	43.20
32 93 33 00-0227	EA	1 Gallon Euonymus fortunei - Wintercreeper.....	16.50
32 93 33 00-0228	EA	2 Gallon Euonymus fortunei - Wintercreeper.....	32.49
32 93 33 00-0229	EA	3 Gallon Euonymus fortunei - Wintercreeper.....	39.71
32 93 33 00-0230	EA	5 Gallon Euonymus fortunei - Wintercreeper.....	47.10
32 93 33 00-0231	EA	1 Gallon Euonymus japonicus - Evergreen Spindle.....	5.37
32 93 33 00-0232	EA	5 Gallon Euonymus japonicus - Evergreen Spindle.....	13.29
32 93 33 00-0233	EA	15 Gallon Euonymus japonicus - Evergreen Spindle.....	52.74
32 93 33 00-0234	EA	2' To 3' Forsythia - Korean Forsythia.....	36.44
32 93 33 00-0235	EA	3' To 4' Forsythia - Korean Forsythia.....	46.06
32 93 33 00-0236	EA	4' To 5' Forsythia - Korean Forsythia.....	57.41
32 93 33 00-0237	EA	30" B&B Forsythia cvs - Forsythia cultivars.....	36.80
32 93 33 00-0238	EA	36" B&B Forsythia cvs - Forsythia cultivars.....	40.80
32 93 33 00-0239	EA	48" B&B Forsythia cvs - Forsythia cultivars.....	44.00
32 93 33 00-0240	EA	18" B&B Forsythia viridissima & cvs - Green Forsythia.....	38.40
32 93 33 00-0241	EA	24" B&B Forsythia viridissima & cvs - Green Forsythia.....	51.20
32 93 33 00-0242	EA	24" B&B Forsythia x intermedia & cvs - Border Forsythia.....	38.40
32 93 33 00-0243	EA	30" B&B Forsythia x intermedia & cvs - Border Forsythia.....	44.80
32 93 33 00-0244	EA	36" B&B Forsythia x intermedia & cvs - Border Forsythia.....	52.80
32 93 33 00-0245	EA	42" B&B Forsythia x intermedia & cvs - Border Forsythia.....	60.80
32 93 33 00-0246	EA	48" B&B Forsythia x intermedia & cvs - Border Forsythia.....	70.40
32 93 33 00-0247	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	54.40
32 93 33 00-0248	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	76.00
32 93 33 00-0249	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	80.00
32 93 33 00-0250	EA	15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	83.20
32 93 33 00-0251	EA	18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	89.60
32 93 33 00-0252	EA	24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	108.80
32 93 33 00-0253	EA	24" B&B Fothergilla major - Large Fothergilla.....	140.80
32 93 33 00-0254	EA	30" B&B Fothergilla major - Large Fothergilla.....	160.00
32 93 33 00-0255	EA	1 Gallon Gardenia jasminoides - Cape Jasmine.....	11.86
32 93 33 00-0256	EA	3 Gallon Gardenia jasminoides - Cape Jasmine.....	31.11
32 93 33 00-0257	EA	5 Gallon Gardenia jasminoides - Cape Jasmine.....	39.71
32 93 33 00-0258	EA	1 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	5.37
32 93 33 00-0259	EA	5 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	13.29
32 93 33 00-0260	EA	15 Gallon Grevillea 'Noellii' - Noel's Grevillea.....	52.74
32 93 33 00-0261	EA	36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	112.00
32 93 33 00-0262	EA	48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	182.40
32 93 33 00-0263	EA	60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	230.39
32 93 33 00-0264	EA	72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	351.99
32 93 33 00-0265	EA	84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	399.99
32 93 33 00-0266	EA	1 Gallon Hedychium gartdnerum - Variegated Ginger.....	6.81
32 93 33 00-0267	EA	3 Gallon Hedychium gartdnerum - Variegated Ginger.....	23.92
32 93 33 00-0268	EA	5 Gallon Hedychium gartdnerum - Variegated Ginger.....	46.00
32 93 33 00-0269	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus.....	17.44
32 93 33 00-0270	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus.....	29.44
32 93 33 00-0271	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus.....	44.53
32 93 33 00-0272	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon.....	46.06
32 93 33 00-0273	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon.....	39.19
32 93 33 00-0274	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon.....	52.94
32 93 33 00-0275	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon.....	76.49
32 93 33 00-0276	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon.....	105.71
32 93 33 00-0277	EA	2 Gallon Hydrangea - Blue Hydrangea.....	32.49
32 93 33 00-0278	EA	5 Gallon Hydrangea - Blue Hydrangea.....	45.72
32 93 33 00-0279	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	51.05
32 93 33 00-0280	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	58.27
32 93 33 00-0281	EA	2 Gallon Hydrangea quercifolia - Oakleaf Hydrangea.....	32.49
32 93 33 00-0282	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea.....	56.00
32 93 33 00-0283	EA	30" B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....	60.80
32 93 33 00-0284	EA	36" B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....	70.40
32 93 33 00-0285	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	73.60
32 93 33 00-0286	EA	18" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	57.60
32 93 33 00-0287	EA	24" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	76.80
32 93 33 00-0288	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	33.60
32 93 33 00-0289	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	40.00
32 93 33 00-0290	EA	18" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	34.40
32 93 33 00-0291	EA	24" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	36.80
32 93 33 00-0292	EA	30" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	41.60
32 93 33 00-0293	EA	36" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	48.00
32 93 33 00-0294	EA	48" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	64.00
32 93 33 00-0295	EA	18" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	46.40
32 93 33 00-0296	EA	24" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	52.80
32 93 33 00-0297	EA	30" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	62.40
32 93 33 00-0298	EA	2 Gallon Hypericum kalmianum - St. John's Wort.....	32.49
32 93 33 00-0299	EA	3 Gallon Hypericum kalmianum - Kalm St. John's Wort.....	38.40
32 93 33 00-0300	EA	24" B&B Hypericum kalmianum - Kalm St. John's Wort.....	41.60
32 93 33 00-0301	EA	1 Gallon Ilex "Carissa" - Holly.....	16.50
32 93 33 00-0302	EA	2 Gallon Ilex "Carissa" - Holly.....	32.49
32 93 33 00-0303	EA	5 Gallon Ilex "Carissa" - Holly.....	45.72
32 93 33 00-0304	EA	18" To 24" Ilex - Gulfside Sweet Holly.....	43.83
32 93 33 00-0305	EA	2' To 2-1/2' Ilex - Gulfside Sweet Holly.....	55.52

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32 93 33 00-0306	EA	2-1/2' To 3' Ilex - Gulfside Sweet Holly	72.02	
32 93 33 00-0307	EA	3' To 3-1/2' Ilex - Gulfside Sweet Holly	87.49	
32 93 33 00-0308	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	32.74	
32 93 33 00-0309	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	16.50	
32 93 33 00-0310	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	32.49	
32 93 33 00-0311	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	47.10	
32 93 33 00-0312	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	16.50	
32 93 33 00-0313	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	36.10	
32 93 33 00-0314	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	47.10	
32 93 33 00-0315	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	36.09	
32 93 33 00-0316	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	43.49	
32 93 33 00-0317	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	87.49	
32 93 33 00-0318	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	116.71	
32 93 33 00-0319	EA	2' To 3' Ilex opaca - American Holly	116.71	
32 93 33 00-0320	EA	3' To 4' Ilex opaca - American Holly	193.19	
32 93 33 00-0321	EA	4' To 5' Ilex opaca - American Holly	247.85	
32 93 33 00-0322	EA	5' To 6' Ilex opaca - American Holly	298.90	
32 93 33 00-0323	EA	6' To 7' Ilex opaca - American Holly	419.21	
32 93 33 00-0324	EA	7' To 8' Ilex opaca - American Holly	583.36	
32 93 33 00-0325	EA	8' To 10' Ilex opaca - American Holly	838.43	
32 93 33 00-0326	EA	10' To 12' Ilex opaca - American Holly	1,276.03	
32 93 33 00-0327	EA	12' To 14' Ilex opaca - American Holly	1,549.32	
32 93 33 00-0328	EA	14' To 16' Ilex opaca - American Holly	1,913.88	
32 93 33 00-0329	EA	2' To 3' Ilex verticillata - Winterberry (Female)	116.71	
32 93 33 00-0330	EA	3' To 4' Ilex verticillata - Winterberry (Female)	153.14	
32 93 33 00-0331	EA	2' To 3' Ilex verticillata - Winterberry (Male)	94.71	
32 93 33 00-0332	EA	3' To 4' Ilex verticillata - Winterberry (Male)	131.32	
32 93 33 00-0333	EA	4' To 5' Ilex verticillata - Winterberry (Male)	153.14	
32 93 33 00-0334	EA	1 Gallon Ilex vomitoria - Yaupon Holly	15.47	
32 93 33 00-0335	EA	3 Gallon Ilex vomitoria - Yaupon Holly	31.11	
32 93 33 00-0336	EA	10 Gallon Ilex vomitoria - Yaupon Holly	109.32	
32 93 33 00-0337	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	49.60	
32 93 33 00-0338	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	56.00	
32 93 33 00-0339	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	64.00	
32 93 33 00-0340	EA	18" B&B Ilex meserveae & cvs - Blue Holly	59.20	
32 93 33 00-0341	EA	24" B&B Ilex meserveae & cvs - Blue Holly	72.00	
32 93 33 00-0342	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	52.80	
32 93 33 00-0343	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	52.80	
32 93 33 00-0344	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	56.00	
32 93 33 00-0345	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	67.20	
32 93 33 00-0346	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	75.20	
32 93 33 00-0347	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	80.00	
32 93 33 00-0348	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	102.40	
32 93 33 00-0349	EA	4' To 5' Ilex x attenuata "Foster" - Holly	189.58	
32 93 33 00-0350	EA	5' To 6' Ilex x attenuata "Foster" - Holly	251.46	
32 93 33 00-0351	EA	6' To 7' Ilex x attenuata "Foster" - Holly	224.99	
32 93 33 00-0352	EA	7' To 8' Ilex x attenuata "Foster" - Holly	437.43	
32 93 33 00-0353	EA	1 Gallon Jasminum - Jasmine	4.23	
32 93 33 00-0354	EA	3 Gallon Jasminum - Jasmine	16.56	
32 93 33 00-0355	EA	3 Gallon Jasminum - Orange Jasmine	12.88	
32 93 33 00-0356	EA	4' - 5' Jasminum - Orange Jasmine	147.20	
32 93 33 00-0357	EA	6' - 7' Jasminum - Orange Jasmine	294.39	
32 93 33 00-0358	EA	8' - 10' Jasminum - Orange Jasmine	397.43	
32 93 33 00-0359	EA	3 Gallon Juniperus chinensis cvs - Chinese Juniper	56.00	
32 93 33 00-0360	EA	5 Gallon Juniperus chinensis cvs - Chinese Juniper	62.40	
32 93 33 00-0361	EA	18" B&B Juniperus chinensis cvs - Chinese Juniper	83.20	
32 93 33 00-0362	EA	24" B&B Juniperus chinensis cvs - Chinese Juniper	108.80	
32 93 33 00-0363	EA	30" B&B Juniperus chinensis cvs - Chinese Juniper	128.00	
32 93 33 00-0364	EA	36" B&B Juniperus chinensis cvs - Chinese Juniper	172.80	
32 93 33 00-0365	EA	48" B&B Juniperus chinensis cvs - Chinese Juniper	236.79	
32 93 33 00-0366	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	26.68	
32 93 33 00-0367	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	56.00	
32 93 33 00-0368	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	62.40	
32 93 33 00-0369	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	67.20	
32 93 33 00-0370	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	73.60	
32 93 33 00-0371	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	89.60	
32 93 33 00-0372	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	108.80	
32 93 33 00-0373	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	43.20	
32 93 33 00-0374	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper	51.20	
32 93 33 00-0375	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper	70.40	
32 93 33 00-0376	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper	89.60	
32 93 33 00-0377	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper	108.80	
32 93 33 00-0378	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	40.00	
32 93 33 00-0379	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	48.00	
32 93 33 00-0380	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	41.60	
32 93 33 00-0381	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	80.00	
32 93 33 00-0382	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	124.80	
32 93 33 00-0383	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	156.80	
32 93 33 00-0384	EA	15" To 18" Kalmia latifolia - Mountain Laurel	65.66	
32 93 33 00-0385	EA	18" To 24" Kalmia latifolia - Mountain Laurel	87.49	
32 93 33 00-0386	EA	2' To 3' Kalmia latifolia - Mountain Laurel	127.53	
32 93 33 00-0387	EA	4' To 5' Kalmia latifolia - Mountain Laurel	233.24	
32 93 33 00-0388	EA	5' To 6' Kalmia latifolia - Mountain Laurel	357.34	
32 93 33 00-0389	EA	6' To 8' Kalmia latifolia - Mountain Laurel	546.92	
32 93 33 00-0390	EA	1 Gallon Kerria japonica - Kerria	14.61	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 33 00-0391	EA	5	Gallon Kerria japonica - Kerria.....	45.72
32 93 33 00-0392	EA	24"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	46.40
32 93 33 00-0393	EA	30"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	52.80
32 93 33 00-0394	EA	36"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	57.60
32 93 33 00-0395	EA	42"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	67.20
32 93 33 00-0396	EA	48"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	76.80
32 93 33 00-0397	EA	60"	B&B Kolkwitzia amabilis & cvs - Beautybush.....	96.00
32 93 33 00-0398	EA	1	Gallon Lagerstroemia indica - Crape Myrtle.....	11.00
32 93 33 00-0399	EA	5	Gallon Lagerstroemia indica - Crape Myrtle.....	39.19
32 93 33 00-0400	EA	3'	To 4' Lagerstroemia indica - Crape Myrtle.....	54.66
32 93 33 00-0401	EA	4'	To 5' Lagerstroemia indica - Crape Myrtle.....	80.27
32 93 33 00-0402	EA	5'	To 6' Lagerstroemia indica - Crape Myrtle.....	127.53
32 93 33 00-0403	EA	7'	To 8' Lagerstroemia indica - Crape Myrtle.....	165.60
32 93 33 00-0404	EA	9'	To 10' Lagerstroemia indica - Crape Myrtle.....	220.79
32 93 33 00-0405	EA	11'	To 12' Lagerstroemia indica - Crape Myrtle.....	459.99
32 93 33 00-0406	EA	1	Gallon Leucothoe axillaris - Coast Leucothoe.....	16.50
32 93 33 00-0407	EA	2	Gallon Leucothoe axillaris - Coast Leucothoe.....	36.10
32 93 33 00-0408	EA	3	Gallon Leucothoe axillaris - Coast Leucothoe.....	43.49
32 93 33 00-0409	EA	1	Gallon Ligustrum lucidum - Glossy Privet.....	10.14
32 93 33 00-0410	EA	5	Gallon Ligustrum lucidum - Glossy Privet.....	31.11
32 93 33 00-0411	EA	15	Gallon Ligustrum lucidum - Glossy Privet.....	145.75
32 93 33 00-0412	EA	1	Gallon Ligustrum sinense - Variegated Chinese Privet.....	10.14
32 93 33 00-0413	EA	2	Gallon Ligustrum sinense - Variegated Chinese Privet.....	21.83
32 93 33 00-0414	EA	3	Gallon Ligustrum sinense - Variegated Chinese Privet.....	28.36
32 93 33 00-0415	EA	36"	B&B Ligustrum vulgare & cvs - Common Privet.....	48.00
32 93 33 00-0416	EA	48"	B&B Ligustrum vulgare & cvs - Common Privet.....	70.40
32 93 33 00-0417	EA	60"	B&B Ligustrum vulgare & cvs - Common Privet.....	89.60
32 93 33 00-0418	EA	72"	B&B Ligustrum vulgare & cvs - Common Privet.....	102.40
32 93 33 00-0419	EA	5	Gallon Lindera benzoin - Spicebush.....	52.80
32 93 33 00-0420	EA	36"	B&B Lindera benzoin - Spicebush.....	44.80
32 93 33 00-0421	EA	48"	B&B Lindera benzoin - Spicebush.....	54.40
32 93 33 00-0422	EA	2'	To 3' Lonicera fragrantissima - Winter Honeysuckle.....	87.49
32 93 33 00-0423	EA	3'	To 4' Lonicera fragrantissima - Winter Honeysuckle.....	105.71
32 93 33 00-0424	EA	30"	B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	48.00
32 93 33 00-0425	EA	36"	B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	57.60
32 93 33 00-0426	EA	42"	B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	64.00
32 93 33 00-0427	EA	48"	B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	70.40
32 93 33 00-0428	EA	1	Gallon Myrica cerifera - Wax Myrtle.....	9.20
32 93 33 00-0429	EA	4	Gallon Myrica cerifera - Wax Myrtle.....	29.44
32 93 33 00-0430	EA	7	Gallon Myrica cerifera - Wax Myrtle.....	64.40
32 93 33 00-0431	EA	10	Gallon Myrica cerifera - Wax Myrtle.....	95.68
32 93 33 00-0432	EA	15	Gallon Myrica cerifera - Wax Myrtle.....	147.20
32 93 33 00-0433	EA	45	Gallon Myrica cerifera - Wax Myrtle.....	441.59
32 93 33 00-0434	EA	1'	- 2' Myrica cerifera - Wax Myrtle.....	12.88
32 93 33 00-0435	EA	3'	- 4' Myrica cerifera - Wax Myrtle.....	44.16
32 93 33 00-0436	EA	5'	- 6' Myrica cerifera - Wax Myrtle.....	80.96
32 93 33 00-0437	EA	7'	- 8' Myrica cerifera - Wax Myrtle.....	110.40
32 93 33 00-0438	EA	9'	- 10' Myrica cerifera - Wax Myrtle.....	147.20
32 93 33 00-0439	EA	11'	- 12' Myrica cerifera - Wax Myrtle.....	224.47
32 93 33 00-0440	EA	3	Gallon Myrica pensylvanica - Northern Bayberry.....	48.00
32 93 33 00-0441	EA	24"	B&B Myrica pensylvanica - Northern Bayberry.....	78.40
32 93 33 00-0442	EA	30"	B&B Myrica pensylvanica - Northern Bayberry.....	115.20
32 93 33 00-0443	EA	36"	B&B Myrica pensylvanica - Northern Bayberry.....	137.60
32 93 33 00-0444	EA	48"	B&B Myrica pensylvanica - Northern Bayberry.....	144.00
32 93 33 00-0445	EA	1	Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	5.37
32 93 33 00-0446	EA	5	Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	13.29
32 93 33 00-0447	EA	15	Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	52.74
32 93 33 00-0448	EA	1	Gallon Nandina domestica - Heavenly Bamboo.....	16.50
32 93 33 00-0449	EA	2	Gallon Nandina domestica - Heavenly Bamboo.....	36.10
32 93 33 00-0450	EA	5	Gallon Nandina domestica - Heavenly Bamboo.....	54.66
32 93 33 00-0451	EA	15	Gallon Nerium oleander - Oleander.....	57.71
32 93 33 00-0452	EA	24"	Box Nerium oleander - Oleander.....	207.39
32 93 33 00-0453	EA	1	Gallon Osmanthus fragrans - Fragrant Tea Olive.....	10.14
32 93 33 00-0454	EA	3	Gallon Osmanthus fragrans - Fragrant Tea Olive.....	27.50
32 93 33 00-0455	EA	1	Gallon Philadelphus - Evergreen Mockorange.....	14.09
32 93 33 00-0456	EA	5	Gallon Philadelphus - Evergreen Mockorange.....	45.72
32 93 33 00-0457	EA	36"	B&B Philadelphus x virginialis & cvs - Mockorange.....	48.00
32 93 33 00-0458	EA	42"	B&B Philadelphus x virginialis & cvs - Mockorange.....	56.00
32 93 33 00-0459	EA	48"	B&B Philadelphus x virginialis & cvs - Mockorange.....	64.00
32 93 33 00-0460	EA	1	Gallon Photinia fraseri - Red-Tipped Photinia.....	5.37
32 93 33 00-0461	EA	5	Gallon Photinia fraseri - Red-Tipped Photinia.....	13.29
32 93 33 00-0462	EA	15	Gallon Photinia fraseri - Red-Tipped Photinia.....	52.74
32 93 33 00-0463	EA	1	Gallon Phormium tenax - New Zealand Flax.....	5.66
32 93 33 00-0464	EA	5	Gallon Phormium tenax - New Zealand Flax.....	13.58
32 93 33 00-0465	EA	15	Gallon Phormium tenax - New Zealand Flax.....	57.71
32 93 33 00-0466	EA	24"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	48.00
32 93 33 00-0467	EA	30"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	56.00
32 93 33 00-0468	EA	36"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	64.00
32 93 33 00-0469	EA	42"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	80.00
32 93 33 00-0470	EA	48"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	96.00
32 93 33 00-0471	EA	12'	To 15" Spread Pieris - Mountain Andromeda.....	44.17
32 93 33 00-0472	EA	15'	To 18" Spread Pieris - Mountain Andromeda.....	94.71
32 93 33 00-0473	EA	12'	To 15" Pieris japonica - Japanese Andromeda.....	57.41
32 93 33 00-0474	EA	15'	To 18" Pieris japonica - Japanese Andromeda.....	65.66
32 93 33 00-0475	EA	18'	To 24" Pieris japonica - Japanese Andromeda.....	82.16

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 33 00-0476	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda.....	116.71	
32 93 33 00-0477	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda.....	138.54	
32 93 33 00-0478	EA	24" B&B Pinus mugo & cvs - Mugo Pine.....	40.73	
32 93 33 00-0479	EA	30" B&B Pinus mugo & cvs - Mugo Pine.....	52.13	
32 93 33 00-0480	EA	36" B&B Pinus mugo & cvs - Mugo Pine.....	62.72	
32 93 33 00-0481	EA	48" B&B Pinus mugo & cvs - Mugo Pine.....	80.64	
32 93 33 00-0482	EA	60" B&B Pinus mugo & cvs - Mugo Pine.....	96.93	
32 93 33 00-0483	EA	72" B&B Pinus mugo & cvs - Mugo Pine.....	141.73	
32 93 33 00-0484	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine.....	87.97	
32 93 33 00-0485	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine.....	105.89	
32 93 33 00-0486	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine.....	140.91	
32 93 33 00-0487	EA	1 Gallon Pittosporum - Pittosporum.....	6.07	
32 93 33 00-0488	EA	3 Gallon Pittosporum - Pittosporum.....	15.64	
32 93 33 00-0489	EA	1 Gallon Pittosporum - Varigated Pittosporum.....	6.07	
32 93 33 00-0490	EA	3 Gallon Pittosporum - Varigated Pittosporum.....	15.64	
32 93 33 00-0491	EA	5 Gallon Pittosporum - Varigated Pittosporum.....	27.42	
32 93 33 00-0492	EA	1 Gallon Pittosporum eugenioides - Lemonwood.....	6.17	
32 93 33 00-0493	EA	5 Gallon Pittosporum eugenioides - Lemonwood.....	14.62	
32 93 33 00-0494	EA	1 Gallon Pittosporum tobira - Japanese Pittosporum.....	5.37	
32 93 33 00-0495	EA	5 Gallon Pittosporum tobira - Japanese Pittosporum.....	13.29	
32 93 33 00-0496	EA	15 Gallon Pittosporum tobira - Japanese Pittosporum.....	52.74	
32 93 33 00-0497	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil.....	27.20	
32 93 33 00-0498	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil.....	38.40	
32 93 33 00-0499	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	28.80	
32 93 33 00-0500	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	32.00	
32 93 33 00-0501	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	46.40	
32 93 33 00-0502	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	53.60	
32 93 33 00-0503	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	5.60	
32 93 33 00-0504	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	14.00	
32 93 33 00-0505	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	83.48	
32 93 33 00-0506	EA	15" To 18" Prunus laurocerasus - Cherry Laurel.....	21.35	
32 93 33 00-0507	EA	18" To 24" Prunus laurocerasus - Cherry Laurel.....	26.43	
32 93 33 00-0508	EA	24" To 30" Prunus laurocerasus - Cherry Laurel.....	34.39	
32 93 33 00-0509	EA	15" To 18" Prunus triloba - Double White Flowering Almond.....	19.08	
32 93 33 00-0510	EA	18" To 24" Prunus triloba - Double White Flowering Almond.....	24.41	
32 93 33 00-0511	EA	3' To 4' Prunus triloba - Double White Flowering Almond.....	38.94	
32 93 33 00-0512	EA	4' To 6' Prunus triloba - Double White Flowering Almond.....	77.96	
32 93 33 00-0513	EA	5 Gallon Prunus triloba - Pink Flowering Almond.....	23.45	
32 93 33 00-0514	EA	18" To 24" Prunus triloba - Pink Flowering Almond.....	26.34	
32 93 33 00-0515	EA	2' To 3' Prunus triloba - Pink Flowering Almond.....	30.63	
32 93 33 00-0516	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry.....	20.83	
32 93 33 00-0517	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry.....	25.55	
32 93 33 00-0518	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry.....	30.63	
32 93 33 00-0519	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry.....	35.09	
32 93 33 00-0520	EA	1 Gallon Punica granatum - Dwarf Pomegranate.....	10.83	
32 93 33 00-0521	EA	3 Gallon Punica granatum - Dwarf Pomegranate.....	31.97	
32 93 33 00-0522	EA	7 Gallon Punica granatum - Dwarf Pomegranate.....	65.66	
32 93 33 00-0523	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	13.75	
32 93 33 00-0524	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	45.72	
32 93 33 00-0525	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	94.71	
32 93 33 00-0526	EA	1 Gallon Ralphialepis indica - Indian Hawthorne.....	11.00	
32 93 33 00-0527	EA	2 Gallon Ralphialepis indica - Indian Hawthorne.....	20.97	
32 93 33 00-0528	EA	5 Gallon Ralphialepis indica - Indian Hawthorne.....	37.30	
32 93 33 00-0529	EA	1 Gallon Rhamnus californica - Coffeeberry.....	16.72	
32 93 33 00-0530	EA	5 Gallon Rhamnus californica - Coffeeberry.....	47.81	
32 93 33 00-0531	EA	15 Gallon Rhamnus californica - Coffeeberry.....	143.49	
32 93 33 00-0532	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge.....	83.88	
32 93 33 00-0533	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge.....	114.99	
32 93 33 00-0534	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge.....	149.53	
32 93 33 00-0535	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge.....	273.46	
32 93 33 00-0536	EA	1 Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn.....	5.72	
32 93 33 00-0537	EA	5 Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn.....	13.58	
32 93 33 00-0538	EA	15 Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn.....	57.71	
32 93 33 00-0539	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids.....	17.88	
32 93 33 00-0540	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids.....	36.09	
32 93 33 00-0541	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids.....	47.10	
32 93 33 00-0542	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids.....	54.66	
32 93 33 00-0543	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids.....	63.94	
32 93 33 00-0544	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids.....	80.27	
32 93 33 00-0545	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids.....	116.71	
32 93 33 00-0546	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids.....	163.97	
32 93 33 00-0547	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	20.11	
32 93 33 00-0548	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	36.09	
32 93 33 00-0549	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	62.05	
32 93 33 00-0550	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	80.27	
32 93 33 00-0551	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	116.71	
32 93 33 00-0552	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	171.36	
32 93 33 00-0553	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	229.63	
32 93 33 00-0554	EA	5 Gallon Rhododendron - Boxleaf Azara.....	45.72	
32 93 33 00-0555	EA	15 Gallon Rhododendron - Boxleaf Azara.....	163.97	
32 93 33 00-0556	EA	15" To 18" Rhododendron - Carolina Rhododendron.....	51.74	
32 93 33 00-0557	EA	18" To 24" Rhododendron - Carolina Rhododendron.....	91.10	
32 93 33 00-0558	EA	24" To 30" Rhododendron - Carolina Rhododendron.....	134.93	
32 93 33 00-0559	EA	2' To 3' Rhododendron - Five-leafed Azalea.....	61.36	
32 93 33 00-0560	EA	3' To 4' Rhododendron - Five-leafed Azalea.....	80.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0646	EA	24"	B&B Spiraea nipponica & cvs - Nippon Spiraea	41.60	
32 93 33 00-0647	EA	30"	B&B Spiraea nipponica & cvs - Nippon Spiraea	48.00	
32 93 33 00-0648	EA	36"	B&B Spiraea nipponica & cvs - Nippon Spiraea	54.40	
32 93 33 00-0649	EA	48"	B&B Spiraea nipponica & cvs - Nippon Spiraea	70.40	
32 93 33 00-0650	EA	1	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea	16.50	
32 93 33 00-0651	EA	2	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea	29.60	
32 93 33 00-0652	EA	4	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea	38.40	
32 93 33 00-0653	EA	18"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea	33.60	
32 93 33 00-0654	EA	24"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea	40.80	
32 93 33 00-0655	EA	30"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea	48.00	
32 93 33 00-0656	EA	36"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea	54.40	
32 93 33 00-0657	EA	5	Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	38.40	
32 93 33 00-0658	EA	18"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	38.40	
32 93 33 00-0659	EA	24"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	44.80	
32 93 33 00-0660	EA	30"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	60.80	
32 93 33 00-0661	EA	36"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	70.40	
32 93 33 00-0662	EA	42"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	83.20	
32 93 33 00-0663	EA	5	Gallon Staphylea trifolia - Bladdernut	54.01	
32 93 33 00-0664	EA	2	Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	38.40	
32 93 33 00-0665	EA	5	Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	41.60	
32 93 33 00-0666	EA	24"	B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	48.00	
32 93 33 00-0667	EA	30"	B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	57.60	
32 93 33 00-0668	EA	2	Gallon Symphoricarpos albus - Common Snowberry	40.00	
32 93 33 00-0669	EA	5	Gallon Symphoricarpos albus - Common Snowberry	42.40	
32 93 33 00-0670	EA	24"	B&B Syringa meyeri & cvs - Meyer Lilac	70.40	
32 93 33 00-0671	EA	30"	B&B Syringa meyeri & cvs - Meyer Lilac	88.00	
32 93 33 00-0672	EA	36"	B&B Syringa meyeri & cvs - Meyer Lilac	102.40	
32 93 33 00-0673	EA	42"	B&B Syringa meyeri & cvs - Meyer Lilac	118.40	
32 93 33 00-0674	EA	18"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	70.40	
32 93 33 00-0675	EA	24"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	76.80	
32 93 33 00-0676	EA	30"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	88.00	
32 93 33 00-0677	EA	36"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	102.40	
32 93 33 00-0678	EA	42"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	118.40	
32 93 33 00-0679	EA	60"	B&B Syringa villosa & cvs - Late Lilac	56.00	
32 93 33 00-0680	EA	72"	B&B Syringa villosa & cvs - Late Lilac	60.80	
32 93 33 00-0681	EA	36"	B&B Syringa vulgaris & cvs - Common Lilac	48.00	
32 93 33 00-0682	EA	42"	B&B Syringa vulgaris & cvs - Common Lilac	54.40	
32 93 33 00-0683	EA	48"	B&B Syringa vulgaris & cvs - Common Lilac	60.80	
32 93 33 00-0684	EA	60"	B&B Syringa vulgaris & cvs - Common Lilac	70.40	
32 93 33 00-0685	EA	72"	B&B Syringa vulgaris & cvs - Common Lilac	86.40	
32 93 33 00-0686	EA	5	Gallon Syringa x chinensis & cvs - Chinese Lilac	40.00	
32 93 33 00-0687	EA	36"	B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	46.40	
32 93 33 00-0688	EA	48"	B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	60.80	
32 93 33 00-0689	EA	48"	B&B Taxus cuspidata capitata - Capitata Japanese Yew	254.39	
32 93 33 00-0690	EA	54"	B&B Taxus cuspidata capitata - Capitata Japanese Yew	284.79	
32 93 33 00-0691	EA	60"	B&B Taxus cuspidata capitata - Capitata Japanese Yew	313.59	
32 93 33 00-0692	EA	72"	B&B Taxus cuspidata capitata - Capitata Japanese Yew	377.59	
32 93 33 00-0693	EA	18"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	67.20	
32 93 33 00-0694	EA	24"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	88.00	
32 93 33 00-0695	EA	30"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	102.40	
32 93 33 00-0696	EA	36"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	112.00	
32 93 33 00-0697	EA	15"	B&B Taxus x media & cvs - Anglojap Yew	67.20	
32 93 33 00-0698	EA	18"	B&B Taxus x media & cvs - Anglojap Yew	88.00	
32 93 33 00-0699	EA	24"	B&B Taxus x media & cvs - Anglojap Yew	104.00	
32 93 33 00-0700	EA	30"	B&B Taxus x media & cvs - Anglojap Yew	123.20	
32 93 33 00-0701	EA	36"	B&B Taxus x media & cvs - Anglojap Yew	185.60	
32 93 33 00-0702	EA	36"	B&B Thuja occidentalis & cvs - Upright Arborvitae	102.40	
32 93 33 00-0703	EA	48"	B&B Thuja occidentalis & cvs - Upright Arborvitae	137.60	
32 93 33 00-0704	EA	60"	B&B Thuja occidentalis & cvs - Upright Arborvitae	207.99	
32 93 33 00-0705	EA	72"	B&B Thuja occidentalis & cvs - Upright Arborvitae	303.99	
32 93 33 00-0706	EA	84"	B&B Thuja occidentalis & cvs - Upright Arborvitae	348.79	
32 93 33 00-0707	EA	96"	B&B Thuja occidentalis & cvs - Upright Arborvitae	404.79	
32 93 33 00-0708	EA	15"	B&B Thuja occidentalis cvs - Dwarf Arborvitae	44.80	
32 93 33 00-0709	EA	18"	B&B Thuja occidentalis cvs - Dwarf Arborvitae	62.40	
32 93 33 00-0710	EA	24"	B&B Thuja occidentalis cvs - Dwarf Arborvitae	88.00	
32 93 33 00-0711	EA	3'	To 4' Viburnum dilatatum - Linden Viburnum	76.49	
32 93 33 00-0712	EA	4'	To 5' Viburnum dilatatum - Linden Viburnum	116.71	
32 93 33 00-0713	EA	5'	To 6' Viburnum dilatatum - Linden Viburnum	153.15	
32 93 33 00-0714	EA	1	Gallon Viburnum japonicum - Japanese Viburnum	9.28	
32 93 33 00-0715	EA	3	Gallon Viburnum japonicum - Japanese Viburnum	25.44	
32 93 33 00-0716	EA	5	Gallon Viburnum plicatum - Japanese Snowball	45.72	
32 93 33 00-0717	EA	5'	To 6' Viburnum plicatum - Japanese Snowball	171.37	
32 93 33 00-0718	EA	2'	To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	80.27	
32 93 33 00-0719	EA	3'	To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	94.71	
32 93 33 00-0720	EA	4'	To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	133.21	
32 93 33 00-0721	EA	30"	B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	88.00	
32 93 33 00-0722	EA	36"	B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	105.60	
32 93 33 00-0723	EA	24"	B&B Viburnum carlesii & cvs - Korean Spice Viburnum	80.00	
32 93 33 00-0724	EA	30"	B&B Viburnum carlesii & cvs - Korean Spice Viburnum	96.00	
32 93 33 00-0725	EA	36"	B&B Viburnum carlesii & cvs - Korean Spice Viburnum	112.00	
32 93 33 00-0726	EA	42"	B&B Viburnum carlesii & cvs - Korean Spice Viburnum	128.00	
32 93 33 00-0727	EA	1	Gallon Viburnum davidii - David Viburnum	5.37	
32 93 33 00-0728	EA	5	Gallon Viburnum davidii - David Viburnum	13.29	
32 93 33 00-0729	EA	36"	B&B Viburnum dentatum & cvs - Arrowwood Viburnum	44.80	
32 93 33 00-0730	EA	42"	B&B Viburnum dentatum & cvs - Arrowwood Viburnum	48.00	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 33 00-0731	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	56.00	
32 93 33 00-0732	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	64.00	
32 93 33 00-0733	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	70.40	
32 93 33 00-0734	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	43.20	
32 93 33 00-0735	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	48.00	
32 93 33 00-0736	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	60.80	
32 93 33 00-0737	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	70.40	
32 93 33 00-0738	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	96.00	
32 93 33 00-0739	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	115.20	
32 93 33 00-0740	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	48.00	
32 93 33 00-0741	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	64.00	
32 93 33 00-0742	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	80.00	
32 93 33 00-0743	EA	6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	112.00	
32 93 33 00-0744	EA	7' B&B Viburnum lentago & cvs - Nannyberry Viburnum	160.00	
32 93 33 00-0745	EA	8' B&B Viburnum lentago & cvs - Nannyberry Viburnum	223.99	
32 93 33 00-0746	EA	9' B&B Viburnum lentago & cvs - Nannyberry Viburnum	287.99	
32 93 33 00-0747	EA	30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	57.60	
32 93 33 00-0748	EA	36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	64.00	
32 93 33 00-0749	EA	36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	115.20	
32 93 33 00-0750	EA	48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	176.00	
32 93 33 00-0751	EA	60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	223.99	
32 93 33 00-0752	EA	72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	271.99	
32 93 33 00-0753	EA	84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	335.99	
32 93 33 00-0754	EA	96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	399.99	
32 93 33 00-0755	EA	108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	479.99	
32 93 33 00-0756	EA	120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	559.98	
32 93 33 00-0757	EA	30" B&B Viburnum sargentii & cvs - Sargent Viburnum	48.80	
32 93 33 00-0758	EA	36" B&B Viburnum sargentii & cvs - Sargent Viburnum	53.60	
32 93 33 00-0759	EA	48" B&B Viburnum sargentii & cvs - Sargent Viburnum	60.80	
32 93 33 00-0760	EA	60" B&B Viburnum sargentii & cvs - Sargent Viburnum	70.40	
32 93 33 00-0761	EA	72" B&B Viburnum sargentii & cvs - Sargent Viburnum	80.80	
32 93 33 00-0762	EA	18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	46.40	
32 93 33 00-0763	EA	24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	56.00	
32 93 33 00-0764	EA	30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	67.20	
32 93 33 00-0765	EA	36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	76.80	
32 93 33 00-0766	EA	42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	92.80	
32 93 33 00-0767	EA	48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	102.40	
32 93 33 00-0768	EA	30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	80.00	
32 93 33 00-0769	EA	36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	96.00	
32 93 33 00-0770	EA	42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	112.00	
32 93 33 00-0771	EA	48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	128.00	
32 93 33 00-0772	EA	60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	144.00	
32 93 33 00-0773	EA	30" B&B Viburnum x juddii & cvs - Judd Viburnum	102.40	
32 93 33 00-0774	EA	36" B&B Viburnum x juddii & cvs - Judd Viburnum	115.20	
32 93 33 00-0775	EA	42" B&B Viburnum x juddii & cvs - Judd Viburnum	131.20	
32 93 33 00-0776	EA	48" B&B Viburnum x juddii & cvs - Judd Viburnum	150.40	
32 93 33 00-0777	EA	2' To 3' Viburnum opulus "Roseum" - Fragrant Snowball	94.71	
32 93 33 00-0778	EA	3' To 4' Viburnum opulus "Roseum" - Fragrant Snowball	116.71	
32 93 33 00-0779	EA	4' To 5' Viburnum opulus "Roseum" - Fragrant Snowball	171.36	
32 93 33 00-0780	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	52.80	
32 93 33 00-0781	EA	24" B&B Weigela florida & cvs - Old Fashioned Weigela	48.00	
32 93 33 00-0782	EA	30" B&B Weigela florida & cvs - Old Fashioned Weigela	54.40	
32 93 33 00-0783	EA	36" B&B Weigela florida & cvs - Old Fashioned Weigela	60.80	
32 93 33 00-0784	EA	42" B&B Weigela florida & cvs - Old Fashioned Weigela	70.40	
32 93 33 00-0785	EA	48" B&B Weigela florida & cvs - Old Fashioned Weigela	80.00	
32 93 33 00-0786	EA	1 Gallon Xylosma congestum - Shiny Xylosma	11.00	
32 93 33 00-0787	EA	5 Gallon Xylosma congestum - Shiny Xylosma	31.11	
32 93 33 00-0788	EA	15 Gallon Xylosma congestum - Shiny Xylosma	136.82	
32 93 33 00-0789	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	9.28	
32 93 33 00-0790	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	24.58	
32 93 33 00-0791	EA	1 Gallon Yucca filamentosa - Adams Needle	12.89	
32 93 33 00-0792	EA	3 Gallon Yucca filamentosa - Adams Needle	25.09	
32 93 33 00-0793	EA	5 Gallon Yucca filamentosa - Adams Needle	39.71	
32 93 33 00-0794	EA	5 Gallon Border Forsythia - Goldenbells	44.17	
32 93 33 00-0795	EA	2' To 3' Border Forsythia - Goldenbells	36.44	
32 93 33 00-0796	EA	3' To 4' Border Forsythia - Goldenbells	46.06	
32 93 33 00-0797	EA	4' To 5' Border Forsythia - Goldenbells	57.41	
32 93 33 00-0798	EA	5' To 6' Border Forsythia - Goldenbells	68.92	
32 93 33 00-0799	EA	6' To 8' Border Forsythia - Goldenbells	94.71	
32 93 33 00-0800	EA	3' Juniperus chinensis - Columnar Chinese Juniper	93.84	
32 93 33 00-0801	EA	4' Juniperus chinensis - Columnar Chinese Juniper	128.80	
32 93 33 00-0802	EA	5' Juniperus chinensis - Columnar Chinese Juniper	202.39	
32 93 33 00-0803	EA	6' Juniperus chinensis - Columnar Chinese Juniper	235.51	
32 93 33 00-0804	EA	7' Juniperus chinensis - Columnar Chinese Juniper	309.11	
32 93 33 00-0805	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	18.40	
32 93 33 00-0806	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	25.76	
32 93 33 00-0807	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	62.37	
32 93 33 00-0808	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	18.40	
32 93 33 00-0809	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	25.76	

32 93 43 Trees (32 93)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0001

Deciduous Ornamental Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	234.10
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	286.12
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	325.14
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	377.16
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	429.19
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	507.22
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	238.78
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	832.36
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,040.45
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	208.09
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	520.23
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	676.29
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	780.34
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	884.38
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,040.45
32 93 43 00-0017	EA	36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	128.00
32 93 43 00-0018	EA	48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	160.00
32 93 43 00-0019	EA	60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	198.39
32 93 43 00-0020	EA	60" B&B Amelanchier arborea & cvs - Downy Serviceberry	160.00
32 93 43 00-0021	EA	72" B&B Amelanchier arborea & cvs - Downy Serviceberry	191.99
32 93 43 00-0022	EA	7' B&B Amelanchier arborea & cvs - Downy Serviceberry	223.99
32 93 43 00-0023	EA	8' B&B Amelanchier arborea & cvs - Downy Serviceberry	255.99
32 93 43 00-0024	EA	5' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	287.99
32 93 43 00-0025	EA	6' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	319.99
32 93 43 00-0026	EA	7' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	367.99
32 93 43 00-0027	EA	8' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	415.99
32 93 43 00-0028	EA	9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	479.99
32 93 43 00-0029	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	260.11
32 93 43 00-0030	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	364.16
32 93 43 00-0031	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	390.17
32 93 43 00-0032	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	455.20
32 93 43 00-0033	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	325.14
32 93 43 00-0034	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	390.17
32 93 43 00-0035	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	455.20
32 93 43 00-0036	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	520.23
32 93 43 00-0037	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	585.25
32 93 43 00-0038	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	650.28
32 93 43 00-0039	EA	7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	367.99
32 93 43 00-0040	EA	8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	431.99
32 93 43 00-0041	EA	9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	495.99
32 93 43 00-0042	EA	10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	543.99
32 93 43 00-0043	EA	30" B&B Amelanchier stolonifera & cvs - Running Serviceberry	128.00
32 93 43 00-0044	EA	48" B&B Amelanchier stolonifera & cvs - Running Serviceberry	271.99
32 93 43 00-0045	EA	60" B&B Amelanchier stolonifera & cvs - Running Serviceberry	351.99
32 93 43 00-0046	EA	2' To 4' Amelemchier - Juneberry	38.96
32 93 43 00-0047	EA	4' To 5' Amelemchier - Juneberry	40.87
32 93 43 00-0048	EA	5' To 6' Amelemchier - Juneberry	48.66
32 93 43 00-0049	EA	6' To 8' Amelemchier - Juneberry	58.06
32 93 43 00-0050	EA	3' Clump Form Asimina triloba - Paw-Paw	182.08
32 93 43 00-0051	EA	4' Clump Form Asimina triloba - Paw-Paw	208.09
32 93 43 00-0052	EA	5' Clump Form Asimina triloba - Paw-Paw	286.12
32 93 43 00-0053	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	390.17
32 93 43 00-0054	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	455.20
32 93 43 00-0055	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	585.25
32 93 43 00-0056	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	234.10
32 93 43 00-0057	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	286.12
32 93 43 00-0058	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	390.17
32 93 43 00-0059	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	455.20
32 93 43 00-0060	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	546.24
32 93 43 00-0061	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	663.29
32 93 43 00-0062	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	754.33
32 93 43 00-0063	EA	6' Cercis - American Redbud	145.68
32 93 43 00-0064	EA	8' Cercis - American Redbud	200.42
32 93 43 00-0065	EA	2-1/2" Caliper Cercis - American Redbud	412.80
32 93 43 00-0066	EA	3" Caliper Cercis - American Redbud	502.54
32 93 43 00-0067	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	127.15
32 93 43 00-0068	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	158.94
32 93 43 00-0069	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	312.14
32 93 43 00-0070	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	429.19
32 93 43 00-0071	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	546.24
32 93 43 00-0072	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	299.13
32 93 43 00-0073	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	351.15
32 93 43 00-0074	EA	5' To 6' Chaenomeles - Orange Quince	82.16
32 93 43 00-0075	EA	6' To 8' Chaenomeles - Orange Quince	102.70
32 93 43 00-0076	EA	5' Clump Form Chionanthus virginicus - White Fringetree	260.11
32 93 43 00-0077	EA	6' Clump Form Chionanthus virginicus - White Fringetree	325.14
32 93 43 00-0078	EA	7' Clump Form Chionanthus virginicus - White Fringetree	416.18
32 93 43 00-0079	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	93.89
32 93 43 00-0080	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	117.37
32 93 43 00-0081	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	164.32
32 93 43 00-0082	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	211.26
32 93 43 00-0083	EA	4' To 5' Cornus - White Flowering Dogwood	62.60

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0084	EA	5' To 6' Cornus - White Flowering Dogwood	93.89	
32 93 43 00-0085	EA	6' To 7' Cornus - White Flowering Dogwood	131.45	
32 93 43 00-0086	EA	3' To 4' Cornus kousa - Japanese Dogwood	62.60	
32 93 43 00-0087	EA	4' To 5' Cornus kousa - Japanese Dogwood	71.99	
32 93 43 00-0088	EA	5' To 6' Cornus kousa - Japanese Dogwood	93.89	
32 93 43 00-0089	EA	6' To 8' Cornus kousa - Japanese Dogwood	137.71	
32 93 43 00-0090	EA	8' To 10' Cornus kousa - Japanese Dogwood	187.79	
32 93 43 00-0091	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	299.13	
32 93 43 00-0092	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	364.16	
32 93 43 00-0093	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	143.06	
32 93 43 00-0094	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	182.08	
32 93 43 00-0095	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	208.09	
32 93 43 00-0096	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	234.10	
32 93 43 00-0097	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	286.12	
32 93 43 00-0098	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	143.06	
32 93 43 00-0099	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	182.08	
32 93 43 00-0100	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	221.10	
32 93 43 00-0101	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	260.11	
32 93 43 00-0102	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	364.16	
32 93 43 00-0103	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	325.14	
32 93 43 00-0104	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	390.17	
32 93 43 00-0105	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	455.20	
32 93 43 00-0106	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	260.11	
32 93 43 00-0107	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	325.14	
32 93 43 00-0108	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	403.18	
32 93 43 00-0109	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	455.20	
32 93 43 00-0110	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	520.23	
32 93 43 00-0111	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	585.25	
32 93 43 00-0112	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	260.11	
32 93 43 00-0113	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	312.14	
32 93 43 00-0114	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	364.16	
32 93 43 00-0115	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	455.20	
32 93 43 00-0116	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cocksaur Hawthorn	585.25	
32 93 43 00-0117	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	208.09	
32 93 43 00-0118	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	234.10	
32 93 43 00-0119	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	260.11	
32 93 43 00-0120	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	299.13	
32 93 43 00-0121	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	390.17	
32 93 43 00-0122	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	442.19	
32 93 43 00-0123	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	182.08	
32 93 43 00-0124	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	221.10	
32 93 43 00-0125	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	260.11	
32 93 43 00-0126	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	325.14	
32 93 43 00-0127	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	403.18	
32 93 43 00-0128	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	481.21	
32 93 43 00-0129	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	559.24	
32 93 43 00-0130	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	208.09	
32 93 43 00-0131	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	234.10	
32 93 43 00-0132	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	325.14	
32 93 43 00-0133	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	429.19	
32 93 43 00-0134	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	195.08	
32 93 43 00-0135	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	260.11	
32 93 43 00-0136	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	325.14	
32 93 43 00-0137	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	390.17	
32 93 43 00-0138	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	130.06	
32 93 43 00-0139	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	169.07	
32 93 43 00-0140	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	208.09	
32 93 43 00-0141	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	286.12	
32 93 43 00-0142	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	390.17	
32 93 43 00-0143	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	7.48	
32 93 43 00-0144	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	23.93	
32 93 43 00-0145	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	41.13	
32 93 43 00-0146	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	78.52	
32 93 43 00-0147	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	104.70	
32 93 43 00-0148	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	134.61	
32 93 43 00-0149	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	49.29	
32 93 43 00-0150	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	73.94	
32 93 43 00-0151	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	92.43	
32 93 43 00-0152	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	115.12	
32 93 43 00-0153	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	195.08	
32 93 43 00-0154	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	260.11	
32 93 43 00-0155	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	338.15	
32 93 43 00-0156	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	377.16	
32 93 43 00-0157	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	507.22	
32 93 43 00-0158	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	455.20	
32 93 43 00-0159	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	195.08	
32 93 43 00-0160	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	260.11	
32 93 43 00-0161	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	338.15	
32 93 43 00-0162	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	377.16	
32 93 43 00-0163	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	455.20	
32 93 43 00-0164	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	507.22	
32 93 43 00-0165	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	195.08	
32 93 43 00-0166	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	260.11	
32 93 43 00-0167	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	338.15	
32 93 43 00-0168	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	377.16	

32 93 43 00-0169	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	455.20
32 93 43 00-0170	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	507.22
32 93 43 00-0171	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	195.08
32 93 43 00-0172	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	260.11
32 93 43 00-0173	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	338.15
32 93 43 00-0174	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	377.16
32 93 43 00-0175	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	455.20
32 93 43 00-0176	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	507.22
32 93 43 00-0177	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	195.08
32 93 43 00-0178	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	260.11
32 93 43 00-0179	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	338.15
32 93 43 00-0180	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	377.16
32 93 43 00-0181	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	455.20
32 93 43 00-0182	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	507.22
32 93 43 00-0183	EA	5 Gallon Malus - Crabapple	52.82
32 93 43 00-0184	EA	15 Gallon Malus - Crabapple	134.68
32 93 43 00-0185	EA	20 Gallon Malus - Crabapple	158.45
32 93 43 00-0186	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	156.07
32 93 43 00-0187	EA	2" Caliper Malus cvs - Crabapple Varieties	208.09
32 93 43 00-0188	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	260.11
32 93 43 00-0189	EA	3" Caliper Malus cvs - Crabapple Varieties	312.14
32 93 43 00-0190	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	364.16
32 93 43 00-0191	EA	4" Caliper Malus cvs - Crabapple Varieties	416.18
32 93 43 00-0192	EA	6' Clump Form Malus cvs - Crabapple Varieties	234.10
32 93 43 00-0193	EA	7' Clump Form Malus cvs - Crabapple Varieties	260.11
32 93 43 00-0194	EA	8' Clump Form Malus cvs - Crabapple Varieties	325.14
32 93 43 00-0195	EA	10' Clump Form Malus cvs - Crabapple Varieties	364.16
32 93 43 00-0196	EA	12' Clump Form Malus cvs - Crabapple Varieties	468.20
32 93 43 00-0197	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	260.11
32 93 43 00-0198	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	325.14
32 93 43 00-0199	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	195.08
32 93 43 00-0200	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	247.11
32 93 43 00-0201	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	299.13
32 93 43 00-0202	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	338.15
32 93 43 00-0203	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	377.16
32 93 43 00-0204	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	416.18
32 93 43 00-0205	EA	4' To 5' Oxydendrum arboreum - Sourwood	119.32
32 93 43 00-0206	EA	5' To 6' Oxydendrum arboreum - Sourwood	149.16
32 93 43 00-0207	EA	6' To 7' Oxydendrum arboreum - Sourwood	178.99
32 93 43 00-0208	EA	7' To 8' Oxydendrum arboreum - Sourwood	208.82
32 93 43 00-0209	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	5.70
32 93 43 00-0210	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	24.15
32 93 43 00-0211	EA	20 Gallon Prunus subhirtella - Flowering Cherry	182.90
32 93 43 00-0212	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	189.06
32 93 43 00-0213	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	236.30
32 93 43 00-0214	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	493.14
32 93 43 00-0215	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	380.08
32 93 43 00-0216	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	739.71
32 93 43 00-0217	EA	4' To 6' Prunus - Pigeon Plum	74.78
32 93 43 00-0218	EA	8' To 10' Prunus - Pigeon Plum	254.26
32 93 43 00-0219	EA	10' To 12' Prunus - Pigeon Plum	323.06
32 93 43 00-0220	EA	14' To 16' Prunus - Pigeon Plum	508.52
32 93 43 00-0221	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	47.24
32 93 43 00-0222	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	129.40
32 93 43 00-0223	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	168.52
32 93 43 00-0224	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	53.40
32 93 43 00-0225	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	102.70
32 93 43 00-0226	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	189.06
32 93 43 00-0227	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	226.03
32 93 43 00-0228	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	147.98
32 93 43 00-0229	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	123.24
32 93 43 00-0230	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	180.75
32 93 43 00-0231	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	215.76
32 93 43 00-0232	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	277.38
32 93 43 00-0233	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	106.90
32 93 43 00-0234	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	164.41
32 93 43 00-0235	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	201.29
32 93 43 00-0236	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	256.84
32 93 43 00-0237	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	142.80
32 93 43 00-0238	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	178.50
32 93 43 00-0239	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	185.64
32 93 43 00-0240	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	221.33
32 93 43 00-0241	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	299.87
32 93 43 00-0242	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	392.69
32 93 43 00-0243	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	499.79
32 93 43 00-0244	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	142.80
32 93 43 00-0245	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	178.50
32 93 43 00-0246	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	121.38
32 93 43 00-0247	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	185.64
32 93 43 00-0248	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	221.14
32 93 43 00-0249	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	299.87
32 93 43 00-0250	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	392.69
32 93 43 00-0251	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	260.11
32 93 43 00-0252	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	325.14
32 93 43 00-0253	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	403.18

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 93 43 00-0254	EA 3" Caliper Pyrus calleryana & cvs - Callery Pear	455.20	
32 93 43 00-0255	EA 3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	507.22	
32 93 43 00-0256	EA 4" Caliper Pyrus calleryana & cvs - Callery Pear	650.28	
32 93 43 00-0257	EA 1 Gallon Ribes aureum - Golden Currant.....	4.99	
32 93 43 00-0258	EA 5 Gallon Ribes aureum - Golden Currant.....	14.27	
32 93 43 00-0259	EA 1 Gallon Ribes sanguineum - Red Flowering Currant.....	4.99	
32 93 43 00-0260	EA 5 Gallon Ribes sanguineum - Red Flowering Currant.....	14.27	
32 93 43 00-0261	EA 1 Gallon Ribes viburnifolium - Evergreen Currant.....	4.99	
32 93 43 00-0262	EA 5 Gallon Ribes viburnifolium - Evergreen Currant.....	14.27	
32 93 43 00-0263	EA 1-3/4" Caliper Sophora japonica - Japanese Pagoda	347.76	
32 93 43 00-0264	EA 2" Caliper Sophora japonica - Japanese Pagoda	391.23	
32 93 43 00-0265	EA 2-1/2" Caliper Sophora japonica - Japanese Pagoda	456.43	
32 93 43 00-0266	EA 3" Caliper Sophora japonica - Japanese Pagoda	667.57	
32 93 43 00-0267	EA 3-1/2" Caliper Sophora japonica - Japanese Pagoda	1,009.12	
32 93 43 00-0268	EA 1-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	260.11	
32 93 43 00-0269	EA 2" Caliper Sorbus alnifolia - Korean Mountainash.....	325.14	
32 93 43 00-0270	EA 2-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	403.18	
32 93 43 00-0271	EA 3" Caliper Sorbus alnifolia - Korean Mountainash.....	494.21	
32 93 43 00-0272	EA 3-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	598.26	
32 93 43 00-0273	EA 4" Caliper Sorbus alnifolia - Korean Mountainash.....	715.31	
32 93 43 00-0274	EA 1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	338.15	
32 93 43 00-0275	EA 2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	364.16	
32 93 43 00-0276	EA 2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	442.19	
32 93 43 00-0277	EA 4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	208.09	
32 93 43 00-0278	EA 5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	247.11	
32 93 43 00-0279	EA 6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	286.12	
32 93 43 00-0280	EA 7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	325.14	
32 93 43 00-0281	EA 8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	377.16	
32 93 43 00-0282	EA 10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	481.21	
32 93 43 00-0283	EA 12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	546.24	
32 93 43 00-0284	EA 14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	624.27	
32 93 43 00-0285	EA 5 Gallon Celtis Sinensis - Chinese Hackberry	25.42	
32 93 43 00-0286	EA 15 Gallon Celtis Sinensis - Chinese Hackberry	67.01	
32 93 43 00-0287	EA 24" Box Celtis Sinensis - Chinese Hackberry	219.53	
32 93 43 00-0288	EA 36" Box Celtis Sinensis - Chinese Hackberry	641.25	
32 93 43 00-0289	EA 5 Gallon Crataegus phaenopyrum - Washington Hawthorn.....	25.42	
32 93 43 00-0290	EA 15 Gallon Crataegus phaenopyrum - Washington Hawthorn.....	67.01	
32 93 43 00-0291	EA 24" Box Crataegus phaenopyrum - Washington Hawthorn.....	219.53	
32 93 43 00-0292	EA 36" Box Crataegus phaenopyrum - Washington Hawthorn.....	641.25	
32 93 43 00-0293	EA 1 Gallon Eucalyptus ficifolia - Red-Flowering Gum.....	7.51	
32 93 43 00-0294	EA 5 Gallon Eucalyptus ficifolia - Red-Flowering Gum.....	20.80	
32 93 43 00-0295	EA 15 Gallon Eucalyptus ficifolia - Red-Flowering Gum.....	91.28	
32 93 43 00-0296	EA 24" Box Eucalyptus ficifolia - Red-Flowering Gum.....	219.53	
32 93 43 00-0297	EA 36" Box Eucalyptus ficifolia - Red-Flowering Gum.....	577.70	
32 93 43 00-0298	EA 15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash.....	56.61	
32 93 43 00-0299	EA 24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash.....	184.86	
32 93 43 00-0300	EA 36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash.....	491.04	
32 93 43 00-0301	EA 48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash.....	1,097.63	
32 93 43 00-0302	EA 5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	16.18	
32 93 43 00-0303	EA 15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	56.61	
32 93 43 00-0304	EA 24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust.....	184.86	
32 93 43 00-0305	EA 36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	491.04	
32 93 43 00-0306	EA 48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,097.63	
32 93 43 00-0307	EA 5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum.....	16.18	
32 93 43 00-0308	EA 15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum.....	68.17	
32 93 43 00-0309	EA 24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum.....	184.86	
32 93 43 00-0310	EA 36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum.....	519.93	
32 93 43 00-0311	EA 48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum.....	1,328.71	
32 93 43 00-0312	EA 5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	16.18	
32 93 43 00-0313	EA 15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	68.17	
32 93 43 00-0314	EA 24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	184.86	
32 93 43 00-0315	EA 36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	519.93	
32 93 43 00-0316	EA 48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	1,328.71	
32 93 43 00-0317	EA 5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	16.18	
32 93 43 00-0318	EA 15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	68.17	
32 93 43 00-0319	EA 24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	184.86	
32 93 43 00-0320	EA 36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	519.93	
32 93 43 00-0321	EA 48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	1,328.71	
32 93 43 00-0322	EA 1 Gallon Pittosporum undulatum - Victorian Box	6.79	
32 93 43 00-0323	EA 5 Gallon Pittosporum undulatum - Victorian Box	14.63	
32 93 43 00-0324	EA 15 Gallon Pittosporum undulatum - Victorian Box.....	82.53	
32 93 43 00-0325	EA 24" Box Pittosporum undulatum - Victorian Box.....	198.49	
32 93 43 00-0326	EA 36" Box Pittosporum undulatum - Victorian Box	574.58	
32 93 43 00-0327	EA 48" Box Pittosporum undulatum - Victorian Box	1,305.88	
32 93 43 00-0328	EA 15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum.....	57.71	
32 93 43 00-0329	EA 24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum.....	207.91	
32 93 43 00-0330 Deciduous Shade Trees <small>(32 93 43)</small>			
Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.			
32 93 43 00-0331	EA 3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	204.30	
32 93 43 00-0332	EA 4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	250.44	
32 93 43 00-0333	EA 4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	326.22	
32 93 43 00-0334	EA 5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	422.88	
32 93 43 00-0335	EA 2' To 2-1/2' Acer palmatum - Japanese Maple.....	21.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0336 EA 4' To 5' Acer palmatum - Japanese Maple.....	45.25	
32 93 43 00-0337 EA 5' To 6' Acer palmatum - Japanese Maple.....	59.26	
32 93 43 00-0338 EA 6' To 7' Acer palmatum - Japanese Maple.....	107.74	
32 93 43 00-0339 EA 7' To 8' Acer palmatum - Japanese Maple.....	150.84	
32 93 43 00-0340 EA 8' To 10' Acer palmatum - Japanese Maple.....	193.94	
32 93 43 00-0341 EA 10' To 12' Acer palmatum - Japanese Maple.....	258.58	
32 93 43 00-0342 EA 2" Caliper Acer platanoides & cvs - Norway Maple.....	109.84	
32 93 43 00-0343 EA 2" Caliper Acer platanoides & cvs - Norway Maple.....	133.72	
32 93 43 00-0344 EA 3" Caliper Acer platanoides & cvs - Norway Maple.....	171.92	
32 93 43 00-0345 EA 3-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	200.58	
32 93 43 00-0346 EA 4" Caliper Acer platanoides & cvs - Norway Maple.....	214.90	
32 93 43 00-0347 EA 4-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	234.01	
32 93 43 00-0348 EA 5" Caliper Acer platanoides & cvs - Norway Maple.....	262.66	
32 93 43 00-0349 EA 2" Caliper Acer rubrum & cvs - Red Maple.....	105.06	
32 93 43 00-0350 EA 2-1/2" Caliper Acer rubrum & cvs - Red Maple.....	133.72	
32 93 43 00-0351 EA 3" Caliper Acer rubrum & cvs - Red Maple.....	171.92	
32 93 43 00-0352 EA 3-1/2" Caliper Acer rubrum & cvs - Red Maple.....	210.13	
32 93 43 00-0353 EA 4" Caliper Acer rubrum & cvs - Red Maple.....	238.78	
32 93 43 00-0354 EA 4-1/2" Caliper Acer rubrum & cvs - Red Maple.....	276.99	
32 93 43 00-0355 EA 5" Caliper Acer rubrum & cvs - Red Maple.....	310.42	
32 93 43 00-0356 EA 8' Clump Form Acer rubrum & cvs - Red Maple.....	128.94	
32 93 43 00-0357 EA 10' Clump Form Acer rubrum & cvs - Red Maple.....	171.92	
32 93 43 00-0358 EA 12' Clump Form Acer rubrum & cvs - Red Maple.....	200.58	
32 93 43 00-0359 EA 14' Clump Form Acer rubrum & cvs - Red Maple.....	229.23	
32 93 43 00-0360 EA 16' Clump Form Acer rubrum & cvs - Red Maple.....	257.89	
32 93 43 00-0361 EA 18' Clump Form Acer rubrum & cvs - Red Maple.....	286.54	
32 93 43 00-0362 EA 2" Caliper Acer saccharinum & cvs - Silver Maple.....	85.96	
32 93 43 00-0363 EA 2-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	114.62	
32 93 43 00-0364 EA 3" Caliper Acer saccharinum & cvs - Silver Maple.....	143.27	
32 93 43 00-0365 EA 3-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	171.92	
32 93 43 00-0366 EA 4" Caliper Acer saccharinum & cvs - Silver Maple.....	200.58	
32 93 43 00-0367 EA 4-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	229.23	
32 93 43 00-0368 EA 5" Caliper Acer saccharinum & cvs - Silver Maple.....	257.89	
32 93 43 00-0369 EA 2" Caliper Acer saccharum & cvs - Sugar Maple.....	105.06	
32 93 43 00-0370 EA 2-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	138.49	
32 93 43 00-0371 EA 3" Caliper Acer saccharum & cvs - Sugar Maple.....	167.15	
32 93 43 00-0372 EA 3-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	191.03	
32 93 43 00-0373 EA 4" Caliper Acer saccharum & cvs - Sugar Maple.....	224.46	
32 93 43 00-0374 EA 4-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	257.89	
32 93 43 00-0375 EA 5" Caliper Acer saccharum & cvs - Sugar Maple.....	286.54	
32 93 43 00-0376 EA 10' Clump Form Acer saccharum & cvs - Sugar Maple.....	191.03	
32 93 43 00-0377 EA 12' Clump Form Acer saccharum & cvs - Sugar Maple.....	224.46	
32 93 43 00-0378 EA 14' Clump Form Acer saccharum & cvs - Sugar Maple.....	262.66	
32 93 43 00-0379 EA 16' Clump Form Acer saccharum & cvs - Sugar Maple.....	291.31	
32 93 43 00-0380 EA 18' Clump Form Acer saccharum & cvs - Sugar Maple.....	353.40	
32 93 43 00-0381 EA 20' Clump Form Acer saccharum & cvs - Sugar Maple.....	382.05	
32 93 43 00-0382 EA 2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	119.39	
32 93 43 00-0383 EA 2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	148.05	
32 93 43 00-0384 EA 3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	181.47	
32 93 43 00-0385 EA 3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	210.13	
32 93 43 00-0386 EA 4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	229.23	
32 93 43 00-0387 EA 4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	253.11	
32 93 43 00-0388 EA 5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	281.76	
32 93 43 00-0389 EA 10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	171.92	
32 93 43 00-0390 EA 12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	227.32	
32 93 43 00-0391 EA 14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	264.57	
32 93 43 00-0392 EA 16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	291.31	
32 93 43 00-0393 EA 18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	353.40	
32 93 43 00-0394 EA 20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	382.05	
32 93 43 00-0395 EA 2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	167.15	
32 93 43 00-0396 EA 2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	186.25	
32 93 43 00-0397 EA 3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	210.13	
32 93 43 00-0398 EA 3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	238.78	
32 93 43 00-0399 EA 4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	286.54	
32 93 43 00-0400 EA 2" Caliper Aesculus x carnea - Red Horsechestnut.....	167.15	
32 93 43 00-0401 EA 2-1/2" Caliper Aesculus x carnea - Red Horsechestnut.....	186.25	
32 93 43 00-0402 EA 3" Caliper Aesculus x carnea - Red Horsechestnut.....	210.13	
32 93 43 00-0403 EA 3-1/2" Caliper Aesculus x carnea - Red Horsechestnut.....	238.78	
32 93 43 00-0404 EA 4" Caliper Aesculus x carnea - Red Horsechestnut.....	286.54	
32 93 43 00-0405 EA 2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	119.39	
32 93 43 00-0406 EA 2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	138.49	
32 93 43 00-0407 EA 3" Caliper Alnus glutinosa - Common Alder, Black Alder.....	157.60	
32 93 43 00-0408 EA 3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	181.47	
32 93 43 00-0409 EA 8' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	124.17	
32 93 43 00-0410 EA 10' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	152.82	
32 93 43 00-0411 EA 12' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	171.92	
32 93 43 00-0412 EA 14' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	191.03	
32 93 43 00-0413 EA 16' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	214.90	
32 93 43 00-0414 EA 18' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	238.78	
32 93 43 00-0415 EA 2" Caliper Betula nigra - River Birch.....	119.39	
32 93 43 00-0416 EA 2-1/2" Caliper Betula nigra - River Birch.....	135.20	
32 93 43 00-0417 EA 3" Caliper Betula nigra - River Birch.....	152.82	
32 93 43 00-0418 EA 3-1/2" Caliper Betula nigra - River Birch.....	191.03	
32 93 43 00-0419 EA 4" Caliper Betula nigra - River Birch.....	214.90	
32 93 43 00-0420 EA 4-1/2" Caliper Betula nigra - River Birch.....	238.78	

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0421	EA	5' Caliper Betula nigra - River Birch	262.66	
32 93 43 00-0422	EA	8' Clump Form Betula nigra - River Birch	109.84	
32 93 43 00-0423	EA	10' Clump Form Betula nigra - River Birch	124.17	
32 93 43 00-0424	EA	12' Clump Form Betula nigra - River Birch	143.27	
32 93 43 00-0425	EA	14' Clump Form Betula nigra - River Birch	167.15	
32 93 43 00-0426	EA	16' Clump Form Betula nigra - River Birch	191.03	
32 93 43 00-0427	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	143.27	
32 93 43 00-0428	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	171.92	
32 93 43 00-0429	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	200.58	
32 93 43 00-0430	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	238.78	
32 93 43 00-0431	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	248.33	
32 93 43 00-0432	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	60.41	
32 93 43 00-0433	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	71.40	
32 93 43 00-0434	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	98.86	
32 93 43 00-0435	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	128.51	
32 93 43 00-0436	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	142.79	
32 93 43 00-0437	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	169.15	
32 93 43 00-0438	EA	2' Caliper Carpinus betulus & cvs - European Hornbeam	191.03	
32 93 43 00-0439	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	214.90	
32 93 43 00-0440	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	248.33	
32 93 43 00-0441	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	300.87	
32 93 43 00-0442	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	85.96	
32 93 43 00-0443	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	119.39	
32 93 43 00-0444	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	148.05	
32 93 43 00-0445	EA	2' Caliper Catalpa speciosa - Western Catalpa	105.06	
32 93 43 00-0446	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	143.27	
32 93 43 00-0447	EA	3" Caliper Catalpa speciosa - Western Catalpa	186.25	
32 93 43 00-0448	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	224.46	
32 93 43 00-0449	EA	4" Caliper Catalpa speciosa - Western Catalpa	257.89	
32 93 43 00-0450	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	133.72	
32 93 43 00-0451	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	152.82	
32 93 43 00-0452	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	186.25	
32 93 43 00-0453	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	219.68	
32 93 43 00-0454	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	253.11	
32 93 43 00-0455	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	286.54	
32 93 43 00-0456	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	167.15	
32 93 43 00-0457	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	191.03	
32 93 43 00-0458	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	224.46	
32 93 43 00-0459	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	267.44	
32 93 43 00-0460	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	133.72	
32 93 43 00-0461	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	157.60	
32 93 43 00-0462	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	191.03	
32 93 43 00-0463	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	238.78	
32 93 43 00-0464	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	286.54	
32 93 43 00-0465	EA	2" Caliper Cladrastus lutea - American Yellowwood	238.78	
32 93 43 00-0466	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	286.54	
32 93 43 00-0467	EA	3" Caliper Cladrastus lutea - American Yellowwood	334.30	
32 93 43 00-0468	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	382.05	
32 93 43 00-0469	EA	2" Caliper Corylus colurna - Turkish Filbert	148.05	
32 93 43 00-0470	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	167.15	
32 93 43 00-0471	EA	3" Caliper Corylus colurna - Turkish Filbert	191.03	
32 93 43 00-0472	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	219.68	
32 93 43 00-0473	EA	4" Caliper Corylus colurna - Turkish Filbert	262.66	
32 93 43 00-0474	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	305.64	
32 93 43 00-0475	EA	5" Caliper Corylus colurna - Turkish Filbert	348.62	
32 93 43 00-0476	EA	8' Clump Form Corylus colurna - Turkish Filbert	133.72	
32 93 43 00-0477	EA	10' Clump Form Corylus colurna - Turkish Filbert	162.37	
32 93 43 00-0478	EA	12' Clump Form Corylus colurna - Turkish Filbert	191.03	
32 93 43 00-0479	EA	14' Clump Form Corylus colurna - Turkish Filbert	214.90	
32 93 43 00-0480	EA	16' Clump Form Corylus colurna - Turkish Filbert	238.78	
32 93 43 00-0481	EA	1-1/2" Caliper Diospyros - Persimmon	85.96	
32 93 43 00-0482	EA	2" Caliper Diospyros - Persimmon	105.06	
32 93 43 00-0483	EA	2-1/2" Caliper Diospyros - Persimmon	133.72	
32 93 43 00-0484	EA	3" Caliper Diospyros - Persimmon	167.15	
32 93 43 00-0485	EA	3-1/2" Caliper Diospyros - Persimmon	200.58	
32 93 43 00-0486	EA	1-1/2" Caliper Fagus grandifolia - American Beech	191.03	
32 93 43 00-0487	EA	2" Caliper Fagus grandifolia - American Beech	248.33	
32 93 43 00-0488	EA	2-1/2" Caliper Fagus grandifolia - American Beech	315.19	
32 93 43 00-0489	EA	3" Caliper Fagus grandifolia - American Beech	382.05	
32 93 43 00-0490	EA	3-1/2" Caliper Fagus grandifolia - American Beech	453.69	
32 93 43 00-0491	EA	2" Caliper Fagus sylvatica & cvs - European Beech	214.90	
32 93 43 00-0492	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	257.89	
32 93 43 00-0493	EA	3" Caliper Fagus sylvatica & cvs - European Beech	310.42	
32 93 43 00-0494	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	343.85	
32 93 43 00-0495	EA	4" Caliper Fagus sylvatica & cvs - European Beech	405.93	
32 93 43 00-0496	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	525.32	
32 93 43 00-0497	EA	5" Caliper Fagus sylvatica & cvs - European Beech	620.83	
32 93 43 00-0498	EA	2" Caliper Fraxinus americana & cvs - White Ash	119.39	
32 93 43 00-0499	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	143.27	
32 93 43 00-0500	EA	3" Caliper Fraxinus americana & cvs - White Ash	181.47	
32 93 43 00-0501	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	219.68	
32 93 43 00-0502	EA	4" Caliper Fraxinus americana & cvs - White Ash	257.89	
32 93 43 00-0503	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	286.54	
32 93 43 00-0504	EA	5" Caliper Fraxinus americana & cvs - White Ash	334.30	
32 93 43 00-0505	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	105.06	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0506	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	124.17
32 93 43 00-0507	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	167.15
32 93 43 00-0508	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	200.58
32 93 43 00-0509	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	238.78
32 93 43 00-0510	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	257.89
32 93 43 00-0511	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	286.54
32 93 43 00-0512	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....	143.27
32 93 43 00-0513	EA	2" Caliper Fraxinus quadrangulata - Blue Ash.....	176.70
32 93 43 00-0514	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....	214.90
32 93 43 00-0515	EA	3" Caliper Fraxinus quadrangulata - Blue Ash.....	262.66
32 93 43 00-0516	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....	310.42
32 93 43 00-0517	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	167.15
32 93 43 00-0518	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	186.25
32 93 43 00-0519	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	210.13
32 93 43 00-0520	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	234.01
32 93 43 00-0521	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	262.66
32 93 43 00-0522	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	286.54
32 93 43 00-0523	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	429.81
32 93 43 00-0524	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	477.57
32 93 43 00-0525	EA	2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	114.62
32 93 43 00-0526	EA	2-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	143.27
32 93 43 00-0527	EA	3" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	171.92
32 93 43 00-0528	EA	3-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	200.58
32 93 43 00-0529	EA	4" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	229.23
32 93 43 00-0530	EA	4-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	257.89
32 93 43 00-0531	EA	5" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	305.64
32 93 43 00-0532	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	148.05
32 93 43 00-0533	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	181.47
32 93 43 00-0534	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	214.90
32 93 43 00-0535	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	253.11
32 93 43 00-0536	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	286.54
32 93 43 00-0537	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	319.97
32 93 43 00-0538	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	358.17
32 93 43 00-0539	EA	1-1/2" Caliper Juglans cinerea - Butternut.....	114.62
32 93 43 00-0540	EA	2" Caliper Juglans cinerea - Butternut.....	133.72
32 93 43 00-0541	EA	2-1/2" Caliper Juglans cinerea - Butternut.....	167.15
32 93 43 00-0542	EA	3" Caliper Juglans cinerea - Butternut.....	210.13
32 93 43 00-0543	EA	3-1/2" Caliper Juglans cinerea - Butternut.....	257.89
32 93 43 00-0544	EA	1-1/2" Caliper Juglans californica - California Walnut.....	114.62
32 93 43 00-0545	EA	2" Caliper Juglans californica - California Walnut.....	133.72
32 93 43 00-0546	EA	2-1/2" Caliper Juglans californica - California Walnut.....	167.15
32 93 43 00-0547	EA	3" Caliper Juglans californica - California Walnut.....	210.13
32 93 43 00-0548	EA	3-1/2" Caliper Juglans californica - California Walnut.....	257.89
32 93 43 00-0549	EA	4" Caliper Juglans californica - California Walnut.....	310.42
32 93 43 00-0550	EA	4-1/2" Caliper Juglans californica - California Walnut.....	358.17
32 93 43 00-0551	EA	5" Caliper Juglans californica - California Walnut.....	405.93
32 93 43 00-0552	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	12.93
32 93 43 00-0553	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	32.32
32 93 43 00-0554	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	64.65
32 93 43 00-0555	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	84.04
32 93 43 00-0556	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	61.41
32 93 43 00-0557	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	73.43
32 93 43 00-0558	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	104.34
32 93 43 00-0559	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	152.82
32 93 43 00-0560	EA	2" Caliper Liquidambar styraciflua - American Sweetgum.....	191.03
32 93 43 00-0561	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	238.78
32 93 43 00-0562	EA	3" Caliper Liquidambar styraciflua - American Sweetgum.....	286.54
32 93 43 00-0563	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	334.30
32 93 43 00-0564	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	152.82
32 93 43 00-0565	EA	2" Caliper Liriodendron tulipifera - Tulip Tree.....	210.13
32 93 43 00-0566	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	248.33
32 93 43 00-0567	EA	3" Caliper Liriodendron tulipifera - Tulip Tree.....	286.54
32 93 43 00-0568	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	324.74
32 93 43 00-0569	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree.....	114.62
32 93 43 00-0570	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree.....	205.35
32 93 43 00-0571	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree.....	248.33
32 93 43 00-0572	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	152.82
32 93 43 00-0573	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	191.03
32 93 43 00-0574	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	238.78
32 93 43 00-0575	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	286.54
32 93 43 00-0576	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	334.30
32 93 43 00-0577	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	66.86
32 93 43 00-0578	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	76.41
32 93 43 00-0579	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	90.74
32 93 43 00-0580	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	114.62
32 93 43 00-0581	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	143.27
32 93 43 00-0582	EA	2" Caliper Ostrya virginiana - American Hophornbeam.....	124.17
32 93 43 00-0583	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam.....	157.60
32 93 43 00-0584	EA	3" Caliper Ostrya virginiana - American Hophornbeam.....	191.03
32 93 43 00-0585	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam.....	224.46
32 93 43 00-0586	EA	4" Caliper Ostrya virginiana - American Hophornbeam.....	272.21
32 93 43 00-0587	EA	2" Caliper Phellodendron amurense - Amur Corktree.....	95.51
32 93 43 00-0588	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree.....	119.39
32 93 43 00-0589	EA	3" Caliper Phellodendron amurense - Amur Corktree.....	143.27
32 93 43 00-0590	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree.....	167.15

32	Exterior Improvements
32 90	Planting
32 93	Plants

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0591	EA	4"	Caliper Phellodendron amurense - Amur Corktree.....	191.03	
32 93 43 00-0592	EA	4-1/2"	Caliper Phellodendron amurense - Amur Corktree.....	214.90	
32 93 43 00-0593	EA	5"	Caliper Phellodendron amurense - Amur Corktree.....	238.78	
32 93 43 00-0594	EA	30"	Box Platanus Occidentalis - Buttonwood Sycamore.....	207.48	
32 93 43 00-0595	EA	36"	Box Platanus Occidentalis - Buttonwood Sycamore.....	301.79	
32 93 43 00-0596	EA	42"	Box Platanus occidentalis - Buttonwood Sycamore.....	448.93	
32 93 43 00-0597	EA	1-1/2"	To 2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	69.42	
32 93 43 00-0598	EA	2"	To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	83.00	
32 93 43 00-0599	EA	2-1/2"	To 3" Caliper Platanus occidentalis - Buttonwood Sycamore.....	113.17	
32 93 43 00-0600	EA	3"	To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	137.34	
32 93 43 00-0601	EA	8"	To 10' Platanus occidentalis - Green Or Silver Buttonwood.....	57.12	
32 93 43 00-0602	EA	10"	To 12' Platanus occidentalis - Green Or Silver Buttonwood.....	71.40	
32 93 43 00-0603	EA	12"	To 14' Platanus occidentalis - Green Or Silver Buttonwood.....	126.32	
32 93 43 00-0604	EA	16"	To 18' Platanus occidentalis - Green Or Silver Buttonwood.....	181.24	
32 93 43 00-0605	EA	2"	Caliper Platanus x acerifolia & cvs - London Planetree.....	114.62	
32 93 43 00-0606	EA	2-1/2"	Caliper Platanus x acerifolia & cvs - London Planetree.....	138.49	
32 93 43 00-0607	EA	3"	Caliper Platanus x acerifolia & cvs - London Planetree.....	167.15	
32 93 43 00-0608	EA	3-1/2"	Caliper Platanus x acerifolia & cvs - London Planetree.....	200.58	
32 93 43 00-0609	EA	4"	Caliper Platanus x acerifolia & cvs - London Planetree.....	238.78	
32 93 43 00-0610	EA	2"	Caliper Populus alba & cvs - White Poplar.....	114.62	
32 93 43 00-0611	EA	2-1/2"	Caliper Populus alba & cvs - White Poplar.....	133.72	
32 93 43 00-0612	EA	3"	Caliper Populus alba & cvs - White Poplar.....	152.82	
32 93 43 00-0613	EA	3-1/2"	Caliper Populus alba & cvs - White Poplar.....	181.47	
32 93 43 00-0614	EA	4"	Caliper Populus alba & cvs - White Poplar.....	200.58	
32 93 43 00-0615	EA	4-1/2"	Caliper Populus alba & cvs - White Poplar.....	229.23	
32 93 43 00-0616	EA	2"	Caliper Populus deltoides & cvs - Eastern Cottonwood.....	105.06	
32 93 43 00-0617	EA	2-1/2"	Caliper Populus deltoides & cvs - Eastern Cottonwood.....	138.49	
32 93 43 00-0618	EA	3"	Caliper Populus deltoides & cvs - Eastern Cottonwood.....	167.15	
32 93 43 00-0619	EA	3-1/2"	Caliper Populus deltoides & cvs - Eastern Cottonwood.....	200.58	
32 93 43 00-0620	EA	4"	Caliper Populus deltoides & cvs - Eastern Cottonwood.....	238.78	
32 93 43 00-0621	EA	6"	To 8' Quercus acutissima - Sawtooth Oak.....	35.91	
32 93 43 00-0622	EA	8"	To 10' Quercus acutissima - Sawtooth Oak.....	53.87	
32 93 43 00-0623	EA	10"	To 12' Quercus acutissima - Sawtooth Oak.....	62.85	
32 93 43 00-0624	EA	1-1/2"	To 2" Caliper Quercus acutissima - Sawtooth Oak.....	71.83	
32 93 43 00-0625	EA	2"	To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak.....	80.81	
32 93 43 00-0626	EA	3"	To 3-1/2" Caliper Quercus virginiana - Live Oak.....	284.44	
32 93 43 00-0627	EA	3-1/2"	To 4" Caliper Quercus virginiana - Live Oak.....	383.34	
32 93 43 00-0628	EA	4"	To 4-1/2" Caliper Quercus virginiana - Live Oak.....	518.44	
32 93 43 00-0629	EA	4-1/2"	To 5" Caliper Quercus virginiana - Live Oak.....	691.99	
32 93 43 00-0630	EA	5"	To 5-1/2" Caliper Quercus virginiana - Live Oak.....	834.78	
32 93 43 00-0631	EA	5-1/2"	To 6" Caliper Quercus virginiana - Live Oak.....	922.66	
32 93 43 00-0632	EA	6"	To 6-1/2" Caliper Quercus virginiana - Live Oak.....	1,241.19	
32 93 43 00-0633	EA	6-1/2"	To 7" Caliper Quercus virginiana - Live Oak.....	1,559.73	
32 93 43 00-0634	EA	7"	To 7-1/2" Caliper Quercus virginiana - Live Oak.....	1,878.26	
32 93 43 00-0635	EA	7-1/2"	To 8" Caliper Quercus virginiana - Live Oak.....	2,279.18	
32 93 43 00-0636	EA	8"	To 8-1/2" Caliper Quercus virginiana - Live Oak.....	2,680.10	
32 93 43 00-0637	EA	2"	Caliper Quercus alba - White Oak.....	143.27	
32 93 43 00-0638	EA	2-1/2"	Caliper Quercus alba - White Oak.....	167.15	
32 93 43 00-0639	EA	3"	Caliper Quercus alba - White Oak.....	210.13	
32 93 43 00-0640	EA	3-1/2"	Caliper Quercus alba - White Oak.....	262.66	
32 93 43 00-0641	EA	4"	Caliper Quercus alba - White Oak.....	310.42	
32 93 43 00-0642	EA	4-1/2"	Caliper Quercus alba - White Oak.....	382.05	
32 93 43 00-0643	EA	5"	Caliper Quercus alba - White Oak.....	453.69	
32 93 43 00-0644	EA	2"	Caliper Quercus bicolor - Swamp White Oak.....	167.15	
32 93 43 00-0645	EA	2-1/2"	Caliper Quercus bicolor - Swamp White Oak.....	191.03	
32 93 43 00-0646	EA	3"	Caliper Quercus bicolor - Swamp White Oak.....	219.68	
32 93 43 00-0647	EA	3-1/2"	Caliper Quercus bicolor - Swamp White Oak.....	243.56	
32 93 43 00-0648	EA	4"	Caliper Quercus bicolor - Swamp White Oak.....	276.99	
32 93 43 00-0649	EA	4-1/2"	Caliper Quercus bicolor - Swamp White Oak.....	305.64	
32 93 43 00-0650	EA	5"	Caliper Quercus bicolor - Swamp White Oak.....	343.85	
32 93 43 00-0651	EA	10"	Clump Form Quercus bicolor - Swamp White Oak.....	238.78	
32 93 43 00-0652	EA	12"	Clump Form Quercus bicolor - Swamp White Oak.....	286.54	
32 93 43 00-0653	EA	14"	Clump Form Quercus bicolor - Swamp White Oak.....	334.30	
32 93 43 00-0654	EA	16"	Clump Form Quercus bicolor - Swamp White Oak.....	382.05	
32 93 43 00-0655	EA	2"	Caliper Quercus coccinea - Scarlet Oak.....	124.17	
32 93 43 00-0656	EA	2-1/2"	Caliper Quercus coccinea - Scarlet Oak.....	157.60	
32 93 43 00-0657	EA	3"	Caliper Quercus coccinea - Scarlet Oak.....	195.80	
32 93 43 00-0658	EA	3-1/2"	Caliper Quercus coccinea - Scarlet Oak.....	238.78	
32 93 43 00-0659	EA	4"	Caliper Quercus coccinea - Scarlet Oak.....	286.54	
32 93 43 00-0660	EA	4-1/2"	Caliper Quercus coccinea - Scarlet Oak.....	339.07	
32 93 43 00-0661	EA	5"	Caliper Quercus coccinea - Scarlet Oak.....	396.38	
32 93 43 00-0662	EA	1-1/2"	Caliper Quercus imbricaria - Shingle Oak.....	124.17	
32 93 43 00-0663	EA	2"	Caliper Quercus imbricaria - Shingle Oak.....	167.15	
32 93 43 00-0664	EA	2-1/2"	Caliper Quercus imbricaria - Shingle Oak.....	224.46	
32 93 43 00-0665	EA	3"	Caliper Quercus imbricaria - Shingle Oak.....	334.30	
32 93 43 00-0666	EA	3-1/2"	Caliper Quercus imbricaria - Shingle Oak.....	453.69	
32 93 43 00-0667	EA	1-1/2"	Caliper Quercus macrocarpa - Bur Oak.....	124.17	
32 93 43 00-0668	EA	2"	Caliper Quercus macrocarpa - Bur Oak.....	148.05	
32 93 43 00-0669	EA	2-1/2"	Caliper Quercus macrocarpa - Bur Oak.....	176.70	
32 93 43 00-0670	EA	3"	Caliper Quercus macrocarpa - Bur Oak.....	214.90	
32 93 43 00-0671	EA	3-1/2"	Caliper Quercus macrocarpa - Bur Oak.....	262.66	
32 93 43 00-0672	EA	4"	Caliper Quercus macrocarpa - Bur Oak.....	310.42	
32 93 43 00-0673	EA	9"	Clump Form Quercus macrocarpa - Bur Oak.....	286.54	
32 93 43 00-0674	EA	10"	Clump Form Quercus macrocarpa - Bur Oak.....	334.30	
32 93 43 00-0675	EA	12"	Clump Form Quercus macrocarpa - Bur Oak.....	382.05	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0676	EA	2" Caliper Quercus palustris - Pin Oak	105.06	
32 93 43 00-0677	EA	2-1/2" Caliper Quercus palustris - Pin Oak	143.27	
32 93 43 00-0678	EA	3" Caliper Quercus palustris - Pin Oak	186.25	
32 93 43 00-0679	EA	3-1/2" Caliper Quercus palustris - Pin Oak	214.90	
32 93 43 00-0680	EA	4" Caliper Quercus palustris - Pin Oak	248.33	
32 93 43 00-0681	EA	4-1/2" Caliper Quercus palustris - Pin Oak	281.76	
32 93 43 00-0682	EA	5" Caliper Quercus palustris - Pin Oak	310.42	
32 93 43 00-0683	EA	2" Caliper Quercus robur & cvs - English Oak	124.17	
32 93 43 00-0684	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	152.82	
32 93 43 00-0685	EA	3" Caliper Quercus robur & cvs - English Oak	181.47	
32 93 43 00-0686	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	214.90	
32 93 43 00-0687	EA	4" Caliper Quercus robur & cvs - English Oak	248.33	
32 93 43 00-0688	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	286.54	
32 93 43 00-0689	EA	5" Caliper Quercus robur & cvs - English Oak	324.74	
32 93 43 00-0690	EA	2" Caliper Quercus rubra - Red Oak	143.27	
32 93 43 00-0691	EA	2-1/2" Caliper Quercus rubra - Red Oak	167.15	
32 93 43 00-0692	EA	3" Caliper Quercus rubra - Red Oak	200.58	
32 93 43 00-0693	EA	3-1/2" Caliper Quercus rubra - Red Oak	238.78	
32 93 43 00-0694	EA	4" Caliper Quercus rubra - Red Oak	286.54	
32 93 43 00-0695	EA	4-1/2" Caliper Quercus rubra - Red Oak	334.30	
32 93 43 00-0696	EA	5" Caliper Quercus rubra - Red Oak	382.05	
32 93 43 00-0697	EA	16' Clump Form Quercus rubra - Red Oak	310.42	
32 93 43 00-0698	EA	18' Clump Form Quercus rubra - Red Oak	372.50	
32 93 43 00-0699	EA	20' Clump Form Quercus rubra - Red Oak	415.48	
32 93 43 00-0700	EA	2" Caliper Quercus shumardii - Shumard Oak	162.37	
32 93 43 00-0701	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	205.35	
32 93 43 00-0702	EA	3" Caliper Quercus shumardii - Shumard Oak	238.78	
32 93 43 00-0703	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	286.54	
32 93 43 00-0704	EA	4" Caliper Quercus shumardii - Shumard Oak	334.30	
32 93 43 00-0705	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	382.05	
32 93 43 00-0706	EA	5" Caliper Quercus shumardii - Shumard Oak	429.81	
32 93 43 00-0707	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	143.27	
32 93 43 00-0708	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	171.92	
32 93 43 00-0709	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	214.90	
32 93 43 00-0710	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	262.66	
32 93 43 00-0711	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	305.64	
32 93 43 00-0712	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	343.85	
32 93 43 00-0713	EA	24" Box Salix babylonica - Weeping Willow	120.71	
32 93 43 00-0714	EA	36" Box Salix babylonica - Weeping Willow	301.79	
32 93 43 00-0715	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	69.42	
32 93 43 00-0716	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	83.00	
32 93 43 00-0717	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	90.54	
32 93 43 00-0718	EA	2" Caliper Salix alba & cvs - White Willow	76.41	
32 93 43 00-0719	EA	2-1/2" Caliper Salix alba & cvs - White Willow	90.74	
32 93 43 00-0720	EA	3" Caliper Salix alba & cvs - White Willow	119.39	
32 93 43 00-0721	EA	3-1/2" Caliper Salix alba & cvs - White Willow	143.27	
32 93 43 00-0722	EA	4" Caliper Salix alba & cvs - White Willow	171.92	
32 93 43 00-0723	EA	4-1/2" Caliper Salix alba & cvs - White Willow	200.58	
32 93 43 00-0724	EA	5" Caliper Salix alba & cvs - White Willow	229.23	
32 93 43 00-0725	EA	5' Clump Form Sassafras albidum - Common Sassafras	90.74	
32 93 43 00-0726	EA	6' Clump Form Sassafras albidum - Common Sassafras	109.84	
32 93 43 00-0727	EA	7' Clump Form Sassafras albidum - Common Sassafras	138.49	
32 93 43 00-0728	EA	8' Clump Form Sassafras albidum - Common Sassafras	157.60	
32 93 43 00-0729	EA	10' Clump Form Sassafras albidum - Common Sassafras	176.70	
32 93 43 00-0730	EA	12' Clump Form Sassafras albidum - Common Sassafras	214.90	
32 93 43 00-0731	EA	14' Clump Form Sassafras albidum - Common Sassafras	262.66	
32 93 43 00-0732	EA	16' Clump Form Sassafras albidum - Common Sassafras	310.42	
32 93 43 00-0733	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	158.17	
32 93 43 00-0734	EA	2" Caliper Sophora japonica - Chinese Scholar	175.74	
32 93 43 00-0735	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	236.16	
32 93 43 00-0736	EA	3" Caliper Sophora japonica - Chinese Scholar	307.55	
32 93 43 00-0737	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	356.98	
32 93 43 00-0738	EA	10' To 12' Swietenia Mahagoni - Mahogany	84.58	
32 93 43 00-0739	EA	12' To 14' Swietenia Mahagoni - Mahogany	98.86	
32 93 43 00-0740	EA	14' To 16' Swietenia Mahagoni - Mahogany	131.81	
32 93 43 00-0741	EA	16' To 18' Swietenia Mahagoni - Mahogany	148.28	
32 93 43 00-0742	EA	2" Caliper Taxodium distichum - Common Bald Cypress	119.39	
32 93 43 00-0743	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	138.49	
32 93 43 00-0744	EA	3" Caliper Taxodium distichum - Common Bald Cypress	167.15	
32 93 43 00-0745	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	191.03	
32 93 43 00-0746	EA	4" Caliper Taxodium distichum - Common Bald Cypress	210.13	
32 93 43 00-0747	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	105.06	
32 93 43 00-0748	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	119.39	
32 93 43 00-0749	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	171.92	
32 93 43 00-0750	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	191.03	
32 93 43 00-0751	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	214.90	
32 93 43 00-0752	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	248.33	
32 93 43 00-0753	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	286.54	
32 93 43 00-0754	EA	2' Thuja occidentalis - American Arborvitae	16.37	
32 93 43 00-0755	EA	2-1/2" Thuja occidentalis - American Arborvitae	17.68	
32 93 43 00-0756	EA	3' Thuja occidentalis - American Arborvitae	25.26	
32 93 43 00-0757	EA	4' Thuja occidentalis - American Arborvitae	34.71	
32 93 43 00-0758	EA	5' Thuja occidentalis - American Arborvitae	48.33	
32 93 43 00-0759	EA	6' Thuja occidentalis - American Arborvitae	67.00	
32 93 43 00-0760	EA	7' Thuja occidentalis - American Arborvitae	81.28	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns: CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various plant types and quantities such as Thuja occidentalis, Caliper Tilia americana, etc.

32 93 43 00-0818

Evergreen Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

Table with columns: CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various evergreen tree types and quantities such as Abies balsamea, Abies concolor, Cedrus atlantica, etc.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0843	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar.....	57.35	
32 93 43 00-0844	EA	6' To 8' Cedrus deodara - Indian Cedar.....	51.90	
32 93 43 00-0845	EA	8' To 10' Cedrus deodara - Indian Cedar.....	60.08	
32 93 43 00-0846	EA	10' To 12' Cedrus deodara - Indian Cedar.....	81.92	
32 93 43 00-0847	EA	12' To 14' Cedrus deodara - Indian Cedar.....	106.49	
32 93 43 00-0848	EA	14' To 16' Cedrus deodara - Indian Cedar.....	136.55	
32 93 43 00-0849	EA	15' To 18' Chamaecyparis obtusa - Compact Hinoki Cypress.....	16.22	
32 93 43 00-0850	EA	18' To 24' Chamaecyparis obtusa - Compact Hinoki Cypress.....	24.33	
32 93 43 00-0851	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress.....	37.85	
32 93 43 00-0852	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress.....	64.89	
32 93 43 00-0853	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress.....	19.66	
32 93 43 00-0854	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress.....	30.61	
32 93 43 00-0855	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress.....	38.22	
32 93 43 00-0856	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress.....	54.62	
32 93 43 00-0857	EA	1 Gallon Cleypara japonica - Japanese Cleypara.....	2.21	
32 93 43 00-0858	EA	3 Gallon Cleypara japonica - Japanese Cleypara.....	5.55	
32 93 43 00-0859	EA	7 Gallon Cleypara japonica - Japanese Cleypara.....	15.90	
32 93 43 00-0860	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress.....	8.92	
32 93 43 00-0861	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress.....	35.70	
32 93 43 00-0862	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress.....	15.62	
32 93 43 00-0863	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress.....	20.08	
32 93 43 00-0864	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress.....	31.24	
32 93 43 00-0865	EA	24" Box Cupressocyparis leylandii - Leyland Cypress.....	75.86	
32 93 43 00-0866	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress.....	1.63	
32 93 43 00-0867	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress.....	7.32	
32 93 43 00-0868	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress.....	24.41	
32 93 43 00-0869	EA	5 Gallon Cupressus sempervirens - Italian Cypress.....	8.40	
32 93 43 00-0870	EA	15 Gallon Cupressus sempervirens - Italian Cypress.....	23.10	
32 93 43 00-0871	EA	1 Gallon Illicium anisatum - Anise Tree.....	2.40	
32 93 43 00-0872	EA	3 Gallon Illicium anisatum - Anise Tree.....	5.55	
32 93 43 00-0873	EA	1 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	2.47	
32 93 43 00-0874	EA	2 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	4.83	
32 93 43 00-0875	EA	3 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	5.98	
32 93 43 00-0876	EA	5 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	7.03	
32 93 43 00-0877	EA	1 Gallon Juniperus - Blue Sargent Juniper.....	2.47	
32 93 43 00-0878	EA	2 Gallon Juniperus - Blue Sargent Juniper.....	4.83	
32 93 43 00-0879	EA	3 Gallon Juniperus - Blue Sargent Juniper.....	5.98	
32 93 43 00-0880	EA	5 Gallon Juniperus - Blue Sargent Juniper.....	7.03	
32 93 43 00-0881	EA	5 Gallon Juniperus - Compact Pfitzer Juniper.....	7.03	
32 93 43 00-0882	EA	15" To 18" Juniperus - Compact Pfitzer Juniper.....	7.61	
32 93 43 00-0883	EA	18" To 24" Juniperus - Compact Pfitzer Juniper.....	9.19	
32 93 43 00-0884	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper.....	13.65	
32 93 43 00-0885	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper.....	15.80	
32 93 43 00-0886	EA	5' To 6' Juniperus - Fairview Juniper.....	23.54	
32 93 43 00-0887	EA	1 Gallon Juniperus - Hollywood Juniper.....	3.15	
32 93 43 00-0888	EA	5 Gallon Juniperus - Hollywood Juniper.....	8.77	
32 93 43 00-0889	EA	15 Gallon Juniperus - Hollywood Juniper.....	37.17	
32 93 43 00-0890	EA	4' To 5' Juniperus - Hollywood Juniper.....	24.57	
32 93 43 00-0891	EA	5' To 6' Juniperus - Hollywood Juniper.....	31.66	
32 93 43 00-0892	EA	1 Gallon Juniperus - Parson's Juniper.....	2.47	
32 93 43 00-0893	EA	2 Gallon Juniperus - Parson's Juniper.....	4.88	
32 93 43 00-0894	EA	3 Gallon Juniperus - Parson's Juniper.....	6.04	
32 93 43 00-0895	EA	5 Gallon Juniperus - Parson's Juniper.....	7.14	
32 93 43 00-0896	EA	5 Gallon Juniperus - Skyrocket Juniper.....	8.82	
32 93 43 00-0897	EA	15 Gallon Juniperus - Skyrocket Juniper.....	37.54	
32 93 43 00-0898	EA	2' To 3' Juniperus - Skyrocket Juniper.....	13.23	
32 93 43 00-0899	EA	3' To 4' Juniperus - Skyrocket Juniper.....	18.74	
32 93 43 00-0900	EA	4' To 5' Juniperus - Skyrocket Juniper.....	24.83	
32 93 43 00-0901	EA	5' To 6' Juniperus - Skyrocket Juniper.....	32.02	
32 93 43 00-0902	EA	6' To 8' Juniperus - Skyrocket Juniper.....	41.37	
32 93 43 00-0903	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	2.47	
32 93 43 00-0904	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	4.86	
32 93 43 00-0905	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	5.96	
32 93 43 00-0906	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	7.06	
32 93 43 00-0907	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	2.47	
32 93 43 00-0908	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	4.86	
32 93 43 00-0909	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	5.96	
32 93 43 00-0910	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	7.06	
32 93 43 00-0911	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar.....	13.23	
32 93 43 00-0912	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar.....	18.74	
32 93 43 00-0913	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar.....	24.83	
32 93 43 00-0914	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar.....	32.02	
32 93 43 00-0915	EA	5' Picea abies & cvs - Norway Spruce.....	76.79	
32 93 43 00-0916	EA	6' Picea abies & cvs - Norway Spruce.....	87.26	
32 93 43 00-0917	EA	7' Picea abies & cvs - Norway Spruce.....	104.71	
32 93 43 00-0918	EA	8' Picea abies & cvs - Norway Spruce.....	122.17	
32 93 43 00-0919	EA	9' Picea abies & cvs - Norway Spruce.....	164.05	
32 93 43 00-0920	EA	10' Picea abies & cvs - Norway Spruce.....	198.95	
32 93 43 00-0921	EA	12' Picea abies & cvs - Norway Spruce.....	244.33	
32 93 43 00-0922	EA	14' Picea abies & cvs - Norway Spruce.....	296.69	
32 93 43 00-0923	EA	6' Picea glauca - White Spruce.....	73.30	
32 93 43 00-0924	EA	7' Picea glauca - White Spruce.....	104.71	
32 93 43 00-0925	EA	8' Picea glauca - White Spruce.....	122.17	
32 93 43 00-0926	EA	9' Picea glauca - White Spruce.....	146.60	
32 93 43 00-0927	EA	10' Picea glauca - White Spruce.....	174.52	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0928	EA	12' Picea glauca - White Spruce	209.43	
32 93 43 00-0929	EA	4' Picea glauca densata - Black Hills Spruce	41.89	
32 93 43 00-0930	EA	5' Picea glauca densata - Black Hills Spruce	62.83	
32 93 43 00-0931	EA	6' Picea glauca densata - Black Hills Spruce	94.24	
32 93 43 00-0932	EA	7' Picea glauca densata - Black Hills Spruce	111.69	
32 93 43 00-0933	EA	8' Picea glauca densata - Black Hills Spruce	129.15	
32 93 43 00-0934	EA	9' Picea glauca densata - Black Hills Spruce	143.11	
32 93 43 00-0935	EA	10' Picea glauca densata - Black Hills Spruce	157.07	
32 93 43 00-0936	EA	6' Picea omorika & cvs - Serbian Spruce	94.24	
32 93 43 00-0937	EA	7' Picea omorika & cvs - Serbian Spruce	104.71	
32 93 43 00-0938	EA	8' Picea omorika & cvs - Serbian Spruce	125.66	
32 93 43 00-0939	EA	9' Picea omorika & cvs - Serbian Spruce	146.60	
32 93 43 00-0940	EA	10' Picea omorika & cvs - Serbian Spruce	167.54	
32 93 43 00-0941	EA	5' Picea pungens - Colorado Green Spruce	76.79	
32 93 43 00-0942	EA	6' Picea pungens - Colorado Green Spruce	97.73	
32 93 43 00-0943	EA	7' Picea pungens - Colorado Green Spruce	115.18	
32 93 43 00-0944	EA	8' Picea pungens - Colorado Green Spruce	132.64	
32 93 43 00-0945	EA	9' Picea pungens - Colorado Green Spruce	153.58	
32 93 43 00-0946	EA	10' Picea pungens - Colorado Green Spruce	289.71	
32 93 43 00-0947	EA	12' Picea pungens - Colorado Green Spruce	209.43	
32 93 43 00-0948	EA	14' Picea pungens - Colorado Green Spruce	244.33	
32 93 43 00-0949	EA	16' Picea pungens - Colorado Green Spruce	314.14	
32 93 43 00-0950	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	76.79	
32 93 43 00-0951	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	104.71	
32 93 43 00-0952	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	122.17	
32 93 43 00-0953	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	139.62	
32 93 43 00-0954	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	157.07	
32 93 43 00-0955	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	191.97	
32 93 43 00-0956	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	244.33	
32 93 43 00-0957	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	366.50	
32 93 43 00-0958	EA	4' Pinus cembra - Swiss Stone Pine	59.34	
32 93 43 00-0959	EA	5' Pinus cembra - Swiss Stone Pine	73.30	
32 93 43 00-0960	EA	6' Pinus cembra - Swiss Stone Pine	90.75	
32 93 43 00-0961	EA	6' Pinus flexilis & cvs - Limber Pine	87.26	
32 93 43 00-0962	EA	7' Pinus flexilis & cvs - Limber Pine	101.22	
32 93 43 00-0963	EA	8' Pinus flexilis & cvs - Limber Pine	125.66	
32 93 43 00-0964	EA	9' Pinus flexilis & cvs - Limber Pine	153.58	
32 93 43 00-0965	EA	10' Pinus flexilis & cvs - Limber Pine	174.52	
32 93 43 00-0966	EA	1 Gallon Pinus mugo - Mugho Pine	3.25	
32 93 43 00-0967	EA	2 Gallon Pinus mugo - Mugho Pine	6.88	
32 93 43 00-0968	EA	3 Gallon Pinus mugo - Mugho Pine	8.61	
32 93 43 00-0969	EA	5 Gallon Pinus mugo - Mugho Pine	10.92	
32 93 43 00-0970	EA	12" To 15" Spread Pinus mugo - Mugho Pine	8.45	
32 93 43 00-0971	EA	15" To 18" Spread Pinus mugo - Mugho Pine	10.08	
32 93 43 00-0972	EA	18" To 24" Spread Pinus mugo - Mugho Pine	13.65	
32 93 43 00-0973	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	19.11	
32 93 43 00-0974	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	24.57	
32 93 43 00-0975	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	30.61	
32 93 43 00-0976	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	37.17	
32 93 43 00-0977	EA	6' Pinus nigra - Austrian Pine	87.26	
32 93 43 00-0978	EA	7' Pinus nigra - Austrian Pine	104.71	
32 93 43 00-0979	EA	8' Pinus nigra - Austrian Pine	136.13	
32 93 43 00-0980	EA	9' Pinus nigra - Austrian Pine	157.07	
32 93 43 00-0981	EA	10' Pinus nigra - Austrian Pine	184.99	
32 93 43 00-0982	EA	12' Pinus nigra - Austrian Pine	209.43	
32 93 43 00-0983	EA	14' Pinus nigra - Austrian Pine	233.86	
32 93 43 00-0984	EA	16' Pinus nigra - Austrian Pine	265.27	
32 93 43 00-0985	EA	5' Pinus peuce - Macedonian Pine	108.20	
32 93 43 00-0986	EA	6' Pinus peuce - Macedonian Pine	136.13	
32 93 43 00-0987	EA	7' Pinus peuce - Macedonian Pine	157.07	
32 93 43 00-0988	EA	8' Pinus peuce - Macedonian Pine	178.01	
32 93 43 00-0989	EA	9' Pinus peuce - Macedonian Pine	205.94	
32 93 43 00-0990	EA	2' Pinus strobus - Pyramidal White Pine	9.67	
32 93 43 00-0991	EA	3' Pinus strobus - Pyramidal White Pine	12.92	
32 93 43 00-0992	EA	4' Pinus strobus - Pyramidal White Pine	14.25	
32 93 43 00-0993	EA	5' Pinus strobus - Pyramidal White Pine	15.58	
32 93 43 00-0994	EA	6' Pinus strobus - Pyramidal White Pine	19.42	
32 93 43 00-0995	EA	7' Pinus strobus - Pyramidal White Pine	25.83	
32 93 43 00-0996	EA	8' Pinus strobus - Pyramidal White Pine	35.50	
32 93 43 00-0997	EA	10' Pinus strobus - Pyramidal White Pine	70.83	
32 93 43 00-0998	EA	12' Pinus strobus - Pyramidal White Pine	168.33	
32 93 43 00-0999	EA	14' Pinus strobus - Pyramidal White Pine	225.83	
32 93 43 00-1000	EA	16' Pinus strobus - Pyramidal White Pine	271.66	
32 93 43 00-1001	EA	2' Pinus strobus - White Pine	14.85	
32 93 43 00-1002	EA	3' Pinus strobus - White Pine	21.19	
32 93 43 00-1003	EA	4' Pinus strobus - White Pine	33.80	
32 93 43 00-1004	EA	5' Pinus strobus - White Pine	48.17	
32 93 43 00-1005	EA	6' Pinus strobus - White Pine	70.65	
32 93 43 00-1006	EA	7' Pinus strobus - White Pine	84.29	
32 93 43 00-1007	EA	8' Pinus strobus - White Pine	114.00	
32 93 43 00-1008	EA	10' Pinus strobus - White Pine	153.33	
32 93 43 00-1009	EA	12' Pinus strobus - White Pine	203.11	
32 93 43 00-1010	EA	14' Pinus strobus - White Pine	248.87	
32 93 43 00-1011	EA	16' Pinus strobus - White Pine	302.66	
32 93 43 00-1012	EA	3' Pinus sylvestris - Scotch Pine	22.93	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

32 93 43 00-1013	EA	4' Pinus sylvestris - Scotch Pine	31.83	
32 93 43 00-1014	EA	5' Pinus sylvestris - Scotch Pine	44.68	
32 93 43 00-1015	EA	6' Pinus sylvestris - Scotch Pine	61.99	
32 93 43 00-1016	EA	7' Pinus sylvestris - Scotch Pine	75.95	
32 93 43 00-1017	EA	8' Pinus sylvestris - Scotch Pine	107.23	
32 93 43 00-1018	EA	9' Pinus sylvestris - Scotch Pine	136.13	
32 93 43 00-1019	EA	10' Pinus sylvestris - Scotch Pine	157.07	
32 93 43 00-1020	EA	12' Pinus sylvestris - Scotch Pine	184.99	
32 93 43 00-1021	EA	14' Pinus sylvestris - Scotch Pine	209.43	
32 93 43 00-1022	EA	16' Pinus sylvestris - Scotch Pine	244.33	
32 93 43 00-1023	EA	5' To 6' Pinus taeda - Loblolly Pine	9.98	
32 93 43 00-1024	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.47	
32 93 43 00-1025	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	8.77	
32 93 43 00-1026	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	28.40	
32 93 43 00-1027	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	12.02	
32 93 43 00-1028	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	15.28	
32 93 43 00-1029	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	22.94	
32 93 43 00-1030	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	44.78	
32 93 43 00-1031	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	50.24	
32 93 43 00-1032	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	62.79	
32 93 43 00-1033	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.63	
32 93 43 00-1034	EA	3 Gallon Podocarpus - Chinese Podocarpus	3.78	
32 93 43 00-1035	EA	7 Gallon Podocarpus - Chinese Podocarpus	10.92	
32 93 43 00-1036	EA	15 Gallon Podocarpus - Chinese Podocarpus	17.74	
32 93 43 00-1037	EA	4' To 5' Podocarpus - Chinese Podocarpus	27.30	
32 93 43 00-1038	EA	5' Pseudotsuga menziesii - Douglas Fir	69.81	
32 93 43 00-1039	EA	6' Pseudotsuga menziesii - Douglas Fir	83.77	
32 93 43 00-1040	EA	7' Pseudotsuga menziesii - Douglas Fir	104.71	
32 93 43 00-1041	EA	8' Pseudotsuga menziesii - Douglas Fir	125.66	
32 93 43 00-1042	EA	9' Pseudotsuga menziesii - Douglas Fir	157.07	
32 93 43 00-1043	EA	10' Pseudotsuga menziesii - Douglas Fir	184.99	
32 93 43 00-1044	EA	12' Pseudotsuga menziesii - Douglas Fir	209.43	
32 93 43 00-1045	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	34.12	
32 93 43 00-1046	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	46.07	
32 93 43 00-1047	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	56.30	
32 93 43 00-1048	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	24.25	
32 93 43 00-1049	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	30.32	
32 93 43 00-1050	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	37.48	
32 93 43 00-1051	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	47.43	
32 93 43 00-1052	EA	6' Tsuga canadensis - Northern Hemlock	69.81	
32 93 43 00-1053	EA	7' Tsuga canadensis - Northern Hemlock	87.26	
32 93 43 00-1054	EA	8' Tsuga canadensis - Northern Hemlock	118.67	
32 93 43 00-1055	EA	9' Tsuga canadensis - Northern Hemlock	139.62	
32 93 43 00-1056	EA	10' Tsuga canadensis - Northern Hemlock	157.07	
32 93 43 00-1057	EA	12' Tsuga canadensis - Northern Hemlock	174.52	
32 93 43 00-1058	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	6.58	
32 93 43 00-1059	EA	3' To 4' Thuja occidentalis 'Woodwardii' - Woodward Arborvitae	30.16	

32 93 43 00-1060

Palm And Subtropical Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1061	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	91.19	
32 93 43 00-1062	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	141.85	
32 93 43 00-1063	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	182.38	
32 93 43 00-1064	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	243.17	
32 93 43 00-1065	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	69.08	
32 93 43 00-1066	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	96.72	
32 93 43 00-1067	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	124.35	
32 93 43 00-1068	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	151.98	
32 93 43 00-1069	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	184.22	
32 93 43 00-1070	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	230.28	
32 93 43 00-1071	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	193.43	
32 93 43 00-1072	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	303.96	
32 93 43 00-1073	EA	3' To 4' Chamaerops humilis - European Fan Palm	165.80	
32 93 43 00-1074	EA	5' To 6' Chamaerops humilis - European Fan Palm	221.06	
32 93 43 00-1075	EA	7' To 8' Chamaerops humilis - European Fan Palm	515.82	
32 93 43 00-1076	EA	9' To 10' Chamaerops humilis - European Fan Palm	884.26	
32 93 43 00-1077	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	128.95	
32 93 43 00-1078	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	257.91	
32 93 43 00-1079	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	331.60	
32 93 43 00-1080	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	460.55	
32 93 43 00-1081	EA	12' To 16' Cocos nucifera - Coconut Palm	388.47	
32 93 43 00-1082	EA	4' To 5' Rhaps excelsa - Lady Palm	350.02	
32 93 43 00-1083	EA	6' To 7' Rhaps excelsa - Lady Palm	497.39	
32 93 43 00-1084	EA	8' To 9' Roystonea regia - Royal Palm	281.86	
32 93 43 00-1085	EA	10' To 11' Roystonea regia - Royal Palm	344.49	
32 93 43 00-1086	EA	12' To 13' Roystonea regia - Royal Palm	407.13	
32 93 43 00-1087	EA	14' To 15' Roystonea regia - Royal Palm	469.76	
32 93 43 00-1088	EA	16' To 17' Roystonea regia - Royal Palm	532.40	
32 93 43 00-1089	EA	18' To 19' Roystonea regia - Royal Palm	595.03	
32 93 43 00-1090	EA	20' To 21' Roystonea regia - Royal Palm	657.67	
32 93 43 00-1091	EA	10' To 16' Sabal palmetto - Cabbage Palm	142.44	
32 93 43 00-1092	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	386.86	
32 93 43 00-1093	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	497.39	
32 93 43 00-1094	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	607.93	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 93 83 Planting Of Trees, Shrubs And Ground Cover (32 93)

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees (32 93 83)		
Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0002	EA 3" To 5" Bare Root Seedlings Tree Planting.....	1.14
32 93 83 00-0003	EA 6" To 10" Bare Root Seedlings Tree Planting.....	1.84
32 93 83 00-0004	EA 11" To 16" Bare Root Seedlings Tree Planting.....	2.30
32 93 83 00-0005	EA 17" To 24" Bare Root Seedlings Tree Planting.....	3.67
32 93 83 00-0006	EA 1 Gallon Container Tree Planting.....	18.34
	For >10 To 25, Deduct	-0.92
	For >25 To 50, Deduct	-2.29
	For >50 To 100, Deduct	-3.67
	For >100, Deduct	-5.50
32 93 83 00-0007	EA 2 Gallon Container Tree Planting.....	25.68
	For >10 To 25, Deduct	-1.28
	For >25 To 50, Deduct	-3.21
	For >50 To 100, Deduct	-5.14
	For >100, Deduct	-7.70
32 93 83 00-0008	EA 3 Gallon Container Tree Planting.....	33.01
	For >10 To 25, Deduct	-1.65
	For >25 To 50, Deduct	-4.13
	For >50 To 100, Deduct	-6.60
	For >100, Deduct	-9.90
32 93 83 00-0009	EA 5 Gallon Container Tree Planting.....	55.02
	For >10 To 25, Deduct	-2.75
	For >25 To 50, Deduct	-6.88
	For >50 To 100, Deduct	-11.00
	For >100, Deduct	-16.51
32 93 83 00-0010	EA 7 Gallon Container Tree Planting.....	73.36
	For >10 To 25, Deduct	-3.67
	For >25 To 50, Deduct	-9.17
	For >50 To 100, Deduct	-14.67
	For >100, Deduct	-22.01
32 93 83 00-0011	EA 10 Gallon Container Tree Planting.....	95.37
	For >10 To 25, Deduct	-4.77
	For >25 To 50, Deduct	-11.92
	For >50 To 100, Deduct	-19.07
	For >100, Deduct	-28.61
32 93 83 00-0012	EA 15 Gallon Container Tree Planting.....	135.72
	For >10 To 25, Deduct	-6.79
	For >25 To 50, Deduct	-16.97
	For >50 To 100, Deduct	-27.14
	For >100, Deduct	-40.72
32 93 83 00-0013	EA 20 Gallon Container Tree Planting.....	223.75
	For >10 To 25, Deduct	-11.19
	For >25 To 50, Deduct	-27.97
	For >50 To 100, Deduct	-44.75
	For >100, Deduct	-67.13
32 93 83 00-0014	EA 25 Gallon Container Tree Planting.....	289.78
	For >10 To 25, Deduct	-14.49
	For >25 To 50, Deduct	-36.22
	For >50 To 100, Deduct	-57.96
	For >100, Deduct	-86.93
32 93 83 00-0015	EA 30 Gallon Container Tree Planting.....	348.46
	For >10 To 25, Deduct	-17.42
	For >25 To 50, Deduct	-43.56
	For >50 To 100, Deduct	-69.69
	For >100, Deduct	-104.54
32 93 83 00-0016	EA 45 Gallon Container Tree Planting.....	432.83
	For >10 To 25, Deduct	-21.64
	For >25 To 50, Deduct	-54.10
	For >50 To 100, Deduct	-86.57
	For >100, Deduct	-129.85
32 93 83 00-0017	EA 65 Gallon Container Tree Planting.....	513.53
	For >10 To 25, Deduct	-25.68
	For >25 To 50, Deduct	-64.19
	For >50 To 100, Deduct	-102.71
	For >100, Deduct	-154.06
32 93 83 00-0018	EA 6' Balled And Burlapped Tree Planting.....	183.40
	For >10 To 25, Deduct	-9.17
	For >25 To 50, Deduct	-22.93
	For >50 To 100, Deduct	-36.68
	For >100, Deduct	-55.02
32 93 83 00-0019	EA 7' Balled And Burlapped Tree Planting.....	244.30
	For >10 To 25, Deduct	-12.22
	For >25 To 50, Deduct	-30.54
	For >50 To 100, Deduct	-48.86
	For >100, Deduct	-73.29
32 93 83 00-0020	EA 8' Balled And Burlapped Tree Planting.....	275.11
	For >10 To 25, Deduct	-13.76
	For >25 To 50, Deduct	-34.39
	For >50 To 100, Deduct	-55.02
	For >100, Deduct	-82.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 83 00-0021	EA		10' Balled And Burlapped Tree Planting	320.95	
			For >10 To 25, Deduct	-16.05	
			For >25 To 50, Deduct	-40.12	
			For >50 To 100, Deduct	-64.19	
			For >100, Deduct	-96.29	
32 93 83 00-0022	EA		12' Balled And Burlapped Tree Planting	429.16	
			For >10 To 25, Deduct	-21.46	
			For >25 To 50, Deduct	-53.65	
			For >50 To 100, Deduct	-85.83	
			For >100, Deduct	-128.75	
32 93 83 00-0023	EA		14' Balled And Burlapped Tree Planting	491.52	
			For >10 To 25, Deduct	-24.58	
			For >25 To 50, Deduct	-61.44	
			For >50 To 100, Deduct	-98.30	
			For >100, Deduct	-147.46	
32 93 83 00-0024	EA		16' Balled And Burlapped Tree Planting	596.06	
			For >10 To 25, Deduct	-29.80	
			For >25 To 50, Deduct	-74.51	
			For >50 To 100, Deduct	-119.21	
			For >100, Deduct	-178.82	
32 93 83 00-0025	EA		18' Balled And Burlapped Tree Planting	715.27	
			For >10 To 25, Deduct	-35.76	
			For >25 To 50, Deduct	-89.41	
			For >50 To 100, Deduct	-143.05	
			For >100, Deduct	-214.58	
32 93 83 00-0026	EA		20' Balled And Burlapped Tree Planting	825.32	
			For >10 To 25, Deduct	-41.27	
			For >25 To 50, Deduct	-103.17	
			For >50 To 100, Deduct	-165.06	
			For >100, Deduct	-247.60	
32 93 83 00-0027	EA		1-1/2" Caliper Balled And Burlapped Tree Planting	275.11	
			For >10 To 25, Deduct	-13.76	
			For >25 To 50, Deduct	-34.39	
			For >50 To 100, Deduct	-55.02	
			For >100, Deduct	-82.53	
32 93 83 00-0028	EA		2" Caliper Balled And Burlapped Tree Planting	320.95	
			For >10 To 25, Deduct	-16.05	
			For >25 To 50, Deduct	-40.12	
			For >50 To 100, Deduct	-64.19	
			For >100, Deduct	-96.29	
32 93 83 00-0029	EA		2-1/2" Caliper Balled And Burlapped Tree Planting	431.00	
			For >10 To 25, Deduct	-21.55	
			For >25 To 50, Deduct	-53.88	
			For >50 To 100, Deduct	-86.20	
			For >100, Deduct	-129.30	
32 93 83 00-0030	EA		3" Caliper Balled And Burlapped Tree Planting	495.19	
			For >10 To 25, Deduct	-24.76	
			For >25 To 50, Deduct	-61.90	
			For >50 To 100, Deduct	-99.04	
			For >100, Deduct	-148.56	
32 93 83 00-0031	EA		3-1/2" Caliper Balled And Burlapped Tree Planting	550.21	
			For >10 To 25, Deduct	-27.51	
			For >25 To 50, Deduct	-68.78	
			For >50 To 100, Deduct	-110.04	
			For >100, Deduct	-165.06	
32 93 83 00-0032	EA		4" Caliper Balled And Burlapped Tree Planting	630.91	
			For >10 To 25, Deduct	-31.55	
			For >25 To 50, Deduct	-78.86	
			For >50 To 100, Deduct	-126.18	
			For >100, Deduct	-189.27	

32 93 83 00-0033

Tree Pits (32 93 83)

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0034	EA		2' x 1-1/4' Deep Tree Pit	115.11	
32 93 83 00-0035	EA		2' x 2-1/2' Deep Tree Pit	172.64	
32 93 83 00-0036	EA		2-1/2' x 1-1/2' Deep Tree Pit	221.52	
32 93 83 00-0037	EA		2-1/2' x 3' Deep Tree Pit	332.23	
32 93 83 00-0038	EA		3' x 1-3/4' Deep Tree Pit	344.67	
32 93 83 00-0039	EA		3' x 3-1/2' Deep Tree Pit	514.69	
32 93 83 00-0040	EA		3-1/2' x 1-3/4' Deep Tree Pit	423.98	
32 93 83 00-0041	EA		3-1/2' x 3-1/2' Deep Tree Pit	635.21	
32 93 83 00-0042	EA		4' x 2' Deep Tree Pit	507.43	
32 93 83 00-0043	EA		4' x 4' Deep Tree Pit	760.79	
32 93 83 00-0044	EA		4-1/2' x 2' Deep Tree Pit	733.29	
32 93 83 00-0045	EA		4-1/2' x 4' Deep Tree Pit	1,101.79	
32 93 83 00-0046	EA		5' x 2-1/4' Deep Tree Pit	975.30	
32 93 83 00-0047	EA		5' x 4-1/2' Deep Tree Pit	1,454.19	
32 93 83 00-0048	EA		6' x 2-1/2' Deep Tree Pit	1,383.05	
32 93 83 00-0049	EA		6' x 5' Deep Tree Pit	2,071.94	
32 93 83 00-0050	EA		7' x 3' Deep Tree Pit	2,331.66	
32 93 83 00-0051	EA		7' x 6' Deep Tree Pit	3,513.45	
32 93 83 00-0052	EA		8' x 3-1/4' Deep Tree Pit	3,212.68	
32 93 83 00-0053	EA		8' x 6-1/2' Deep Tree Pit	4,817.26	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 83 00-0054	Planting Shrubs <small>(32 93 83)</small>				
	Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.				
32 93 83 00-0055	EA		1 Gallon Container Shrub Planting.....	15.60	
			For >10 To 25, Deduct	-0.78	
			For >25 To 50, Deduct	-1.95	
			For >50 To 100, Deduct	-3.12	
			For >100, Deduct	-4.68	
32 93 83 00-0056	EA		2 Gallon Container Shrub Planting.....	22.01	
			For >10 To 25, Deduct	-1.10	
			For >25 To 50, Deduct	-2.75	
			For >50 To 100, Deduct	-4.40	
			For >100, Deduct	-6.60	
32 93 83 00-0057	EA		3 Gallon Container Shrub Planting.....	27.51	
			For >10 To 25, Deduct	-1.38	
			For >25 To 50, Deduct	-3.44	
			For >50 To 100, Deduct	-5.50	
			For >100, Deduct	-8.25	
32 93 83 00-0058	EA		4 Gallon Container Shrub Planting.....	36.68	
			For >10 To 25, Deduct	-1.83	
			For >25 To 50, Deduct	-4.59	
			For >50 To 100, Deduct	-7.34	
			For >100, Deduct	-11.00	
32 93 83 00-0059	EA		5 Gallon Container Shrub Planting.....	45.85	
			For >10 To 25, Deduct	-2.29	
			For >25 To 50, Deduct	-5.73	
			For >50 To 100, Deduct	-9.17	
			For >100, Deduct	-13.76	
32 93 83 00-0060	EA		7 Gallon Container Shrub Planting.....	62.36	
			For >10 To 25, Deduct	-3.12	
			For >25 To 50, Deduct	-7.80	
			For >50 To 100, Deduct	-12.47	
			For >100, Deduct	-18.71	
32 93 83 00-0061	EA		10 Gallon Container Shrub Planting.....	82.53	
			For >10 To 25, Deduct	-4.13	
			For >25 To 50, Deduct	-10.32	
			For >50 To 100, Deduct	-16.51	
			For >100, Deduct	-24.76	
32 93 83 00-0062	EA		15 Gallon Container Shrub Planting.....	113.71	
			For >10 To 25, Deduct	-5.69	
			For >25 To 50, Deduct	-14.21	
			For >50 To 100, Deduct	-22.74	
			For >100, Deduct	-34.11	
32 93 83 00-0063	EA		20 Gallon Container Shrub Planting.....	190.74	
			For >10 To 25, Deduct	-9.54	
			For >25 To 50, Deduct	-23.84	
			For >50 To 100, Deduct	-38.15	
			For >100, Deduct	-57.22	
32 93 83 00-0064	EA		25 Gallon Container Shrub Planting.....	244.30	
			For >10 To 25, Deduct	-12.22	
			For >25 To 50, Deduct	-30.54	
			For >50 To 100, Deduct	-48.86	
			For >100, Deduct	-73.29	
32 93 83 00-0065	EA		15" Balled And Burlapped Shrub Planting.....	51.35	
			For >10 To 25, Deduct	-2.57	
			For >25 To 50, Deduct	-6.42	
			For >50 To 100, Deduct	-10.27	
			For >100, Deduct	-15.41	
32 93 83 00-0066	EA		18" Balled And Burlapped Shrub Planting.....	53.19	
			For >10 To 25, Deduct	-2.66	
			For >25 To 50, Deduct	-6.65	
			For >50 To 100, Deduct	-10.64	
			For >100, Deduct	-15.96	
32 93 83 00-0067	EA		24" Balled And Burlapped Shrub Planting.....	58.69	
			For >10 To 25, Deduct	-2.93	
			For >25 To 50, Deduct	-7.34	
			For >50 To 100, Deduct	-11.74	
			For >100, Deduct	-17.61	
32 93 83 00-0068	EA		30" Balled And Burlapped Shrub Planting.....	58.69	
			For >10 To 25, Deduct	-2.93	
			For >25 To 50, Deduct	-7.34	
			For >50 To 100, Deduct	-11.74	
			For >100, Deduct	-17.61	
32 93 83 00-0069	EA		36" Balled And Burlapped Shrub Planting.....	64.19	
			For >10 To 25, Deduct	-3.21	
			For >25 To 50, Deduct	-8.02	
			For >50 To 100, Deduct	-12.84	
			For >100, Deduct	-19.26	
32 93 83 00-0070	EA		42" Balled And Burlapped Shrub Planting.....	67.86	
			For >10 To 25, Deduct	-3.39	
			For >25 To 50, Deduct	-8.48	
			For >50 To 100, Deduct	-13.57	
			For >100, Deduct	-20.36	
32 93 83 00-0071	EA		48" Balled And Burlapped Shrub Planting.....	73.36	
			For >10 To 25, Deduct	-3.67	
			For >25 To 50, Deduct	-9.17	
			For >50 To 100, Deduct	-14.67	
			For >100, Deduct	-22.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 83 00-0072	EA 5' Balled And Burlapped Shrub Planting.....	110.05	
	For >10 To 25, Deduct	-5.50	
	For >25 To 50, Deduct	-13.76	
	For >50 To 100, Deduct	-22.01	
	For >100, Deduct	-33.02	
32 93 83 00-0073	EA 6' Balled And Burlapped Shrub Planting.....	155.89	
	For >10 To 25, Deduct	-7.79	
	For >25 To 50, Deduct	-19.49	
	For >50 To 100, Deduct	-31.18	
	For >100, Deduct	-46.77	
32 93 83 00-0074	EA 7' Balled And Burlapped Shrub Planting.....	207.25	
	For >10 To 25, Deduct	-10.36	
	For >25 To 50, Deduct	-25.91	
	For >50 To 100, Deduct	-41.45	
	For >100, Deduct	-62.18	
32 93 83 00-0075	EA 8' Balled And Burlapped Shrub Planting.....	234.76	
	For >10 To 25, Deduct	-11.74	
	For >25 To 50, Deduct	-29.35	
	For >50 To 100, Deduct	-46.95	
	For >100, Deduct	-70.43	
32 93 83 00-0076	EA 9' Balled And Burlapped Shrub Planting.....	253.10	
	For >10 To 25, Deduct	-12.66	
	For >25 To 50, Deduct	-31.64	
	For >50 To 100, Deduct	-50.62	
	For >100, Deduct	-75.93	
32 93 83 00-0077	EA 10' Balled And Burlapped Shrub Planting.....	275.11	
	For >10 To 25, Deduct	-13.76	
	For >25 To 50, Deduct	-34.39	
	For >50 To 100, Deduct	-55.02	
	For >100, Deduct	-82.53	

32 93 83 00-0078 Planting Groundcover, Vines, Perennials, Annuals And Bulbs (32 93 83)

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0079	EA 2-1/4" Diameter Potted Groundcover And Flower Planting.....	1.52	
	For >10 To 25, Deduct	-0.08	
	For >25 To 50, Deduct	-0.19	
	For >50 To 100, Deduct	-0.30	
	For >100, Deduct	-0.46	
32 93 83 00-0080	EA 3" Diameter Potted Groundcover And Flower Planting.....	1.74	
	For >10 To 25, Deduct	-0.09	
	For >25 To 50, Deduct	-0.22	
	For >50 To 100, Deduct	-0.35	
	For >100, Deduct	-0.52	
32 93 83 00-0081	EA 4" Diameter Potted Groundcover And Flower Planting.....	2.04	
	For >10 To 25, Deduct	-0.10	
	For >25 To 50, Deduct	-0.26	
	For >50 To 100, Deduct	-0.41	
	For >100, Deduct	-0.61	
32 93 83 00-0082	EA 5-1/2" Diameter Potted Groundcover And Flower Planting.....	2.45	
	For >10 To 25, Deduct	-0.12	
	For >25 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.49	
	For >100, Deduct	-0.74	
32 93 83 00-0083	EA 6" Diameter Potted Groundcover And Flower Planting.....	3.06	
	For >10 To 25, Deduct	-0.15	
	For >25 To 50, Deduct	-0.38	
	For >50 To 100, Deduct	-0.61	
	For >100, Deduct	-0.92	
32 93 83 00-0084	EA 8" Diameter Potted Groundcover And Flower Planting.....	4.58	
	For >10 To 25, Deduct	-0.23	
	For >25 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-0.92	
	For >100, Deduct	-1.37	
32 93 83 00-0085	EA 1 Gallon Container Groundcover And Flower Planting.....	14.67	
	For >10 To 25, Deduct	-0.73	
	For >25 To 50, Deduct	-1.83	
	For >50 To 100, Deduct	-2.93	
	For >100, Deduct	-4.40	
32 93 83 00-0086	EA 2 Gallon Container Groundcover And Flower Planting.....	20.17	
	For >10 To 25, Deduct	-1.01	
	For >25 To 50, Deduct	-2.52	
	For >50 To 100, Deduct	-4.03	
	For >100, Deduct	-6.05	
32 93 83 00-0087	EA 3 Gallon Container Groundcover And Flower Planting.....	25.68	
	For >10 To 25, Deduct	-1.28	
	For >25 To 50, Deduct	-3.21	
	For >50 To 100, Deduct	-5.14	
	For >100, Deduct	-7.70	
32 93 83 00-0088	EA 4 Gallon Container Groundcover And Flower Planting.....	33.01	
	For >10 To 25, Deduct	-1.65	
	For >25 To 50, Deduct	-4.13	
	For >50 To 100, Deduct	-6.60	
	For >100, Deduct	-9.90	
32 93 83 00-0089	EA 5 Gallon Container Groundcover And Flower Planting.....	40.35	
	For >10 To 25, Deduct	-2.02	
	For >25 To 50, Deduct	-5.04	
	For >50 To 100, Deduct	-8.07	
	For >100, Deduct	-12.11	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 83 00-0090	EA	7 Gallon Container Groundcover And Flower Planting	55.02	
		For >10 To 25, Deduct	-2.75	
		For >25 To 50, Deduct	-6.88	
		For >50 To 100, Deduct	-11.00	
		For >100, Deduct	-16.51	
32 93 83 00-0091	EA	Bulb Planting	0.91	
		For >10 To 25, Deduct	-0.05	
		For >25 To 50, Deduct	-0.11	
		For >50 To 100, Deduct	-0.18	
		For >100, Deduct	-0.27	
32 93 83 00-0092	EA	Flats Of 24 Groundcover And Flower Planting	25.67	
		For >10 To 25, Deduct	-1.28	
		For >25, Deduct	-3.21	
32 93 83 00-0093	EA	Flats Of 36 Groundcover And Flower Planting	36.42	
		For >10 To 25, Deduct	-1.82	
		For >25, Deduct	-4.55	
32 93 83 00-0094	EA	Flats Of 48 Groundcover And Flower Planting	48.49	
		For >10 To 25, Deduct	-2.42	
		For >25, Deduct	-6.06	

32 94 Planting Accessories (32 90)**32 94 13 Landscape Edging** (32 94)

Note: Including stakes.

32 94 13 00-0001 Landscape Edging (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	7.08	2.22
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	7.63	2.22
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	7.67	2.22
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	8.66	2.29
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	9.33	2.29
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	9.32	2.29
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	7.87	2.37
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	8.63	2.37
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	8.70	2.37
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	9.68	2.44
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	10.44	2.44
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	10.50	2.44
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging	8.61	2.29
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging	11.58	2.29

32 94 16 Landscape Timbers (32 94)

32 94 16 00-0001	LF	6" x 8" Railroad Ties	12.82	4.18
32 94 16 00-0002	LF	7" x 9" Railroad Ties	15.44	5.25
32 94 16 00-0003	LF	1" x 4" Redwood	4.46	1.49
32 94 16 00-0004	LF	2" x 4" Redwood Edging	6.13	2.23
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	9.24	2.97
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	12.11	3.72
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	14.10	4.36
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	3.53	1.49
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	5.37	2.23
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	8.77	2.88
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	12.00	3.72
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	14.75	4.36

32 94 43 Tree Grates (32 94)**32 94 43 00-0001 Tree Grates With Frames** (32 94 43)**32 94 43 00-0002 Round Cast Iron Tree Grates With Frames** (32 94 43 00-0001)

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	645.70	55.47
		For >3 To 9, Deduct	-40.11	
		For >9, Deduct	-82.89	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	742.90	55.47
		For >3 To 9, Deduct	-47.40	
		For >9, Deduct	-97.96	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	901.41	73.95
		For >3 To 9, Deduct	-56.51	
		For >9, Deduct	-116.79	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	1,113.03	73.95
		For >3 To 9, Deduct	-72.38	
		For >9, Deduct	-149.59	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	1,425.95	92.45
		For >3 To 9, Deduct	-93.08	
		For >9, Deduct	-192.37	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	1,502.96	110.93
		For >3 To 9, Deduct	-96.08	
		For >9, Deduct	-198.57	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	1,650.23	110.93
		For >3 To 9, Deduct	-107.13	
		For >9, Deduct	-221.40	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	2,201.64	157.15
		For >3 To 9, Deduct	-141.55	
		For >9, Deduct	-292.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0011 EA 72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,287.42 -147.98 -305.83	157.15
32 94 43 00-0012 EA 72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,358.91 -153.35 -316.91	157.15
32 94 43 00-0013 EA 72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,416.11 -157.64 -325.78	157.15
32 94 43 00-0014 EA 72" Diameter, >700 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,459.00 -160.85 -332.43	157.15
32 94 43 00-0015 EA 93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,703.21 -175.01 -361.68	184.88
32 94 43 00-0016 Square Cast Iron Tree Grates With Frames (32 94 43 00-0001)		
32 94 43 00-0017 EA 30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	597.06 -36.46 -75.35	55.47
32 94 43 00-0018 EA 36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	718.59 -45.57 -94.19	55.47
32 94 43 00-0019 EA 48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,071.36 -66.49 -137.40	92.45
32 94 43 00-0020 EA 48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,257.23 -80.43 -166.21	92.45
32 94 43 00-0021 EA 48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,428.81 -93.29 -192.81	92.45
32 94 43 00-0022 EA 48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,586.08 -105.09 -217.19	92.45
32 94 43 00-0023 EA 48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,729.06 -115.81 -239.35	92.45
32 94 43 00-0024 EA 48" x 48", >400 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,857.75 -125.47 -259.29	92.45
32 94 43 00-0025 EA 60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,803.03 -115.81 -239.35	129.42
32 94 43 00-0026 EA 60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	1,931.72 -125.47 -259.29	129.42
32 94 43 00-0027 EA 60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,046.10 -134.04 -277.02	129.42
32 94 43 00-0028 EA 60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,146.19 -141.55 -292.54	129.42
32 94 43 00-0029 EA 60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,231.97 -147.98 -305.83	129.42
32 94 43 00-0030 EA 60" x 60", >600 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,303.46 -153.35 -316.91	129.42
32 94 43 00-0031 EA 72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,201.64 -141.55 -292.54	157.15
32 94 43 00-0032 EA 72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,287.42 -147.98 -305.83	157.15
32 94 43 00-0033 EA 72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,358.91 -153.35 -316.91	157.15
32 94 43 00-0034 EA 72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,416.11 -157.64 -325.78	157.15
32 94 43 00-0035 EA 72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,459.00 -160.85 -332.43	157.15
32 94 43 00-0036 EA 72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,487.60 -163.00 -336.86	157.15
32 94 43 00-0037 EA 72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,501.89 -164.07 -339.08	157.15
32 94 43 00-0038 EA 72" x 72", >850 LB Cast Iron Tree Grate With Frame For >3 To 9, Deduct For >9, Deduct	2,516.19 -165.14 -341.29	157.15

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 Exterior Improvements**32 90 Planting****32 94 Planting Accessories**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,113.03	73.95
		For >3 To 9, Deduct	-72.38	
		For >9, Deduct	-149.59	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,134.47	73.95
		For >3 To 9, Deduct	-73.99	
		For >9, Deduct	-152.92	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	1,387.34	92.45
		For >3 To 9, Deduct	-90.18	
		For >9, Deduct	-186.38	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	1,626.12	92.45
		For >3 To 9, Deduct	-108.09	
		For >9, Deduct	-223.39	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	1,729.06	92.45
		For >3 To 9, Deduct	-115.81	
		For >9, Deduct	-239.35	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	2,330.32	157.15
		For >3 To 9, Deduct	-151.20	
		For >9, Deduct	-312.48	

32 94 49 Plant And Tree Accessories (32 94)**32 94 49 00-0001 Tree Guying (32 94 49)****32 94 49 00-0002 Tree Guying, Stakes (32 94 49 00-0001)**

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	20.40	
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	36.08	
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	62.05	

32 94 49 00-0006 Tree Guying, Anchors (32 94 49 00-0001)

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	86.12	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	116.21	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	148.99	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	192.25	

32 94 49 00-0011 Tree Wrap (32 94 49)

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	5.43	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	8.96	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	17.59	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	26.81	

32 94 49 00-0016 Tree Guards (32 94 49)

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	9.25	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	8.48	

32 94 49 00-0019 Stake Out Tree And Shrub Locations (32 94 49)

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	5.61	
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32 94 49 00-0021 Root Barriers (32 94 49)

32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joinder	8.27	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joinder	11.42	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joinder	13.41	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joinder	24.48	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joinder	33.58	

32 96 Transplanting (32 96)

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate (32 96 33)

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	62.59	
		For >25 To 50, Deduct	-6.26	
		For >50, Deduct	-9.39	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	84.68	
		For >25 To 50, Deduct	-8.47	
		For >50, Deduct	-12.70	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	143.58	
		For >25 To 50, Deduct	-14.36	
		For >50, Deduct	-21.54	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	220.90	
		For >25 To 50, Deduct	-22.09	
		For >50, Deduct	-33.14	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 96 43 Tree Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate (32 96 43)

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0802 for crane lifting equipment, 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site.....	237.69
		<i>For >5 To 10, Deduct</i>	-11.88
		<i>For >10 To 20, Deduct</i>	-23.77
		<i>For >20, Deduct</i>	-35.65
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site.....	325.99
		<i>For >5 To 10, Deduct</i>	-16.30
		<i>For >10 To 20, Deduct</i>	-32.60
		<i>For >20, Deduct</i>	-48.90
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site.....	528.21
		<i>For >5 To 10, Deduct</i>	-26.41
		<i>For >10 To 20, Deduct</i>	-52.82
		<i>For >20, Deduct</i>	-79.23
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site.....	877.64
		<i>For >5 To 10, Deduct</i>	-43.88
		<i>For >10 To 20, Deduct</i>	-87.76
		<i>For >20, Deduct</i>	-131.65
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site.....	1,426.18
		<i>For >5 To 10, Deduct</i>	-71.31
		<i>For >10 To 20, Deduct</i>	-142.62
		<i>For >20, Deduct</i>	-213.93
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site.....	1,840.22
		<i>For >5 To 10, Deduct</i>	-92.01
		<i>For >10 To 20, Deduct</i>	-184.02
		<i>For >20, Deduct</i>	-276.03
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site.....	2,376.95
		<i>For >5 To 10, Deduct</i>	-118.85
		<i>For >10 To 20, Deduct</i>	-237.70
		<i>For >20, Deduct</i>	-356.54
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site.....	2,852.34
		<i>For >5 To 10, Deduct</i>	-142.62
		<i>For >10 To 20, Deduct</i>	-285.23
		<i>For >20, Deduct</i>	-427.85
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site.....	3,241.30
		<i>For >5 To 10, Deduct</i>	-162.07
		<i>For >10 To 20, Deduct</i>	-324.13
		<i>For >20, Deduct</i>	-486.20

END OF SECTION 32

32 Exterior Improvements

32 90 Planting

32 96 Transplanting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

33 01 Operation And Maintenance Of Utilities ⁽³³⁾

33 01 10 Operation And Maintenance Of Water Utilities ^(33 01)

33 01 10 54 Cleaning of Water Utility Piping ^(33 01 10)

See CSI section 33 01 30 41-0006 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems ^(33 01 10)

33 01 10 58-0001 Water Main Disinfection/Sterilization ^(33 01 10 58)

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	833.81	
33 01 10 58-0003	EA Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	416.90	
33 01 10 58-0004	LF Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.31	
	<i>For >250 To 500, Deduct</i>	-0.02	
	<i>For >500 To 1,000, Deduct</i>	-0.03	
	<i>For >1,000 To 2,000, Deduct</i>	-0.05	
	<i>For >2,000 To 5,000, Deduct</i>	-0.06	
	<i>For >5,000, Deduct</i>	-0.08	
33 01 10 58-0005	LF 6" Diameter Pipe Water Main Disinfection/Sterilization	0.48	
	<i>For >250 To 500, Deduct</i>	-0.02	
	<i>For >500 To 1,000, Deduct</i>	-0.05	
	<i>For >1,000 To 2,000, Deduct</i>	-0.07	
	<i>For >2,000 To 5,000, Deduct</i>	-0.10	
	<i>For >5,000, Deduct</i>	-0.12	
33 01 10 58-0006	LF 8" Diameter Pipe Water Main Disinfection/Sterilization	0.63	
	<i>For >250 To 500, Deduct</i>	-0.03	
	<i>For >500 To 1,000, Deduct</i>	-0.06	
	<i>For >1,000 To 2,000, Deduct</i>	-0.09	
	<i>For >2,000 To 5,000, Deduct</i>	-0.13	
	<i>For >5,000, Deduct</i>	-0.16	
33 01 10 58-0007	LF 10" Diameter Pipe Water Main Disinfection/Sterilization	0.74	
	<i>For >250 To 500, Deduct</i>	-0.04	
	<i>For >500 To 1,000, Deduct</i>	-0.07	
	<i>For >1,000 To 2,000, Deduct</i>	-0.11	
	<i>For >2,000 To 5,000, Deduct</i>	-0.15	
	<i>For >5,000, Deduct</i>	-0.19	
33 01 10 58-0008	LF 12" Diameter Pipe Water Main Disinfection/Sterilization	0.96	
	<i>For >250 To 500, Deduct</i>	-0.05	
	<i>For >500 To 1,000, Deduct</i>	-0.10	
	<i>For >1,000 To 2,000, Deduct</i>	-0.14	
	<i>For >2,000 To 5,000, Deduct</i>	-0.19	
	<i>For >5,000, Deduct</i>	-0.24	
33 01 10 58-0009	LF >12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.09	
	<i>For >250 To 500, Deduct</i>	-0.05	
	<i>For >500 To 1,000, Deduct</i>	-0.11	
	<i>For >1,000 To 2,000, Deduct</i>	-0.16	
	<i>For >2,000 To 5,000, Deduct</i>	-0.22	
	<i>For >5,000, Deduct</i>	-0.27	
33 01 10 58-0010	LF >16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.25	
	<i>For >250 To 500, Deduct</i>	-0.06	
	<i>For >500 To 1,000, Deduct</i>	-0.13	
	<i>For >1,000 To 2,000, Deduct</i>	-0.19	
	<i>For >2,000 To 5,000, Deduct</i>	-0.25	
	<i>For >5,000, Deduct</i>	-0.31	
33 01 10 58-0011	LF >24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.47	
	<i>For >250 To 500, Deduct</i>	-0.07	
	<i>For >500 To 1,000, Deduct</i>	-0.15	
	<i>For >1,000 To 2,000, Deduct</i>	-0.22	
	<i>For >2,000 To 5,000, Deduct</i>	-0.29	
	<i>For >5,000, Deduct</i>	-0.37	
33 01 10 58-0012	LF >30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	1.89	
	<i>For >250 To 500, Deduct</i>	-0.09	
	<i>For >500 To 1,000, Deduct</i>	-0.19	
	<i>For >1,000 To 2,000, Deduct</i>	-0.28	
	<i>For >2,000 To 5,000, Deduct</i>	-0.38	
	<i>For >5,000, Deduct</i>	-0.47	
33 01 10 58-0013	LF >42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	2.78	
	<i>For >250 To 500, Deduct</i>	-0.14	
	<i>For >500 To 1,000, Deduct</i>	-0.28	
	<i>For >1,000 To 2,000, Deduct</i>	-0.42	
	<i>For >2,000 To 5,000, Deduct</i>	-0.56	
	<i>For >5,000, Deduct</i>	-0.70	
33 01 10 58-0014	LF >60" Diameter Pipe Water Main Disinfection/Sterilization	3.85	
	<i>For >250 To 500, Deduct</i>	-0.19	
	<i>For >500 To 1,000, Deduct</i>	-0.39	
	<i>For >1,000 To 2,000, Deduct</i>	-0.58	
	<i>For >2,000 To 5,000, Deduct</i>	-0.77	
	<i>For >5,000, Deduct</i>	-0.96	

33 01 10 71 Relining Water Utilities Pipelines ^(33 01 10)

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 01 10 71-0001 Relining Underground Water Pipelines ^(33 01 10 71)

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 10 Operation And Maintenance Of Water Utilities

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 10 71-0002 Relining Underground Water Pipelines Set-Up And Reinsertion <small>(33 01 10 71-0001)</small>			
33 01 10 71-0003	EA Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	4,202.56	
33 01 10 71-0004	EA Move And Reset Up At Different Access/Location	1,681.02	
33 01 10 71-0005 Lining Pipe With Cement <small>(33 01 10 71-0001)</small>			
33 01 10 71-0006	LF Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement.....	52.91	
	For 3/16" Thickness, Add	0.58	
	For 1/4" Thickness, Add	1.16	
33 01 10 71-0007	LF >500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	47.07	
	For 3/16" Thickness, Add	0.58	
	For 1/4" Thickness, Add	1.16	
33 01 10 71-0008	LF >1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	39.24	
	For 3/16" Thickness, Add	0.58	
	For 1/4" Thickness, Add	1.16	
33 01 10 71-0009	LF >5,000', 4" Pipe, 1/8" Pipe Lining With Cement	29.41	
	For 3/16" Thickness, Add	0.58	
	For 1/4" Thickness, Add	1.16	
33 01 10 71-0010	LF Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement.....	54.83	
	For 3/16" Thickness, Add	0.87	
	For 1/4" Thickness, Add	1.73	
33 01 10 71-0011	LF >500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	48.76	
	For 3/16" Thickness, Add	0.87	
	For 1/4" Thickness, Add	1.73	
33 01 10 71-0012	LF >1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	40.66	
	For 3/16" Thickness, Add	0.87	
	For 1/4" Thickness, Add	1.73	
33 01 10 71-0013	LF >5,000', 6" Pipe, 1/8" Pipe Lining With Cement	30.69	
	For 3/16" Thickness, Add	0.87	
	For 1/4" Thickness, Add	1.73	
33 01 10 71-0014	LF Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement.....	56.66	
	For 3/16" Thickness, Add	1.16	
	For 1/4" Thickness, Add	2.31	
33 01 10 71-0015	LF >500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	50.46	
	For 3/16" Thickness, Add	1.16	
	For 1/4" Thickness, Add	2.31	
33 01 10 71-0016	LF >1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	42.09	
	For 3/16" Thickness, Add	1.16	
	For 1/4" Thickness, Add	2.31	
33 01 10 71-0017	LF >5,000', 8" Pipe, 1/8" Pipe Lining With Cement	31.99	
	For 3/16" Thickness, Add	1.16	
	For 1/4" Thickness, Add	2.31	
33 01 10 71-0018	LF Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement.....	58.00	
	For 3/16" Thickness, Add	1.45	
	For 1/4" Thickness, Add	2.89	
33 01 10 71-0019	LF >500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	51.70	
	For 3/16" Thickness, Add	1.45	
	For 1/4" Thickness, Add	2.89	
33 01 10 71-0020	LF >1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	43.21	
	For 3/16" Thickness, Add	1.45	
	For 1/4" Thickness, Add	2.89	
33 01 10 71-0021	LF >5,000', 10" Pipe, 1/8" Pipe Lining With Cement	33.28	
	For 3/16" Thickness, Add	1.45	
	For 1/4" Thickness, Add	2.89	
33 01 10 71-0022	LF Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement.....	62.56	
	For 3/16" Thickness, Add	1.74	
	For 1/4" Thickness, Add	3.47	
33 01 10 71-0023	LF >500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	55.86	
	For 3/16" Thickness, Add	1.74	
	For 1/4" Thickness, Add	3.47	
33 01 10 71-0024	LF >1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	46.82	
	For 3/16" Thickness, Add	1.74	
	For 1/4" Thickness, Add	3.47	
33 01 10 71-0025	LF >5,000', 12" Pipe, 1/8" Pipe Lining With Cement	36.09	
	For 3/16" Thickness, Add	1.74	
	For 1/4" Thickness, Add	3.47	
33 01 10 71-0026	LF Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....	66.66	
	For 1/4" Thickness, Add	1.93	
	For 5/16" Thickness, Add	3.86	
33 01 10 71-0027	LF >500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....	59.73	
	For 1/4" Thickness, Add	1.93	
	For 5/16" Thickness, Add	3.86	
33 01 10 71-0028	LF >1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....	50.31	
	For 1/4" Thickness, Add	1.93	
	For 5/16" Thickness, Add	3.86	
33 01 10 71-0029	LF >5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....	40.03	
	For 1/4" Thickness, Add	1.93	
	For 5/16" Thickness, Add	3.86	
33 01 10 71-0030	LF Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	69.59	
	For 1/4" Thickness, Add	2.31	
	For 5/16" Thickness, Add	4.62	
33 01 10 71-0031	LF >500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	62.44	
	For 1/4" Thickness, Add	2.31	
	For 5/16" Thickness, Add	4.62	
33 01 10 71-0032	LF >1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	52.70	
	For 1/4" Thickness, Add	2.31	
	For 5/16" Thickness, Add	4.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	42.95	
			For 1/4" Thickness, Add	2.31	
			For 5/16" Thickness, Add	4.62	
33 01	10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	73.35	
			For 1/4" Thickness, Add	2.70	
			For 5/16" Thickness, Add	5.39	
33 01	10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	65.94	
			For 1/4" Thickness, Add	2.70	
			For 5/16" Thickness, Add	5.39	
33 01	10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	55.74	
			For 1/4" Thickness, Add	2.70	
			For 5/16" Thickness, Add	5.39	
33 01	10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	46.62	
			For 1/4" Thickness, Add	2.70	
			For 5/16" Thickness, Add	5.39	
33 01	10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement.....	77.19	
			For 1/4" Thickness, Add	3.08	
			For 5/16" Thickness, Add	6.17	
33 01	10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	69.47	
			For 1/4" Thickness, Add	3.08	
			For 5/16" Thickness, Add	6.17	
33 01	10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	58.96	
			For 1/4" Thickness, Add	3.08	
			For 5/16" Thickness, Add	6.17	
33 01	10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	50.46	
			For 1/4" Thickness, Add	3.08	
			For 5/16" Thickness, Add	6.17	
33 01	10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement.....	82.09	
			For 1/4" Thickness, Add	3.85	
			For 5/16" Thickness, Add	7.71	
33 01	10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	73.93	
			For 1/4" Thickness, Add	3.85	
			For 5/16" Thickness, Add	7.71	
33 01	10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	62.78	
			For 1/4" Thickness, Add	3.85	
			For 5/16" Thickness, Add	7.71	
33 01	10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	54.20	
			For 1/4" Thickness, Add	3.85	
			For 5/16" Thickness, Add	7.71	
33 01	10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement.....	86.92	
			For 1/4" Thickness, Add	4.63	
			For 5/16" Thickness, Add	9.25	
33 01	10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	78.39	
			For 1/4" Thickness, Add	4.63	
			For 5/16" Thickness, Add	9.25	
33 01	10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	66.62	
			For 1/4" Thickness, Add	4.63	
			For 5/16" Thickness, Add	9.25	
33 01	10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	57.95	
			For 1/4" Thickness, Add	4.63	
			For 5/16" Thickness, Add	9.25	
33 01	10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement.....	104.10	
			For 3/8" Thickness, Add	12.14	
			For 7/16" Thickness, Add	18.21	
33 01	10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	94.82	
			For 3/8" Thickness, Add	12.14	
			For 7/16" Thickness, Add	18.21	
33 01	10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	82.03	
			For 3/8" Thickness, Add	12.14	
			For 7/16" Thickness, Add	18.21	
33 01	10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	73.09	
			For 3/8" Thickness, Add	12.14	
			For 7/16" Thickness, Add	18.21	
33 01	10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement.....	114.28	
			For 3/8" Thickness, Add	13.88	
			For 7/16" Thickness, Add	20.81	
33 01	10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	104.35	
			For 3/8" Thickness, Add	13.88	
			For 7/16" Thickness, Add	20.81	
33 01	10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	90.60	
			For 3/8" Thickness, Add	13.88	
			For 7/16" Thickness, Add	20.81	
33 01	10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	81.48	
			For 3/8" Thickness, Add	13.88	
			For 7/16" Thickness, Add	20.81	
33 01	10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement.....	119.35	
			For 3/8" Thickness, Add	15.61	
			For 7/16" Thickness, Add	23.41	
33 01	10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement.....	109.20	
			For 3/8" Thickness, Add	15.61	
			For 7/16" Thickness, Add	23.41	
33 01	10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement.....	95.13	
			For 3/8" Thickness, Add	15.61	
			For 7/16" Thickness, Add	23.41	
33 01	10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement.....	86.36	
			For 3/8" Thickness, Add	15.61	
			For 7/16" Thickness, Add	23.41	
33 01	10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement.....	124.44	
			For 3/8" Thickness, Add	17.35	
			For 7/16" Thickness, Add	26.02	

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 10 Operation And Maintenance Of Water Utilities



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	114.11 17.35 26.02	
33 01	10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	99.77 17.35 26.02	
33 01	10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	91.28 17.35 26.02	
33 01	10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	129.78 19.08 28.62	
33 01	10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	119.24 19.08 28.62	
33 01	10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	104.67 19.08 28.62	
33 01	10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	96.81 19.08 28.62	
33 01	10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	135.49 20.82 31.22	
33 01	10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	124.76 20.82 31.22	
33 01	10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	109.84 20.82 31.22	
33 01	10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	102.42 20.82 31.22	

33 01 30 Operation And Maintenance Of Sewer Utilities (33 01)

33 01 30 11 Television Inspection Of Pipelines (33 01 30)

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts (33 01 30 11)

33 01 30 11-0002 Video Camera Set-up (33 01 30 11-0001)

33 01	30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	713.70	
33 01	30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,427.41	
33 01	30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,141.11	
33 01	30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	356.85	
33 01	30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	713.70	

33 01 30 11-0008 Video Camera Planning And Analysis Inspection (33 01 30 11-0001)

Note: For pipe interior and culverts.

33 01	30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	1.80	
			<i>For >500 To 1,000, Deduct</i>	-0.18	
			<i>For >1,000 To 5,000, Deduct</i>	-0.45	
			<i>For >5,000, Deduct</i>	-0.63	
33 01	30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.41	
			<i>For >500 To 1,000, Deduct</i>	-0.24	
			<i>For >1,000 To 5,000, Deduct</i>	-0.60	
			<i>For >5,000, Deduct</i>	-0.84	
33 01	30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.02	
			<i>For >500 To 1,000, Deduct</i>	-0.30	
			<i>For >1,000 To 5,000, Deduct</i>	-0.76	
			<i>For >5,000, Deduct</i>	-1.06	
33 01	30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	4.02	
			<i>For >500 To 1,000, Deduct</i>	-0.40	
			<i>For >1,000 To 5,000, Deduct</i>	-1.01	
			<i>For >5,000, Deduct</i>	-1.41	
33 01	30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.66	
			<i>For >500 To 1,000, Deduct</i>	-0.57	
			<i>For >1,000 To 5,000, Deduct</i>	-1.42	
			<i>For >5,000, Deduct</i>	-1.98	
33 01	30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	7.54	
			<i>For >500 To 1,000, Deduct</i>	-0.75	
			<i>For >1,000 To 5,000, Deduct</i>	-1.89	
			<i>For >5,000, Deduct</i>	-2.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01 30 11-0015	LF		>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase..... Note: CCTV inspection of pipe interior.	10.64	
			<i>For >500 To 1,000, Deduct</i>	-1.06	
			<i>For >1,000 To 5,000, Deduct</i>	-2.66	
			<i>For >5,000, Deduct</i>	-3.72	
33 01 30 11-0016	LF		>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase..... Note: CCTV inspection of pipe interior.	15.07	
			<i>For >500 To 1,000, Deduct</i>	-1.51	
			<i>For >1,000 To 5,000, Deduct</i>	-3.77	
			<i>For >5,000, Deduct</i>	-5.27	
33 01 30 11-0017			Video Camera Pre-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0018	LF		4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase..... Note: CCTV inspection of pipe interior.	2.68	
			<i>For >500 To 1,000, Deduct</i>	-0.27	
			<i>For >1,000 To 5,000, Deduct</i>	-0.67	
			<i>For >5,000, Deduct</i>	-0.94	
33 01 30 11-0019	LF		>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.57	
			<i>For >500 To 1,000, Deduct</i>	-0.36	
			<i>For >1,000 To 5,000, Deduct</i>	-0.89	
			<i>For >5,000, Deduct</i>	-1.25	
33 01 30 11-0020	LF		>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	4.46	
			<i>For >500 To 1,000, Deduct</i>	-0.45	
			<i>For >1,000 To 5,000, Deduct</i>	-1.12	
			<i>For >5,000, Deduct</i>	-1.56	
33 01 30 11-0021	LF		>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.94	
			<i>For >500 To 1,000, Deduct</i>	-0.59	
			<i>For >1,000 To 5,000, Deduct</i>	-1.49	
			<i>For >5,000, Deduct</i>	-2.08	
33 01 30 11-0022	LF		>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	8.36	
			<i>For >500 To 1,000, Deduct</i>	-0.84	
			<i>For >1,000 To 5,000, Deduct</i>	-2.09	
			<i>For >5,000, Deduct</i>	-2.93	
33 01 30 11-0023	LF		>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	11.16	
			<i>For >500 To 1,000, Deduct</i>	-1.12	
			<i>For >1,000 To 5,000, Deduct</i>	-2.79	
			<i>For >5,000, Deduct</i>	-3.91	
33 01 30 11-0024	LF		>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	15.74	
			<i>For >500 To 1,000, Deduct</i>	-1.57	
			<i>For >1,000 To 5,000, Deduct</i>	-3.94	
			<i>For >5,000, Deduct</i>	-5.51	
33 01 30 11-0025	LF		>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	22.30	
			<i>For >500 To 1,000, Deduct</i>	-2.23	
			<i>For >1,000 To 5,000, Deduct</i>	-5.58	
			<i>For >5,000, Deduct</i>	-7.81	
33 01 30 11-0026			Video Camera Post-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0027	LF		4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior.	1.91	
			<i>For >500 To 1,000, Deduct</i>	-0.19	
			<i>For >1,000 To 5,000, Deduct</i>	-0.48	
			<i>For >5,000, Deduct</i>	-0.67	
33 01 30 11-0028	LF		>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase..... Note: CCTV inspection of pipe interior.	2.55	
			<i>For >500 To 1,000, Deduct</i>	-0.26	
			<i>For >1,000 To 5,000, Deduct</i>	-0.64	
			<i>For >5,000, Deduct</i>	-0.89	
33 01 30 11-0029	LF		>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.19	
			<i>For >500 To 1,000, Deduct</i>	-0.32	
			<i>For >1,000 To 5,000, Deduct</i>	-0.80	
			<i>For >5,000, Deduct</i>	-1.12	
33 01 30 11-0030	LF		>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	4.25	
			<i>For >500 To 1,000, Deduct</i>	-0.43	
			<i>For >1,000 To 5,000, Deduct</i>	-1.06	
			<i>For >5,000, Deduct</i>	-1.49	
33 01 30 11-0031	LF		>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.98	
			<i>For >500 To 1,000, Deduct</i>	-0.60	
			<i>For >1,000 To 5,000, Deduct</i>	-1.50	
			<i>For >5,000, Deduct</i>	-2.09	
33 01 30 11-0032	LF		>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	7.97	
			<i>For >500 To 1,000, Deduct</i>	-0.80	
			<i>For >1,000 To 5,000, Deduct</i>	-1.99	
			<i>For >5,000, Deduct</i>	-2.79	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 11-0033	LF >60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....		11.24
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct	-1.12	
	For >1,000 To 5,000, Deduct	-2.81	
	For >5,000, Deduct	-3.93	
33 01 30 11-0034	LF >72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....		15.93
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct	-1.59	
	For >1,000 To 5,000, Deduct	-3.98	
	For >5,000, Deduct	-5.58	
33 01 30 41 Cleaning of Sewers (33 01 30)			
33 01 30 41-0001	Pipe Line Cleaning And Flushing (33 01 30 41)		
	Note: Includes flushing. Owner provided water.		
33 01 30 41-0002	Pipe Line Cleaning (33 01 30 41-0001)		
	Note: Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0003	Hydro Jet Set-up And Reinsertion (33 01 30 41-0002)		
33 01 30 41-0004	EA Initial Set Up And Final Equipment Removal For Jet Cleaning.....		2,264.14
33 01 30 41-0005	EA Move And Reset Up At Different Access/Location For Jet Cleaning.....		566.04
33 01 30 41-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines (33 01 30 41-0002)			
33 01 30 41-0007	LF Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		3.04
	For >250 To 500, Deduct	-0.15	
	For >500 To 1,000, Deduct	-0.30	
	For >1,000 To 2,000, Deduct	-0.46	
	For >2,000 To 5,000, Deduct	-0.61	
	For >5,000, Deduct	-0.76	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	2.28	
33 01 30 41-0008	LF 6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		3.49
	For >250 To 500, Deduct	-0.17	
	For >500 To 1,000, Deduct	-0.35	
	For >1,000 To 2,000, Deduct	-0.52	
	For >2,000 To 5,000, Deduct	-0.70	
	For >5,000, Deduct	-0.87	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	2.62	
33 01 30 41-0009	LF 8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		4.10
	For >250 To 500, Deduct	-0.21	
	For >500 To 1,000, Deduct	-0.41	
	For >1,000 To 2,000, Deduct	-0.62	
	For >2,000 To 5,000, Deduct	-0.82	
	For >5,000, Deduct	-1.03	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.08	
33 01 30 41-0010	LF 10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		5.07
	For >250 To 500, Deduct	-0.25	
	For >500 To 1,000, Deduct	-0.51	
	For >1,000 To 2,000, Deduct	-0.76	
	For >2,000 To 5,000, Deduct	-1.01	
	For >5,000, Deduct	-1.27	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.80	
33 01 30 41-0011	LF 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		5.75
	For >250 To 500, Deduct	-0.29	
	For >500 To 1,000, Deduct	-0.58	
	For >1,000 To 2,000, Deduct	-0.86	
	For >2,000 To 5,000, Deduct	-1.15	
	For >5,000, Deduct	-1.44	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	4.31	
33 01 30 41-0012	LF >12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		6.65
	For >250 To 500, Deduct	-0.33	
	For >500 To 1,000, Deduct	-0.67	
	For >1,000 To 2,000, Deduct	-1.00	
	For >2,000 To 5,000, Deduct	-1.33	
	For >5,000, Deduct	-1.66	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	4.99	
33 01 30 41-0013	LF >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		7.99
	For >250 To 500, Deduct	-0.40	
	For >500 To 1,000, Deduct	-0.80	
	For >1,000 To 2,000, Deduct	-1.20	
	For >2,000 To 5,000, Deduct	-1.60	
	For >5,000, Deduct	-2.00	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	5.99	
33 01 30 41-0014	LF >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		9.07
	For >250 To 500, Deduct	-0.45	
	For >500 To 1,000, Deduct	-0.91	
	For >1,000 To 2,000, Deduct	-1.36	
	For >2,000 To 5,000, Deduct	-1.81	
	For >5,000, Deduct	-2.27	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	6.80	
33 01 30 41-0015	LF >30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....		10.72
	For >250 To 500, Deduct	-0.54	
	For >500 To 1,000, Deduct	-1.07	
	For >1,000 To 2,000, Deduct	-1.61	
	For >2,000 To 5,000, Deduct	-2.14	
	For >5,000, Deduct	-2.68	
	For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	8.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0016 LF >42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	13.47	
For >250 To 500, Deduct	-0.67	
For >500 To 1,000, Deduct	-1.35	
For >1,000 To 2,000, Deduct	-2.02	
For >2,000 To 5,000, Deduct	-2.69	
For >5,000, Deduct	-3.37	
For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	10.10	
33 01 30 41-0017 LF >60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	15.72	
For >250 To 500, Deduct	-0.79	
For >500 To 1,000, Deduct	-1.57	
For >1,000 To 2,000, Deduct	-2.36	
For >2,000 To 5,000, Deduct	-3.14	
For >5,000, Deduct	-3.93	
For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	11.79	
33 01 30 41-0018 Flushing Of Storm Water Pipelines (33 01 30 41-0002)		
Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.		
33 01 30 41-0019 LF 12" To 16" Diameter Pipe Line Flushing	1.18	
For >250 To 500, Deduct	-0.06	
For >500 To 1,000, Deduct	-0.12	
For >1,000 To 2,000, Deduct	-0.18	
For >2,000 To 5,000, Deduct	-0.24	
For >5,000, Deduct	-0.30	
33 01 30 41-0020 LF >16" To 24" Diameter Pipe Line Flushing	1.35	
For >250 To 500, Deduct	-0.07	
For >500 To 1,000, Deduct	-0.14	
For >1,000 To 2,000, Deduct	-0.20	
For >2,000 To 5,000, Deduct	-0.27	
For >5,000, Deduct	-0.34	
33 01 30 41-0021 LF >24" To 30" Diameter Pipe Line Flushing	1.59	
For >250 To 500, Deduct	-0.08	
For >500 To 1,000, Deduct	-0.16	
For >1,000 To 2,000, Deduct	-0.24	
For >2,000 To 5,000, Deduct	-0.32	
For >5,000, Deduct	-0.40	
33 01 30 41-0022 LF >30" To 42" Diameter Pipe Line Flushing	1.84	
For >250 To 500, Deduct	-0.09	
For >500 To 1,000, Deduct	-0.18	
For >1,000 To 2,000, Deduct	-0.28	
For >2,000 To 5,000, Deduct	-0.37	
For >5,000, Deduct	-0.46	
33 01 30 41-0023 LF >42" To 60" Diameter Pipe Line Flushing	2.45	
For >250 To 500, Deduct	-0.12	
For >500 To 1,000, Deduct	-0.25	
For >1,000 To 2,000, Deduct	-0.37	
For >2,000 To 5,000, Deduct	-0.49	
For >5,000, Deduct	-0.61	
33 01 30 41-0024 Hydro Jet Cleaning Of Culverts (33 01 30 41-0002)		
33 01 30 41-0025 LF Jet Cleaning Of Culvert, 0-250 LF	14.08	
For >250 To 500, Deduct	-0.70	
For >500 To 1,000, Deduct	-1.41	
For >1,000 To 2,000, Deduct	-2.11	
For >2,000 To 5,000, Deduct	-2.82	
For >5,000, Deduct	-3.52	
33 01 30 41-0026 Pipe Line Cleaning, Mechanical Method (33 01 30 41-0001)		
Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0027 EA Initial Set Up And Final Equipment Removal For Mechanical Cleaning.....	1,000.56	
33 01 30 41-0028 EA Move And Reset Up At Different Access/Location.....	333.52	
33 01 30 41-0029 LF Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	5.73	
For >250 To 500, Deduct	-0.28	
For >500 To 1,000, Deduct	-0.56	
For >1,000 To 2,000, Deduct	-0.83	
For >2,000 To 5,000, Deduct	-1.11	
For >5,000, Deduct	-1.39	
33 01 30 41-0030 LF 6" Diameter Pipe Line Cleaning, Mechanical Method.....	7.50	
For >250 To 500, Deduct	-0.36	
For >500 To 1,000, Deduct	-0.72	
For >1,000 To 2,000, Deduct	-1.07	
For >2,000 To 5,000, Deduct	-1.43	
For >5,000, Deduct	-1.79	
33 01 30 41-0031 LF 8" Diameter Pipe Line Cleaning, Mechanical Method.....	8.77	
For >250 To 500, Deduct	-0.42	
For >500 To 1,000, Deduct	-0.83	
For >1,000 To 2,000, Deduct	-1.25	
For >2,000 To 5,000, Deduct	-1.67	
For >5,000, Deduct	-2.09	
33 01 30 41-0032 LF 10" Diameter Pipe Line Cleaning, Mechanical Method	10.14	
For >250 To 500, Deduct	-0.48	
For >500 To 1,000, Deduct	-0.96	
For >1,000 To 2,000, Deduct	-1.44	
For >2,000 To 5,000, Deduct	-1.92	
For >5,000, Deduct	-2.41	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 01 30 41-0033	LF	12" Diameter Pipe Line Cleaning, Mechanical Method.....			11.03
		<i>For >250 To 500, Deduct</i>	-0.52		
		<i>For >500 To 1,000, Deduct</i>	-1.04		
		<i>For >1,000 To 2,000, Deduct</i>	-1.56		
		<i>For >2,000 To 5,000, Deduct</i>	-2.08		
		<i>For >5,000, Deduct</i>	-2.61		
33 01 30 41-0034	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method.....			12.69
		<i>For >250 To 500, Deduct</i>	-0.60		
		<i>For >500 To 1,000, Deduct</i>	-1.19		
		<i>For >1,000 To 2,000, Deduct</i>	-1.79		
		<i>For >2,000 To 5,000, Deduct</i>	-2.38		
		<i>For >5,000, Deduct</i>	-2.98		
33 01 30 41-0035	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method.....			15.92
		<i>For >250 To 500, Deduct</i>	-0.74		
		<i>For >500 To 1,000, Deduct</i>	-1.47		
		<i>For >1,000 To 2,000, Deduct</i>	-2.21		
		<i>For >2,000 To 5,000, Deduct</i>	-2.94		
		<i>For >5,000, Deduct</i>	-3.68		
33 01 30 41-0036	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method.....			18.13
		<i>For >250 To 500, Deduct</i>	-0.82		
		<i>For >500 To 1,000, Deduct</i>	-1.64		
		<i>For >1,000 To 2,000, Deduct</i>	-2.46		
		<i>For >2,000 To 5,000, Deduct</i>	-3.28		
		<i>For >5,000, Deduct</i>	-4.10		
33 01 30 41-0037	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method.....			21.05
		<i>For >250 To 500, Deduct</i>	-0.94		
		<i>For >500 To 1,000, Deduct</i>	-1.89		
		<i>For >1,000 To 2,000, Deduct</i>	-2.83		
		<i>For >2,000 To 5,000, Deduct</i>	-3.78		
		<i>For >5,000, Deduct</i>	-4.72		
33 01 30 41-0038	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method.....			27.61
		<i>For >250 To 500, Deduct</i>	-1.25		
		<i>For >500 To 1,000, Deduct</i>	-2.50		
		<i>For >1,000 To 2,000, Deduct</i>	-3.75		
		<i>For >2,000 To 5,000, Deduct</i>	-5.00		
		<i>For >5,000, Deduct</i>	-6.25		
33 01 30 41-0039	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method.....			31.25
		<i>For >250 To 500, Deduct</i>	-1.39		
		<i>For >500 To 1,000, Deduct</i>	-2.78		
		<i>For >1,000 To 2,000, Deduct</i>	-4.17		
		<i>For >2,000 To 5,000, Deduct</i>	-5.56		
		<i>For >5,000, Deduct</i>	-6.95		
33 01 30 41-0040		Pipe Line Auguring/Rod Out Pipe (33 01 30 41-0001)			
33 01 30 41-0041	EA	Initial Set Up And Final Equipment Removal For Auguring.....			1,000.56
33 01 30 41-0042	EA	Move And Reset Up At Different Location			333.52
33 01 30 41-0043	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out.....			3.33
		<i>For >250 To 500, Deduct</i>	-0.17		
		<i>For >500 To 1,000, Deduct</i>	-0.33		
		<i>For >1,000 To 2,000, Deduct</i>	-0.50		
		<i>For >2,000 To 5,000, Deduct</i>	-0.67		
		<i>For >5,000, Deduct</i>	-0.83		
33 01 30 41-0044	LF	6" Diameter Pipe Line Auguring/Rod Out.....			4.32
		<i>For >250 To 500, Deduct</i>	-0.22		
		<i>For >500 To 1,000, Deduct</i>	-0.43		
		<i>For >1,000 To 2,000, Deduct</i>	-0.65		
		<i>For >2,000 To 5,000, Deduct</i>	-0.86		
		<i>For >5,000, Deduct</i>	-1.08		
33 01 30 41-0045	LF	8" Diameter Pipe Line Auguring/Rod Out.....			5.00
		<i>For >250 To 500, Deduct</i>	-0.25		
		<i>For >500 To 1,000, Deduct</i>	-0.50		
		<i>For >1,000 To 2,000, Deduct</i>	-0.75		
		<i>For >2,000 To 5,000, Deduct</i>	-1.00		
		<i>For >5,000, Deduct</i>	-1.25		
33 01 30 41-0046	LF	10" Diameter Pipe Line Auguring/Rod Out.....			5.82
		<i>For >250 To 500, Deduct</i>	-0.29		
		<i>For >500 To 1,000, Deduct</i>	-0.58		
		<i>For >1,000 To 2,000, Deduct</i>	-0.87		
		<i>For >2,000 To 5,000, Deduct</i>	-1.16		
		<i>For >5,000, Deduct</i>	-1.46		
33 01 30 41-0047	LF	12" Diameter Pipe Line Auguring/Rod Out.....			6.25
		<i>For >250 To 500, Deduct</i>	-0.31		
		<i>For >500 To 1,000, Deduct</i>	-0.63		
		<i>For >1,000 To 2,000, Deduct</i>	-0.94		
		<i>For >2,000 To 5,000, Deduct</i>	-1.25		
		<i>For >5,000, Deduct</i>	-1.56		
33 01 30 41-0048	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out			7.15
		<i>For >250 To 500, Deduct</i>	-0.36		
		<i>For >500 To 1,000, Deduct</i>	-0.72		
		<i>For >1,000 To 2,000, Deduct</i>	-1.07		
		<i>For >2,000 To 5,000, Deduct</i>	-1.43		
		<i>For >5,000, Deduct</i>	-1.79		
33 01 30 41-0049	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out			8.77
		<i>For >250 To 500, Deduct</i>	-0.44		
		<i>For >500 To 1,000, Deduct</i>	-0.88		
		<i>For >1,000 To 2,000, Deduct</i>	-1.32		
		<i>For >2,000 To 5,000, Deduct</i>	-1.75		
		<i>For >5,000, Deduct</i>	-2.19		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 41-0050	LF >24" To 30" Diameter Pipe Line Auguring/Rod Out.....	9.81	
	<i>For >250 To 500, Deduct</i>	-0.49	
	<i>For >500 To 1,000, Deduct</i>	-0.98	
	<i>For >1,000 To 2,000, Deduct</i>	-1.47	
	<i>For >2,000 To 5,000, Deduct</i>	-1.96	
	<i>For >5,000, Deduct</i>	-2.45	
33 01 30 41-0051	LF >30" To 42" Diameter Pipe Line Auguring/Rod Out.....	11.37	
	<i>For >250 To 500, Deduct</i>	-0.57	
	<i>For >500 To 1,000, Deduct</i>	-1.14	
	<i>For >1,000 To 2,000, Deduct</i>	-1.71	
	<i>For >2,000 To 5,000, Deduct</i>	-2.27	
	<i>For >5,000, Deduct</i>	-2.84	
33 01 30 41-0052	LF >42 To 60" Diameter Pipe Line Auguring/Rod Out.....	15.63	
	<i>For >250 To 500, Deduct</i>	-0.78	
	<i>For >500 To 1,000, Deduct</i>	-1.56	
	<i>For >1,000 To 2,000, Deduct</i>	-2.34	
	<i>For >2,000 To 5,000, Deduct</i>	-3.13	
	<i>For >5,000, Deduct</i>	-3.91	
33 01 30 41-0053	LF >60" Diameter Pipe Line Auguring/Rod Out.....	16.68	
	<i>For >250 To 500, Deduct</i>	-0.83	
	<i>For >500 To 1,000, Deduct</i>	-1.67	
	<i>For >1,000 To 2,000, Deduct</i>	-2.50	
	<i>For >2,000 To 5,000, Deduct</i>	-3.34	
	<i>For >5,000, Deduct</i>	-4.17	

33 01 30 42 Cleaning of Manholes (33 01 30)

33 01 30 42-0001 Structure Cleaning And Flushing (33 01 30 42)
 Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations (33 01 30 42-0001)

33 01 30 42-0003	EA Rod Out Waste Water Drain.....	44.69	
33 01 30 42-0004	EA Rod Out Sewer Catch Basin.....	89.39	
33 01 30 42-0005	EA Up To 6" Diameter Pipe, Rod Out Blockage.....	17.88	
33 01 30 42-0006	EA 8" Diameter Pipe, Rod Out Blockage.....	19.67	
33 01 30 42-0007	EA 10" Diameter Pipe, Rod Out Blockage.....	22.35	
33 01 30 42-0008	EA 12" Diameter Pipe, Rod Out Blockage.....	25.93	
33 01 30 42-0009	EA >12" To 16" Diameter Pipe, Rod Out Blockage.....	30.39	
33 01 30 42-0010	EA >16" To 24" Diameter Pipe, Rod Out Blockage.....	35.75	
33 01 30 42-0011	EA >24" To 30" Diameter Pipe, Rod Out Blockage.....	42.01	
33 01 30 42-0012	EA >30" To 42" Diameter Pipe, Rod Out Blockage.....	48.27	
33 01 30 42-0013	EA >42" To 60" Diameter Pipe, Rod Out Blockage.....	56.32	
33 01 30 42-0014	EA >60" Diameter Pipe, Rod Out Blockage.....	67.05	
33 01 30 42-0015	EA Clean Out Debris From Entrance To Inlet Structure.....	223.48	
33 01 30 42-0016	EA 3' To 4' Diameter, Clean Out Blocked Manhole By Hand.....	733.62	
	<i>For >10 To 100, Deduct</i>	-110.04	
	<i>For >100 To 250, Deduct</i>	-165.06	
	<i>For >250, Deduct</i>	-220.09	
33 01 30 42-0017	EA 5' To 6' Diameter, Clean Out Blocked Manhole By Hand.....	880.34	
	<i>For >10 To 100, Deduct</i>	-132.05	
	<i>For >100 To 250, Deduct</i>	-198.08	
	<i>For >250, Deduct</i>	-264.10	
33 01 30 42-0018	EA Clean Out Blocked Catch Basin By Hand.....	440.17	
	<i>For >10 To 100, Deduct</i>	-66.03	
	<i>For >100 To 250, Deduct</i>	-99.04	
	<i>For >250, Deduct</i>	-132.05	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum (33 01 30 42-0001)

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes.....	220.95	
33 01 30 42-0021	EA Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes.....	205.52	
33 01 30 42-0022	EA Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes.....	190.10	
33 01 30 42-0023	EA Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes.....	174.67	
33 01 30 42-0024	EA Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes.....	159.25	
33 01 30 42-0025	EA Jet/Vacuum Clean >250 Catch Basins Or Manholes.....	143.83	

33 01 30 51 Maintenance Of Utilities (33 01 30)

33 01 30 51-0001 Pipe Repair (33 01 30 51)

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band (33 01 30 51-0001)

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA 2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	119.40	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	19.70	
33 01 30 51-0004	EA 2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	169.98	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	29.69	
33 01 30 51-0005	EA 2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	196.51	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	34.96	
33 01 30 51-0006	EA 2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	223.96	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	40.22	
33 01 30 51-0007	EA 2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	128.80	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	21.39	
33 01 30 51-0008	EA 2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	180.69	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	31.68	

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 30 Operation And Maintenance Of Sewer Utilities

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0009 EA 2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	207.19 36.83	
33 01 30 51-0010 EA 2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	239.54 43.10	
33 01 30 51-0011 EA 3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	138.58 23.40	
33 01 30 51-0012 EA 3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	187.99 33.12	
33 01 30 51-0013 EA 3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	217.42 38.83	
33 01 30 51-0014 EA 3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	253.64 46.10	
33 01 30 51-0015 EA 4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	156.18 26.61	
33 01 30 51-0016 EA 4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	206.41 35.82	
33 01 30 51-0017 EA 4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	250.34 43.61	
33 01 30 51-0018 EA 4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	301.60 52.60	
33 01 30 51-0019 EA 4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	394.65 70.65	
33 01 30 51-0020 EA 4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	491.14 88.70	
33 01 30 51-0021 EA 4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	599.27 108.81	
33 01 30 51-0022 EA 6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	183.62 31.40	
33 01 30 51-0023 EA 6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	244.06 42.60	
33 01 30 51-0024 EA 6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	289.03 50.23	
33 01 30 51-0025 EA 6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	338.54 58.37	
33 01 30 51-0026 EA 6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	469.45 84.58	
33 01 30 51-0027 EA 6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	570.86 103.14	
33 01 30 51-0028 EA 6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	681.83 123.25	
33 01 30 51-0029 EA 8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	238.68 37.57	
33 01 30 51-0030 EA 8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	310.30 49.71	
33 01 30 51-0031 EA 8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	374.57 60.16	
33 01 30 51-0032 EA 8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	447.28 71.68	
33 01 30 51-0033 EA 8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	594.70 99.31	
33 01 30 51-0034 EA 8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	711.27 118.75	
33 01 30 51-0035 EA 8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	842.20 139.77	
33 01 30 51-0036 EA 10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	279.79 45.73	
33 01 30 51-0037 EA 10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	376.22 63.25	
33 01 30 51-0038 EA 10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	443.00 73.95	
33 01 30 51-0039 EA 10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	543.64 91.46	
33 01 30 51-0040 EA 10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	714.56 124.06	
33 01 30 51-0041 EA 10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	812.87 138.66	
33 01 30 51-0042 EA 10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,046.80 182.93	
33 01 30 51-0043 EA 12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	318.41 51.58	
33 01 30 51-0044 EA 12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	415.95 68.59	
33 01 30 51-0045 EA 12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	502.14 83.00	
33 01 30 51-0046 EA 12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	617.95 103.14	
33 01 30 51-0047 EA 12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	795.72 136.23	
33 01 30 51-0048 EA 12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	935.60 159.09	
33 01 30 51-0049 EA 12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,189.73 206.28	
33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands <small>(33 01 30 51-0001)</small> Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0051 EA 14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	711.70 198.43	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 01 30 51-0052	EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,009.52 286.46		
33 01 30 51-0053	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,359.67 388.48		
33 01 30 51-0054	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,004.17 585.52		
33 01 30 51-0055	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	747.01 208.20		
33 01 30 51-0056	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,056.76 299.74		
33 01 30 51-0057	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,419.80 405.25		
33 01 30 51-0058	EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,100.92 613.46		
33 01 30 51-0059	EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	765.97 212.40		
33 01 30 51-0060	EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,081.69 305.34		
33 01 30 51-0061	EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,456.89 414.33		
33 01 30 51-0062	EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,154.07 626.73		
33 01 30 51-0063	EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	785.83 216.59		
33 01 30 51-0064	EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,110.09 311.63		
33 01 30 51-0065	EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,492.67 422.01		
33 01 30 51-0066	EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,207.09 639.31		
33 01 30 51-0067	EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	803.67 220.09		
33 01 30 51-0068	EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,134.33 316.51		
33 01 30 51-0069	EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,528.45 429.70		
33 01 30 51-0070	EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,254.89 649.79		
33 01 30 51-0071	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	820.54 223.59		
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,159.25 322.10		
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,560.31 436.69		
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,285.34 655.03		
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	839.93 227.94		
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,188.74 329.09		
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,594.19 444.37		
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,353.96 673.55		
33 01 30 51-0079		Repair Couplings and Fittings (33 01 30 51-0001)			
33 01 30 51-0080		Couplings And Fittings For Copper Pipe, Compression (33 01 30 51-0079) Note: Includes gaskets. Dresser style 88.			
33 01 30 51-0081		Copper Compression Repair Couplings (33 01 30 51-0080)			
33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling.....	77.08		

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling.....	89.56
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling.....	105.32
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling.....	118.40
33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling.....	184.36
33 01 30 51-0087		Copper Compression Repair Fitting, 90 Degree Elbows (33 01 30 51-0080)	
33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow.....	93.23
33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow.....	107.63
33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow.....	221.05
33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow.....	86.02
33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow.....	77.47
33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow.....	90.70
33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow.....	112.57
33 01 30 51-0095		Copper Compression Repair Fitting, Tees (33 01 30 51-0080)	
33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee.....	171.99
33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee.....	131.47
33 01 30 51-0098	EA	1" Copper Compression Repair Tee.....	156.30
33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee.....	127.69
33 01 30 51-0100		Copper Compression Repair Fitting, Male Adapters (33 01 30 51-0080)	
33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter.....	80.85
33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter.....	64.37
33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter.....	73.02
33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter.....	88.37
33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter.....	106.52
33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter.....	115.96
33 01 30 51-0107		Copper Compression Repair Fitting, Female Adapters (33 01 30 51-0080)	
33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter.....	95.03
33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter.....	100.20
33 01 30 51-0110		Couplings And Fittings For Steel Pipe, Cast Body, Compression (33 01 30 51-0079)	
		Note: Includes gaskets. Dresser style 90.	
33 01 30 51-0111		Couplings For Steel Pipe, Cast Body (Compression) (33 01 30 51-0110)	
		Note: Includes gaskets.	
33 01 30 51-0112	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring.....	50.61
33 01 30 51-0113	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring.....	52.01
33 01 30 51-0114	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring.....	58.77
33 01 30 51-0115	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring.....	65.58
33 01 30 51-0116	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring.....	81.15
33 01 30 51-0117	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring.....	98.59
33 01 30 51-0118	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	51.90
33 01 30 51-0119	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	53.44
33 01 30 51-0120	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	58.98
33 01 30 51-0121	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	66.25
33 01 30 51-0122	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	83.32
33 01 30 51-0123	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket.....	99.55
33 01 30 51-0124	EA	3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	96.46
33 01 30 51-0125	EA	1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	112.84
33 01 30 51-0126	EA	1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	117.96
33 01 30 51-0127	EA	1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	133.42
33 01 30 51-0128	EA	2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket.....	162.22
33 01 30 51-0129		Reducing Couplings For Steel Pipe (Compression) (33 01 30 51-0110)	
		Note: Includes armored gaskets.	
33 01 30 51-0130	EA	3/4" x 1/2" Reducing Coupling (Compression).....	56.33
33 01 30 51-0131	EA	1" x 3/4" Reducing Coupling (Compression).....	60.18
33 01 30 51-0132	EA	1-1/4" x 3/4" Reducing Coupling (Compression).....	67.95
33 01 30 51-0133	EA	1-1/4" x 1" Reducing Coupling (Compression).....	70.34
33 01 30 51-0134	EA	1-1/2" x 3/4" Reducing Coupling (Compression).....	131.03
33 01 30 51-0135	EA	1-1/2" x 1" Reducing Coupling (Compression).....	84.86
33 01 30 51-0136	EA	1-1/2" x 1-1/4" Reducing Coupling (Compression).....	85.19
33 01 30 51-0137	EA	2" x 3/4" Reducing Coupling (Compression).....	156.53
33 01 30 51-0138	EA	2" x 1" Reducing Coupling (Compression).....	143.27
33 01 30 51-0139	EA	2" x 1-1/4" Reducing Coupling (Compression).....	111.71
33 01 30 51-0140	EA	2" x 1-1/2" Reducing Coupling (Compression).....	111.36
33 01 30 51-0141		Steel Compression Repair Fittings, Elbows (33 01 30 51-0110)	
		Note: Includes armored gaskets.	
33 01 30 51-0142	EA	1" 45 Degree Elbow (Compression).....	90.62
33 01 30 51-0143	EA	1-1/4" 45 Degree Elbow (Compression).....	95.01
33 01 30 51-0144	EA	1-1/2" 45 Degree Elbow (Compression).....	122.45
33 01 30 51-0145	EA	2" 45 Degree Elbow (Compression).....	154.06
33 01 30 51-0146	EA	3/4" 90 Degree Elbow (Compression).....	61.84
33 01 30 51-0147	EA	1" 90 Degree Elbow (Compression).....	64.78
33 01 30 51-0148	EA	1-1/4" 90 Degree Elbow (Compression).....	75.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 51-0149	EA		1-1/2" 90 Degree Elbow (Compression)	106.80	
33 01 30 51-0150	EA		2" 90 Degree Elbow (Compression)	117.87	
33 01 30 51-0151	EA		3/4" Plain End 90 Degree Street Elbow (Compression)	62.02	
33 01 30 51-0152	EA		1" Plain End 90 Degree Street Elbow (Compression)	56.18	
33 01 30 51-0153	EA		1-1/4" Plain End 90 Degree Street Elbow (Compression)	63.53	
33 01 30 51-0154	EA		1-1/2" Plain End 90 Degree Street Elbow (Compression)	80.26	
33 01 30 51-0155	EA		2" Plain End 90 Degree Street Elbow (Compression)	102.86	
33 01 30 51-0156	EA		3/4" Threaded End 90 Degree Street Elbow (Compression)	63.89	
33 01 30 51-0157	EA		1" Threaded End 90 Degree Street Elbow (Compression)	59.68	
33 01 30 51-0158	EA		1-1/4" Threaded End 90 Degree Street Elbow (Compression)	76.54	
33 01 30 51-0159	EA		1-1/2" Threaded End 90 Degree Street Elbow (Compression)	92.67	
33 01 30 51-0160	EA		2" Threaded End 90 Degree Street Elbow (Compression)	129.40	

33 01 30 51-0161 Steel Compression Repair Fittings, Tees (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0162	EA		3/4" Street Tee (Compression)	70.19	
33 01 30 51-0163	EA		1" Street Tee (Compression)	82.53	
33 01 30 51-0164	EA		1-1/4" Street Tee (Compression)	84.66	
33 01 30 51-0165	EA		1-1/2" Street Tee (Compression)	98.80	
33 01 30 51-0166	EA		2" Street Tee (Compression)	145.23	
33 01 30 51-0167	EA		1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression)	83.99	
33 01 30 51-0168	EA		1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression)	87.37	
33 01 30 51-0169	EA		1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression)	109.42	
33 01 30 51-0170	EA		1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression)	124.73	
33 01 30 51-0171	EA		1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression)	125.41	
33 01 30 51-0172	EA		1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression)	107.98	
33 01 30 51-0173	EA		2" x 1-1/4" x 2" Reducing Street Tee (Compression)	141.92	
33 01 30 51-0174	EA		2" x 1-1/2" x 2" Reducing Street Tee (Compression)	158.93	
33 01 30 51-0175	EA		3/4" Welding Street Tee (Compression)	121.23	
33 01 30 51-0176	EA		1" Welding Street Tee (Compression)	122.93	
33 01 30 51-0177	EA		1-1/4" Welding Street Tee (Compression)	132.54	
33 01 30 51-0178	EA		1-1/2" Welding Street Tee (Compression)	160.04	
33 01 30 51-0179	EA		2" Welding Street Tee (Compression)	213.54	
33 01 30 51-0180	EA		3/4" Regular Tee (Compression)	91.54	
33 01 30 51-0181	EA		1" Regular Tee (Compression)	155.33	
33 01 30 51-0182	EA		1-1/4" Regular Tee (Compression)	164.87	
33 01 30 51-0183	EA		1-1/2" Regular Tee (Compression)	179.01	
33 01 30 51-0184	EA		2" Regular Tee (Compression)	199.76	
33 01 30 51-0185	EA		2" x 2" x 1-1/4" Regular Reducing Tee (Compression)	197.03	

33 01 30 51-0186 Steel Compression Repair Fittings, Male Adapters (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0187	EA		3/4" Male Adapter (Compression)	61.68	
33 01 30 51-0188	EA		1" Male Adapter (Compression)	69.03	
33 01 30 51-0189	EA		1-1/4" Male Adapter (Compression)	88.97	
33 01 30 51-0190	EA		1-1/2" Male Adapter (Compression)	101.36	
33 01 30 51-0191	EA		2" Male Adapter (Compression)	115.02	
33 01 30 51-0192	EA		1" x 1-1/4" Male Adapter (Compression)	88.53	

33 01 30 51-0193 Steel Compression Repair Fittings, Line Caps (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0194	EA		3/4" Line Caps (Compression)	32.93	
33 01 30 51-0195	EA		1" Line Caps (Compression)	38.35	
33 01 30 51-0196	EA		1-1/4" Line Caps (Compression)	43.85	
33 01 30 51-0197	EA		1-1/2" Line Caps (Compression)	51.87	
33 01 30 51-0198	EA		2" Line Caps (Compression)	63.89	

33 01 30 51-0199 Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0200	EA		1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	41.28	
33 01 30 51-0201	EA		3/4" Coupling, 5" Middle Ring With Buna S Gasket	52.58	
33 01 30 51-0202	EA		1" Coupling, 5" Middle Ring With Buna S Gasket	62.53	
33 01 30 51-0203	EA		1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	77.38	
33 01 30 51-0204	EA		2" Coupling, 4" Middle Ring With Buna S Gasket	95.49	
33 01 30 51-0205	EA		2" Coupling, 5" Middle Ring With Buna S Gasket	112.75	
33 01 30 51-0206	EA		2" Coupling, 7" Middle Ring With Buna S Gasket	108.46	
33 01 30 51-0207	EA		3" Coupling, 4" Middle Ring With Buna S Gasket	147.30	
33 01 30 51-0208	EA		3" Coupling, 5" Middle Ring With Buna S Gasket	149.90	
33 01 30 51-0209	EA		3" Coupling, 7" Middle Ring With Buna S Gasket	152.50	
33 01 30 51-0210	EA		4" Coupling, 4" Middle Ring With Buna S Gasket	176.85	
33 01 30 51-0211	EA		4" Coupling, 5" Middle Ring With Buna S Gasket	181.26	
33 01 30 51-0212	EA		4" Coupling, 7" Middle Ring With Buna S Gasket	186.79	
33 01 30 51-0213	EA		5" Coupling, 4" Middle Ring With Buna S Gasket	222.24	
33 01 30 51-0214	EA		5" Coupling, 5" Middle Ring With Buna S Gasket	223.98	
33 01 30 51-0215	EA		5" Coupling, 7" Middle Ring With Buna S Gasket	230.32	
33 01 30 51-0216	EA		6" Coupling, 4" Middle Ring With Buna S Gasket	244.10	
33 01 30 51-0217	EA		6" Coupling, 5" Middle Ring With Buna S Gasket	248.81	
33 01 30 51-0218	EA		6" Coupling, 7" Middle Ring With Buna S Gasket	254.83	
33 01 30 51-0219	EA		8" Coupling, 4" Middle Ring With Buna S Gasket	285.63	
33 01 30 51-0220	EA		8" Coupling, 5" Middle Ring With Buna S Gasket	292.60	
33 01 30 51-0221	EA		8" Coupling, 7" Middle Ring With Buna S Gasket	298.32	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 51-0222	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	338.87
33 01 30 51-0223	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	371.76
33 01 30 51-0224	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	384.54
33 01 30 51-0225	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	454.26
33 01 30 51-0226	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	516.35
33 01 30 51-0227	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	599.03
33 01 30 51-0228	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	655.88
33 01 30 51-0229	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	707.53
33 01 30 51-0230	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	846.28
33 01 30 51-0231	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	894.03

33 01 30 51-0232

Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna S gasket, protected. Dresser style 38.

33 01 30 51-0233	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	42.03
33 01 30 51-0234	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	52.48
33 01 30 51-0235	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	62.48
33 01 30 51-0236	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	77.04
33 01 30 51-0237	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	105.41
33 01 30 51-0238	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	104.04
33 01 30 51-0239	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	104.73
33 01 30 51-0240	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	152.50
33 01 30 51-0241	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	155.10
33 01 30 51-0242	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	157.70
33 01 30 51-0243	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	183.93
33 01 30 51-0244	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	179.35
33 01 30 51-0245	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	181.76
33 01 30 51-0246	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	231.36
33 01 30 51-0247	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	232.64
33 01 30 51-0248	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	291.61
33 01 30 51-0249	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	248.89
33 01 30 51-0250	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	253.66
33 01 30 51-0251	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	256.27
33 01 30 51-0252	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	300.76
33 01 30 51-0253	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	303.33
33 01 30 51-0254	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	307.47
33 01 30 51-0255	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	345.11
33 01 30 51-0256	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	378.26
33 01 30 51-0257	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	391.04
33 01 30 51-0258	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	460.62
33 01 30 51-0259	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	522.85
33 01 30 51-0260	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	608.78
33 01 30 51-0261	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	668.88
33 01 30 51-0262	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	720.53
33 01 30 51-0263	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	859.28
33 01 30 51-0264	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	907.03

33 01 30 51-0265

Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna N gasket, protected. Dresser style 38.

33 01 30 51-0266	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	46.65
33 01 30 51-0267	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	57.18
33 01 30 51-0268	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	68.00
33 01 30 51-0269	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	84.21
33 01 30 51-0270	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	105.41
33 01 30 51-0271	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	117.02
33 01 30 51-0272	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	120.88
33 01 30 51-0273	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	152.50
33 01 30 51-0274	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	155.10
33 01 30 51-0275	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	157.70
33 01 30 51-0276	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	183.93
33 01 30 51-0277	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	193.20
33 01 30 51-0278	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	196.73
33 01 30 51-0279	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	231.36
33 01 30 51-0280	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	232.64
33 01 30 51-0281	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	247.52
33 01 30 51-0282	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	246.89
33 01 30 51-0283	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	253.66
33 01 30 51-0284	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	256.27
33 01 30 51-0285	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	300.76
33 01 30 51-0286	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	303.33
33 01 30 51-0287	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	307.47
33 01 30 51-0288	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	345.11
33 01 30 51-0289	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	378.26
33 01 30 51-0290	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	391.04
33 01 30 51-0291	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	460.62
33 01 30 51-0292	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	522.85
33 01 30 51-0293	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	599.03
33 01 30 51-0294	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	668.88
33 01 30 51-0295	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	720.53
33 01 30 51-0296	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	859.28
33 01 30 51-0297	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	907.03

33 01 30 51-0298

Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes high temperature carded glass gasket, protected. Dresser style 38.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0299	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	73.49	
33 01 30 51-0300	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	82.91	
33 01 30 51-0301	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	93.30	
33 01 30 51-0302	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	132.90	
33 01 30 51-0303	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	140.02	
33 01 30 51-0304	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	143.64	
33 01 30 51-0305	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	177.56	
33 01 30 51-0306	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	176.74	
33 01 30 51-0307	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	206.20	
33 01 30 51-0308	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	209.73	
33 01 30 51-0309	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	273.00	
33 01 30 51-0310	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	277.68	
33 01 30 51-0311	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	297.76	
33 01 30 51-0312	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	300.87	
33 01 30 51-0313	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	323.06	
33 01 30 51-0314	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	369.58	
33 01 30 51-0315	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	388.55	
33 01 30 51-0316	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	409.84	
33 01 30 51-0317	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	409.78	
33 01 30 51-0318	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	501.76	
33 01 30 51-0319	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	516.05	
33 01 30 51-0320	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	588.14	
33 01 30 51-0321	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	709.41	
33 01 30 51-0322	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	713.08	
33 01 30 51-0323	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	787.48	
33 01 30 51-0324	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	850.83	
33 01 30 51-0325	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	920.03	
33 01 30 51-0326		Polyseal Pipe Coupler (33 01 30 51-0001)		
33 01 30 51-0327	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac).....	266.06	
33 01 30 51-0328	EA	24" Diameter Pipes, PolySeal Repair Couplers (MarMac).....	300.86	
33 01 30 71		Relining Sewer Utilities Pipelines (33 01 30)		
33 01 30 71-0001		Relining Underground Pipelines (33 01 30 71) Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 71-0002		Lining Pipe, Spray Applied With Structural Polyurethane (33 01 30 71-0001) Note: Two part structural polyurethane.		
33 01 30 71-0003		Mobilization And Setup For Spray Applied Structural Polyurethane Lining (33 01 30 71-0002)		
33 01 30 71-0004	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining.....	1,524.65	
33 01 30 71-0005		Lining Pipe, Spray Applied With 100 mil Structural Polyurethane (33 01 30 71-0002) Note: Two part structural polyurethane.		
33 01 30 71-0006	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	39.10	
		For Up To 75, Add	8.64	
		For >75 To 150, Add	3.91	
		For >500 To 1,000, Deduct	-1.11	
		For >1,000 To 2,000, Deduct	-2.14	
		For >2,000 To 5,000, Deduct	-3.33	
		For >5,000, Deduct	-4.73	
33 01 30 71-0007	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	45.60	
		For Up To 75, Add	10.08	
		For >75 To 150, Add	4.56	
		For >500 To 1,000, Deduct	-1.30	
		For >1,000 To 2,000, Deduct	-2.50	
		For >2,000 To 5,000, Deduct	-3.89	
		For >5,000, Deduct	-5.52	
33 01 30 71-0008	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	52.13	
		For Up To 75, Add	11.52	
		For >75 To 150, Add	5.21	
		For >500 To 1,000, Deduct	-1.48	
		For >1,000 To 2,000, Deduct	-2.85	
		For >2,000 To 5,000, Deduct	-4.44	
		For >5,000, Deduct	-6.31	
33 01 30 71-0009	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	58.64	
		For Up To 75, Add	12.96	
		For >75 To 150, Add	5.86	
		For >500 To 1,000, Deduct	-1.67	
		For >1,000 To 2,000, Deduct	-3.21	
		For >2,000 To 5,000, Deduct	-5.00	
		For >5,000, Deduct	-7.10	
33 01 30 71-0010	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	65.16	
		For Up To 75, Add	14.40	
		For >75 To 150, Add	6.52	
		For >500 To 1,000, Deduct	-1.85	
		For >1,000 To 2,000, Deduct	-3.57	
		For >2,000 To 5,000, Deduct	-5.55	
		For >5,000, Deduct	-7.89	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 71-0011	LF 66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	71.67	
	<i>For Up To 75, Add</i>	15.84	
	<i>For >75 To 150, Add</i>	7.17	
	<i>For >500 To 1,000, Deduct</i>	-2.04	
	<i>For >1,000 To 2,000, Deduct</i>	-3.92	
	<i>For >2,000 To 5,000, Deduct</i>	-6.11	
	<i>For >5,000, Deduct</i>	-8.67	
33 01 30 71-0012	LF 72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	78.20	
	<i>For Up To 75, Add</i>	17.29	
	<i>For >75 To 150, Add</i>	7.82	
	<i>For >500 To 1,000, Deduct</i>	-2.22	
	<i>For >1,000 To 2,000, Deduct</i>	-4.28	
	<i>For >2,000 To 5,000, Deduct</i>	-6.67	
	<i>For >5,000, Deduct</i>	-9.47	
33 01 30 71-0013	LF 78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	84.70	
	<i>For Up To 75, Add</i>	18.72	
	<i>For >75 To 150, Add</i>	8.47	
	<i>For >500 To 1,000, Deduct</i>	-2.41	
	<i>For >1,000 To 2,000, Deduct</i>	-4.64	
	<i>For >2,000 To 5,000, Deduct</i>	-7.22	
	<i>For >5,000, Deduct</i>	-10.25	
33 01 30 71-0014	LF 84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	91.23	
	<i>For Up To 75, Add</i>	20.17	
	<i>For >75 To 150, Add</i>	9.12	
	<i>For >500 To 1,000, Deduct</i>	-2.59	
	<i>For >1,000 To 2,000, Deduct</i>	-4.99	
	<i>For >2,000 To 5,000, Deduct</i>	-7.78	
	<i>For >5,000, Deduct</i>	-11.04	
33 01 30 71-0015	LF 90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	97.74	
	<i>For Up To 75, Add</i>	21.60	
	<i>For >75 To 150, Add</i>	9.77	
	<i>For >500 To 1,000, Deduct</i>	-2.78	
	<i>For >1,000 To 2,000, Deduct</i>	-5.35	
	<i>For >2,000 To 5,000, Deduct</i>	-8.33	
	<i>For >5,000, Deduct</i>	-11.83	
33 01 30 71-0016	LF 96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	104.25	
	<i>For Up To 75, Add</i>	23.04	
	<i>For >75 To 150, Add</i>	10.43	
	<i>For >500 To 1,000, Deduct</i>	-2.96	
	<i>For >1,000 To 2,000, Deduct</i>	-5.70	
	<i>For >2,000 To 5,000, Deduct</i>	-8.89	
	<i>For >5,000, Deduct</i>	-12.62	
33 01 30 71-0017	LF 102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	110.77	
	<i>For Up To 75, Add</i>	24.48	
	<i>For >75 To 150, Add</i>	11.08	
	<i>For >500 To 1,000, Deduct</i>	-3.15	
	<i>For >1,000 To 2,000, Deduct</i>	-6.06	
	<i>For >2,000 To 5,000, Deduct</i>	-9.44	
	<i>For >5,000, Deduct</i>	-13.41	
33 01 30 71-0018	LF 108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	117.28	
	<i>For Up To 75, Add</i>	25.92	
	<i>For >75 To 150, Add</i>	11.73	
	<i>For >500 To 1,000, Deduct</i>	-3.33	
	<i>For >1,000 To 2,000, Deduct</i>	-6.42	
	<i>For >2,000 To 5,000, Deduct</i>	-10.00	
	<i>For >5,000, Deduct</i>	-14.19	
33 01 30 71-0019	LF 114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	123.80	
	<i>For Up To 75, Add</i>	27.36	
	<i>For >75 To 150, Add</i>	12.38	
	<i>For >500 To 1,000, Deduct</i>	-3.52	
	<i>For >1,000 To 2,000, Deduct</i>	-6.77	
	<i>For >2,000 To 5,000, Deduct</i>	-10.55	
	<i>For >5,000, Deduct</i>	-14.98	
33 01 30 71-0020	LF 120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	130.32	
	<i>For Up To 75, Add</i>	28.81	
	<i>For >75 To 150, Add</i>	13.03	
	<i>For >500 To 1,000, Deduct</i>	-3.70	
	<i>For >1,000 To 2,000, Deduct</i>	-7.13	
	<i>For >2,000 To 5,000, Deduct</i>	-11.11	
	<i>For >5,000, Deduct</i>	-15.77	
33 01 30 71-0021	SF Structure Lining, Spray Applied With 100 mil Structural Polyurethane.....	4.14	
33 01 30 71-0022	Lining Pipe, Spray Applied With 150 mil Structural Polyurethane <small>(33 01 30 71-0022)</small>		
	Note: Two part structural polyurethane.		
33 01 30 71-0023	LF 36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	51.31	
	<i>For Up To 75, Add</i>	11.13	
	<i>For >75 To 150, Add</i>	5.13	
	<i>For >500 To 1,000, Deduct</i>	-1.37	
	<i>For >1,000 To 2,000, Deduct</i>	-2.66	
	<i>For >2,000 To 5,000, Deduct</i>	-4.12	
	<i>For >5,000, Deduct</i>	-6.00	
33 01 30 71-0024	LF 42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	59.86	
	<i>For Up To 75, Add</i>	12.98	
	<i>For >75 To 150, Add</i>	5.99	
	<i>For >500 To 1,000, Deduct</i>	-1.60	
	<i>For >1,000 To 2,000, Deduct</i>	-3.10	
	<i>For >2,000 To 5,000, Deduct</i>	-4.80	
	<i>For >5,000, Deduct</i>	-7.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 71-0025	LF 48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	68.41	
	<i>For Up To 75, Add</i>	14.84	
	<i>For >75 To 150, Add</i>	6.84	
	<i>For >500 To 1,000, Deduct</i>	-1.83	
	<i>For >1,000 To 2,000, Deduct</i>	-3.54	
	<i>For >2,000 To 5,000, Deduct</i>	-5.49	
	<i>For >5,000, Deduct</i>	-8.00	
33 01 30 71-0026	LF 54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	76.95	
	<i>For Up To 75, Add</i>	16.69	
	<i>For >75 To 150, Add</i>	7.70	
	<i>For >500 To 1,000, Deduct</i>	-2.06	
	<i>For >1,000 To 2,000, Deduct</i>	-3.99	
	<i>For >2,000 To 5,000, Deduct</i>	-6.17	
	<i>For >5,000, Deduct</i>	-8.99	
33 01 30 71-0027	LF 60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	85.51	
	<i>For Up To 75, Add</i>	18.54	
	<i>For >75 To 150, Add</i>	8.55	
	<i>For >500 To 1,000, Deduct</i>	-2.29	
	<i>For >1,000 To 2,000, Deduct</i>	-4.43	
	<i>For >2,000 To 5,000, Deduct</i>	-6.86	
	<i>For >5,000, Deduct</i>	-9.99	
33 01 30 71-0028	LF 66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	94.07	
	<i>For Up To 75, Add</i>	20.40	
	<i>For >75 To 150, Add</i>	9.41	
	<i>For >500 To 1,000, Deduct</i>	-2.52	
	<i>For >1,000 To 2,000, Deduct</i>	-4.87	
	<i>For >2,000 To 5,000, Deduct</i>	-7.55	
	<i>For >5,000, Deduct</i>	-10.99	
33 01 30 71-0029	LF 72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	102.62	
	<i>For Up To 75, Add</i>	22.26	
	<i>For >75 To 150, Add</i>	10.26	
	<i>For >500 To 1,000, Deduct</i>	-2.75	
	<i>For >1,000 To 2,000, Deduct</i>	-5.32	
	<i>For >2,000 To 5,000, Deduct</i>	-8.24	
	<i>For >5,000, Deduct</i>	-11.99	
33 01 30 71-0030	LF 78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	111.16	
	<i>For Up To 75, Add</i>	24.11	
	<i>For >75 To 150, Add</i>	11.12	
	<i>For >500 To 1,000, Deduct</i>	-2.97	
	<i>For >1,000 To 2,000, Deduct</i>	-5.76	
	<i>For >2,000 To 5,000, Deduct</i>	-8.92	
	<i>For >5,000, Deduct</i>	-12.99	
33 01 30 71-0031	LF 84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	119.71	
	<i>For Up To 75, Add</i>	25.96	
	<i>For >75 To 150, Add</i>	11.97	
	<i>For >500 To 1,000, Deduct</i>	-3.20	
	<i>For >1,000 To 2,000, Deduct</i>	-6.20	
	<i>For >2,000 To 5,000, Deduct</i>	-9.61	
	<i>For >5,000, Deduct</i>	-13.99	
33 01 30 71-0032	LF 90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	128.27	
	<i>For Up To 75, Add</i>	27.82	
	<i>For >75 To 150, Add</i>	12.83	
	<i>For >500 To 1,000, Deduct</i>	-3.43	
	<i>For >1,000 To 2,000, Deduct</i>	-6.65	
	<i>For >2,000 To 5,000, Deduct</i>	-10.29	
	<i>For >5,000, Deduct</i>	-14.99	
33 01 30 71-0033	LF 96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	136.83	
	<i>For Up To 75, Add</i>	29.67	
	<i>For >75 To 150, Add</i>	13.68	
	<i>For >500 To 1,000, Deduct</i>	-3.66	
	<i>For >1,000 To 2,000, Deduct</i>	-7.09	
	<i>For >2,000 To 5,000, Deduct</i>	-10.98	
	<i>For >5,000, Deduct</i>	-15.99	
33 01 30 71-0034	LF 102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	145.37	
	<i>For Up To 75, Add</i>	31.53	
	<i>For >75 To 150, Add</i>	14.54	
	<i>For >500 To 1,000, Deduct</i>	-3.89	
	<i>For >1,000 To 2,000, Deduct</i>	-7.53	
	<i>For >2,000 To 5,000, Deduct</i>	-11.67	
	<i>For >5,000, Deduct</i>	-16.99	
33 01 30 71-0035	LF 108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	153.92	
	<i>For Up To 75, Add</i>	33.38	
	<i>For >75 To 150, Add</i>	15.39	
	<i>For >500 To 1,000, Deduct</i>	-4.12	
	<i>For >1,000 To 2,000, Deduct</i>	-7.97	
	<i>For >2,000 To 5,000, Deduct</i>	-12.35	
	<i>For >5,000, Deduct</i>	-17.99	
33 01 30 71-0036	LF 114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	162.47	
	<i>For Up To 75, Add</i>	35.24	
	<i>For >75 To 150, Add</i>	16.25	
	<i>For >500 To 1,000, Deduct</i>	-4.35	
	<i>For >1,000 To 2,000, Deduct</i>	-8.42	
	<i>For >2,000 To 5,000, Deduct</i>	-13.04	
	<i>For >5,000, Deduct</i>	-18.99	
33 01 30 71-0037	LF 120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	171.03	
	<i>For Up To 75, Add</i>	37.09	
	<i>For >75 To 150, Add</i>	17.10	
	<i>For >500 To 1,000, Deduct</i>	-4.57	
	<i>For >1,000 To 2,000, Deduct</i>	-8.86	
	<i>For >2,000 To 5,000, Deduct</i>	-13.72	
	<i>For >5,000, Deduct</i>	-19.99	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 71-0038	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane.....	5.45	
33 01 30 71-0039		Lining Pipe, Spray Applied With 200 mil Structural Polyurethane (33 01 30 71-0002)		
		Note: Two part structural polyurethane.		
33 01 30 71-0040	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	63.52	
		For Up To 75, Add	13.62	
		For >75 To 150, Add	6.35	
		For >500 To 1,000, Deduct	-1.63	
		For >1,000 To 2,000, Deduct	-3.18	
		For >2,000 To 5,000, Deduct	-4.90	
		For >5,000, Deduct	-7.26	
33 01 30 71-0041	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	74.11	
		For Up To 75, Add	15.89	
		For >75 To 150, Add	7.41	
		For >500 To 1,000, Deduct	-1.91	
		For >1,000 To 2,000, Deduct	-3.71	
		For >2,000 To 5,000, Deduct	-5.72	
		For >5,000, Deduct	-8.47	
33 01 30 71-0042	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	84.69	
		For Up To 75, Add	18.15	
		For >75 To 150, Add	8.47	
		For >500 To 1,000, Deduct	-2.18	
		For >1,000 To 2,000, Deduct	-4.24	
		For >2,000 To 5,000, Deduct	-6.54	
		For >5,000, Deduct	-9.68	
33 01 30 71-0043	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	95.29	
		For Up To 75, Add	20.43	
		For >75 To 150, Add	9.53	
		For >500 To 1,000, Deduct	-2.45	
		For >1,000 To 2,000, Deduct	-4.77	
		For >2,000 To 5,000, Deduct	-7.36	
		For >5,000, Deduct	-10.90	
33 01 30 71-0044	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	105.87	
		For Up To 75, Add	22.69	
		For >75 To 150, Add	10.59	
		For >500 To 1,000, Deduct	-2.72	
		For >1,000 To 2,000, Deduct	-5.30	
		For >2,000 To 5,000, Deduct	-8.17	
		For >5,000, Deduct	-12.11	
33 01 30 71-0045	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	116.46	
		For Up To 75, Add	24.96	
		For >75 To 150, Add	11.65	
		For >500 To 1,000, Deduct	-3.00	
		For >1,000 To 2,000, Deduct	-5.83	
		For >2,000 To 5,000, Deduct	-8.99	
		For >5,000, Deduct	-13.32	
33 01 30 71-0046	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	127.05	
		For Up To 75, Add	27.23	
		For >75 To 150, Add	12.71	
		For >500 To 1,000, Deduct	-3.27	
		For >1,000 To 2,000, Deduct	-6.36	
		For >2,000 To 5,000, Deduct	-9.81	
		For >5,000, Deduct	-14.53	
33 01 30 71-0047	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	137.63	
		For Up To 75, Add	29.50	
		For >75 To 150, Add	13.76	
		For >500 To 1,000, Deduct	-3.54	
		For >1,000 To 2,000, Deduct	-6.89	
		For >2,000 To 5,000, Deduct	-10.63	
		For >5,000, Deduct	-15.74	
33 01 30 71-0048	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	148.23	
		For Up To 75, Add	31.77	
		For >75 To 150, Add	14.82	
		For >500 To 1,000, Deduct	-3.82	
		For >1,000 To 2,000, Deduct	-7.42	
		For >2,000 To 5,000, Deduct	-11.45	
		For >5,000, Deduct	-16.95	
33 01 30 71-0049	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	158.80	
		For Up To 75, Add	34.04	
		For >75 To 150, Add	15.88	
		For >500 To 1,000, Deduct	-4.09	
		For >1,000 To 2,000, Deduct	-7.95	
		For >2,000 To 5,000, Deduct	-12.26	
		For >5,000, Deduct	-18.16	
33 01 30 71-0050	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	169.40	
		For Up To 75, Add	36.31	
		For >75 To 150, Add	16.94	
		For >500 To 1,000, Deduct	-4.36	
		For >1,000 To 2,000, Deduct	-8.48	
		For >2,000 To 5,000, Deduct	-13.08	
		For >5,000, Deduct	-19.37	
33 01 30 71-0051	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	179.98	
		For Up To 75, Add	38.58	
		For >75 To 150, Add	18.00	
		For >500 To 1,000, Deduct	-4.63	
		For >1,000 To 2,000, Deduct	-9.01	
		For >2,000 To 5,000, Deduct	-13.90	
		For >5,000, Deduct	-20.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 71-0052	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	190.57		
		<i>For Up To 75, Add</i>	40.85		
		<i>For >75 To 150, Add</i>	19.06		
		<i>For >500 To 1,000, Deduct</i>	-4.90		
		<i>For >1,000 To 2,000, Deduct</i>	-9.54		
		<i>For >2,000 To 5,000, Deduct</i>	-14.71		
		<i>For >5,000, Deduct</i>	-21.79		
33 01 30 71-0053	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	201.16		
		<i>For Up To 75, Add</i>	43.12		
		<i>For >75 To 150, Add</i>	20.12		
		<i>For >500 To 1,000, Deduct</i>	-5.18		
		<i>For >1,000 To 2,000, Deduct</i>	-10.07		
		<i>For >2,000 To 5,000, Deduct</i>	-15.53		
		<i>For >5,000, Deduct</i>	-23.00		
33 01 30 71-0054	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	211.74		
		<i>For Up To 75, Add</i>	45.39		
		<i>For >75 To 150, Add</i>	21.17		
		<i>For >500 To 1,000, Deduct</i>	-5.45		
		<i>For >1,000 To 2,000, Deduct</i>	-10.60		
		<i>For >2,000 To 5,000, Deduct</i>	-16.35		
		<i>For >5,000, Deduct</i>	-24.21		
33 01 30 71-0055	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	6.74		

33 01 30 71-0056 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane (33 01 30 71-0002)

Note: Two part structural polyurethane.

33 01 30 71-0057	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	75.80		
		<i>For Up To 75, Add</i>	16.12		
		<i>For >75 To 150, Add</i>	7.58		
		<i>For >500 To 1,000, Deduct</i>	-1.90		
		<i>For >1,000 To 2,000, Deduct</i>	-3.70		
		<i>For >2,000 To 5,000, Deduct</i>	-5.70		
		<i>For >5,000, Deduct</i>	-8.54		
33 01 30 71-0058	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	88.44		
		<i>For Up To 75, Add</i>	18.81		
		<i>For >75 To 150, Add</i>	8.84		
		<i>For >500 To 1,000, Deduct</i>	-2.22		
		<i>For >1,000 To 2,000, Deduct</i>	-4.32		
		<i>For >2,000 To 5,000, Deduct</i>	-6.65		
		<i>For >5,000, Deduct</i>	-9.96		
33 01 30 71-0059	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	101.08		
		<i>For Up To 75, Add</i>	21.50		
		<i>For >75 To 150, Add</i>	10.11		
		<i>For >500 To 1,000, Deduct</i>	-2.53		
		<i>For >1,000 To 2,000, Deduct</i>	-4.94		
		<i>For >2,000 To 5,000, Deduct</i>	-7.60		
		<i>For >5,000, Deduct</i>	-11.39		
33 01 30 71-0060	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	113.71		
		<i>For Up To 75, Add</i>	24.18		
		<i>For >75 To 150, Add</i>	11.37		
		<i>For >500 To 1,000, Deduct</i>	-2.85		
		<i>For >1,000 To 2,000, Deduct</i>	-5.56		
		<i>For >2,000 To 5,000, Deduct</i>	-8.55		
		<i>For >5,000, Deduct</i>	-12.81		
33 01 30 71-0061	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	126.34		
		<i>For Up To 75, Add</i>	26.87		
		<i>For >75 To 150, Add</i>	12.63		
		<i>For >500 To 1,000, Deduct</i>	-3.17		
		<i>For >1,000 To 2,000, Deduct</i>	-6.17		
		<i>For >2,000 To 5,000, Deduct</i>	-9.50		
		<i>For >5,000, Deduct</i>	-14.23		
33 01 30 71-0062	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	138.97		
		<i>For Up To 75, Add</i>	29.55		
		<i>For >75 To 150, Add</i>	13.90		
		<i>For >500 To 1,000, Deduct</i>	-3.48		
		<i>For >1,000 To 2,000, Deduct</i>	-6.79		
		<i>For >2,000 To 5,000, Deduct</i>	-10.45		
		<i>For >5,000, Deduct</i>	-15.66		
33 01 30 71-0063	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	151.62		
		<i>For Up To 75, Add</i>	32.24		
		<i>For >75 To 150, Add</i>	15.16		
		<i>For >500 To 1,000, Deduct</i>	-3.80		
		<i>For >1,000 To 2,000, Deduct</i>	-7.41		
		<i>For >2,000 To 5,000, Deduct</i>	-11.40		
		<i>For >5,000, Deduct</i>	-17.08		
33 01 30 71-0064	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	164.25		
		<i>For Up To 75, Add</i>	34.93		
		<i>For >75 To 150, Add</i>	16.43		
		<i>For >500 To 1,000, Deduct</i>	-4.12		
		<i>For >1,000 To 2,000, Deduct</i>	-8.02		
		<i>For >2,000 To 5,000, Deduct</i>	-12.35		
		<i>For >5,000, Deduct</i>	-18.50		
33 01 30 71-0065	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	176.88		
		<i>For Up To 75, Add</i>	37.61		
		<i>For >75 To 150, Add</i>	17.69		
		<i>For >500 To 1,000, Deduct</i>	-4.43		
		<i>For >1,000 To 2,000, Deduct</i>	-8.64		
		<i>For >2,000 To 5,000, Deduct</i>	-13.30		
		<i>For >5,000, Deduct</i>	-19.93		

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 71-0066	LF 90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	189.52	
	For Up To 75, Add	40.30	
	For >75 To 150, Add	18.95	
	For >500 To 1,000, Deduct	-4.75	
	For >1,000 To 2,000, Deduct	-9.26	
	For >2,000 To 5,000, Deduct	-14.25	
	For >5,000, Deduct	-21.35	
33 01 30 71-0067	LF 96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	202.15	
	For Up To 75, Add	42.99	
	For >75 To 150, Add	20.22	
	For >500 To 1,000, Deduct	-5.07	
	For >1,000 To 2,000, Deduct	-9.88	
	For >2,000 To 5,000, Deduct	-15.20	
	For >5,000, Deduct	-22.77	
33 01 30 71-0068	LF 102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	214.79	
	For Up To 75, Add	45.68	
	For >75 To 150, Add	21.48	
	For >500 To 1,000, Deduct	-5.38	
	For >1,000 To 2,000, Deduct	-10.49	
	For >2,000 To 5,000, Deduct	-16.15	
	For >5,000, Deduct	-24.20	
33 01 30 71-0069	LF 108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	227.41	
	For Up To 75, Add	48.36	
	For >75 To 150, Add	22.74	
	For >500 To 1,000, Deduct	-5.70	
	For >1,000 To 2,000, Deduct	-11.11	
	For >2,000 To 5,000, Deduct	-17.10	
	For >5,000, Deduct	-25.62	
33 01 30 71-0070	LF 114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	240.05	
	For Up To 75, Add	51.05	
	For >75 To 150, Add	24.01	
	For >500 To 1,000, Deduct	-6.02	
	For >1,000 To 2,000, Deduct	-11.73	
	For >2,000 To 5,000, Deduct	-18.05	
	For >5,000, Deduct	-27.04	
33 01 30 71-0071	LF 120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	252.69	
	For Up To 75, Add	53.74	
	For >75 To 150, Add	25.27	
	For >500 To 1,000, Deduct	-6.33	
	For >1,000 To 2,000, Deduct	-12.35	
	For >2,000 To 5,000, Deduct	-19.00	
	For >5,000, Deduct	-28.47	
33 01 30 71-0072	SF Structure Lining, Spray Applied With 250 mil Structural Polyurethane.....	8.05	
33 01 30 71-0073	Lining Pipe, Spray Applied With 300 mil Structural Polyurethane <small>(33 01 30 71-0002)</small>		
	Note: Two part structural polyurethane.		
33 01 30 71-0074	LF 36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	88.19	
	For Up To 75, Add	18.65	
	For >75 To 150, Add	8.82	
	For >500 To 1,000, Deduct	-2.17	
	For >1,000 To 2,000, Deduct	-4.23	
	For >2,000 To 5,000, Deduct	-6.50	
	For >5,000, Deduct	-9.83	
33 01 30 71-0075	LF 42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	102.88	
	For Up To 75, Add	21.75	
	For >75 To 150, Add	10.29	
	For >500 To 1,000, Deduct	-2.53	
	For >1,000 To 2,000, Deduct	-4.94	
	For >2,000 To 5,000, Deduct	-7.59	
	For >5,000, Deduct	-11.47	
33 01 30 71-0076	LF 48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	117.58	
	For Up To 75, Add	24.86	
	For >75 To 150, Add	11.76	
	For >500 To 1,000, Deduct	-2.89	
	For >1,000 To 2,000, Deduct	-5.65	
	For >2,000 To 5,000, Deduct	-8.67	
	For >5,000, Deduct	-13.10	
33 01 30 71-0077	LF 54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	132.28	
	For Up To 75, Add	27.97	
	For >75 To 150, Add	13.23	
	For >500 To 1,000, Deduct	-3.25	
	For >1,000 To 2,000, Deduct	-6.35	
	For >2,000 To 5,000, Deduct	-9.75	
	For >5,000, Deduct	-14.74	
33 01 30 71-0078	LF 60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	146.98	
	For Up To 75, Add	31.08	
	For >75 To 150, Add	14.70	
	For >500 To 1,000, Deduct	-3.61	
	For >1,000 To 2,000, Deduct	-7.06	
	For >2,000 To 5,000, Deduct	-10.84	
	For >5,000, Deduct	-16.38	
33 01 30 71-0079	LF 66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	161.67	
	For Up To 75, Add	34.19	
	For >75 To 150, Add	16.17	
	For >500 To 1,000, Deduct	-3.97	
	For >1,000 To 2,000, Deduct	-7.76	
	For >2,000 To 5,000, Deduct	-11.92	
	For >5,000, Deduct	-18.02	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0080	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	176.36	
		<i>For Up To 75, Add</i>	37.29	
		<i>For >75 To 150, Add</i>	17.64	
		<i>For >500 To 1,000, Deduct</i>	-4.33	
		<i>For >1,000 To 2,000, Deduct</i>	-8.47	
		<i>For >2,000 To 5,000, Deduct</i>	-13.00	
		<i>For >5,000, Deduct</i>	-19.66	
33 01 30 71-0081	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	191.07	
		<i>For Up To 75, Add</i>	40.40	
		<i>For >75 To 150, Add</i>	19.11	
		<i>For >500 To 1,000, Deduct</i>	-4.70	
		<i>For >1,000 To 2,000, Deduct</i>	-9.17	
		<i>For >2,000 To 5,000, Deduct</i>	-14.09	
		<i>For >5,000, Deduct</i>	-21.29	
33 01 30 71-0082	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	205.76	
		<i>For Up To 75, Add</i>	43.51	
		<i>For >75 To 150, Add</i>	20.58	
		<i>For >500 To 1,000, Deduct</i>	-5.06	
		<i>For >1,000 To 2,000, Deduct</i>	-9.88	
		<i>For >2,000 To 5,000, Deduct</i>	-15.17	
		<i>For >5,000, Deduct</i>	-22.93	
33 01 30 71-0083	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	220.46	
		<i>For Up To 75, Add</i>	46.62	
		<i>For >75 To 150, Add</i>	22.05	
		<i>For >500 To 1,000, Deduct</i>	-5.42	
		<i>For >1,000 To 2,000, Deduct</i>	-10.59	
		<i>For >2,000 To 5,000, Deduct</i>	-16.26	
		<i>For >5,000, Deduct</i>	-24.57	
33 01 30 71-0084	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	235.16	
		<i>For Up To 75, Add</i>	49.72	
		<i>For >75 To 150, Add</i>	23.52	
		<i>For >500 To 1,000, Deduct</i>	-5.78	
		<i>For >1,000 To 2,000, Deduct</i>	-11.29	
		<i>For >2,000 To 5,000, Deduct</i>	-17.34	
		<i>For >5,000, Deduct</i>	-26.21	
33 01 30 71-0085	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	249.85	
		<i>For Up To 75, Add</i>	52.83	
		<i>For >75 To 150, Add</i>	24.99	
		<i>For >500 To 1,000, Deduct</i>	-6.14	
		<i>For >1,000 To 2,000, Deduct</i>	-12.00	
		<i>For >2,000 To 5,000, Deduct</i>	-18.42	
		<i>For >5,000, Deduct</i>	-27.85	
33 01 30 71-0086	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	264.55	
		<i>For Up To 75, Add</i>	55.94	
		<i>For >75 To 150, Add</i>	26.46	
		<i>For >500 To 1,000, Deduct</i>	-6.50	
		<i>For >1,000 To 2,000, Deduct</i>	-12.70	
		<i>For >2,000 To 5,000, Deduct</i>	-19.51	
		<i>For >5,000, Deduct</i>	-29.48	
33 01 30 71-0087	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	279.25	
		<i>For Up To 75, Add</i>	59.05	
		<i>For >75 To 150, Add</i>	27.93	
		<i>For >500 To 1,000, Deduct</i>	-6.86	
		<i>For >1,000 To 2,000, Deduct</i>	-13.41	
		<i>For >2,000 To 5,000, Deduct</i>	-20.59	
		<i>For >5,000, Deduct</i>	-31.12	
33 01 30 71-0088	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	293.95	
		<i>For Up To 75, Add</i>	62.16	
		<i>For >75 To 150, Add</i>	29.40	
		<i>For >500 To 1,000, Deduct</i>	-7.23	
		<i>For >1,000 To 2,000, Deduct</i>	-14.11	
		<i>For >2,000 To 5,000, Deduct</i>	-21.68	
		<i>For >5,000, Deduct</i>	-32.76	
33 01 30 71-0089	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	9.35	
33 01 30 71-0090 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane <small>(33 01 30 71-0092)</small>				
<i>Note: Two part structural polyurethane.</i>				
33 01 30 71-0091	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	113.03	
		<i>For Up To 75, Add</i>	23.73	
		<i>For >75 To 150, Add</i>	11.30	
		<i>For >500 To 1,000, Deduct</i>	-2.71	
		<i>For >1,000 To 2,000, Deduct</i>	-5.31	
		<i>For >2,000 To 5,000, Deduct</i>	-8.13	
		<i>For >5,000, Deduct</i>	-12.42	
33 01 30 71-0092	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	131.88	
		<i>For Up To 75, Add</i>	27.69	
		<i>For >75 To 150, Add</i>	13.19	
		<i>For >500 To 1,000, Deduct</i>	-3.16	
		<i>For >1,000 To 2,000, Deduct</i>	-6.19	
		<i>For >2,000 To 5,000, Deduct</i>	-9.48	
		<i>For >5,000, Deduct</i>	-14.50	
33 01 30 71-0093	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	150.71	
		<i>For Up To 75, Add</i>	31.64	
		<i>For >75 To 150, Add</i>	15.07	
		<i>For >500 To 1,000, Deduct</i>	-3.61	
		<i>For >1,000 To 2,000, Deduct</i>	-7.08	
		<i>For >2,000 To 5,000, Deduct</i>	-10.84	
		<i>For >5,000, Deduct</i>	-16.57	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 71-0094	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	169.56	
		<i>For Up To 75, Add</i>	35.60	
		<i>For >75 To 150, Add</i>	16.96	
		<i>For >500 To 1,000, Deduct</i>	-4.06	
		<i>For >1,000 To 2,000, Deduct</i>	-7.96	
		<i>For >2,000 To 5,000, Deduct</i>	-12.19	
		<i>For >5,000, Deduct</i>	-18.64	
33 01 30 71-0095	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	188.39	
		<i>For Up To 75, Add</i>	39.55	
		<i>For >75 To 150, Add</i>	18.84	
		<i>For >500 To 1,000, Deduct</i>	-4.52	
		<i>For >1,000 To 2,000, Deduct</i>	-8.84	
		<i>For >2,000 To 5,000, Deduct</i>	-13.55	
		<i>For >5,000, Deduct</i>	-20.71	
33 01 30 71-0096	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	207.24	
		<i>For Up To 75, Add</i>	43.51	
		<i>For >75 To 150, Add</i>	20.72	
		<i>For >500 To 1,000, Deduct</i>	-4.97	
		<i>For >1,000 To 2,000, Deduct</i>	-9.73	
		<i>For >2,000 To 5,000, Deduct</i>	-14.90	
		<i>For >5,000, Deduct</i>	-22.78	
33 01 30 71-0097	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	226.07	
		<i>For Up To 75, Add</i>	47.46	
		<i>For >75 To 150, Add</i>	22.61	
		<i>For >500 To 1,000, Deduct</i>	-5.42	
		<i>For >1,000 To 2,000, Deduct</i>	-10.61	
		<i>For >2,000 To 5,000, Deduct</i>	-16.26	
		<i>For >5,000, Deduct</i>	-24.85	
33 01 30 71-0098	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	244.91	
		<i>For Up To 75, Add</i>	51.41	
		<i>For >75 To 150, Add</i>	24.49	
		<i>For >500 To 1,000, Deduct</i>	-5.87	
		<i>For >1,000 To 2,000, Deduct</i>	-11.50	
		<i>For >2,000 To 5,000, Deduct</i>	-17.61	
		<i>For >5,000, Deduct</i>	-26.92	
33 01 30 71-0099	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	263.75	
		<i>For Up To 75, Add</i>	55.37	
		<i>For >75 To 150, Add</i>	26.38	
		<i>For >500 To 1,000, Deduct</i>	-6.32	
		<i>For >1,000 To 2,000, Deduct</i>	-12.38	
		<i>For >2,000 To 5,000, Deduct</i>	-18.97	
		<i>For >5,000, Deduct</i>	-28.99	
33 01 30 71-0100	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	282.59	
		<i>For Up To 75, Add</i>	59.32	
		<i>For >75 To 150, Add</i>	28.26	
		<i>For >500 To 1,000, Deduct</i>	-6.77	
		<i>For >1,000 To 2,000, Deduct</i>	-13.27	
		<i>For >2,000 To 5,000, Deduct</i>	-20.32	
		<i>For >5,000, Deduct</i>	-31.06	
33 01 30 71-0101	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	301.43	
		<i>For Up To 75, Add</i>	63.28	
		<i>For >75 To 150, Add</i>	30.14	
		<i>For >500 To 1,000, Deduct</i>	-7.23	
		<i>For >1,000 To 2,000, Deduct</i>	-14.15	
		<i>For >2,000 To 5,000, Deduct</i>	-21.68	
		<i>For >5,000, Deduct</i>	-33.13	
33 01 30 71-0102	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	320.27	
		<i>For Up To 75, Add</i>	67.23	
		<i>For >75 To 150, Add</i>	32.03	
		<i>For >500 To 1,000, Deduct</i>	-7.68	
		<i>For >1,000 To 2,000, Deduct</i>	-15.04	
		<i>For >2,000 To 5,000, Deduct</i>	-23.03	
		<i>For >5,000, Deduct</i>	-35.21	
33 01 30 71-0103	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	339.11	
		<i>For Up To 75, Add</i>	71.19	
		<i>For >75 To 150, Add</i>	33.91	
		<i>For >500 To 1,000, Deduct</i>	-8.13	
		<i>For >1,000 To 2,000, Deduct</i>	-15.92	
		<i>For >2,000 To 5,000, Deduct</i>	-24.39	
		<i>For >5,000, Deduct</i>	-37.28	
33 01 30 71-0104	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	357.95	
		<i>For Up To 75, Add</i>	75.14	
		<i>For >75 To 150, Add</i>	35.80	
		<i>For >500 To 1,000, Deduct</i>	-8.58	
		<i>For >1,000 To 2,000, Deduct</i>	-16.80	
		<i>For >2,000 To 5,000, Deduct</i>	-25.74	
		<i>For >5,000, Deduct</i>	-39.35	
33 01 30 71-0105	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	376.78	
		<i>For Up To 75, Add</i>	79.10	
		<i>For >75 To 150, Add</i>	37.68	
		<i>For >500 To 1,000, Deduct</i>	-9.03	
		<i>For >1,000 To 2,000, Deduct</i>	-17.69	
		<i>For >2,000 To 5,000, Deduct</i>	-27.09	
		<i>For >5,000, Deduct</i>	-41.42	
33 01 30 71-0106	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane.....	11.99	

33 01 30 71-0107 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane (33 01 30 71-0002)
 Note: Two part structural polyurethane.

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0108	LF 36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		138.18	
	For Up To 75, Add		28.88	
	For >75 To 150, Add		13.82	
	For >500 To 1,000, Deduct		-3.26	
	For >1,000 To 2,000, Deduct		-6.40	
	For >2,000 To 5,000, Deduct		-9.79	
	For >5,000, Deduct		-15.06	
33 01 30 71-0109	LF 42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		161.20	
	For Up To 75, Add		33.69	
	For >75 To 150, Add		16.12	
	For >500 To 1,000, Deduct		-3.81	
	For >1,000 To 2,000, Deduct		-7.47	
	For >2,000 To 5,000, Deduct		-11.42	
	For >5,000, Deduct		-17.57	
33 01 30 71-0110	LF 48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		184.24	
	For Up To 75, Add		38.51	
	For >75 To 150, Add		18.42	
	For >500 To 1,000, Deduct		-4.35	
	For >1,000 To 2,000, Deduct		-8.53	
	For >2,000 To 5,000, Deduct		-13.05	
	For >5,000, Deduct		-20.09	
33 01 30 71-0111	LF 54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		207.26	
	For Up To 75, Add		43.32	
	For >75 To 150, Add		20.73	
	For >500 To 1,000, Deduct		-4.89	
	For >1,000 To 2,000, Deduct		-9.60	
	For >2,000 To 5,000, Deduct		-14.68	
	For >5,000, Deduct		-22.60	
33 01 30 71-0112	LF 60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		230.29	
	For Up To 75, Add		48.14	
	For >75 To 150, Add		23.03	
	For >500 To 1,000, Deduct		-5.44	
	For >1,000 To 2,000, Deduct		-10.67	
	For >2,000 To 5,000, Deduct		-16.31	
	For >5,000, Deduct		-25.11	
33 01 30 71-0113	LF 66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		253.32	
	For Up To 75, Add		52.95	
	For >75 To 150, Add		25.33	
	For >500 To 1,000, Deduct		-5.98	
	For >1,000 To 2,000, Deduct		-11.73	
	For >2,000 To 5,000, Deduct		-17.94	
	For >5,000, Deduct		-27.62	
33 01 30 71-0114	LF 72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		276.36	
	For Up To 75, Add		57.77	
	For >75 To 150, Add		27.64	
	For >500 To 1,000, Deduct		-6.52	
	For >1,000 To 2,000, Deduct		-12.80	
	For >2,000 To 5,000, Deduct		-19.57	
	For >5,000, Deduct		-30.13	
33 01 30 71-0115	LF 78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		299.38	
	For Up To 75, Add		62.58	
	For >75 To 150, Add		29.94	
	For >500 To 1,000, Deduct		-7.07	
	For >1,000 To 2,000, Deduct		-13.87	
	For >2,000 To 5,000, Deduct		-21.20	
	For >5,000, Deduct		-32.64	
33 01 30 71-0116	LF 84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		322.42	
	For Up To 75, Add		67.39	
	For >75 To 150, Add		32.24	
	For >500 To 1,000, Deduct		-7.61	
	For >1,000 To 2,000, Deduct		-14.93	
	For >2,000 To 5,000, Deduct		-22.84	
	For >5,000, Deduct		-35.15	
33 01 30 71-0117	LF 90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		345.44	
	For Up To 75, Add		72.20	
	For >75 To 150, Add		34.54	
	For >500 To 1,000, Deduct		-8.16	
	For >1,000 To 2,000, Deduct		-16.00	
	For >2,000 To 5,000, Deduct		-24.47	
	For >5,000, Deduct		-37.66	
33 01 30 71-0118	LF 96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		368.47	
	For Up To 75, Add		77.02	
	For >75 To 150, Add		36.85	
	For >500 To 1,000, Deduct		-8.70	
	For >1,000 To 2,000, Deduct		-17.07	
	For >2,000 To 5,000, Deduct		-26.10	
	For >5,000, Deduct		-40.17	
33 01 30 71-0119	LF 102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		391.50	
	For Up To 75, Add		81.83	
	For >75 To 150, Add		39.15	
	For >500 To 1,000, Deduct		-9.24	
	For >1,000 To 2,000, Deduct		-18.13	
	For >2,000 To 5,000, Deduct		-27.73	
	For >5,000, Deduct		-42.68	
33 01 30 71-0120	LF 108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane		414.53	
	For Up To 75, Add		86.65	
	For >75 To 150, Add		41.45	
	For >500 To 1,000, Deduct		-9.79	
	For >1,000 To 2,000, Deduct		-19.20	
	For >2,000 To 5,000, Deduct		-29.36	
	For >5,000, Deduct		-45.19	

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 UNIT COST UNIT COST

33 01 30 71-0121	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	437.56
		For Up To 75, Add	91.46
		For >75 To 150, Add	43.76
		For >500 To 1,000, Deduct	-10.33
		For >1,000 To 2,000, Deduct	-20.27
		For >2,000 To 5,000, Deduct	-30.99
		For >5,000, Deduct	-47.70
33 01 30 71-0122	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	460.60
		For Up To 75, Add	96.28
		For >75 To 150, Add	46.06
		For >500 To 1,000, Deduct	-10.87
		For >1,000 To 2,000, Deduct	-21.33
		For >2,000 To 5,000, Deduct	-32.62
		For >5,000, Deduct	-50.22
33 01 30 71-0123	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane.....	14.66

33 01 30 72 Cured-in-Place Pipe Lining (33 01 30)

33 01 30 72-0001		Cured-In-Place Pipe (CIPP) Relining Underground Pipelines (33 01 30 72) Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.	
33 01 30 72-0002		Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion (33 01 30 72-0001)	
33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,260.77
33 01 30 72-0004	EA	Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,101.28
33 01 30 72-0005	EA	Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	3,151.92
33 01 30 72-0006	EA	Initial Set Up And Final Equipment Removal For Relining Underground Pipelines Cured In-Place Pipe (CIPP).....	4,202.56
33 01 30 72-0007	EA	Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	630.38
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,050.64
33 01 30 72-0009	EA	Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,313.30
33 01 30 72-0010	EA	Move And Reset Up At Different Access/Location For Relining Underground Pipelines Cured In-Place Pipe (CIPP).....	1,681.02
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	1,050.64
		Note: Need to mix wet material in bag prior to installation.	
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,521.53
		Note: Need to mix wet material in bag prior to installation.	
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	4,202.56
		Note: Need to mix wet material in bag prior to installation.	
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" To 72" Underground Pipelines Cured In-Place Pipe (CIPP).....	6,303.84
		Note: Need to mix wet material in bag prior to installation.	
33 01 30 72-0015		Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) (33 01 30 72-0001) Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting.	
33 01 30 72-0016		4.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)	
33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	15.69
		For Vinylster Resin, Add	3.26
		For Epoxy Resin, Add	0.38
		For Up To >10, Add	35.42
		For >10 To 25, Add	28.74
		For >25 To 50, Add	17.48
		For >50 To 100, Add	8.74
		For >500 To 1,000, Deduct	-1.06
		For >1,000 To 2,000, Deduct	-1.73
		For >2,000 To 5,000, Deduct	-3.32
		For >5,000, Deduct	-5.34
33 01 30 72-0018	LF	4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	18.24
		For Vinylster Resin, Add	5.05
		For Epoxy Resin, Add	0.59
		For Up To >10, Add	36.70
		For >10 To 25, Add	29.38
		For >25 To 50, Add	17.99
		For >50 To 100, Add	8.99
		For >500 To 1,000, Deduct	-1.19
		For >1,000 To 2,000, Deduct	-1.92
		For >2,000 To 5,000, Deduct	-3.62
		For >5,000, Deduct	-5.85
33 01 30 72-0019	LF	4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	20.80
		For Vinylster Resin, Add	6.84
		For Epoxy Resin, Add	0.81
		For Up To >10, Add	37.98
		For >10 To 25, Add	30.02
		For >25 To 50, Add	18.50
		For >50 To 100, Add	9.25
		For >500 To 1,000, Deduct	-1.32
		For >1,000 To 2,000, Deduct	-2.11
		For >2,000 To 5,000, Deduct	-3.93
		For >5,000, Deduct	-6.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0020	LF		4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	26.96	
			For Vinylster Resin, Add	10.42	
			For Epoxy Resin, Add	1.23	
			For Up To >10, Add	43.68	
			For >10 To 25, Add	33.92	
			For >25 To 50, Add	21.10	
			For >50 To 100, Add	10.55	
			For >500 To 1,000, Deduct	-1.65	
			For >1,000 To 2,000, Deduct	-2.63	
			For >2,000 To 5,000, Deduct	-4.81	
			For >5,000, Deduct	-7.81	
33 01 30 72-0021	LF		4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	33.12	
			For Vinylster Resin, Add	13.99	
			For Epoxy Resin, Add	1.65	
			For Up To >10, Add	49.39	
			For >10 To 25, Add	37.82	
			For >25 To 50, Add	23.69	
			For >50 To 100, Add	11.85	
			For >500 To 1,000, Deduct	-1.98	
			For >1,000 To 2,000, Deduct	-3.14	
			For >2,000 To 5,000, Deduct	-5.68	
			For >5,000, Deduct	-9.25	
33 01 30 72-0022			6mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0023	LF		6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	20.44	
			For Vinylster Resin, Add	6.59	
			For Epoxy Resin, Add	0.78	
			For Up To >10, Add	37.80	
			For >10 To 25, Add	29.93	
			For >25 To 50, Add	18.43	
			For >50 To 100, Add	9.21	
			For >500 To 1,000, Deduct	-1.30	
			For >1,000 To 2,000, Deduct	-2.08	
			For >2,000 To 5,000, Deduct	-3.89	
			For >5,000, Deduct	-6.29	
33 01 30 72-0024	LF		6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	23.85	
			For Vinylster Resin, Add	8.97	
			For Epoxy Resin, Add	1.06	
			For Up To >10, Add	39.50	
			For >10 To 25, Add	30.78	
			For >25 To 50, Add	19.11	
			For >50 To 100, Add	9.55	
			For >500 To 1,000, Deduct	-1.47	
			For >1,000 To 2,000, Deduct	-2.34	
			For >2,000 To 5,000, Deduct	-4.30	
			For >5,000, Deduct	-6.98	
33 01 30 72-0025	LF		6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	31.71	
			For Vinylster Resin, Add	13.74	
			For Epoxy Resin, Add	1.62	
			For Up To >10, Add	46.06	
			For >10 To 25, Add	35.11	
			For >25 To 50, Add	22.05	
			For >50 To 100, Add	11.02	
			For >500 To 1,000, Deduct	-1.89	
			For >1,000 To 2,000, Deduct	-2.98	
			For >2,000 To 5,000, Deduct	-5.38	
			For >5,000, Deduct	-8.76	
33 01 30 72-0026	LF		6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	39.58	
			For Vinylster Resin, Add	18.52	
			For Epoxy Resin, Add	2.18	
			For Up To >10, Add	52.62	
			For >10 To 25, Add	39.44	
			For >25 To 50, Add	24.99	
			For >50 To 100, Add	12.49	
			For >500 To 1,000, Deduct	-2.31	
			For >1,000 To 2,000, Deduct	-3.63	
			For >2,000 To 5,000, Deduct	-6.46	
			For >5,000, Deduct	-10.54	
33 01 30 72-0027	LF		6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	47.55	
			For Vinylster Resin, Add	23.28	
			For Epoxy Resin, Add	2.74	
			For Up To >10, Add	59.50	
			For >10 To 25, Add	44.04	
			For >25 To 50, Add	28.09	
			For >50 To 100, Add	14.04	
			For >500 To 1,000, Deduct	-2.73	
			For >1,000 To 2,000, Deduct	-4.28	
			For >2,000 To 5,000, Deduct	-7.56	
			For >5,000, Deduct	-12.37	
33 01 30 72-0028	LF		6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	55.83	
			For Vinylster Resin, Add	28.05	
			For Epoxy Resin, Add	3.31	
			For Up To >10, Add	67.32	
			For >10 To 25, Add	49.42	
			For >25 To 50, Add	31.65	
			For >50 To 100, Add	15.83	
			For >500 To 1,000, Deduct	-3.19	
			For >1,000 To 2,000, Deduct	-4.98	
			For >2,000 To 5,000, Deduct	-8.75	
			For >5,000, Deduct	-14.32	

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33 01 30 72-0029	7.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0030	LF 7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	26.80	
	For Vinlyester Resin, Add	11.04	
	For Epoxy Resin, Add	1.30	
	For Up To >10, Add	40.98	
	For >10 To 25, Add	31.52	
	For >25 To 50, Add	19.70	
	For >50 To 100, Add	9.85	
	For >500 To 1,000, Deduct	-1.62	
	For >1,000 To 2,000, Deduct	-2.56	
	For >2,000 To 5,000, Deduct	-4.65	
	For >5,000, Deduct	-7.57	
33 01 30 72-0031	LF 7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	36.37	
	For Vinlyester Resin, Add	17.00	
	For Epoxy Resin, Add	2.00	
	For Up To >10, Add	48.39	
	For >10 To 25, Add	36.27	
	For >25 To 50, Add	22.98	
	For >50 To 100, Add	11.49	
	For >500 To 1,000, Deduct	-2.12	
	For >1,000 To 2,000, Deduct	-3.33	
	For >2,000 To 5,000, Deduct	-5.93	
	For >5,000, Deduct	-9.69	
33 01 30 72-0032	LF 7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	45.94	
	For Vinlyester Resin, Add	22.97	
	For Epoxy Resin, Add	2.71	
	For Up To >10, Add	55.80	
	For >10 To 25, Add	41.03	
	For >25 To 50, Add	26.26	
	For >50 To 100, Add	13.13	
	For >500 To 1,000, Deduct	-2.63	
	For >1,000 To 2,000, Deduct	-4.10	
	For >2,000 To 5,000, Deduct	-7.22	
	For >5,000, Deduct	-11.81	
33 01 30 72-0033	LF 7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	55.61	
	For Vinlyester Resin, Add	28.92	
	For Epoxy Resin, Add	3.41	
	For Up To >10, Add	63.53	
	For >10 To 25, Add	46.06	
	For >25 To 50, Add	29.70	
	For >50 To 100, Add	14.85	
	For >500 To 1,000, Deduct	-3.14	
	For >1,000 To 2,000, Deduct	-4.89	
	For >2,000 To 5,000, Deduct	-8.53	
	For >5,000, Deduct	-13.98	
33 01 30 72-0034	LF 7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	65.60	
	For Vinlyester Resin, Add	34.89	
	For Epoxy Resin, Add	4.11	
	For Up To >10, Add	72.20	
	For >10 To 25, Add	51.86	
	For >25 To 50, Add	33.61	
	For >50 To 100, Add	16.80	
	For >500 To 1,000, Deduct	-3.67	
	For >1,000 To 2,000, Deduct	-5.71	
	For >2,000 To 5,000, Deduct	-9.92	
	For >5,000, Deduct	-16.27	
33 01 30 72-0035	LF 7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	80.47	
	For Vinlyester Resin, Add	43.83	
	For Epoxy Resin, Add	5.17	
	For Up To >10, Add	84.89	
	For >10 To 25, Add	60.30	
	For >25 To 50, Add	39.31	
	For >50 To 100, Add	19.66	
	For >500 To 1,000, Deduct	-4.47	
	For >1,000 To 2,000, Deduct	-6.93	
	For >2,000 To 5,000, Deduct	-11.98	
	For >5,000, Deduct	-19.67	
33 01 30 72-0036	LF 7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	95.55	
	For Vinlyester Resin, Add	52.77	
	For Epoxy Resin, Add	6.22	
	For Up To >10, Add	98.20	
	For >10 To 25, Add	69.27	
	For >25 To 50, Add	45.33	
	For >50 To 100, Add	22.67	
	For >500 To 1,000, Deduct	-5.28	
	For >1,000 To 2,000, Deduct	-8.17	
	For >2,000 To 5,000, Deduct	-14.09	
	For >5,000, Deduct	-23.14	

 33 01 30 72-0037 9mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

33 01 30 72-0038	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	40.92	
		<i>For Vinylster Resin, Add</i>	20.19	
		<i>For Epoxy Resin, Add</i>	2.38	
		<i>For Up To >10, Add</i>	50.66	
		<i>For >10 To 25, Add</i>	37.41	
		<i>For >25 To 50, Add</i>	23.89	
		<i>For >50 To 100, Add</i>	11.94	
		<i>For >500 To 1,000, Deduct</i>	-2.35	
		<i>For >1,000 To 2,000, Deduct</i>	-3.67	
		<i>For >2,000 To 5,000, Deduct</i>	-6.48	
		<i>For >5,000, Deduct</i>	-10.60	
33 01 30 72-0039	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	52.19	
		<i>For Vinylster Resin, Add</i>	27.34	
		<i>For Epoxy Resin, Add</i>	3.22	
		<i>For Up To >10, Add</i>	58.92	
		<i>For >10 To 25, Add</i>	42.59	
		<i>For >25 To 50, Add</i>	27.51	
		<i>For >50 To 100, Add</i>	13.75	
		<i>For >500 To 1,000, Deduct</i>	-2.94	
		<i>For >1,000 To 2,000, Deduct</i>	-4.57	
		<i>For >2,000 To 5,000, Deduct</i>	-7.97	
		<i>For >5,000, Deduct</i>	-13.06	
33 01 30 72-0040	LF	9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	63.58	
		<i>For Vinylster Resin, Add</i>	34.50	
		<i>For Epoxy Resin, Add</i>	4.07	
		<i>For Up To >10, Add</i>	67.52	
		<i>For >10 To 25, Add</i>	48.05	
		<i>For >25 To 50, Add</i>	31.29	
		<i>For >50 To 100, Add</i>	15.65	
		<i>For >500 To 1,000, Deduct</i>	-3.54	
		<i>For >1,000 To 2,000, Deduct</i>	-5.48	
		<i>For >2,000 To 5,000, Deduct</i>	-9.49	
		<i>For >5,000, Deduct</i>	-15.57	
33 01 30 72-0041	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	75.26	
		<i>For Vinylster Resin, Add</i>	41.65	
		<i>For Epoxy Resin, Add</i>	4.91	
		<i>For Up To >10, Add</i>	77.03	
		<i>For >10 To 25, Add</i>	54.28	
		<i>For >25 To 50, Add</i>	35.54	
		<i>For >50 To 100, Add</i>	17.77	
		<i>For >500 To 1,000, Deduct</i>	-4.16	
		<i>For >1,000 To 2,000, Deduct</i>	-6.43	
		<i>For >2,000 To 5,000, Deduct</i>	-11.08	
		<i>For >5,000, Deduct</i>	-18.20	
33 01 30 72-0042	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	92.69	
		<i>For Vinylster Resin, Add</i>	52.38	
		<i>For Epoxy Resin, Add</i>	6.17	
		<i>For Up To >10, Add</i>	91.00	
		<i>For >10 To 25, Add</i>	63.36	
		<i>For >25 To 50, Add</i>	41.76	
		<i>For >50 To 100, Add</i>	20.88	
		<i>For >500 To 1,000, Deduct</i>	-5.08	
		<i>For >1,000 To 2,000, Deduct</i>	-7.84	
		<i>For >2,000 To 5,000, Deduct</i>	-13.44	
		<i>For >5,000, Deduct</i>	-22.11	
33 01 30 72-0043	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	110.33	
		<i>For Vinylster Resin, Add</i>	63.11	
		<i>For Epoxy Resin, Add</i>	7.44	
		<i>For Up To >10, Add</i>	105.59	
		<i>For >10 To 25, Add</i>	72.97	
		<i>For >25 To 50, Add</i>	48.29	
		<i>For >50 To 100, Add</i>	24.14	
		<i>For >500 To 1,000, Deduct</i>	-6.02	
		<i>For >1,000 To 2,000, Deduct</i>	-9.28	
		<i>For >2,000 To 5,000, Deduct</i>	-15.86	
		<i>For >5,000, Deduct</i>	-26.10	
33 01 30 72-0044	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	127.35	
		<i>For Vinylster Resin, Add</i>	73.84	
		<i>For Epoxy Resin, Add</i>	8.70	
		<i>For Up To >10, Add</i>	118.33	
		<i>For >10 To 25, Add</i>	81.02	
		<i>For >25 To 50, Add</i>	53.89	
		<i>For >50 To 100, Add</i>	26.94	
		<i>For >500 To 1,000, Deduct</i>	-6.91	
		<i>For >1,000 To 2,000, Deduct</i>	-10.64	
		<i>For >2,000 To 5,000, Deduct</i>	-18.12	
		<i>For >5,000, Deduct</i>	-29.84	
33 01 30 72-0045	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	144.67	
		<i>For Vinylster Resin, Add</i>	84.57	
		<i>For Epoxy Resin, Add</i>	9.97	
		<i>For Up To >10, Add</i>	131.96	
		<i>For >10 To 25, Add</i>	89.83	
		<i>For >25 To 50, Add</i>	59.94	
		<i>For >50 To 100, Add</i>	29.97	
		<i>For >500 To 1,000, Deduct</i>	-7.83	
		<i>For >1,000 To 2,000, Deduct</i>	-12.04	
		<i>For >2,000 To 5,000, Deduct</i>	-20.46	
		<i>For >5,000, Deduct</i>	-33.70	

33 01 30 72-0046 10.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

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 UNIT COST UNIT COST

33 01 30 72-0047	LF 10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	104.81
	For Vinylster Resin, Add	60.87
	For Epoxy Resin, Add	7.17
	For Up To >10, Add	97.06
	For >10 To 25, Add	66.39
	For >25 To 50, Add	44.18
	For >50 To 100, Add	22.09
	For >500 To 1,000, Deduct	-5.69
	For >1,000 To 2,000, Deduct	-8.75
	For >2,000 To 5,000, Deduct	-14.90
	For >5,000, Deduct	-24.53
33 01 30 72-0048	LF 10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	125.00
	For Vinylster Resin, Add	73.38
	For Epoxy Resin, Add	8.65
	For Up To >10, Add	112.93
	For >10 To 25, Add	76.63
	For >25 To 50, Add	51.22
	For >50 To 100, Add	25.61
	For >500 To 1,000, Deduct	-6.75
	For >1,000 To 2,000, Deduct	-10.38
	For >2,000 To 5,000, Deduct	-17.62
	For >5,000, Deduct	-29.03
33 01 30 72-0049	LF 10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	144.58
	For Vinylster Resin, Add	85.90
	For Epoxy Resin, Add	10.12
	For Up To >10, Add	126.94
	For >10 To 25, Add	85.33
	For >25 To 50, Add	57.33
	For >50 To 100, Add	28.67
	For >500 To 1,000, Deduct	-7.78
	For >1,000 To 2,000, Deduct	-11.94
	For >2,000 To 5,000, Deduct	-20.19
	For >5,000, Deduct	-33.29
33 01 30 72-0050	LF 10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	164.45
	For Vinylster Resin, Add	98.42
	For Epoxy Resin, Add	11.60
	For Up To >10, Add	141.85
	For >10 To 25, Add	94.78
	For >25 To 50, Add	63.90
	For >50 To 100, Add	31.95
	For >500 To 1,000, Deduct	-8.82
	For >1,000 To 2,000, Deduct	-13.53
	For >2,000 To 5,000, Deduct	-22.83
	For >5,000, Deduct	-37.66
33 01 30 72-0051	LF 10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	184.74
	For Vinylster Resin, Add	110.94
	For Epoxy Resin, Add	13.07
	For Up To >10, Add	158.02
	For >10 To 25, Add	105.27
	For >25 To 50, Add	71.09
	For >50 To 100, Add	35.54
	For >500 To 1,000, Deduct	-9.89
	For >1,000 To 2,000, Deduct	-15.17
	For >2,000 To 5,000, Deduct	-25.58
	For >5,000, Deduct	-42.20
33 01 30 72-0052	LF 10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	205.58
	For Vinylster Resin, Add	123.46
	For Epoxy Resin, Add	14.55
	For Up To >10, Add	175.82
	For >10 To 25, Add	117.12
	For >25 To 50, Add	79.09
	For >50 To 100, Add	39.54
	For >500 To 1,000, Deduct	-11.01
	For >1,000 To 2,000, Deduct	-16.88
	For >2,000 To 5,000, Deduct	-28.47
	For >5,000, Deduct	-46.96
33 01 30 72-0053	LF 10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	245.02
	For Vinylster Resin, Add	148.49
	For Epoxy Resin, Add	17.50
	For Up To >10, Add	204.74
	For >10 To 25, Add	135.26
	For >25 To 50, Add	91.76
	For >50 To 100, Add	45.88
	For >500 To 1,000, Deduct	-13.07
	For >1,000 To 2,000, Deduct	-20.02
	For >2,000 To 5,000, Deduct	-33.68
	For >5,000, Deduct	-55.58
33 01 30 72-0054	12mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0055	LF 12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	116.83
	For Vinylster Resin, Add	69.28
	For Epoxy Resin, Add	8.17
	For Up To >10, Add	103.07
	For >10 To 25, Add	69.39
	For >25 To 50, Add	46.58
	For >50 To 100, Add	23.29
	For >500 To 1,000, Deduct	-6.29
	For >1,000 To 2,000, Deduct	-9.66
	For >2,000 To 5,000, Deduct	-16.34
	For >5,000, Deduct	-26.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0056	LF 12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	139.58	
	For Vinylster Resin, Add	83.59	
	For Epoxy Resin, Add	9.85	
	For Up To >10, Add	120.22	
	For >10 To 25, Add	80.28	
	For >25 To 50, Add	54.14	
	For >50 To 100, Add	27.07	
	For >500 To 1,000, Deduct	-7.48	
	For >1,000 To 2,000, Deduct	-11.48	
	For >2,000 To 5,000, Deduct	-19.37	
	For >5,000, Deduct	-31.95	
33 01 30 72-0057	LF 12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	161.71	
	For Vinylster Resin, Add	97.90	
	For Epoxy Resin, Add	11.54	
	For Up To >10, Add	135.51	
	For >10 To 25, Add	89.61	
	For >25 To 50, Add	60.76	
	For >50 To 100, Add	30.38	
	For >500 To 1,000, Deduct	-8.63	
	For >1,000 To 2,000, Deduct	-13.22	
	For >2,000 To 5,000, Deduct	-22.25	
	For >5,000, Deduct	-36.71	
33 01 30 72-0058	LF 12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	184.13	
	For Vinylster Resin, Add	112.20	
	For Epoxy Resin, Add	13.22	
	For Up To >10, Add	151.69	
	For >10 To 25, Add	99.70	
	For >25 To 50, Add	67.83	
	For >50 To 100, Add	33.92	
	For >500 To 1,000, Deduct	-9.80	
	For >1,000 To 2,000, Deduct	-15.00	
	For >2,000 To 5,000, Deduct	-25.20	
	For >5,000, Deduct	-41.60	
33 01 30 72-0059	LF 12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	206.98	
	For Vinylster Resin, Add	126.50	
	For Epoxy Resin, Add	14.91	
	For Up To >10, Add	169.14	
	For >10 To 25, Add	110.83	
	For >25 To 50, Add	75.53	
	For >50 To 100, Add	37.77	
	For >500 To 1,000, Deduct	-11.01	
	For >1,000 To 2,000, Deduct	-16.84	
	For >2,000 To 5,000, Deduct	-28.25	
	For >5,000, Deduct	-46.65	
33 01 30 72-0060	LF 12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	230.37	
	For Vinylster Resin, Add	140.81	
	For Epoxy Resin, Add	16.60	
	For Up To >10, Add	188.21	
	For >10 To 25, Add	123.32	
	For >25 To 50, Add	84.05	
	For >50 To 100, Add	42.02	
	For >500 To 1,000, Deduct	-12.25	
	For >1,000 To 2,000, Deduct	-18.74	
	For >2,000 To 5,000, Deduct	-31.44	
	For >5,000, Deduct	-51.92	
33 01 30 72-0061	LF 12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	274.92	
	For Vinylster Resin, Add	169.42	
	For Epoxy Resin, Add	19.97	
	For Up To >10, Add	219.69	
	For >10 To 25, Add	142.73	
	For >25 To 50, Add	97.74	
	For >50 To 100, Add	48.87	
	For >500 To 1,000, Deduct	-14.57	
	For >1,000 To 2,000, Deduct	-22.26	
	For >2,000 To 5,000, Deduct	-37.27	
	For >5,000, Deduct	-61.56	
33 01 30 72-0062	LF 12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	320.42	
	For Vinylster Resin, Add	198.04	
	For Epoxy Resin, Add	23.34	
	For Up To >10, Add	253.99	
	For >10 To 25, Add	164.50	
	For >25 To 50, Add	112.85	
	For >50 To 100, Add	56.42	
	For >500 To 1,000, Deduct	-16.96	
	For >1,000 To 2,000, Deduct	-25.91	
	For >2,000 To 5,000, Deduct	-43.33	
	For >5,000, Deduct	-71.59	
33 01 30 72-0063	LF 12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	367.59	
	For Vinylster Resin, Add	226.65	
	For Epoxy Resin, Add	26.71	
	For Up To >10, Add	293.32	
	For >10 To 25, Add	190.47	
	For >25 To 50, Add	130.47	
	For >50 To 100, Add	65.24	
	For >500 To 1,000, Deduct	-19.47	
	For >1,000 To 2,000, Deduct	-29.76	
	For >2,000 To 5,000, Deduct	-49.81	
	For >5,000, Deduct	-82.28	

33 01 30 72-0064 13.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0065	LF 13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	128.75	
	For Vinlyester Resin, Add	77.62	
	For Epoxy Resin, Add	9.15	
	For Up To >10, Add	109.03	
	For >10 To 25, Add	72.37	
	For >25 To 50, Add	48.97	
	For >50 To 100, Add	24.48	
	For >500 To 1,000, Deduct	-6.88	
	For >1,000 To 2,000, Deduct	-10.55	
	For >2,000 To 5,000, Deduct	-17.77	
	For >5,000, Deduct	-29.32	
33 01 30 72-0066	LF 13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	154.05	
	For Vinlyester Resin, Add	93.72	
	For Epoxy Resin, Add	11.05	
	For Up To >10, Add	127.45	
	For >10 To 25, Add	83.90	
	For >25 To 50, Add	57.03	
	For >50 To 100, Add	28.52	
	For >500 To 1,000, Deduct	-8.21	
	For >1,000 To 2,000, Deduct	-12.56	
	For >2,000 To 5,000, Deduct	-21.11	
	For >5,000, Deduct	-34.84	
33 01 30 72-0067	LF 13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	178.73	
	For Vinlyester Resin, Add	109.81	
	For Epoxy Resin, Add	12.94	
	For Up To >10, Add	144.02	
	For >10 To 25, Add	93.87	
	For >25 To 50, Add	64.16	
	For >50 To 100, Add	32.08	
	For >500 To 1,000, Deduct	-9.48	
	For >1,000 To 2,000, Deduct	-14.50	
	For >2,000 To 5,000, Deduct	-24.29	
	For >5,000, Deduct	-40.12	
33 01 30 72-0068	LF 13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	203.72	
	For Vinlyester Resin, Add	125.91	
	For Epoxy Resin, Add	14.84	
	For Up To >10, Add	161.49	
	For >10 To 25, Add	104.59	
	For >25 To 50, Add	71.75	
	For >50 To 100, Add	35.87	
	For >500 To 1,000, Deduct	-10.78	
	For >1,000 To 2,000, Deduct	-16.47	
	For >2,000 To 5,000, Deduct	-27.55	
	For >5,000, Deduct	-45.51	
33 01 30 72-0069	LF 13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	229.12	
	For Vinlyester Resin, Add	142.00	
	For Epoxy Resin, Add	16.74	
	For Up To >10, Add	180.21	
	For >10 To 25, Add	116.37	
	For >25 To 50, Add	79.96	
	For >50 To 100, Add	39.98	
	For >500 To 1,000, Deduct	-12.11	
	For >1,000 To 2,000, Deduct	-18.50	
	For >2,000 To 5,000, Deduct	-30.91	
	For >5,000, Deduct	-51.08	
33 01 30 72-0070	LF 13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	255.06	
	For Vinlyester Resin, Add	158.10	
	For Epoxy Resin, Add	18.63	
	For Up To >10, Add	200.56	
	For >10 To 25, Add	129.49	
	For >25 To 50, Add	88.99	
	For >50 To 100, Add	44.49	
	For >500 To 1,000, Deduct	-13.48	
	For >1,000 To 2,000, Deduct	-20.59	
	For >2,000 To 5,000, Deduct	-34.40	
	For >5,000, Deduct	-56.85	
33 01 30 72-0071	LF 13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	304.73	
	For Vinlyester Resin, Add	190.29	
	For Epoxy Resin, Add	22.43	
	For Up To >10, Add	234.59	
	For >10 To 25, Add	150.19	
	For >25 To 50, Add	103.70	
	For >50 To 100, Add	51.85	
	For >500 To 1,000, Deduct	-16.06	
	For >1,000 To 2,000, Deduct	-24.50	
	For >2,000 To 5,000, Deduct	-40.84	
	For >5,000, Deduct	-67.52	
33 01 30 72-0072	LF 13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.33	
	For Vinlyester Resin, Add	222.47	
	For Epoxy Resin, Add	26.22	
	For Up To >10, Add	271.44	
	For >10 To 25, Add	173.23	
	For >25 To 50, Add	119.83	
	For >50 To 100, Add	59.91	
	For >500 To 1,000, Deduct	-18.70	
	For >1,000 To 2,000, Deduct	-28.53	
	For >2,000 To 5,000, Deduct	-47.52	
	For >5,000, Deduct	-78.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0073	LF		13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	407.61	
			For Vinylester Resin, Add	254.66	
			For Epoxy Resin, Add	30.01	
			For Up To >10, Add	313.33	
			For >10 To 25, Add	200.48	
			For >25 To 50, Add	138.48	
			For >50 To 100, Add	69.24	
			For >500 To 1,000, Deduct	-21.48	
			For >1,000 To 2,000, Deduct	-32.76	
			For >2,000 To 5,000, Deduct	-54.61	
			For >5,000, Deduct	-90.28	
33 01 30 72-0074			15mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0075	LF		15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	140.57	
			For Vinylester Resin, Add	85.90	
			For Epoxy Resin, Add	10.12	
			For Up To >10, Add	114.94	
			For >10 To 25, Add	75.33	
			For >25 To 50, Add	51.33	
			For >50 To 100, Add	25.67	
			For >500 To 1,000, Deduct	-7.48	
			For >1,000 To 2,000, Deduct	-11.44	
			For >2,000 To 5,000, Deduct	-19.19	
			For >5,000, Deduct	-31.69	
33 01 30 72-0076	LF		15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	168.42	
			For Vinylester Resin, Add	103.78	
			For Epoxy Resin, Add	12.23	
			For Up To >10, Add	134.64	
			For >10 To 25, Add	87.49	
			For >25 To 50, Add	59.91	
			For >50 To 100, Add	29.95	
			For >500 To 1,000, Deduct	-8.93	
			For >1,000 To 2,000, Deduct	-13.64	
			For >2,000 To 5,000, Deduct	-22.83	
			For >5,000, Deduct	-37.72	
33 01 30 72-0077	LF		15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	195.66	
			For Vinylester Resin, Add	121.66	
			For Epoxy Resin, Add	14.34	
			For Up To >10, Add	152.48	
			For >10 To 25, Add	98.10	
			For >25 To 50, Add	67.55	
			For >50 To 100, Add	33.78	
			For >500 To 1,000, Deduct	-10.33	
			For >1,000 To 2,000, Deduct	-15.77	
			For >2,000 To 5,000, Deduct	-26.32	
			For >5,000, Deduct	-43.50	
33 01 30 72-0078	LF		15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	223.20	
			For Vinylester Resin, Add	139.55	
			For Epoxy Resin, Add	16.45	
			For Up To >10, Add	171.23	
			For >10 To 25, Add	109.46	
			For >25 To 50, Add	75.65	
			For >50 To 100, Add	37.82	
			For >500 To 1,000, Deduct	-11.76	
			For >1,000 To 2,000, Deduct	-17.93	
			For >2,000 To 5,000, Deduct	-29.88	
			For >5,000, Deduct	-49.41	
33 01 30 72-0079	LF		15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	251.15	
			For Vinylester Resin, Add	157.42	
			For Epoxy Resin, Add	18.55	
			For Up To >10, Add	191.23	
			For >10 To 25, Add	121.87	
			For >25 To 50, Add	84.37	
			For >50 To 100, Add	42.18	
			For >500 To 1,000, Deduct	-13.21	
			For >1,000 To 2,000, Deduct	-20.15	
			For >2,000 To 5,000, Deduct	-33.55	
			For >5,000, Deduct	-55.48	
33 01 30 72-0080	LF		15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	279.65	
			For Vinylester Resin, Add	175.31	
			For Epoxy Resin, Add	20.66	
			For Up To >10, Add	212.85	
			For >10 To 25, Add	135.64	
			For >25 To 50, Add	93.90	
			For >50 To 100, Add	46.95	
			For >500 To 1,000, Deduct	-14.71	
			For >1,000 To 2,000, Deduct	-22.43	
			For >2,000 To 5,000, Deduct	-37.36	
			For >5,000, Deduct	-61.77	
33 01 30 72-0081	LF		15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	334.43	
			For Vinylester Resin, Add	211.08	
			For Epoxy Resin, Add	24.88	
			For Up To >10, Add	249.44	
			For >10 To 25, Add	157.61	
			For >25 To 50, Add	109.64	
			For >50 To 100, Add	54.82	
			For >500 To 1,000, Deduct	-17.54	
			For >1,000 To 2,000, Deduct	-26.73	
			For >2,000 To 5,000, Deduct	-44.41	
			For >5,000, Deduct	-73.46	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0082	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	390.14
		For Vinylster Resin, Add	246.84
		For Epoxy Resin, Add	29.09
		For Up To >10, Add	288.85
		For >10 To 25, Add	181.93
		For >25 To 50, Add	126.79
		For >50 To 100, Add	63.40
		For >500 To 1,000, Deduct	-20.44
		For >1,000 To 2,000, Deduct	-31.14
		For >2,000 To 5,000, Deduct	-51.69
		For >5,000, Deduct	-85.53
33 01 30 72-0083	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	447.53
		For Vinylster Resin, Add	282.60
		For Epoxy Resin, Add	33.31
		For Up To >10, Add	333.29
		For >10 To 25, Add	210.46
		For >25 To 50, Add	146.46
		For >50 To 100, Add	73.23
		For >500 To 1,000, Deduct	-23.47
		For >1,000 To 2,000, Deduct	-35.76
		For >2,000 To 5,000, Deduct	-59.40
		For >5,000, Deduct	-98.27
33 01 30 72-0084		16.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0085	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	182.69
		For Vinylster Resin, Add	113.76
		For Epoxy Resin, Add	13.41
		For Up To >10, Add	141.77
		For >10 To 25, Add	91.06
		For >25 To 50, Add	62.76
		For >50 To 100, Add	31.38
		For >500 To 1,000, Deduct	-9.64
		For >1,000 To 2,000, Deduct	-14.71
		For >2,000 To 5,000, Deduct	-24.54
		For >5,000, Deduct	-40.57
33 01 30 72-0086	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	212.49
		For Vinylster Resin, Add	133.44
		For Epoxy Resin, Add	15.73
		For Up To >10, Add	160.90
		For >10 To 25, Add	102.31
		For >25 To 50, Add	70.92
		For >50 To 100, Add	35.46
		For >500 To 1,000, Deduct	-11.17
		For >1,000 To 2,000, Deduct	-17.03
		For >2,000 To 5,000, Deduct	-28.34
		For >5,000, Deduct	-46.87
33 01 30 72-0087	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	242.58
		For Vinylster Resin, Add	153.11
		For Epoxy Resin, Add	18.05
		For Up To >10, Add	180.92
		For >10 To 25, Add	114.31
		For >25 To 50, Add	79.52
		For >50 To 100, Add	39.76
		For >500 To 1,000, Deduct	-12.73
		For >1,000 To 2,000, Deduct	-19.39
		For >2,000 To 5,000, Deduct	-32.21
		For >5,000, Deduct	-53.29
33 01 30 72-0088	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	273.09
		For Vinylster Resin, Add	172.78
		For Epoxy Resin, Add	20.36
		For Up To >10, Add	202.20
		For >10 To 25, Add	127.36
		For >25 To 50, Add	88.76
		For >50 To 100, Add	44.38
		For >500 To 1,000, Deduct	-14.31
		For >1,000 To 2,000, Deduct	-21.79
		For >2,000 To 5,000, Deduct	-36.18
		For >5,000, Deduct	-59.87
33 01 30 72-0089	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	304.14
		For Vinylster Resin, Add	192.45
		For Epoxy Resin, Add	22.68
		For Up To >10, Add	225.10
		For >10 To 25, Add	141.76
		For >25 To 50, Add	98.80
		For >50 To 100, Add	49.40
		For >500 To 1,000, Deduct	-15.94
		For >1,000 To 2,000, Deduct	-24.27
		For >2,000 To 5,000, Deduct	-40.29
		For >5,000, Deduct	-66.67
33 01 30 72-0090	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	364.03
		For Vinylster Resin, Add	231.80
		For Epoxy Resin, Add	27.32
		For Up To >10, Add	264.24
		For >10 To 25, Add	165.01
		For >25 To 50, Add	115.56
		For >50 To 100, Add	57.78
		For >500 To 1,000, Deduct	-19.02
		For >1,000 To 2,000, Deduct	-28.95
		For >2,000 To 5,000, Deduct	-47.96
		For >5,000, Deduct	-79.38

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 01 30 72-0091	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		424.85	
		For Vinylster Resin, Add		271.14	
		For Epoxy Resin, Add		31.96	
		For Up To >10, Add		306.20	
		For >10 To 25, Add		190.61	
		For >25 To 50, Add		133.73	
		For >50 To 100, Add		66.87	
		For >500 To 1,000, Deduct		-22.18	
		For >1,000 To 2,000, Deduct		-33.74	
		For >2,000 To 5,000, Deduct		-55.86	
		For >5,000, Deduct		-92.47	
33 01 30 72-0092	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		487.35	
		For Vinylster Resin, Add		310.48	
		For Epoxy Resin, Add		36.59	
		For Up To >10, Add		353.20	
		For >10 To 25, Add		220.41	
		For >25 To 50, Add		154.42	
		For >50 To 100, Add		77.21	
		For >500 To 1,000, Deduct		-25.46	
		For >1,000 To 2,000, Deduct		-38.74	
		For >2,000 To 5,000, Deduct		-64.18	
		For >5,000, Deduct		-106.23	
33 01 30 72-0093	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		552.28	
		For Vinylster Resin, Add		349.83	
		For Epoxy Resin, Add		41.23	
		For Up To >10, Add		407.47	
		For >10 To 25, Add		256.26	
		For >25 To 50, Add		178.75	
		For >50 To 100, Add		89.37	
		For >500 To 1,000, Deduct		-28.93	
		For >1,000 To 2,000, Deduct		-44.05	
		For >2,000 To 5,000, Deduct		-73.10	
		For >5,000, Deduct		-120.96	
33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)					
33 01 30 72-0095	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		197.92	
		For Vinylster Resin, Add		123.69	
		For Epoxy Resin, Add		14.58	
		For Up To >10, Add		152.01	
		For >10 To 25, Add		97.23	
		For >25 To 50, Add		67.17	
		For >50 To 100, Add		33.59	
		For >500 To 1,000, Deduct		-10.43	
		For >1,000 To 2,000, Deduct		-15.91	
		For >2,000 To 5,000, Deduct		-26.51	
		For >5,000, Deduct		-43.83	
33 01 30 72-0096	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		230.36	
		For Vinylster Resin, Add		145.15	
		For Epoxy Resin, Add		17.11	
		For Up To >10, Add		172.71	
		For >10 To 25, Add		109.36	
		For >25 To 50, Add		75.99	
		For >50 To 100, Add		37.99	
		For >500 To 1,000, Deduct		-12.09	
		For >1,000 To 2,000, Deduct		-18.43	
		For >2,000 To 5,000, Deduct		-30.63	
		For >5,000, Deduct		-50.67	
33 01 30 72-0097	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		263.12	
		For Vinylster Resin, Add		166.61	
		For Epoxy Resin, Add		19.64	
		For Up To >10, Add		194.34	
		For >10 To 25, Add		122.28	
		For >25 To 50, Add		85.27	
		For >50 To 100, Add		42.63	
		For >500 To 1,000, Deduct		-13.78	
		For >1,000 To 2,000, Deduct		-20.99	
		For >2,000 To 5,000, Deduct		-34.84	
		For >5,000, Deduct		-57.65	
33 01 30 72-0098	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		296.30	
		For Vinylster Resin, Add		188.07	
		For Epoxy Resin, Add		22.17	
		For Up To >10, Add		217.23	
		For >10 To 25, Add		136.24	
		For >25 To 50, Add		95.18	
		For >50 To 100, Add		47.59	
		For >500 To 1,000, Deduct		-15.51	
		For >1,000 To 2,000, Deduct		-23.60	
		For >2,000 To 5,000, Deduct		-39.15	
		For >5,000, Deduct		-64.79	
33 01 30 72-0099	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....		330.00	
		For Vinylster Resin, Add		209.52	
		For Epoxy Resin, Add		24.69	
		For Up To >10, Add		241.70	
		For >10 To 25, Add		151.53	
		For >25 To 50, Add		105.88	
		For >50 To 100, Add		52.94	
		For >500 To 1,000, Deduct		-17.27	
		For >1,000 To 2,000, Deduct		-26.28	
		For >2,000 To 5,000, Deduct		-43.59	
		For >5,000, Deduct		-72.14	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0100	LF 18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	395.10
	For Vinylster Resin, Add	252.45
	For Epoxy Resin, Add	29.75
	For Up To >10, Add	283.70
	For >10 To 25, Add	176.31
	For >25 To 50, Add	123.82
	For >50 To 100, Add	61.91
	For >500 To 1,000, Deduct	-20.62
	For >1,000 To 2,000, Deduct	-31.36
	For >2,000 To 5,000, Deduct	-51.89
	For >5,000, Deduct	-85.91
33 01 30 72-0101	LF 18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	461.35
	For Vinylster Resin, Add	295.37
	For Epoxy Resin, Add	34.81
	For Up To >10, Add	329.18
	For >10 To 25, Add	203.99
	For >25 To 50, Add	143.49
	For >50 To 100, Add	71.75
	For >500 To 1,000, Deduct	-24.05
	For >1,000 To 2,000, Deduct	-36.57
	For >2,000 To 5,000, Deduct	-60.48
	For >5,000, Deduct	-100.15
33 01 30 72-0102	LF 18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	529.28
	For Vinylster Resin, Add	338.28
	For Epoxy Resin, Add	39.87
	For Up To >10, Add	379.69
	For >10 To 25, Add	235.87
	For >25 To 50, Add	165.68
	For >50 To 100, Add	82.84
	For >500 To 1,000, Deduct	-27.61
	For >1,000 To 2,000, Deduct	-42.00
	For >2,000 To 5,000, Deduct	-69.50
	For >5,000, Deduct	-115.06
33 01 30 72-0103	LF 18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	599.74
	For Vinylster Resin, Add	381.21
	For Epoxy Resin, Add	44.93
	For Up To >10, Add	437.77
	For >10 To 25, Add	274.05
	For >25 To 50, Add	191.66
	For >50 To 100, Add	95.83
	For >500 To 1,000, Deduct	-31.37
	For >1,000 To 2,000, Deduct	-47.74
	For >2,000 To 5,000, Deduct	-79.14
	For >5,000, Deduct	-130.98
33 01 30 72-0104	LF 18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	677.55
	For Vinylster Resin, Add	424.12
	For Epoxy Resin, Add	49.99
	For Up To >10, Add	517.93
	For >10 To 25, Add	330.62
	For >25 To 50, Add	228.67
	For >50 To 100, Add	114.33
	For >500 To 1,000, Deduct	-35.67
	For >1,000 To 2,000, Deduct	-54.40
	For >2,000 To 5,000, Deduct	-90.62
	For >5,000, Deduct	-149.84
33 01 30 72-0105	LF 18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	764.91
	For Vinylster Resin, Add	467.04
	For Epoxy Resin, Add	55.04
	For Up To >10, Add	626.73
	For >10 To 25, Add	411.08
	For >25 To 50, Add	280.01
	For >50 To 100, Add	140.00
	For >500 To 1,000, Deduct	-40.69
	For >1,000 To 2,000, Deduct	-62.25
	For >2,000 To 5,000, Deduct	-104.49
	For >5,000, Deduct	-172.52
33 01 30 72-0106	LF 18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	859.84
	For Vinylster Resin, Add	509.96
	For Epoxy Resin, Add	60.10
	For Up To >10, Add	758.25
	For >10 To 25, Add	510.45
	For >25 To 50, Add	342.70
	For >50 To 100, Add	171.35
	For >500 To 1,000, Deduct	-46.28
	For >1,000 To 2,000, Deduct	-71.05
	For >2,000 To 5,000, Deduct	-120.25
	For >5,000, Deduct	-198.23
33 01 30 72-0107	19.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)	
33 01 30 72-0108	LF 19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	211.99
	For Vinylster Resin, Add	133.54
	For Epoxy Resin, Add	15.74
	For Up To >10, Add	159.05
	For >10 To 25, Add	100.74
	For >25 To 50, Add	69.98
	For >50 To 100, Add	34.99
	For >500 To 1,000, Deduct	-11.13
	For >1,000 To 2,000, Deduct	-16.96
	For >2,000 To 5,000, Deduct	-28.20
	For >5,000, Deduct	-46.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01 30 72-0109	LF		19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	246.99	
			For Vinylster Resin, Add	156.79	
			For Epoxy Resin, Add	18.48	
			For Up To >10, Add	181.02	
			For >10 To 25, Add	113.52	
			For >25 To 50, Add	79.31	
			For >50 To 100, Add	39.66	
			For >500 To 1,000, Deduct	-12.92	
			For >1,000 To 2,000, Deduct	-19.67	
			For >2,000 To 5,000, Deduct	-32.63	
			For >5,000, Deduct	-54.00	
33 01 30 72-0110	LF		19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	282.30	
			For Vinylster Resin, Add	180.03	
			For Epoxy Resin, Add	21.22	
			For Up To >10, Add	203.93	
			For >10 To 25, Add	127.07	
			For >25 To 50, Add	89.10	
			For >50 To 100, Add	44.55	
			For >500 To 1,000, Deduct	-14.74	
			For >1,000 To 2,000, Deduct	-22.43	
			For >2,000 To 5,000, Deduct	-37.14	
			For >5,000, Deduct	-61.48	
33 01 30 72-0111	LF		19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	318.03	
			For Vinylster Resin, Add	203.28	
			For Epoxy Resin, Add	23.96	
			For Up To >10, Add	228.09	
			For >10 To 25, Add	141.68	
			For >25 To 50, Add	99.53	
			For >50 To 100, Add	49.76	
			For >500 To 1,000, Deduct	-16.59	
			For >1,000 To 2,000, Deduct	-25.23	
			For >2,000 To 5,000, Deduct	-41.76	
			For >5,000, Deduct	-69.13	
33 01 30 72-0112	LF		19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	354.29	
			For Vinylster Resin, Add	226.53	
			For Epoxy Resin, Add	26.70	
			For Up To >10, Add	253.85	
			For >10 To 25, Add	157.60	
			For >25 To 50, Add	110.74	
			For >50 To 100, Add	55.37	
			For >500 To 1,000, Deduct	-18.48	
			For >1,000 To 2,000, Deduct	-28.11	
			For >2,000 To 5,000, Deduct	-46.50	
			For >5,000, Deduct	-76.99	
33 01 30 72-0113	LF		19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	424.50	
			For Vinylster Resin, Add	273.03	
			For Epoxy Resin, Add	32.18	
			For Up To >10, Add	298.40	
			For >10 To 25, Add	183.66	
			For >25 To 50, Add	129.70	
			For >50 To 100, Add	64.85	
			For >500 To 1,000, Deduct	-22.09	
			For >1,000 To 2,000, Deduct	-33.56	
			For >2,000 To 5,000, Deduct	-55.42	
			For >5,000, Deduct	-91.79	
33 01 30 72-0114	LF		19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	495.86	
			For Vinylster Resin, Add	319.52	
			For Epoxy Resin, Add	37.66	
			For Up To >10, Add	346.43	
			For >10 To 25, Add	212.62	
			For >25 To 50, Add	150.39	
			For >50 To 100, Add	75.20	
			For >500 To 1,000, Deduct	-25.78	
			For >1,000 To 2,000, Deduct	-39.16	
			For >2,000 To 5,000, Deduct	-64.63	
			For >5,000, Deduct	-107.05	
33 01 30 72-0115	LF		19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	568.90	
			For Vinylster Resin, Add	366.02	
			For Epoxy Resin, Add	43.14	
			For Up To >10, Add	399.50	
			For >10 To 25, Add	245.77	
			For >25 To 50, Add	173.61	
			For >50 To 100, Add	86.80	
			For >500 To 1,000, Deduct	-29.60	
			For >1,000 To 2,000, Deduct	-44.97	
			For >2,000 To 5,000, Deduct	-74.25	
			For >5,000, Deduct	-122.98	
33 01 30 72-0116	LF		19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	644.46	
			For Vinylster Resin, Add	412.51	
			For Epoxy Resin, Add	48.62	
			For Up To >10, Add	460.13	
			For >10 To 25, Add	285.23	
			For >25 To 50, Add	200.60	
			For >50 To 100, Add	100.30	
			For >500 To 1,000, Deduct	-33.60	
			For >1,000 To 2,000, Deduct	-51.09	
			For >2,000 To 5,000, Deduct	-84.51	
			For >5,000, Deduct	-139.92	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0117	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	727.38
		For Vinylster Resin, Add	459.00
		For Epoxy Resin, Add	54.10
		For Up To >10, Add	542.84
		For >10 To 25, Add	343.08
		For >25 To 50, Add	238.63
		For >50 To 100, Add	119.32
		For >500 To 1,000, Deduct	-38.16
		For >1,000 To 2,000, Deduct	-58.14
		For >2,000 To 5,000, Deduct	-96.60
		For >5,000, Deduct	-159.81
33 01 30 72-0118	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	819.86
		For Vinylster Resin, Add	505.51
		For Epoxy Resin, Add	59.58
		For Up To >10, Add	654.21
		For >10 To 25, Add	424.81
		For >25 To 50, Add	291.00
		For >50 To 100, Add	145.50
		For >500 To 1,000, Deduct	-43.44
		For >1,000 To 2,000, Deduct	-66.38
		For >2,000 To 5,000, Deduct	-111.09
		For >5,000, Deduct	-183.51
33 01 30 72-0119	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	919.90
		For Vinylster Resin, Add	552.00
		For Epoxy Resin, Add	65.06
		For Up To >10, Add	788.28
		For >10 To 25, Add	525.47
		For >25 To 50, Add	354.71
		For >50 To 100, Add	177.35
		For >500 To 1,000, Deduct	-49.28
		For >1,000 To 2,000, Deduct	-75.56
		For >2,000 To 5,000, Deduct	-127.46
		For >5,000, Deduct	-210.25

33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0121	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	227.01
		For Vinylster Resin, Add	143.32
		For Epoxy Resin, Add	16.89
		For Up To >10, Add	169.18
		For >10 To 25, Add	106.86
		For >25 To 50, Add	74.35
		For >50 To 100, Add	37.18
		For >500 To 1,000, Deduct	-11.91
		For >1,000 To 2,000, Deduct	-18.14
		For >2,000 To 5,000, Deduct	-30.14
		For >5,000, Deduct	-49.86
33 01 30 72-0122	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	264.66
		For Vinylster Resin, Add	168.35
		For Epoxy Resin, Add	19.84
		For Up To >10, Add	192.73
		For >10 To 25, Add	120.53
		For >25 To 50, Add	84.34
		For >50 To 100, Add	42.17
		For >500 To 1,000, Deduct	-13.84
		For >1,000 To 2,000, Deduct	-21.06
		For >2,000 To 5,000, Deduct	-34.90
		For >5,000, Deduct	-57.76
33 01 30 72-0123	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	302.64
		For Vinylster Resin, Add	193.39
		For Epoxy Resin, Add	22.79
		For Up To >10, Add	217.25
		For >10 To 25, Add	134.99
		For >25 To 50, Add	94.81
		For >50 To 100, Add	47.40
		For >500 To 1,000, Deduct	-15.79
		For >1,000 To 2,000, Deduct	-24.02
		For >2,000 To 5,000, Deduct	-39.74
		For >5,000, Deduct	-65.80
33 01 30 72-0124	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	341.03
		For Vinylster Resin, Add	218.43
		For Epoxy Resin, Add	25.74
		For Up To >10, Add	242.99
		For >10 To 25, Add	150.49
		For >25 To 50, Add	105.89
		For >50 To 100, Add	52.95
		For >500 To 1,000, Deduct	-17.78
		For >1,000 To 2,000, Deduct	-27.03
		For >2,000 To 5,000, Deduct	-44.69
		For >5,000, Deduct	-74.00
33 01 30 72-0125	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	379.95
		For Vinylster Resin, Add	243.46
		For Epoxy Resin, Add	28.69
		For Up To >10, Add	270.35
		For >10 To 25, Add	167.33
		For >25 To 50, Add	117.79
		For >50 To 100, Add	58.89
		For >500 To 1,000, Deduct	-19.80
		For >1,000 To 2,000, Deduct	-30.10
		For >2,000 To 5,000, Deduct	-49.77
		For >5,000, Deduct	-82.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0126 LF 21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	455.58	
For Vinylster Resin, Add	293.53	
For Epoxy Resin, Add	34.59	
For Up To >10, Add	318.42	
For >10 To 25, Add	195.46	
For >25 To 50, Add	138.24	
For >50 To 100, Add	69.12	
For >500 To 1,000, Deduct	-23.69	
For >1,000 To 2,000, Deduct	-35.98	
For >2,000 To 5,000, Deduct	-59.38	
For >5,000, Deduct	-98.37	
33 01 30 72-0127 LF 21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	532.26	
For Vinylster Resin, Add	343.61	
For Epoxy Resin, Add	40.50	
For Up To >10, Add	369.61	
For >10 To 25, Add	226.19	
For >25 To 50, Add	160.26	
For >50 To 100, Add	80.13	
For >500 To 1,000, Deduct	-27.65	
For >1,000 To 2,000, Deduct	-41.99	
For >2,000 To 5,000, Deduct	-69.25	
For >5,000, Deduct	-114.73	
33 01 30 72-0128 LF 21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	610.62	
For Vinylster Resin, Add	393.68	
For Epoxy Resin, Add	46.40	
For Up To >10, Add	425.86	
For >10 To 25, Add	261.15	
For >25 To 50, Add	184.81	
For >50 To 100, Add	92.41	
For >500 To 1,000, Deduct	-31.74	
For >1,000 To 2,000, Deduct	-48.21	
For >2,000 To 5,000, Deduct	-79.54	
For >5,000, Deduct	-131.77	
33 01 30 72-0129 LF 21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	691.82	
For Vinylster Resin, Add	443.75	
For Epoxy Resin, Add	52.30	
For Up To >10, Add	490.64	
For >10 To 25, Add	303.21	
For >25 To 50, Add	213.62	
For >50 To 100, Add	106.81	
For >500 To 1,000, Deduct	-36.04	
For >1,000 To 2,000, Deduct	-54.78	
For >2,000 To 5,000, Deduct	-90.54	
For >5,000, Deduct	-149.94	
33 01 30 72-0130 LF 21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	780.69	
For Vinylster Resin, Add	493.82	
For Epoxy Resin, Add	58.20	
For Up To >10, Add	578.42	
For >10 To 25, Add	364.44	
For >25 To 50, Add	253.94	
For >50 To 100, Add	126.97	
For >500 To 1,000, Deduct	-40.92	
For >1,000 To 2,000, Deduct	-62.31	
For >2,000 To 5,000, Deduct	-103.46	
For >5,000, Deduct	-171.18	
33 01 30 72-0131 LF 21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	879.55	
For Vinylster Resin, Add	543.90	
For Epoxy Resin, Add	64.10	
For Up To >10, Add	696.15	
For >10 To 25, Add	450.63	
For >25 To 50, Add	309.23	
For >50 To 100, Add	154.61	
For >500 To 1,000, Deduct	-46.54	
For >1,000 To 2,000, Deduct	-71.09	
For >2,000 To 5,000, Deduct	-118.88	
For >5,000, Deduct	-196.42	
33 01 30 72-0132 LF 21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	986.48	
For Vinylster Resin, Add	593.97	
For Epoxy Resin, Add	70.00	
For Up To >10, Add	838.12	
For >10 To 25, Add	557.01	
For >25 To 50, Add	376.63	
For >50 To 100, Add	188.32	
For >500 To 1,000, Deduct	-52.77	
For >1,000 To 2,000, Deduct	-80.88	
For >2,000 To 5,000, Deduct	-136.31	
For >5,000, Deduct	-224.89	
33 01 30 72-0133 22.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0134 LF 22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	240.88	
For Vinylster Resin, Add	153.03	
For Epoxy Resin, Add	18.04	
For Up To >10, Add	176.12	
For >10 To 25, Add	110.33	
For >25 To 50, Add	77.13	
For >50 To 100, Add	38.56	
For >500 To 1,000, Deduct	-12.60	
For >1,000 To 2,000, Deduct	-19.18	
For >2,000 To 5,000, Deduct	-31.80	
For >5,000, Deduct	-52.63	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0135	LF 22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	281.09	
	For Vinylester Resin, Add	179.85	
	For Epoxy Resin, Add	21.20	
	For Up To >10, Add	200.95	
	For >10 To 25, Add	124.63	
	For >25 To 50, Add	87.63	
	For >50 To 100, Add	43.81	
	For >500 To 1,000, Deduct	-14.66	
	For >1,000 To 2,000, Deduct	-22.29	
	For >2,000 To 5,000, Deduct	-36.87	
	For >5,000, Deduct	-61.05	
33 01 30 72-0136	LF 22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	321.62	
	For Vinylester Resin, Add	206.68	
	For Epoxy Resin, Add	24.36	
	For Up To >10, Add	226.74	
	For >10 To 25, Add	139.74	
	For >25 To 50, Add	98.61	
	For >50 To 100, Add	49.30	
	For >500 To 1,000, Deduct	-16.74	
	For >1,000 To 2,000, Deduct	-25.44	
	For >2,000 To 5,000, Deduct	-42.02	
	For >5,000, Deduct	-69.60	
33 01 30 72-0137	LF 22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	362.56	
	For Vinylester Resin, Add	233.50	
	For Epoxy Resin, Add	27.52	
	For Up To >10, Add	253.76	
	For >10 To 25, Add	155.87	
	For >25 To 50, Add	110.20	
	For >50 To 100, Add	55.10	
	For >500 To 1,000, Deduct	-18.85	
	For >1,000 To 2,000, Deduct	-28.64	
	For >2,000 To 5,000, Deduct	-47.28	
	For >5,000, Deduct	-78.31	
33 01 30 72-0138	LF 22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	404.04	
	For Vinylester Resin, Add	260.32	
	For Epoxy Resin, Add	30.68	
	For Up To >10, Add	282.40	
	For >10 To 25, Add	173.35	
	For >25 To 50, Add	122.60	
	For >50 To 100, Add	61.30	
	For >500 To 1,000, Deduct	-21.01	
	For >1,000 To 2,000, Deduct	-31.91	
	For >2,000 To 5,000, Deduct	-52.66	
	For >5,000, Deduct	-87.24	
33 01 30 72-0139	LF 22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	484.78	
	For Vinylester Resin, Add	313.97	
	For Epoxy Resin, Add	37.00	
	For Up To >10, Add	333.02	
	For >10 To 25, Add	202.76	
	For >25 To 50, Add	144.08	
	For >50 To 100, Add	72.04	
	For >500 To 1,000, Deduct	-25.15	
	For >1,000 To 2,000, Deduct	-38.17	
	For >2,000 To 5,000, Deduct	-62.89	
	For >5,000, Deduct	-104.21	
33 01 30 72-0140	LF 22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	566.56	
	For Vinylester Resin, Add	367.62	
	For Epoxy Resin, Add	43.33	
	For Up To >10, Add	386.76	
	For >10 To 25, Add	234.77	
	For >25 To 50, Add	167.12	
	For >50 To 100, Add	83.56	
	For >500 To 1,000, Deduct	-29.36	
	For >1,000 To 2,000, Deduct	-44.56	
	For >2,000 To 5,000, Deduct	-73.37	
	For >5,000, Deduct	-121.59	
33 01 30 72-0141	LF 22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	650.03	
	For Vinylester Resin, Add	421.27	
	For Epoxy Resin, Add	49.65	
	For Up To >10, Add	445.57	
	For >10 To 25, Add	271.00	
	For >25 To 50, Add	192.69	
	For >50 To 100, Add	96.35	
	For >500 To 1,000, Deduct	-33.71	
	For >1,000 To 2,000, Deduct	-51.16	
	For >2,000 To 5,000, Deduct	-84.27	
	For >5,000, Deduct	-139.65	
33 01 30 72-0142	LF 22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	736.35	
	For Vinylester Resin, Add	474.92	
	For Epoxy Resin, Add	55.97	
	For Up To >10, Add	512.90	
	For >10 To 25, Add	314.34	
	For >25 To 50, Add	222.53	
	For >50 To 100, Add	111.26	
	For >500 To 1,000, Deduct	-38.26	
	For >1,000 To 2,000, Deduct	-58.12	
	For >2,000 To 5,000, Deduct	-95.89	
	For >5,000, Deduct	-158.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0143 LF 22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	830.33	
For Vinlyester Resin, Add	528.57	
For Epoxy Resin, Add	62.30	
For Up To >10, Add	603.24	
For >10 To 25, Add	376.85	
For >25 To 50, Add	263.87	
For >50 To 100, Add	131.93	
For >500 To 1,000, Deduct	-43.40	
For >1,000 To 2,000, Deduct	-66.04	
For >2,000 To 5,000, Deduct	-109.42	
For >5,000, Deduct	-181.11	
33 01 30 72-0144 LF 22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	934.29	
For Vinlyester Resin, Add	582.22	
For Epoxy Resin, Add	68.62	
For Up To >10, Add	723.52	
For >10 To 25, Add	464.31	
For >25 To 50, Add	320.17	
For >50 To 100, Add	160.09	
For >500 To 1,000, Deduct	-49.28	
For >1,000 To 2,000, Deduct	-75.20	
For >2,000 To 5,000, Deduct	-125.45	
For >5,000, Deduct	-207.37	
33 01 30 72-0145 LF 22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,046.33	
For Vinlyester Resin, Add	635.87	
For Epoxy Resin, Add	74.94	
For Up To >10, Add	868.04	
For >10 To 25, Add	571.97	
For >25 To 50, Add	388.60	
For >50 To 100, Add	194.30	
For >500 To 1,000, Deduct	-55.77	
For >1,000 To 2,000, Deduct	-85.37	
For >2,000 To 5,000, Deduct	-143.49	
For >5,000, Deduct	-236.86	
33 01 30 72-0146 24mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0147 LF 24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	255.81	
For Vinlyester Resin, Add	162.67	
For Epoxy Resin, Add	19.17	
For Up To >10, Add	186.48	
For >10 To 25, Add	116.67	
For >25 To 50, Add	81.62	
For >50 To 100, Add	40.81	
For >500 To 1,000, Deduct	-13.38	
For >1,000 To 2,000, Deduct	-20.36	
For >2,000 To 5,000, Deduct	-33.74	
For >5,000, Deduct	-55.85	
33 01 30 72-0148 LF 24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	298.57	
For Vinlyester Resin, Add	191.28	
For Epoxy Resin, Add	22.54	
For Up To >10, Add	212.59	
For >10 To 25, Add	131.61	
For >25 To 50, Add	92.63	
For >50 To 100, Add	46.32	
For >500 To 1,000, Deduct	-15.56	
For >1,000 To 2,000, Deduct	-23.66	
For >2,000 To 5,000, Deduct	-39.12	
For >5,000, Deduct	-64.78	
33 01 30 72-0149 LF 24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	341.76	
For Vinlyester Resin, Add	219.89	
For Epoxy Resin, Add	25.92	
For Up To >10, Add	239.96	
For >10 To 25, Add	147.61	
For >25 To 50, Add	104.27	
For >50 To 100, Add	52.14	
For >500 To 1,000, Deduct	-17.78	
For >1,000 To 2,000, Deduct	-27.01	
For >2,000 To 5,000, Deduct	-44.60	
For >5,000, Deduct	-73.88	
33 01 30 72-0150 LF 24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	385.36	
For Vinlyester Resin, Add	248.50	
For Epoxy Resin, Add	29.29	
For Up To >10, Add	268.58	
For >10 To 25, Add	164.65	
For >25 To 50, Add	116.54	
For >50 To 100, Add	58.27	
For >500 To 1,000, Deduct	-20.03	
For >1,000 To 2,000, Deduct	-30.42	
For >2,000 To 5,000, Deduct	-50.19	
For >5,000, Deduct	-83.14	
33 01 30 72-0151 LF 24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	429.71	
For Vinlyester Resin, Add	277.12	
For Epoxy Resin, Add	32.66	
For Up To >10, Add	299.43	
For >10 To 25, Add	183.55	
For >25 To 50, Add	129.92	
For >50 To 100, Add	64.96	
For >500 To 1,000, Deduct	-22.33	
For >1,000 To 2,000, Deduct	-33.92	
For >2,000 To 5,000, Deduct	-55.96	
For >5,000, Deduct	-92.71	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0152	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	515.67	
		For Vinylster Resin, Add	334.34	
		For Epoxy Resin, Add	39.40	
		For Up To >10, Add	352.94	
		For >10 To 25, Add	214.51	
		For >25 To 50, Add	152.59	
		For >50 To 100, Add	76.29	
		For >500 To 1,000, Deduct	-26.73	
		For >1,000 To 2,000, Deduct	-40.58	
		For >2,000 To 5,000, Deduct	-66.83	
		For >5,000, Deduct	-110.74	
33 01 30 72-0153	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	625.47	
		For Vinylster Resin, Add	407.46	
		For Epoxy Resin, Add	48.02	
		For Up To >10, Add	421.21	
		For >10 To 25, Add	254.00	
		For >25 To 50, Add	181.50	
		For >50 To 100, Add	90.75	
		For >500 To 1,000, Deduct	-32.36	
		For >1,000 To 2,000, Deduct	-49.08	
		For >2,000 To 5,000, Deduct	-80.70	
		For >5,000, Deduct	-133.77	
33 01 30 72-0154	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	691.77	
		For Vinylster Resin, Add	448.79	
		For Epoxy Resin, Add	52.89	
		For Up To >10, Add	472.49	
		For >10 To 25, Add	286.88	
		For >25 To 50, Add	204.19	
		For >50 To 100, Add	102.09	
		For >500 To 1,000, Deduct	-35.85	
		For >1,000 To 2,000, Deduct	-54.41	
		For >2,000 To 5,000, Deduct	-89.60	
		For >5,000, Deduct	-148.48	
33 01 30 72-0155	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	783.71	
		For Vinylster Resin, Add	506.02	
		For Epoxy Resin, Add	59.64	
		For Up To >10, Add	543.93	
		For >10 To 25, Add	332.80	
		For >25 To 50, Add	235.82	
		For >50 To 100, Add	117.91	
		For >500 To 1,000, Deduct	-40.71	
		For >1,000 To 2,000, Deduct	-61.82	
		For >2,000 To 5,000, Deduct	-101.95	
		For >5,000, Deduct	-168.91	
33 01 30 72-0156	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	883.64	
		For Vinylster Resin, Add	563.24	
		For Epoxy Resin, Add	66.38	
		For Up To >10, Add	639.35	
		For >10 To 25, Add	398.68	
		For >25 To 50, Add	279.44	
		For >50 To 100, Add	139.72	
		For >500 To 1,000, Deduct	-46.16	
		For >1,000 To 2,000, Deduct	-70.22	
		For >2,000 To 5,000, Deduct	-116.31	
		For >5,000, Deduct	-192.53	
33 01 30 72-0157	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	994.07	
		For Vinylster Resin, Add	620.47	
		For Epoxy Resin, Add	73.13	
		For Up To >10, Add	766.26	
		For >10 To 25, Add	490.82	
		For >25 To 50, Add	338.81	
		For >50 To 100, Add	169.41	
		For >500 To 1,000, Deduct	-52.40	
		For >1,000 To 2,000, Deduct	-79.94	
		For >2,000 To 5,000, Deduct	-133.29	
		For >5,000, Deduct	-220.35	
33 01 30 72-0158	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,112.91	
		For Vinylster Resin, Add	677.69	
		For Epoxy Resin, Add	79.87	
		For Up To >10, Add	918.41	
		For >10 To 25, Add	603.98	
		For >25 To 50, Add	410.80	
		For >50 To 100, Add	205.40	
		For >500 To 1,000, Deduct	-59.27	
		For >1,000 To 2,000, Deduct	-90.71	
		For >2,000 To 5,000, Deduct	-152.37	
		For >5,000, Deduct	-251.54	
33 01 30 72-0159		25.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0160	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	314.80	
		For Vinylster Resin, Add	202.64	
		For Epoxy Resin, Add	23.88	
		For Up To >10, Add	220.70	
		For >10 To 25, Add	135.67	
		For >25 To 50, Add	95.88	
		For >50 To 100, Add	47.94	
		For >500 To 1,000, Deduct	-16.37	
		For >1,000 To 2,000, Deduct	-24.88	
		For >2,000 To 5,000, Deduct	-41.07	
		For >5,000, Deduct	-68.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0161 LF 25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	360.54	
For Vinylster Resin, Add	233.04	
For Epoxy Resin, Add	27.47	
For Up To >10, Add	249.35	
For >10 To 25, Add	152.30	
For >25 To 50, Add	108.03	
For >50 To 100, Add	54.01	
For >500 To 1,000, Deduct	-18.72	
For >1,000 To 2,000, Deduct	-28.42	
For >2,000 To 5,000, Deduct	-46.86	
For >5,000, Deduct	-77.63	
33 01 30 72-0162 LF 25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	406.70	
For Vinylster Resin, Add	263.44	
For Epoxy Resin, Add	31.05	
For Up To >10, Add	279.25	
For >10 To 25, Add	169.99	
For >25 To 50, Add	120.81	
For >50 To 100, Add	60.40	
For >500 To 1,000, Deduct	-21.09	
For >1,000 To 2,000, Deduct	-32.02	
For >2,000 To 5,000, Deduct	-52.75	
For >5,000, Deduct	-87.41	
33 01 30 72-0163 LF 25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	453.60	
For Vinylster Resin, Add	293.84	
For Epoxy Resin, Add	34.63	
For Up To >10, Add	311.38	
For >10 To 25, Add	189.52	
For >25 To 50, Add	134.70	
For >50 To 100, Add	67.35	
For >500 To 1,000, Deduct	-23.53	
For >1,000 To 2,000, Deduct	-35.71	
For >2,000 To 5,000, Deduct	-58.83	
For >5,000, Deduct	-97.49	
33 01 30 72-0164 LF 25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	544.67	
For Vinylster Resin, Add	354.64	
For Epoxy Resin, Add	41.80	
For Up To >10, Add	367.44	
For >10 To 25, Add	221.76	
For >25 To 50, Add	158.39	
For >50 To 100, Add	79.19	
For >500 To 1,000, Deduct	-28.18	
For >1,000 To 2,000, Deduct	-42.75	
For >2,000 To 5,000, Deduct	-70.31	
For >5,000, Deduct	-116.54	
33 01 30 72-0165 LF 25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	636.88	
For Vinylster Resin, Add	415.44	
For Epoxy Resin, Add	48.96	
For Up To >10, Add	426.92	
For >10 To 25, Add	256.85	
For >25 To 50, Add	183.78	
For >50 To 100, Add	91.89	
For >500 To 1,000, Deduct	-32.93	
For >1,000 To 2,000, Deduct	-49.94	
For >2,000 To 5,000, Deduct	-82.07	
For >5,000, Deduct	-136.05	
33 01 30 72-0166 LF 25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	730.99	
For Vinylster Resin, Add	476.25	
For Epoxy Resin, Add	56.13	
For Up To >10, Add	492.10	
For >10 To 25, Add	296.69	
For >25 To 50, Add	212.03	
For >50 To 100, Add	106.02	
For >500 To 1,000, Deduct	-37.82	
For >1,000 To 2,000, Deduct	-57.36	
For >2,000 To 5,000, Deduct	-94.30	
For >5,000, Deduct	-156.33	
33 01 30 72-0167 LF 25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	828.04	
For Vinylster Resin, Add	537.05	
For Epoxy Resin, Add	63.29	
For Up To >10, Add	566.10	
For >10 To 25, Add	343.88	
For >25 To 50, Add	244.69	
For >50 To 100, Add	122.34	
For >500 To 1,000, Deduct	-42.92	
For >1,000 To 2,000, Deduct	-65.14	
For >2,000 To 5,000, Deduct	-107.27	
For >5,000, Deduct	-177.77	
33 01 30 72-0168 LF 25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	933.08	
For Vinylster Resin, Add	597.85	
For Epoxy Resin, Add	70.46	
For Up To >10, Add	664.07	
For >10 To 25, Add	411.04	
For >25 To 50, Add	289.33	
For >50 To 100, Add	144.66	
For >500 To 1,000, Deduct	-48.63	
For >1,000 To 2,000, Deduct	-73.93	
For >2,000 To 5,000, Deduct	-122.24	
For >5,000, Deduct	-202.42	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0169	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,048.62
		For Vinylster Resin, Add	658.65
		For Epoxy Resin, Add	77.63
		For Up To >10, Add	793.54
		For >10 To 25, Add	504.46
		For >25 To 50, Add	349.72
		For >50 To 100, Add	174.86
		For >500 To 1,000, Deduct	-55.12
		For >1,000 To 2,000, Deduct	-84.03
		For >2,000 To 5,000, Deduct	-139.83
		For >5,000, Deduct	-231.26
33 01 30 72-0170	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,172.57
		For Vinylster Resin, Add	719.45
		For Epoxy Resin, Add	84.79
		For Up To >10, Add	948.24
		For >10 To 25, Add	618.90
		For >25 To 50, Add	422.73
		For >50 To 100, Add	211.36
		For >500 To 1,000, Deduct	-62.25
		For >1,000 To 2,000, Deduct	-95.18
		For >2,000 To 5,000, Deduct	-159.53
		For >5,000, Deduct	-263.47
33 01 30 72-0171		27mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)	
33 01 30 72-0172	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	332.18
		For Vinylster Resin, Add	213.92
		For Epoxy Resin, Add	25.21
		For Up To >10, Add	232.54
		For >10 To 25, Add	142.85
		For >25 To 50, Add	100.99
		For >50 To 100, Add	50.50
		For >500 To 1,000, Deduct	-17.27
		For >1,000 To 2,000, Deduct	-26.24
		For >2,000 To 5,000, Deduct	-43.32
		For >5,000, Deduct	-71.75
33 01 30 72-0173	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	380.57
		For Vinylster Resin, Add	246.11
		For Epoxy Resin, Add	29.01
		For Up To >10, Add	262.76
		For >10 To 25, Add	160.37
		For >25 To 50, Add	113.80
		For >50 To 100, Add	56.90
		For >500 To 1,000, Deduct	-19.75
		For >1,000 To 2,000, Deduct	-29.99
		For >2,000 To 5,000, Deduct	-49.44
		For >5,000, Deduct	-81.91
33 01 30 72-0174	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	429.51
		For Vinylster Resin, Add	278.30
		For Epoxy Resin, Add	32.80
		For Up To >10, Add	294.61
		For >10 To 25, Add	179.24
		For >25 To 50, Add	127.42
		For >50 To 100, Add	63.71
		For >500 To 1,000, Deduct	-22.27
		For >1,000 To 2,000, Deduct	-33.81
		For >2,000 To 5,000, Deduct	-55.69
		For >5,000, Deduct	-92.29
33 01 30 72-0175	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	479.07
		For Vinylster Resin, Add	310.49
		For Epoxy Resin, Add	36.59
		For Up To >10, Add	328.34
		For >10 To 25, Add	199.69
		For >25 To 50, Add	141.99
		For >50 To 100, Add	71.00
		For >500 To 1,000, Deduct	-24.84
		For >1,000 To 2,000, Deduct	-37.71
		For >2,000 To 5,000, Deduct	-62.11
		For >5,000, Deduct	-102.92
33 01 30 72-0176	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	575.44
		For Vinylster Resin, Add	374.86
		For Epoxy Resin, Add	44.18
		For Up To >10, Add	387.52
		For >10 To 25, Add	233.68
		For >25 To 50, Add	166.98
		For >50 To 100, Add	83.49
		For >500 To 1,000, Deduct	-29.77
		For >1,000 To 2,000, Deduct	-45.15
		For >2,000 To 5,000, Deduct	-74.24
		For >5,000, Deduct	-123.07
33 01 30 72-0177	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	673.09
		For Vinylster Resin, Add	439.24
		For Epoxy Resin, Add	51.77
		For Up To >10, Add	450.55
		For >10 To 25, Add	270.87
		For >25 To 50, Add	193.90
		For >50 To 100, Add	96.95
		For >500 To 1,000, Deduct	-34.79
		For >1,000 To 2,000, Deduct	-52.76
		For >2,000 To 5,000, Deduct	-86.70
		For >5,000, Deduct	-143.74

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0178	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	772.62	
		For Vinylster Resin, Add	503.62	
		For Epoxy Resin, Add	59.36	
		For Up To >10, Add	519.21	
		For >10 To 25, Add	312.77	
		For >25 To 50, Add	223.63	
		For >50 To 100, Add	111.82	
		For >500 To 1,000, Deduct	-39.96	
		For >1,000 To 2,000, Deduct	-60.60	
		For >2,000 To 5,000, Deduct	-99.63	
		For >5,000, Deduct	-165.16	
33 01 30 72-0179	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	875.10	
		For Vinylster Resin, Add	568.00	
		For Epoxy Resin, Add	66.94	
		For Up To >10, Add	596.73	
		For >10 To 25, Add	362.03	
		For >25 To 50, Add	257.79	
		For >50 To 100, Add	128.90	
		For >500 To 1,000, Deduct	-45.35	
		For >1,000 To 2,000, Deduct	-68.82	
		For >2,000 To 5,000, Deduct	-113.29	
		For >5,000, Deduct	-187.75	
33 01 30 72-0180	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	986.29	
		For Vinylster Resin, Add	632.38	
		For Epoxy Resin, Add	74.53	
		For Up To >10, Add	700.37	
		For >10 To 25, Add	433.08	
		For >25 To 50, Add	305.02	
		For >50 To 100, Add	152.51	
		For >500 To 1,000, Deduct	-51.39	
		For >1,000 To 2,000, Deduct	-78.12	
		For >2,000 To 5,000, Deduct	-129.13	
		For >5,000, Deduct	-213.84	
33 01 30 72-0181	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,108.42	
		For Vinylster Resin, Add	696.76	
		For Epoxy Resin, Add	82.12	
		For Up To >10, Add	836.84	
		For >10 To 25, Add	531.47	
		For >25 To 50, Add	368.65	
		For >50 To 100, Add	184.32	
		For >500 To 1,000, Deduct	-58.25	
		For >1,000 To 2,000, Deduct	-88.78	
		For >2,000 To 5,000, Deduct	-147.71	
		For >5,000, Deduct	-244.29	
33 01 30 72-0182	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,239.37	
		For Vinylster Resin, Add	761.14	
		For Epoxy Resin, Add	89.71	
		For Up To >10, Add	999.76	
		For >10 To 25, Add	651.91	
		For >25 To 50, Add	445.51	
		For >50 To 100, Add	222.76	
		For >500 To 1,000, Deduct	-65.77	
		For >1,000 To 2,000, Deduct	-100.55	
		For >2,000 To 5,000, Deduct	-168.49	
		For >5,000, Deduct	-278.28	
33 01 30 72-0183		28.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0184	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	399.15	
		For Vinylster Resin, Add	259.11	
		For Epoxy Resin, Add	30.54	
		For Up To >10, Add	272.05	
		For >10 To 25, Add	165.02	
		For >25 To 50, Add	117.52	
		For >50 To 100, Add	58.76	
		For >500 To 1,000, Deduct	-20.68	
		For >1,000 To 2,000, Deduct	-31.39	
		For >2,000 To 5,000, Deduct	-51.67	
		For >5,000, Deduct	-85.63	
33 01 30 72-0185	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	450.64	
		For Vinylster Resin, Add	293.09	
		For Epoxy Resin, Add	34.54	
		For Up To >10, Add	305.17	
		For >10 To 25, Add	184.53	
		For >25 To 50, Add	131.65	
		For >50 To 100, Add	65.83	
		For >500 To 1,000, Deduct	-23.33	
		For >1,000 To 2,000, Deduct	-35.40	
		For >2,000 To 5,000, Deduct	-58.23	
		For >5,000, Deduct	-96.52	
33 01 30 72-0186	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	502.76	
		For Vinylster Resin, Add	327.07	
		For Epoxy Resin, Add	38.55	
		For Up To >10, Add	340.18	
		For >10 To 25, Add	205.61	
		For >25 To 50, Add	146.73	
		For >50 To 100, Add	73.36	
		For >500 To 1,000, Deduct	-26.03	
		For >1,000 To 2,000, Deduct	-39.48	
		For >2,000 To 5,000, Deduct	-64.95	
		For >5,000, Deduct	-107.66	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0187	LF 28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	634.93	
	For Vinylester Resin, Add	415.11	
	For Epoxy Resin, Add	48.92	
	For Up To >10, Add	422.27	
	For >10 To 25, Add	253.05	
	For >25 To 50, Add	181.48	
	For >50 To 100, Add	90.74	
	For >500 To 1,000, Deduct	-32.79	
	For >1,000 To 2,000, Deduct	-49.72	
	For >2,000 To 5,000, Deduct	-81.64	
	For >5,000, Deduct	-135.37	
33 01 30 72-0188	LF 28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	707.00	
	For Vinylester Resin, Add	462.98	
	For Epoxy Resin, Add	54.57	
	For Up To >10, Add	467.50	
	For >10 To 25, Add	279.35	
	For >25 To 50, Add	200.68	
	For >50 To 100, Add	100.34	
	For >500 To 1,000, Deduct	-36.49	
	For >1,000 To 2,000, Deduct	-55.31	
	For >2,000 To 5,000, Deduct	-90.77	
	For >5,000, Deduct	-150.52	
33 01 30 72-0189	LF 28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	811.64	
	For Vinylester Resin, Add	530.94	
	For Epoxy Resin, Add	62.57	
	For Up To >10, Add	538.72	
	For >10 To 25, Add	322.52	
	For >25 To 50, Add	231.44	
	For >50 To 100, Add	115.72	
	For >500 To 1,000, Deduct	-41.91	
	For >1,000 To 2,000, Deduct	-63.53	
	For >2,000 To 5,000, Deduct	-104.31	
	For >5,000, Deduct	-172.96	
33 01 30 72-0190	LF 28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	919.43	
	For Vinylester Resin, Add	598.89	
	For Epoxy Resin, Add	70.58	
	For Up To >10, Add	619.39	
	For >10 To 25, Add	373.57	
	For >25 To 50, Add	266.92	
	For >50 To 100, Add	133.46	
	For >500 To 1,000, Deduct	-47.57	
	For >1,000 To 2,000, Deduct	-72.15	
	For >2,000 To 5,000, Deduct	-118.63	
	For >5,000, Deduct	-196.66	
33 01 30 72-0191	LF 28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,035.53	
	For Vinylester Resin, Add	666.85	
	For Epoxy Resin, Add	78.59	
	For Up To >10, Add	724.99	
	For >10 To 25, Add	445.39	
	For >25 To 50, Add	314.86	
	For >50 To 100, Add	157.43	
	For >500 To 1,000, Deduct	-53.85	
	For >1,000 To 2,000, Deduct	-81.81	
	For >2,000 To 5,000, Deduct	-135.04	
	For >5,000, Deduct	-223.68	
33 01 30 72-0192	LF 28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,162.76	
	For Vinylester Resin, Add	734.80	
	For Epoxy Resin, Add	86.60	
	For Up To >10, Add	864.01	
	For >10 To 25, Add	545.05	
	For >25 To 50, Add	379.52	
	For >50 To 100, Add	189.76	
	For >500 To 1,000, Deduct	-60.96	
	For >1,000 To 2,000, Deduct	-92.86	
	For >2,000 To 5,000, Deduct	-154.23	
	For >5,000, Deduct	-255.16	
33 01 30 72-0193	LF 28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,298.82	
	For Vinylester Resin, Add	802.75	
	For Epoxy Resin, Add	94.61	
	For Up To >10, Add	1,029.49	
	For >10 To 25, Add	666.77	
	For >25 To 50, Add	457.40	
	For >50 To 100, Add	228.70	
	For >500 To 1,000, Deduct	-68.74	
	For >1,000 To 2,000, Deduct	-105.01	
	For >2,000 To 5,000, Deduct	-175.62	
	For >5,000, Deduct	-290.17	
33 01 30 72-0194	30mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0195	LF 30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	419.11	
	For Vinylester Resin, Add	272.05	
	For Epoxy Resin, Add	32.06	
	For Up To >10, Add	285.73	
	For >10 To 25, Add	173.34	
	For >25 To 50, Add	123.43	
	For >50 To 100, Add	61.72	
	For >500 To 1,000, Deduct	-21.72	
	For >1,000 To 2,000, Deduct	-32.96	
	For >2,000 To 5,000, Deduct	-54.25	
	For >5,000, Deduct	-89.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0196 LF 30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	473.24	
For Vinylster Resin, Add	307.81	
For Epoxy Resin, Add	36.28	
For Up To >10, Add	320.40	
For >10 To 25, Add	193.71	
For >25 To 50, Add	138.21	
For >50 To 100, Add	69.11	
For >500 To 1,000, Deduct	-24.50	
For >1,000 To 2,000, Deduct	-37.17	
For >2,000 To 5,000, Deduct	-61.15	
For >5,000, Deduct	-101.35	
33 01 30 72-0197 LF 30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	528.12	
For Vinylster Resin, Add	343.57	
For Epoxy Resin, Add	40.49	
For Up To >10, Add	357.31	
For >10 To 25, Add	215.96	
For >25 To 50, Add	154.11	
For >50 To 100, Add	77.06	
For >500 To 1,000, Deduct	-27.34	
For >1,000 To 2,000, Deduct	-41.47	
For >2,000 To 5,000, Deduct	-68.22	
For >5,000, Deduct	-113.08	
33 01 30 72-0198 LF 30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	634.93	
For Vinylster Resin, Add	415.11	
For Epoxy Resin, Add	48.92	
For Up To >10, Add	422.27	
For >10 To 25, Add	253.05	
For >25 To 50, Add	181.48	
For >50 To 100, Add	90.74	
For >500 To 1,000, Deduct	-32.79	
For >1,000 To 2,000, Deduct	-49.72	
For >2,000 To 5,000, Deduct	-81.64	
For >5,000, Deduct	-135.37	
33 01 30 72-0199 LF 30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	743.11	
For Vinylster Resin, Add	486.64	
For Epoxy Resin, Add	57.35	
For Up To >10, Add	491.33	
For >10 To 25, Add	293.58	
For >25 To 50, Add	210.91	
For >50 To 100, Add	105.45	
For >500 To 1,000, Deduct	-38.35	
For >1,000 To 2,000, Deduct	-58.13	
For >2,000 To 5,000, Deduct	-95.40	
For >5,000, Deduct	-158.20	
33 01 30 72-0200 LF 30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	853.28	
For Vinylster Resin, Add	558.17	
For Epoxy Resin, Add	65.78	
For Up To >10, Add	566.37	
For >10 To 25, Add	339.07	
For >25 To 50, Add	243.31	
For >50 To 100, Add	121.66	
For >500 To 1,000, Deduct	-44.06	
For >1,000 To 2,000, Deduct	-66.79	
For >2,000 To 5,000, Deduct	-109.66	
For >5,000, Deduct	-181.83	
33 01 30 72-0201 LF 30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	966.61	
For Vinylster Resin, Add	629.71	
For Epoxy Resin, Add	74.22	
For Up To >10, Add	650.88	
For >10 To 25, Add	392.47	
For >25 To 50, Add	280.46	
For >50 To 100, Add	140.23	
For >500 To 1,000, Deduct	-50.01	
For >1,000 To 2,000, Deduct	-75.85	
For >2,000 To 5,000, Deduct	-124.71	
For >5,000, Deduct	-206.73	
33 01 30 72-0202 LF 30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,088.87	
For Vinylster Resin, Add	701.24	
For Epoxy Resin, Add	82.65	
For Up To >10, Add	762.19	
For >10 To 25, Add	468.19	
For >25 To 50, Add	331.00	
For >50 To 100, Add	165.50	
For >500 To 1,000, Deduct	-56.62	
For >1,000 To 2,000, Deduct	-86.02	
For >2,000 To 5,000, Deduct	-141.99	
For >5,000, Deduct	-235.19	
33 01 30 72-0203 LF 30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,222.69	
For Vinylster Resin, Add	772.77	
For Epoxy Resin, Add	91.08	
For Up To >10, Add	908.17	
For >10 To 25, Add	572.82	
For >25 To 50, Add	398.89	
For >50 To 100, Add	199.44	
For >500 To 1,000, Deduct	-64.10	
For >1,000 To 2,000, Deduct	-97.64	
For >2,000 To 5,000, Deduct	-162.16	
For >5,000, Deduct	-268.28	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0204	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,365.73
		For Vinylster Resin, Add	844.30
		For Epoxy Resin, Add	99.51
		For Up To >10, Add	1,081.84
		For >10 To 25, Add	700.51
		For >25 To 50, Add	480.61
		For >50 To 100, Add	240.31
		For >500 To 1,000, Deduct	-72.28
		For >1,000 To 2,000, Deduct	-110.41
		For >2,000 To 5,000, Deduct	-184.63
		For >5,000, Deduct	-305.06

33 01 30 72-0205 31.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0206	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	437.48
		For Vinylster Resin, Add	284.91
		For Epoxy Resin, Add	33.58
		For Up To >10, Add	294.92
		For >10 To 25, Add	177.93
		For >25 To 50, Add	127.11
		For >50 To 100, Add	63.55
		For >500 To 1,000, Deduct	-22.64
		For >1,000 To 2,000, Deduct	-34.33
		For >2,000 To 5,000, Deduct	-56.46
		For >5,000, Deduct	-93.59
33 01 30 72-0207	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	494.17
		For Vinylster Resin, Add	322.46
		For Epoxy Resin, Add	38.00
		For Up To >10, Add	330.86
		For >10 To 25, Add	198.94
		For >25 To 50, Add	142.40
		For >50 To 100, Add	71.20
		For >500 To 1,000, Deduct	-25.55
		For >1,000 To 2,000, Deduct	-38.74
		For >2,000 To 5,000, Deduct	-63.66
		For >5,000, Deduct	-105.54
33 01 30 72-0208	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	551.61
		For Vinylster Resin, Add	360.02
		For Epoxy Resin, Add	42.43
		For Up To >10, Add	369.06
		For >10 To 25, Add	221.83
		For >25 To 50, Add	158.81
		For >50 To 100, Add	79.41
		For >500 To 1,000, Deduct	-28.51
		For >1,000 To 2,000, Deduct	-43.24
		For >2,000 To 5,000, Deduct	-71.04
		For >5,000, Deduct	-117.78
33 01 30 72-0209	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	663.53
		For Vinylster Resin, Add	435.13
		For Epoxy Resin, Add	51.28
		For Up To >10, Add	436.57
		For >10 To 25, Add	260.20
		For >25 To 50, Add	187.20
		For >50 To 100, Add	93.60
		For >500 To 1,000, Deduct	-34.22
		For >1,000 To 2,000, Deduct	-51.86
		For >2,000 To 5,000, Deduct	-85.07
		For >5,000, Deduct	-141.09
33 01 30 72-0210	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	776.82
		For Vinylster Resin, Add	510.24
		For Epoxy Resin, Add	60.14
		For Up To >10, Add	508.19
		For >10 To 25, Add	302.00
		For >25 To 50, Add	217.65
		For >50 To 100, Add	108.82
		For >500 To 1,000, Deduct	-40.04
		For >1,000 To 2,000, Deduct	-60.66
		For >2,000 To 5,000, Deduct	-99.45
		For >5,000, Deduct	-164.95
33 01 30 72-0211	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	892.10
		For Vinylster Resin, Add	585.35
		For Epoxy Resin, Add	68.99
		For Up To >10, Add	585.78
		For >10 To 25, Add	348.78
		For >25 To 50, Add	251.08
		For >50 To 100, Add	125.54
		For >500 To 1,000, Deduct	-46.00
		For >1,000 To 2,000, Deduct	-69.70
		For >2,000 To 5,000, Deduct	-114.32
		For >5,000, Deduct	-189.60
33 01 30 72-0212	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,010.53
		For Vinylster Resin, Add	660.45
		For Epoxy Resin, Add	77.84
		For Up To >10, Add	672.84
		For >10 To 25, Add	403.45
		For >25 To 50, Add	289.25
		For >50 To 100, Add	144.62
		For >500 To 1,000, Deduct	-52.20
		For >1,000 To 2,000, Deduct	-79.14
		For >2,000 To 5,000, Deduct	-129.98
		For >5,000, Deduct	-215.51

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0213	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,137.90	
		For Vinlyester Resin, Add	735.56	
		For Epoxy Resin, Add	86.69	
		For Up To >10, Add	786.70	
		For >10 To 25, Add	480.45	
		For >25 To 50, Add	340.81	
		For >50 To 100, Add	170.41	
		For >500 To 1,000, Deduct	-59.07	
		For >1,000 To 2,000, Deduct	-89.70	
		For >2,000 To 5,000, Deduct	-147.87	
		For >5,000, Deduct	-245.00	
33 01 30 72-0214	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,276.83	
		For Vinlyester Resin, Add	810.67	
		For Epoxy Resin, Add	95.54	
		For Up To >10, Add	935.24	
		For >10 To 25, Add	586.35	
		For >25 To 50, Add	409.72	
		For >50 To 100, Add	204.86	
		For >500 To 1,000, Deduct	-66.81	
		For >1,000 To 2,000, Deduct	-101.70	
		For >2,000 To 5,000, Deduct	-168.65	
		For >5,000, Deduct	-279.11	
33 01 30 72-0215	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	12,899.98	
		For Vinlyester Resin, Add	8,918.27	
		For Epoxy Resin, Add	1,051.08	
		For Up To >10, Add	6,848.97	
		For >10 To 25, Add	3,584.07	
		For >25 To 50, Add	2,787.46	
		For >50 To 100, Add	1,393.73	
		For >500 To 1,000, Deduct	-648.99	
		For >1,000 To 2,000, Deduct	-975.48	
		For >2,000 To 5,000, Deduct	-1,568.74	
		For >5,000, Deduct	-2,611.91	
33 01 30 72-0216 33mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>				
33 01 30 72-0217	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	457.33	
		For Vinlyester Resin, Add	297.70	
		For Epoxy Resin, Add	35.09	
		For Up To >10, Add	308.77	
		For >10 To 25, Add	186.42	
		For >25 To 50, Add	133.12	
		For >50 To 100, Add	66.56	
		For >500 To 1,000, Deduct	-23.67	
		For >1,000 To 2,000, Deduct	-35.90	
		For >2,000 To 5,000, Deduct	-59.04	
		For >5,000, Deduct	-97.87	
33 01 30 72-0218	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	516.69	
		For Vinlyester Resin, Add	337.04	
		For Epoxy Resin, Add	39.72	
		For Up To >10, Add	346.35	
		For >10 To 25, Add	208.37	
		For >25 To 50, Add	149.10	
		For >50 To 100, Add	74.55	
		For >500 To 1,000, Deduct	-26.71	
		For >1,000 To 2,000, Deduct	-40.51	
		For >2,000 To 5,000, Deduct	-66.58	
		For >5,000, Deduct	-110.38	
33 01 30 72-0219	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	576.78	
		For Vinlyester Resin, Add	376.39	
		For Epoxy Resin, Add	44.36	
		For Up To >10, Add	386.09	
		For >10 To 25, Add	232.13	
		For >25 To 50, Add	166.16	
		For >50 To 100, Add	83.08	
		For >500 To 1,000, Deduct	-29.82	
		For >1,000 To 2,000, Deduct	-45.21	
		For >2,000 To 5,000, Deduct	-74.29	
		For >5,000, Deduct	-123.17	
33 01 30 72-0220	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	694.12	
		For Vinlyester Resin, Add	455.07	
		For Epoxy Resin, Add	53.63	
		For Up To >10, Add	457.11	
		For >10 To 25, Add	272.58	
		For >25 To 50, Add	196.05	
		For >50 To 100, Add	98.03	
		For >500 To 1,000, Deduct	-35.81	
		For >1,000 To 2,000, Deduct	-54.26	
		For >2,000 To 5,000, Deduct	-89.02	
		For >5,000, Deduct	-147.63	
33 01 30 72-0221	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	812.84	
		For Vinlyester Resin, Add	533.76	
		For Epoxy Resin, Add	62.91	
		For Up To >10, Add	532.25	
		For >10 To 25, Add	316.45	
		For >25 To 50, Add	228.00	
		For >50 To 100, Add	114.00	
		For >500 To 1,000, Deduct	-41.90	
		For >1,000 To 2,000, Deduct	-63.48	
		For >2,000 To 5,000, Deduct	-104.08	
		For >5,000, Deduct	-172.63	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0222	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	933.54	
		For Vinylester Resin, Add	612.44	
		For Epoxy Resin, Add	72.18	
		For Up To >10, Add	613.32	
		For >10 To 25, Add	365.28	
		For >25 To 50, Add	262.91	
		For >50 To 100, Add	131.46	
		For >500 To 1,000, Deduct	-48.14	
		For >1,000 To 2,000, Deduct	-72.95	
		For >2,000 To 5,000, Deduct	-119.65	
		For >5,000, Deduct	-198.43	
33 01 30 72-0223	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,057.72	
		For Vinylester Resin, Add	691.12	
		For Epoxy Resin, Add	81.45	
		For Up To >10, Add	704.86	
		For >10 To 25, Add	422.83	
		For >25 To 50, Add	303.06	
		For >50 To 100, Add	151.53	
		For >500 To 1,000, Deduct	-54.65	
		For >1,000 To 2,000, Deduct	-82.85	
		For >2,000 To 5,000, Deduct	-136.08	
		For >5,000, Deduct	-225.62	
33 01 30 72-0224	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,191.14	
		For Vinylester Resin, Add	769.81	
		For Epoxy Resin, Add	90.73	
		For Up To >10, Add	824.10	
		For >10 To 25, Add	503.46	
		For >25 To 50, Add	357.06	
		For >50 To 100, Add	178.53	
		For >500 To 1,000, Deduct	-61.84	
		For >1,000 To 2,000, Deduct	-93.91	
		For >2,000 To 5,000, Deduct	-154.82	
		For >5,000, Deduct	-256.51	
33 01 30 72-0225	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,336.74	
		For Vinylester Resin, Add	848.50	
		For Epoxy Resin, Add	100.00	
		For Up To >10, Add	979.87	
		For >10 To 25, Add	614.54	
		For >25 To 50, Add	429.33	
		For >50 To 100, Add	214.66	
		For >500 To 1,000, Deduct	-69.95	
		For >1,000 To 2,000, Deduct	-106.49	
		For >2,000 To 5,000, Deduct	-176.61	
		For >5,000, Deduct	-292.27	
33 01 30 72-0226	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,492.12	
		For Vinylester Resin, Add	927.19	
		For Epoxy Resin, Add	109.28	
		For Up To >10, Add	1,164.99	
		For >10 To 25, Add	750.06	
		For >25 To 50, Add	516.27	
		For >50 To 100, Add	258.13	
		For >500 To 1,000, Deduct	-78.80	
		For >1,000 To 2,000, Deduct	-120.29	
		For >2,000 To 5,000, Deduct	-200.84	
		For >5,000, Deduct	-331.94	
33 01 30 72-0227		34.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0228	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	537.42	
		For Vinylester Resin, Add	351.55	
		For Epoxy Resin, Add	41.43	
		For Up To >10, Add	356.71	
		For >10 To 25, Add	213.56	
		For >25 To 50, Add	153.24	
		For >50 To 100, Add	76.62	
		For >500 To 1,000, Deduct	-27.75	
		For >1,000 To 2,000, Deduct	-42.07	
		For >2,000 To 5,000, Deduct	-69.07	
		For >5,000, Deduct	-114.52	
33 01 30 72-0229	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	600.06	
		For Vinylester Resin, Add	392.69	
		For Epoxy Resin, Add	46.28	
		For Up To >10, Add	397.73	
		For >10 To 25, Add	237.95	
		For >25 To 50, Add	170.82	
		For >50 To 100, Add	85.41	
		For >500 To 1,000, Deduct	-30.98	
		For >1,000 To 2,000, Deduct	-46.96	
		For >2,000 To 5,000, Deduct	-77.09	
		For >5,000, Deduct	-127.83	
33 01 30 72-0230	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	722.52	
		For Vinylester Resin, Add	474.95	
		For Epoxy Resin, Add	55.98	
		For Up To >10, Add	471.31	
		For >10 To 25, Add	279.68	
		For >25 To 50, Add	201.73	
		For >50 To 100, Add	100.87	
		For >500 To 1,000, Deduct	-37.23	
		For >1,000 To 2,000, Deduct	-56.39	
		For >2,000 To 5,000, Deduct	-92.43	
		For >5,000, Deduct	-153.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0231	LF		34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	846.34	
			For Vinylster Resin, Add	557.21	
			For Epoxy Resin, Add	65.67	
			For Up To >10, Add	549.00	
			For >10 To 25, Add	324.83	
			For >25 To 50, Add	234.70	
			For >50 To 100, Add	117.35	
			For >500 To 1,000, Deduct	-43.58	
			For >1,000 To 2,000, Deduct	-65.99	
			For >2,000 To 5,000, Deduct	-108.10	
			For >5,000, Deduct	-179.33	
33 01 30 72-0232	LF		34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	972.15	
			For Vinylster Resin, Add	639.47	
			For Epoxy Resin, Add	75.37	
			For Up To >10, Add	632.63	
			For >10 To 25, Add	374.93	
			For >25 To 50, Add	270.64	
			For >50 To 100, Add	135.32	
			For >500 To 1,000, Deduct	-50.07	
			For >1,000 To 2,000, Deduct	-75.84	
			For >2,000 To 5,000, Deduct	-124.28	
			For >5,000, Deduct	-206.15	
33 01 30 72-0233	LF		34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,101.45	
			For Vinylster Resin, Add	721.74	
			For Epoxy Resin, Add	85.06	
			For Up To >10, Add	726.73	
			For >10 To 25, Add	433.76	
			For >25 To 50, Add	311.81	
			For >50 To 100, Add	155.91	
			For >500 To 1,000, Deduct	-56.83	
			For >1,000 To 2,000, Deduct	-86.13	
			For >2,000 To 5,000, Deduct	-141.33	
			For >5,000, Deduct	-234.37	
33 01 30 72-0234	LF		34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,239.97	
			For Vinylster Resin, Add	803.99	
			For Epoxy Resin, Add	94.76	
			For Up To >10, Add	848.51	
			For >10 To 25, Add	515.67	
			For >25 To 50, Add	366.83	
			For >50 To 100, Add	183.41	
			For >500 To 1,000, Deduct	-64.28	
			For >1,000 To 2,000, Deduct	-97.57	
			For >2,000 To 5,000, Deduct	-160.68	
			For >5,000, Deduct	-266.28	
33 01 30 72-0235	LF		34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,390.68	
			For Vinylster Resin, Add	886.26	
			For Epoxy Resin, Add	104.45	
			For Up To >10, Add	1,006.84	
			For >10 To 25, Add	628.02	
			For >25 To 50, Add	440.12	
			For >50 To 100, Add	220.06	
			For >500 To 1,000, Deduct	-72.65	
			For >1,000 To 2,000, Deduct	-110.53	
			For >2,000 To 5,000, Deduct	-183.08	
			For >5,000, Deduct	-303.06	
33 01 30 72-0236	LF		34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,551.16	
			For Vinylster Resin, Add	968.51	
			For Epoxy Resin, Add	114.15	
			For Up To >10, Add	1,194.51	
			For >10 To 25, Add	764.82	
			For >25 To 50, Add	528.07	
			For >50 To 100, Add	264.04	
			For >500 To 1,000, Deduct	-81.75	
			For >1,000 To 2,000, Deduct	-124.72	
			For >2,000 To 5,000, Deduct	-207.92	
			For >5,000, Deduct	-343.75	
33 01 30 72-0237			36mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0238	LF		36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	559.83	
			For Vinylster Resin, Add	366.00	
			For Epoxy Resin, Add	43.14	
			For Up To >10, Add	372.37	
			For >10 To 25, Add	223.16	
			For >25 To 50, Add	160.04	
			For >50 To 100, Add	80.02	
			For >500 To 1,000, Deduct	-28.92	
			For >1,000 To 2,000, Deduct	-43.84	
			For >2,000 To 5,000, Deduct	-71.99	
			For >5,000, Deduct	-119.36	
33 01 30 72-0239	LF		36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	625.24	
			For Vinylster Resin, Add	408.91	
			For Epoxy Resin, Add	48.19	
			For Up To >10, Add	415.32	
			For >10 To 25, Add	248.74	
			For >25 To 50, Add	178.45	
			For >50 To 100, Add	89.23	
			For >500 To 1,000, Deduct	-32.29	
			For >1,000 To 2,000, Deduct	-48.95	
			For >2,000 To 5,000, Deduct	-80.37	
			For >5,000, Deduct	-133.26	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30	72-0240	LF 36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	753.02	
			For Vinyl Ester Resin, Add	494.75	
			For Epoxy Resin, Add	58.31	
			For Up To >10, Add	492.09	
			For >10 To 25, Add	292.27	
			For >25 To 50, Add	210.70	
			For >50 To 100, Add	105.35	
			For >500 To 1,000, Deduct	-38.81	
			For >1,000 To 2,000, Deduct	-58.79	
			For >2,000 To 5,000, Deduct	-96.37	
			For >5,000, Deduct	-159.85	
33 01	30	72-0241	LF 36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	882.27	
			For Vinyl Ester Resin, Add	580.59	
			For Epoxy Resin, Add	68.43	
			For Up To >10, Add	573.26	
			For >10 To 25, Add	339.48	
			For >25 To 50, Add	245.16	
			For >50 To 100, Add	122.58	
			For >500 To 1,000, Deduct	-45.43	
			For >1,000 To 2,000, Deduct	-68.81	
			For >2,000 To 5,000, Deduct	-112.74	
			For >5,000, Deduct	-187.02	
33 01	30	72-0242	LF 36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,013.61	
			For Vinyl Ester Resin, Add	666.43	
			For Epoxy Resin, Add	78.54	
			For Up To >10, Add	660.73	
			For >10 To 25, Add	391.94	
			For >25 To 50, Add	282.76	
			For >50 To 100, Add	141.38	
			For >500 To 1,000, Deduct	-52.22	
			For >1,000 To 2,000, Deduct	-79.10	
			For >2,000 To 5,000, Deduct	-129.64	
			For >5,000, Deduct	-215.04	
33 01	30	72-0243	LF 36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,148.64	
			For Vinyl Ester Resin, Add	752.27	
			For Epoxy Resin, Add	88.66	
			For Up To >10, Add	759.25	
			For >10 To 25, Add	453.59	
			For >25 To 50, Add	325.89	
			For >50 To 100, Add	162.94	
			For >500 To 1,000, Deduct	-59.28	
			For >1,000 To 2,000, Deduct	-89.85	
			For >2,000 To 5,000, Deduct	-147.45	
			For >5,000, Deduct	-244.52	
33 01	30	72-0244	LF 36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,293.32	
			For Vinyl Ester Resin, Add	838.10	
			For Epoxy Resin, Add	98.78	
			For Up To >10, Add	886.74	
			For >10 To 25, Add	539.40	
			For >25 To 50, Add	383.50	
			For >50 To 100, Add	191.75	
			For >500 To 1,000, Deduct	-67.07	
			For >1,000 To 2,000, Deduct	-101.80	
			For >2,000 To 5,000, Deduct	-167.68	
			For >5,000, Deduct	-277.87	
33 01	30	72-0245	LF 36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,450.83	
			For Vinyl Ester Resin, Add	923.94	
			For Epoxy Resin, Add	108.89	
			For Up To >10, Add	1,052.69	
			For >10 To 25, Add	657.26	
			For >25 To 50, Add	460.35	
			For >50 To 100, Add	230.17	
			For >500 To 1,000, Deduct	-75.81	
			For >1,000 To 2,000, Deduct	-115.36	
			For >2,000 To 5,000, Deduct	-191.12	
			For >5,000, Deduct	-316.35	
33 01	30	72-0246	LF 36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,618.53	
			For Vinyl Ester Resin, Add	1,009.79	
			For Epoxy Resin, Add	119.01	
			For Up To >10, Add	1,249.22	
			For >10 To 25, Add	800.59	
			For >25 To 50, Add	552.48	
			For >50 To 100, Add	276.24	
			For >500 To 1,000, Deduct	-85.33	
			For >1,000 To 2,000, Deduct	-130.19	
			For >2,000 To 5,000, Deduct	-217.10	
			For >5,000, Deduct	-358.90	
33 01 30	72-0247	37.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>			
33 01	30	72-0248	LF 37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	648.33	
			For Vinyl Ester Resin, Add	425.08	
			For Epoxy Resin, Add	50.10	
			For Up To >10, Add	426.87	
			For >10 To 25, Add	254.51	
			For >25 To 50, Add	183.07	
			For >50 To 100, Add	91.54	
			For >500 To 1,000, Deduct	-33.44	
			For >1,000 To 2,000, Deduct	-50.68	
			For >2,000 To 5,000, Deduct	-83.14	
			For >5,000, Deduct	-137.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0249	LF		37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	781.21	
			For Vinylester Resin, Add	514.49	
			For Epoxy Resin, Add	60.64	
			For Up To >10, Add	506.18	
			For >10 To 25, Add	299.32	
			For >25 To 50, Add	216.34	
			For >50 To 100, Add	108.17	
			For >500 To 1,000, Deduct	-40.22	
			For >1,000 To 2,000, Deduct	-60.90	
			For >2,000 To 5,000, Deduct	-99.76	
			For >5,000, Deduct	-165.49	
33 01 30 72-0250	LF		37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	915.57	
			For Vinylester Resin, Add	603.90	
			For Epoxy Resin, Add	71.17	
			For Up To >10, Add	589.91	
			For >10 To 25, Add	347.81	
			For >25 To 50, Add	251.82	
			For >50 To 100, Add	125.91	
			For >500 To 1,000, Deduct	-47.10	
			For >1,000 To 2,000, Deduct	-71.31	
			For >2,000 To 5,000, Deduct	-116.74	
			For >5,000, Deduct	-193.68	
33 01 30 72-0251	LF		37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,052.02	
			For Vinylester Resin, Add	693.32	
			For Epoxy Resin, Add	81.71	
			For Up To >10, Add	679.94	
			For >10 To 25, Add	401.54	
			For >25 To 50, Add	290.45	
			For >50 To 100, Add	145.22	
			For >500 To 1,000, Deduct	-54.14	
			For >1,000 To 2,000, Deduct	-81.98	
			For >2,000 To 5,000, Deduct	-134.25	
			For >5,000, Deduct	-222.72	
33 01 30 72-0252	LF		37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,192.16	
			For Vinylester Resin, Add	782.73	
			For Epoxy Resin, Add	92.25	
			For Up To >10, Add	781.01	
			For >10 To 25, Add	464.47	
			For >25 To 50, Add	334.59	
			For >50 To 100, Add	167.30	
			For >500 To 1,000, Deduct	-61.46	
			For >1,000 To 2,000, Deduct	-93.11	
			For >2,000 To 5,000, Deduct	-152.68	
			For >5,000, Deduct	-253.23	
33 01 30 72-0253	LF		37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,341.95	
			For Vinylester Resin, Add	872.14	
			For Epoxy Resin, Add	102.79	
			For Up To >10, Add	911.05	
			For >10 To 25, Add	551.56	
			For >25 To 50, Add	393.23	
			For >50 To 100, Add	196.61	
			For >500 To 1,000, Deduct	-69.50	
			For >1,000 To 2,000, Deduct	-105.45	
			For >2,000 To 5,000, Deduct	-173.52	
			For >5,000, Deduct	-287.60	
33 01 30 72-0254	LF		37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,504.57	
			For Vinylester Resin, Add	961.56	
			For Epoxy Resin, Add	113.33	
			For Up To >10, Add	1,079.56	
			For >10 To 25, Add	670.69	
			For >25 To 50, Add	471.10	
			For >50 To 100, Add	235.55	
			For >500 To 1,000, Deduct	-78.50	
			For >1,000 To 2,000, Deduct	-119.39	
			For >2,000 To 5,000, Deduct	-197.57	
			For >5,000, Deduct	-327.10	
33 01 30 72-0255	LF		37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,677.37	
			For Vinylester Resin, Add	1,050.97	
			For Epoxy Resin, Add	123.86	
			For Up To >10, Add	1,278.64	
			For >10 To 25, Add	815.30	
			For >25 To 50, Add	564.25	
			For >50 To 100, Add	282.12	
			For >500 To 1,000, Deduct	-88.27	
			For >1,000 To 2,000, Deduct	-134.60	
			For >2,000 To 5,000, Deduct	-224.16	
			For >5,000, Deduct	-370.67	
33 01 30 72-0256			39mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0257	LF		39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	811.61	
			For Vinylester Resin, Add	534.15	
			For Epoxy Resin, Add	62.95	
			For Up To >10, Add	527.16	
			For >10 To 25, Add	312.12	
			For >25 To 50, Add	225.42	
			For >50 To 100, Add	112.71	
			For >500 To 1,000, Deduct	-41.79	
			For >1,000 To 2,000, Deduct	-63.30	
			For >2,000 To 5,000, Deduct	-103.70	
			For >5,000, Deduct	-172.03	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0258	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	951.40
		For Vinylster Resin, Add	627.14
		For Epoxy Resin, Add	73.91
		For Up To >10, Add	614.40
		For >10 To 25, Add	362.68
		For >25 To 50, Add	262.40
		For >50 To 100, Add	131.20
		For >500 To 1,000, Deduct	-48.96
		For >1,000 To 2,000, Deduct	-74.13
		For >2,000 To 5,000, Deduct	-121.38
		For >5,000, Deduct	-201.38
33 01 30 72-0259	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,093.48
		For Vinylster Resin, Add	720.13
		For Epoxy Resin, Add	84.87
		For Up To >10, Add	708.54
		For >10 To 25, Add	418.99
		For >25 To 50, Add	302.83
		For >50 To 100, Add	151.42
		For >500 To 1,000, Deduct	-56.29
		For >1,000 To 2,000, Deduct	-85.25
		For >2,000 To 5,000, Deduct	-139.63
		For >5,000, Deduct	-231.64
33 01 30 72-0260	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,239.25
		For Vinylster Resin, Add	813.13
		For Epoxy Resin, Add	95.83
		For Up To >10, Add	813.73
		For >10 To 25, Add	484.50
		For >25 To 50, Add	348.78
		For >50 To 100, Add	174.39
		For >500 To 1,000, Deduct	-63.90
		For >1,000 To 2,000, Deduct	-96.83
		For >2,000 To 5,000, Deduct	-158.80
		For >5,000, Deduct	-263.38
33 01 30 72-0261	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,395.21
		For Vinylster Resin, Add	906.12
		For Epoxy Resin, Add	106.79
		For Up To >10, Add	949.51
		For >10 To 25, Add	575.51
		For >25 To 50, Add	410.03
		For >50 To 100, Add	205.02
		For >500 To 1,000, Deduct	-72.28
		For >1,000 To 2,000, Deduct	-109.68
		For >2,000 To 5,000, Deduct	-180.52
		For >5,000, Deduct	-299.19
33 01 30 72-0262	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,564.73
		For Vinylster Resin, Add	999.11
		For Epoxy Resin, Add	117.75
		For Up To >10, Add	1,125.94
		For >10 To 25, Add	700.40
		For >25 To 50, Add	491.61
		For >50 To 100, Add	245.80
		For >500 To 1,000, Deduct	-81.67
		For >1,000 To 2,000, Deduct	-124.23
		For >2,000 To 5,000, Deduct	-205.63
		For >5,000, Deduct	-340.43
33 01 30 72-0263	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,745.05
		For Vinylster Resin, Add	1,092.10
		For Epoxy Resin, Add	128.71
		For Up To >10, Add	1,334.80
		For >10 To 25, Add	852.31
		For >25 To 50, Add	589.39
		For >50 To 100, Add	294.70
		For >500 To 1,000, Deduct	-91.88
		For >1,000 To 2,000, Deduct	-140.12
		For >2,000 To 5,000, Deduct	-233.44
		For >5,000, Deduct	-385.99
33 01 30 72-0264		40.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>	
33 01 30 72-0265	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	984.50
		For Vinylster Resin, Add	650.31
		For Epoxy Resin, Add	76.64
		For Up To >10, Add	630.95
		For >10 To 25, Add	370.96
		For >25 To 50, Add	269.02
		For >50 To 100, Add	134.51
		For >500 To 1,000, Deduct	-50.61
		For >1,000 To 2,000, Deduct	-76.61
		For >2,000 To 5,000, Deduct	-125.35
		For >5,000, Deduct	-208.00
33 01 30 72-0266	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,131.65
		For Vinylster Resin, Add	746.88
		For Epoxy Resin, Add	88.03
		For Up To >10, Add	727.53
		For >10 To 25, Add	428.44
		For >25 To 50, Add	310.41
		For >50 To 100, Add	155.21
		For >500 To 1,000, Deduct	-58.20
		For >1,000 To 2,000, Deduct	-88.11
		For >2,000 To 5,000, Deduct	-144.21
		For >5,000, Deduct	-239.27

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

33 01 30 72-0267	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,282.57	
		For Vinylster Resin, Add	843.45	
		For Epoxy Resin, Add	99.41	
		For Up To >10, Add	835.39	
		For >10 To 25, Add	495.33	
		For >25 To 50, Add	357.45	
		For >50 To 100, Add	178.72	
		For >500 To 1,000, Deduct	-66.07	
		For >1,000 To 2,000, Deduct	-100.07	
		For >2,000 To 5,000, Deduct	-164.00	
		For >5,000, Deduct	-272.04	
33 01 30 72-0268	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,443.64	
		For Vinylster Resin, Add	940.02	
		For Epoxy Resin, Add	110.79	
		For Up To >10, Add	973.72	
		For >10 To 25, Add	587.62	
		For >25 To 50, Add	419.72	
		For >50 To 100, Add	209.86	
		For >500 To 1,000, Deduct	-74.70	
		For >1,000 To 2,000, Deduct	-113.31	
		For >2,000 To 5,000, Deduct	-186.34	
		For >5,000, Deduct	-308.88	
33 01 30 72-0269	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,618.27	
		For Vinylster Resin, Add	1,036.59	
		For Epoxy Resin, Add	122.17	
		For Up To >10, Add	1,152.71	
		For >10 To 25, Add	713.79	
		For >25 To 50, Add	502.31	
		For >50 To 100, Add	251.16	
		For >500 To 1,000, Deduct	-84.35	
		For >1,000 To 2,000, Deduct	-128.24	
		For >2,000 To 5,000, Deduct	-212.06	
		For >5,000, Deduct	-351.14	
33 01 30 72-0270	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,803.60	
		For Vinylster Resin, Add	1,133.15	
		For Epoxy Resin, Add	133.55	
		For Up To >10, Add	1,363.83	
		For >10 To 25, Add	866.72	
		For >25 To 50, Add	600.97	
		For >50 To 100, Add	300.49	
		For >500 To 1,000, Deduct	-94.80	
		For >1,000 To 2,000, Deduct	-144.51	
		For >2,000 To 5,000, Deduct	-240.46	
		For >5,000, Deduct	-397.68	

33 01 30 72-0271 42mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0272	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,172.96	
		For Vinylster Resin, Add	773.56	
		For Epoxy Resin, Add	91.17	
		For Up To >10, Add	756.18	
		For >10 To 25, Add	445.97	
		For >25 To 50, Add	322.84	
		For >50 To 100, Add	161.42	
		For >500 To 1,000, Deduct	-60.35	
		For >1,000 To 2,000, Deduct	-91.37	
		For >2,000 To 5,000, Deduct	-149.58	
		For >5,000, Deduct	-248.17	
33 01 30 72-0273	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,329.68	
		For Vinylster Resin, Add	873.71	
		For Epoxy Resin, Add	102.97	
		For Up To >10, Add	868.67	
		For >10 To 25, Add	515.86	
		For >25 To 50, Add	371.93	
		For >50 To 100, Add	185.96	
		For >500 To 1,000, Deduct	-68.52	
		For >1,000 To 2,000, Deduct	-103.80	
		For >2,000 To 5,000, Deduct	-170.16	
		For >5,000, Deduct	-282.24	
33 01 30 72-0274	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,497.01	
		For Vinylster Resin, Add	973.85	
		For Epoxy Resin, Add	114.77	
		For Up To >10, Add	1,013.01	
		For >10 To 25, Add	612.30	
		For >25 To 50, Add	436.94	
		For >50 To 100, Add	218.47	
		For >500 To 1,000, Deduct	-77.50	
		For >1,000 To 2,000, Deduct	-117.57	
		For >2,000 To 5,000, Deduct	-193.40	
		For >5,000, Deduct	-320.56	
33 01 30 72-0275	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,664.34	
		For Vinylster Resin, Add	1,073.99	
		For Epoxy Resin, Add	126.58	
		For Up To >10, Add	1,157.35	
		For >10 To 25, Add	708.74	
		For >25 To 50, Add	501.96	
		For >50 To 100, Add	250.98	
		For >500 To 1,000, Deduct	-86.47	
		For >1,000 To 2,000, Deduct	-131.33	
		For >2,000 To 5,000, Deduct	-216.63	
		For >5,000, Deduct	-358.88	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0276	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,871.19
		<i>For Vinlyester Resin, Add</i>	1,174.14
		<i>For Epoxy Resin, Add</i>	138.38
		<i>For Up To >10, Add</i>	1,420.22
		<i>For >10 To 25, Add</i>	903.96
		<i>For >25 To 50, Add</i>	626.24
		<i>For >50 To 100, Add</i>	313.12
		<i>For >500 To 1,000, Deduct</i>	-98.41
		<i>For >1,000 To 2,000, Deduct</i>	-150.03
		<i>For >2,000 To 5,000, Deduct</i>	-249.74
		<i>For >5,000, Deduct</i>	-413.01
33 01 30 74 Cured-in-Place Lateral Lining (33 01 30)			
33 01 30 74-0001		Laterals; Cutting, Grouting And Reinstatement (33 01 30 74)	
33 01 30 74-0002		Lateral Reinstatement/Reconnection (33 01 30 74-0001)	
33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic).....	427.70
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic)	462.37
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic)	491.27
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic).....	520.17
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic).....	549.06
33 01 30 74-0008 Grout Lateral Service (33 01 30 74-0001)			
33 01 30 74-0009 Grout Lateral Service - Bladder (33 01 30 74-0008)			
33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder.....	459.42
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder	524.64
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder	589.87
33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application (33 01 30 74-0008)			
33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application	497.22
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application	535.04
33 01 30 74-0016 Lateral T-Liner (33 01 30 74-0001)			
Note: As manufactured by LMK.			
33 01 30 74-0017	EA	Up To 4" Lateral T-Liner.....	574.16
33 01 30 74-0018	EA	6" Lateral T-Liner	638.14
33 01 30 74-0019	EA	8" Lateral T-Liner	737.18
33 01 30 74-0020 Lining Lateral Pipe (33 01 30 74-0001)			
33 01 30 74-0021 Lining Lateral Pipe (33 01 30 74-0020)			
33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP)	25.96
		<i>For 7.5mm, Add</i>	2.23
		<i>For 9 mm, Add</i>	4.42
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP)	30.15
		<i>For 7.5mm, Add</i>	3.04
		<i>For 9 mm, Add</i>	6.02
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP)	37.76
		<i>For 7.5mm, Add</i>	4.66
		<i>For 9 mm, Add</i>	9.21
33 01 30 74-0025 Lining Manhole Drop (33 01 30 74-0020)			
33 01 30 74-0026	EA	Manhole Drop Section Lining.....	604.74
33 01 30 79 Fold-and-Form Pipe Lining (33 01 30)			
33 01 30 79-0001		Form and Fold Relining Underground Pipelines (33 01 30 79)	
Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.			
33 01 30 79-0002		Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion (33 01 30 79-0001)	
33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines.....	4,202.56
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	1,681.02
33 01 30 79-0005 Form And Fold Polyethylene (PE) Pipeliner (33 01 30 79-0001)			
33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	29.81
		<i>For DR 26 Pipe Liner, Add</i>	5.20
		<i>For Up To 75, Add</i>	17.68
		<i>For >75 To 150, Add</i>	8.84
		<i>For >500 To 1,000, Deduct</i>	-0.68
		<i>For >1,000 To 2,000, Deduct</i>	-1.35
		<i>For >2,000, Deduct</i>	-2.70

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
33 01 30 79-0007	LF			6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 37.95		
				<i>For DR 26 Pipe Liner, Add</i>	7.07	
				<i>For DR 35 Pipe Liner, Deduct</i>	-3.53	
				<i>For Up To 75, Add</i>	20.19	
				<i>For >75 To 150, Add</i>	10.09	
				<i>For >500 To 1,000, Deduct</i>	-0.73	
				<i>For >1,000 To 2,000, Deduct</i>	-1.45	
				<i>For >2,000, Deduct</i>	-2.91	
33 01 30 79-0008	LF			8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 39.28		
				<i>For DR 26 Pipe Liner, Add</i>	7.20	
				<i>For DR 35 Pipe Liner, Deduct</i>	-3.60	
				<i>For Up To 75, Add</i>	21.51	
				<i>For >75 To 150, Add</i>	10.75	
				<i>For >500 To 1,000, Deduct</i>	-0.79	
				<i>For >1,000 To 2,000, Deduct</i>	-1.58	
				<i>For >2,000, Deduct</i>	-3.15	
33 01 30 79-0009	LF			10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 54.63		
				<i>For DR 26 Pipe Liner, Add</i>	10.79	
				<i>For DR 35 Pipe Liner, Deduct</i>	-5.40	
				<i>For DR 41 Pipe Liner, Deduct</i>	-10.79	
				<i>For Up To 75, Add</i>	25.82	
				<i>For >75 To 150, Add</i>	12.91	
				<i>For >500 To 1,000, Deduct</i>	-0.86	
				<i>For >1,000 To 2,000, Deduct</i>	-1.72	
				<i>For >2,000, Deduct</i>	-3.44	
33 01 30 79-0010	LF			12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 75.79		
				<i>For DR 26 Pipe Liner, Add</i>	15.80	
				<i>For DR 35 Pipe Liner, Deduct</i>	-7.90	
				<i>For DR 41 Pipe Liner, Deduct</i>	-15.80	
				<i>For Up To 75, Add</i>	31.55	
				<i>For >75 To 150, Add</i>	15.78	
				<i>For >500 To 1,000, Deduct</i>	-0.95	
				<i>For >1,000 To 2,000, Deduct</i>	-1.89	
				<i>For >2,000, Deduct</i>	-3.78	
33 01 30 79-0011	LF			15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 103.29		
				<i>For DR 35 Pipe Liner, Deduct</i>	-11.12	
				<i>For DR 41 Pipe Liner, Deduct</i>	-22.24	
				<i>For Up To 75, Add</i>	39.29	
				<i>For >75 To 150, Add</i>	19.64	
				<i>For >500 To 1,000, Deduct</i>	-1.07	
				<i>For >1,000 To 2,000, Deduct</i>	-2.15	
				<i>For >2,000, Deduct</i>	-4.30	
33 01 30 79-0012	LF			18" Diameter Form and Fold Polyethylene Pipeliner, DR 35 145.16		
				<i>For DR 41 Pipe Liner, Deduct</i>	-12.90	
				<i>For DR 50 Pipe Liner, Deduct</i>	-25.80	
				<i>For Up To 75, Add</i>	50.05	
				<i>For >75 To 150, Add</i>	25.03	
				<i>For >500 To 1,000, Deduct</i>	-1.21	
				<i>For >1,000 To 2,000, Deduct</i>	-2.43	
				<i>For >2,000, Deduct</i>	-4.85	
33 01 30 79-0013	LF			21" Diameter Form and Fold Polyethylene Pipeliner, DR 47 164.03		
				<i>For DR 50 Pipe Liner, Deduct</i>	-21.98	
				<i>For DR 55 Pipe Liner, Deduct</i>	-36.63	
				<i>For Up To 75, Add</i>	55.57	
				<i>For >75 To 150, Add</i>	27.78	
				<i>For >500 To 1,000, Deduct</i>	-1.31	
				<i>For >1,000 To 2,000, Deduct</i>	-2.63	
				<i>For >2,000, Deduct</i>	-5.25	
33 01 30 79-0014	LF			24" Diameter Form and Fold Polyethylene Pipeliner, DR 55 199.63		
				<i>For DR 60 Pipe Liner, Deduct</i>	-27.08	
				<i>For Up To 75, Add</i>	64.76	
				<i>For >75 To 150, Add</i>	32.38	
				<i>For >500 To 1,000, Deduct</i>	-1.43	
				<i>For >1,000 To 2,000, Deduct</i>	-2.87	
				<i>For >2,000, Deduct</i>	-5.73	
33 01 30 79-0015				Form And Fold Polyvinyl Chloride (PVC) Pipeliner <small>(33 01 30 79-0001)</small>		
33 01 30 79-0016	LF			4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 31.77		
				<i>For Up To 75, Add</i>	18.07	
				<i>For >75 To 150, Add</i>	9.03	
				<i>For >500 To 1,000, Deduct</i>	-0.68	
				<i>For >1,000 To 2,000, Deduct</i>	-1.35	
				<i>For >2,000, Deduct</i>	-2.70	
				<i>For DR 26 Pipe Liner, Add</i>	5.69	
33 01 30 79-0017	LF			6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 37.95		
				<i>For Up To 75, Add</i>	20.19	
				<i>For >75 To 150, Add</i>	10.09	
				<i>For >500 To 1,000, Deduct</i>	-0.73	
				<i>For >1,000 To 2,000, Deduct</i>	-1.45	
				<i>For >2,000, Deduct</i>	-2.91	
				<i>For DR 26 Pipe Liner, Add</i>	7.07	
				<i>For DR 35 Pipe Liner, Deduct</i>	-3.53	
33 01 30 79-0018	LF			8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 41.90		
				<i>For Up To 75, Add</i>	22.03	
				<i>For >75 To 150, Add</i>	11.02	
				<i>For >500 To 1,000, Deduct</i>	-0.79	
				<i>For >1,000 To 2,000, Deduct</i>	-1.58	
				<i>For >2,000, Deduct</i>	-3.15	
				<i>For DR 26 Pipe Liner, Add</i>	7.85	
				<i>For DR 35 Pipe Liner, Deduct</i>	-3.93	

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	58.55	
			For Up To 75, Add	26.61	
			For >75 To 150, Add	13.30	
			For >500 To 1,000, Deduct	-0.86	
			For >1,000 To 2,000, Deduct	-1.72	
			For >2,000, Deduct	-3.44	
			For DR 26 Pipe Liner, Add	11.77	
			For DR 35 Pipe Liner, Deduct	-5.89	
			For DR 41 Pipe Liner, Deduct	-11.77	
33 01	30 79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	81.68	
			For Up To 75, Add	32.73	
			For >75 To 150, Add	16.36	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000 To 2,000, Deduct	-1.89	
			For >2,000, Deduct	-3.78	
			For DR 26 Pipe Liner, Add	17.27	
			For DR 35 Pipe Liner, Deduct	-8.63	
			For DR 41 Pipe Liner, Deduct	-17.27	
33 01	30 79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	111.66	
			For Up To 75, Add	40.96	
			For >75 To 150, Add	20.48	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000 To 2,000, Deduct	-2.15	
			For >2,000, Deduct	-4.30	
			For DR 35 Pipe Liner, Deduct	-12.17	
			For DR 41 Pipe Liner, Deduct	-24.33	
33 01	30 79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35.....	157.45	
			For Up To 75, Add	52.51	
			For >75 To 150, Add	26.26	
			For >500 To 1,000, Deduct	-1.21	
			For >1,000 To 2,000, Deduct	-2.43	
			For >2,000, Deduct	-4.85	
			For DR 41 Pipe Liner, Deduct	-14.13	
			For DR 50 Pipe Liner, Deduct	-28.26	
33 01	30 79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47.....	177.63	
			For Up To 75, Add	58.29	
			For >75 To 150, Add	29.14	
			For >500 To 1,000, Deduct	-1.31	
			For >1,000 To 2,000, Deduct	-2.63	
			For >2,000, Deduct	-5.25	
			For DR 50 Pipe Liner, Deduct	-24.02	
			For DR 55 Pipe Liner, Deduct	-40.03	
33 01	30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55.....	216.90	
			For Up To 75, Add	68.21	
			For >75 To 150, Add	34.11	
			For >500 To 1,000, Deduct	-1.43	
			For >1,000 To 2,000, Deduct	-2.87	
			For >2,000, Deduct	-5.73	
			For DR 60 Pipe Liner, Deduct	-29.67	

33 01 30 81 Manhole Rehabilitation (33 01 30)

33 01	30 81-0001		Restoration And Rehabilitation Of Manholes (33 01 30 81) Note: Work is in confined spaces.		
33 01	30 81-0002		Inspection And Ventilation System Set-up (33 01 30 81-0001)		
33 01	30 81-0003	EA	Inspect Manhole.....	157.20	
33 01	30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System.....	9,280.23	
			Note: For internal inspection and repair of water mains.		
33 01	30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System.....	13,082.96	
			Note: For internal inspection and repair of water mains		
33 01	30 81-0006		Manhole Seals (33 01 30 81-0001)		
33 01	30 81-0007		Internal Manhole Chimney Seals (33 01 30 81-0006) Note: CreteX.		
33 01	30 81-0008	EA	20" Internal Manhole Chimney Seal.....	418.76	
33 01	30 81-0009	EA	22" Internal Manhole Chimney Seal.....	441.40	
33 01	30 81-0010	EA	24" Internal Manhole Chimney Seal.....	452.71	
33 01	30 81-0011	EA	26" Internal Manhole Chimney Seal.....	520.62	
33 01	30 81-0012	EA	28" Internal Manhole Chimney Seal.....	588.53	
33 01	30 81-0013	EA	30" Internal Manhole Chimney Seal.....	656.42	
33 01	30 81-0014	EA	36" Internal Manhole Chimney Seal.....	792.24	
33 01	30 81-0015		External Manhole Encapsulation (33 01 30 81-0006) Note: Wrapidseal.		
33 01	30 81-0016	EA	24" External Manhole Encapsulation.....	611.15	
33 01	30 81-0017	EA	30" External Manhole Encapsulation.....	645.11	
33 01	30 81-0018	EA	36" External Manhole Encapsulation.....	690.38	
33 01	30 81-0019	EA	42" External Manhole Encapsulation.....	746.97	
33 01	30 81-0020	EA	48" External Manhole Encapsulation.....	826.20	
33 01	30 81-0021	EA	54" External Manhole Encapsulation.....	916.74	
33 01	30 81-0022	EA	60" External Manhole Encapsulation.....	1,029.91	
33 01	30 81-0023		Manhole Crack Repair (33 01 30 81-0001) Note: Includes removing loose materials and cleaning.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 81-0024	LF			Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair.....	45.30	
33 01 30 81-0025	LF			>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair.....	61.09	
33 01 30 81-0026	LF			Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair.....	42.58	
33 01 30 81-0027	LF			>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair.....	57.55	
33 01 30 81-0028				Manhole Patching (33 01 30 81-0001)		
				Note: Includes removing loose materials and cleaning.		
33 01 30 81-0029	SF			Up To 1/4" Thick, Cementitious Grout, Manhole Patching.....	14.00	
33 01 30 81-0030	SF			Up To 1/4" Thick, Epoxy Grout, Manhole Patching.....	35.68	
33 01 30 81-0031				Manhole Joint Restoration (33 01 30 81-0001)		
				Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 81-0032	EA			3' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,556.99	
				Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
				<i>For Grouting Each Additional Manhole Joint Section, Add</i>	201.01	
33 01 30 81-0033	EA			3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,817.46	
				Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
				<i>For Grouting Each Additional Manhole Joint Section, Add</i>	222.01	
33 01 30 81-0034	EA			4' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,075.98	
				Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
				<i>For Grouting Each Additional Manhole Joint Section, Add</i>	243.02	
33 01 30 81-0035	EA			5' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,438.44	
				Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
				<i>For Grouting Each Additional Manhole Joint Section, Add</i>	253.52	
33 01 30 81-0036	EA			6' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,799.93	
				Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
				<i>For Grouting Each Additional Manhole Joint Section, Add</i>	264.02	
33 01 30 81-0037				Step Installation In Existing Manholes (33 01 30 81-0001)		
				Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0038	EA			Drill And Grout 8" x 9" Cast Iron Manhole Steps.....	109.42	18.71
33 01 30 81-0039	EA			Drill And Grout Galvanized Steel Manhole Step.....	85.92	18.71
33 01 30 81-0040	EA			Bolt On Galvanized Steel Manhole Step.....	106.99	18.71
33 01 30 81-0041	EA			Drill And Grout Aluminum Manhole Step.....	104.11	18.71
33 01 30 81-0042	EA			Drill And Insert Polypropylene Manhole Step.....	51.94	14.97
33 01 30 81-0043				Invert Restoration (33 01 30 81-0001)		
				Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044				Concrete Invert Restoration (33 01 30 81-0043)		
33 01 30 81-0045	EA			2' Diameter, Concrete Invert Restoration.....	317.45	
33 01 30 81-0046	EA			3' Diameter, Concrete Invert Restoration.....	356.75	
33 01 30 81-0047	EA			4' Diameter, Concrete Invert Restoration.....	396.05	
33 01 30 81-0048	EA			5' Diameter, Concrete Invert Restoration.....	435.35	
33 01 30 81-0049	EA			6' Diameter, Concrete Invert Restoration.....	553.25	
33 01 30 81-0050	SF			Square Or Rectangular, Concrete Invert Restoration.....	31.49	
33 01 30 81-0051				Brick Invert Restoration (33 01 30 81-0043)		
33 01 30 81-0052	EA			2' Diameter, Brick Invert Restoration.....	505.19	
33 01 30 81-0053	EA			3' Diameter, Brick Invert Restoration.....	544.48	
33 01 30 81-0054	EA			4' Diameter, Brick Invert Restoration.....	583.79	
33 01 30 81-0055	EA			5' Diameter, Brick Invert Restoration.....	623.09	
33 01 30 81-0056	EA			6' Diameter, Brick Invert Restoration.....	662.39	
33 01 30 81-0057	SF			Square Or Rectangular, Brick Invert Restoration.....	44.02	
33 01 30 82				Epoxy Lining For Concrete Manholes (33 01 30)		
33 01 30 82-0001				Epoxy Manhole Restoration, Interior (33 01 30 82)		
33 01 30 82-0002	VLF			60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior.....	271.62	
				<i>For 80 Mil Material, Add</i>	29.50	
				<i>For 100 Mil Material, Add</i>	59.01	
				<i>For 125 Mil Material, Add</i>	91.46	
				<i>For 150 Mil Material, Add</i>	123.91	
				<i>For 200 Mil Material, Add</i>	176.99	
				<i>For 2 To 5 Manholes, Deduct</i>	-19.49	
				<i>For 6 To 10 Manholes, Deduct</i>	-32.19	
				<i>For >10 Manholes, Deduct</i>	-64.37	
33 01 30 82-0003	VLF			60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior.....	330.05	
				<i>For 80 Mil Material, Add</i>	35.42	
				<i>For 100 Mil Material, Add</i>	70.84	
				<i>For 125 Mil Material, Add</i>	109.69	
				<i>For 150 Mil Material, Add</i>	148.55	
				<i>For 200 Mil Material, Add</i>	211.83	
				<i>For 2 To 5 Manholes, Deduct</i>	-23.72	
				<i>For 6 To 10 Manholes, Deduct</i>	-39.19	
				<i>For >10 Manholes, Deduct</i>	-78.38	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns: Code, Description, Unit Cost, Demolition Cost. Includes items for 33 01 30 82-0004, 33 01 30 82-0005, and 33 01 30 82-0006.

33 01 30 83 Lining For Concrete Manholes (33 01 30)

33 01 30 83-0001 Manhole Lining (33 01 30 83)
Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior (33 01 30 83-0001)

Table with columns: Code, Description, Unit Cost, Demolition Cost. Includes items for 33 01 30 83-0003, 33 01 30 83-0004, 33 01 30 83-0005, 33 01 30 83-0006, and 33 01 30 83-0007.

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior (33 01 30 83-0001)

Table with columns: Code, Description, Unit Cost, Demolition Cost. Includes items for 33 01 30 83-0009, 33 01 30 83-0010, and 33 01 30 83-0011.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0012			VLF 60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	414.38	
			For 80 Mil Material, Add	36.40	
			For 100 Mil Material, Add	72.80	
			For 125 Mil Material, Add	110.91	
			For 150 Mil Material, Add	149.02	
			For 200 Mil Material, Add	205.56	
			For 2 To 5 Manholes, Deduct	-30.56	
			For 6 To 10 Manholes, Deduct	-50.77	
			For >10 Manholes, Deduct	-101.54	
33 01 30 83-0013			VLF 60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	497.25	
			For 80 Mil Material, Add	43.68	
			For 100 Mil Material, Add	87.35	
			For 125 Mil Material, Add	133.09	
			For 150 Mil Material, Add	178.83	
			For 200 Mil Material, Add	246.67	
			For 2 To 5 Manholes, Deduct	-36.68	
			For 6 To 10 Manholes, Deduct	-60.92	
			For >10 Manholes, Deduct	-121.84	
33 01 30 83-0014			Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration,		
			Interior <small>(33 01 30 83-0001)</small>		
33 01 30 83-0015			VLF 3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	363.45	
			For 2 To 5 Manholes, Deduct	-21.72	
			For 6 To 10 Manholes, Deduct	-34.35	
			For >10 Manholes, Deduct	-68.70	
33 01 30 83-0016			VLF 3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	445.02	
			For 2 To 5 Manholes, Deduct	-26.59	
			For 6 To 10 Manholes, Deduct	-42.04	
			For >10 Manholes, Deduct	-84.09	
33 01 30 83-0017			VLF 4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	520.64	
			For 2 To 5 Manholes, Deduct	-30.76	
			For 6 To 10 Manholes, Deduct	-48.50	
			For >10 Manholes, Deduct	-97.01	
33 01 30 83-0018			VLF 5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	652.73	
			For 2 To 5 Manholes, Deduct	-38.55	
			For 6 To 10 Manholes, Deduct	-60.77	
			For >10 Manholes, Deduct	-121.55	
33 01 30 83-0019			VLF 6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	784.82	
			For 2 To 5 Manholes, Deduct	-46.33	
			For 6 To 10 Manholes, Deduct	-73.05	
			For >10 Manholes, Deduct	-146.09	
33 01 30 86			Manhole Rim Adjustment <small>(33 01 30)</small>		
33 01 30 86-0001			Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers <small>(33 01 30 86)</small>		
33 01 30 86-0002			Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or		
			Steel, Manhole Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0003	EA		Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	284.28	
33 01 30 86-0004	EA		>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	318.69	
33 01 30 86-0005	EA		>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	350.14	
33 01 30 86-0006	EA		>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	385.69	
33 01 30 86-0007	EA		>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	414.94	
33 01 30 86-0008			Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or		
			Steel, Manhole Cover Riser <small>(33 01 30 86-0001)</small>		
33 01 30 86-0009	EA		Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	331.05	
33 01 30 86-0010	EA		>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	360.42	
33 01 30 86-0011	EA		>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	397.10	
33 01 30 86-0012	EA		>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	432.64	
33 01 30 86-0013	EA		>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser.....	467.08	
33 01 30 86-0014			>6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole		
			Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0015	EA		>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	463.39	
33 01 30 86-0016	EA		7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	503.39	
33 01 30 86-0017	EA		7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	544.09	
33 01 30 86-0018	EA		8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	577.01	
33 01 30 86-0019	EA		9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	626.32	
33 01 30 86-0020	EA		10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	671.47	
33 01 30 86-0021	EA		11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	715.87	
33 01 30 86-0022	EA		12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	761.32	
33 01 30 86-0023			>12" Rise, Solid Manhole Risers <small>(33 01 30 86)</small>		
33 01 30 86-0024			Precast Concrete Manhole Riser <small>(33 01 30 86-0023)</small>		
33 01 30 86-0025	VLF		Up To 26" Diameter Precast Concrete Manhole Riser.....	97.84	
33 01 30 86-0026	VLF		>26" To 36" Diameter Precast Concrete Manhole Riser.....	116.74	
33 01 30 86-0027	VLF		>36" To 48" Diameter Precast Concrete Manhole Riser.....	133.28	
33 01 30 86-0028	VLF		>48" To 60" Diameter Precast Concrete Manhole Riser.....	267.64	
33 01 30 86-0029	VLF		>60" To 72" Diameter Precast Concrete Manhole Riser.....	392.77	

33	33	Utilities
	33 01	Operation And Maintenance Of Utilities
	33 01 30	Operation And Maintenance Of Sewer Utilities



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 Common Work Results For Utilities ⁽³³⁾

33 05 07 Trenchless Installation of Utility Piping ^(33 05)

33 05 07 13 Utility Directional Drilling ^(33 05 07)

33 05 07 13-0001

Horizontal Augering ^(33 05 07 13)

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	21.70	
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	26.19	
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	35.92	
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	46.40	
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	81.28	
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	118.57	
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	142.47	
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	170.20	
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	294.51	
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	361.26	
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	445.59	
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	509.09	
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	636.33	
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	685.66	
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	745.68	
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	781.76	
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge	3,442.32	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge	4,580.80	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge	6,495.92	
		Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

33 05 07 13-0021

Horizontal Directional Boring ^(33 05 07 13)

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	11.30	
		For Horizontal Boring Through Rock, Add	7.91	
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	16.96	
		For Horizontal Boring Through Rock, Add	11.87	
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	23.55	
		For Horizontal Boring Through Rock, Add	16.49	
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	29.20	
		For Horizontal Boring Through Rock, Add	20.44	
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	34.85	
		For Horizontal Boring Through Rock, Add	24.40	
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	40.50	
		For Horizontal Boring Through Rock, Add	28.35	
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	47.10	
		For Horizontal Boring Through Rock, Add	32.97	
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	57.37	
		For Horizontal Boring Through Rock, Add	40.16	
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	62.15	
		For Horizontal Boring Through Rock, Add	43.51	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	66.94	
		For Horizontal Boring Through Rock, Add	46.86	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	138.65	
		For Horizontal Boring Through Rock, Add	97.06	
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	213.42	
		For Horizontal Boring Through Rock, Add	149.39	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	325.34	
		For Horizontal Boring Through Rock, Add	227.74	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	520.55	
		For Horizontal Boring Through Rock, Add	364.39	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge	3,014.45	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge	3,442.32	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge	4,580.80	
		Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

33 05 07 23 Utility Boring and Jacking ^(33 05 07)

33 05 07 23-0001

Horizontal Jacking ^(33 05 07 23)

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	46.54	
		For Horizontal Jacking Through Rock, Add	24.42	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	55.89	
		For Horizontal Jacking Through Rock, Add	29.48	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	75.77	
		For Horizontal Jacking Through Rock, Add	40.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 05 07 23-0005	LF 6" Diameter Horizontal Jacking.....	97.91	
	<i>For Horizontal Jacking Through Rock, Add</i>	52.21	
33 05 07 23-0006	LF 8" Diameter Horizontal Jacking.....	132.98	
	<i>For Horizontal Jacking Through Rock, Add</i>	71.56	
33 05 07 23-0007	LF 10" Diameter Horizontal Jacking.....	194.77	
	<i>For Horizontal Jacking Through Rock, Add</i>	104.42	
33 05 07 23-0008	LF 12" Diameter Horizontal Jacking.....	234.38	
	<i>For Horizontal Jacking Through Rock, Add</i>	125.47	
33 05 07 23-0009	LF 16" Diameter Horizontal Jacking.....	279.87	
	<i>For Horizontal Jacking Through Rock, Add</i>	149.89	
33 05 07 23-0010	LF 20" Diameter Horizontal Jacking.....	447.00	
	<i>For Horizontal Jacking Through Rock, Add</i>	260.20	
33 05 07 23-0011	LF 24" Diameter Horizontal Jacking.....	682.24	
	<i>For Horizontal Jacking Through Rock, Add</i>	292.01	
33 05 07 23-0012	LF 30" Diameter Horizontal Jacking.....	801.40	
	<i>For Horizontal Jacking Through Rock, Add</i>	360.57	
33 05 07 23-0013	LF 36" Diameter Horizontal Jacking.....	907.08	
	<i>For Horizontal Jacking Through Rock, Add</i>	412.28	
33 05 07 23-0014	LF 42" Diameter Horizontal Jacking.....	975.34	
	<i>For Horizontal Jacking Through Rock, Add</i>	445.21	
33 05 07 23-0015	LF 48" Diameter Horizontal Jacking.....	1,056.42	
	<i>For Horizontal Jacking Through Rock, Add</i>	479.70	
33 05 07 23-0016	LF 54" Diameter Horizontal Jacking.....	1,132.74	
	<i>For Horizontal Jacking Through Rock, Add</i>	522.07	
33 05 07 23-0017	EA Up To 6" Horizontal Jacking Minimum Set-up Charge.....	3,014.45	
	Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 23-0018	EA >6" To 20" Horizontal Jacking Minimum Set-up Charge.....	3,442.32	
	Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 23-0019	EA >20" To 36" Horizontal Jacking Minimum Set-up Charge.....	4,580.80	
	Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 23-0020	EA >36" Horizontal Jacking Minimum Set-up Charge.....	6,495.92	
	Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

33 05 07 24 Casing Piping for Utility Jacking (33 05 07)

33 05 07 24-0001	Casing Pipe (33 05 07 24) Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.		
33 05 07 24-0002	Steel Pipe (33 05 07 24-0001)		
33 05 07 24-0003	LF 1-1/2" Steel Pipe Pull In Place By Boring Machine.....	11.75	
	Note: Includes pipe welding.		
33 05 07 24-0004	LF 2" Steel Pipe Pull In Place By Boring Machine.....	12.46	
	Note: Includes pipe welding.		
33 05 07 24-0005	LF 2-1/2" Steel Pipe Pull In Place By Boring Machine.....	13.43	
	Note: Includes pipe welding.		
33 05 07 24-0006	LF 3" Steel Pipe Pull In Place By Boring Machine.....	14.43	
	Note: Includes pipe welding.		
33 05 07 24-0007	LF 4" Steel Pipe Pull In Place By Boring Machine.....	18.13	
	Note: Includes pipe welding.		
33 05 07 24-0008	LF 5" Steel Pipe Pull In Place By Boring Machine.....	20.43	
	Note: Includes pipe welding.		
33 05 07 24-0009	LF 6" Steel Pipe Pull In Place By Boring Machine.....	22.74	
	Note: Includes pipe welding.		
33 05 07 24-0010	Polyethylene Pipe (33 05 07 24-0001)		
33 05 07 24-0011	LF 3/4" Polyethylene Pipe Pull In Place By Boring Machine.....	4.58	
	Note: Includes pipe welding.		
33 05 07 24-0012	LF 1" Polyethylene Pipe Pull In Place By Boring Machine.....	5.02	
	Note: Includes pipe welding.		
33 05 07 24-0013	LF 1-1/4" Polyethylene Pipe Pull In Place By Boring Machine.....	5.44	
	Note: Includes pipe welding.		
33 05 07 24-0014	LF 1-1/2" Polyethylene Pipe Pull In Place By Boring Machine.....	5.81	
	Note: Includes pipe welding.		
33 05 07 24-0015	LF 2" Polyethylene Pipe Pull In Place By Boring Machine.....	6.22	
	Note: Includes pipe welding.		
33 05 07 24-0016	LF 2-1/2" Polyethylene Pipe Pull In Place By Boring Machine.....	6.66	
	Note: Includes pipe welding.		
33 05 07 24-0017	LF 3" Polyethylene Pipe Pull In Place By Boring Machine.....	7.10	
	Note: Includes pipe welding.		
33 05 07 24-0018	LF 4" Polyethylene Pipe Pull In Place By Boring Machine.....	8.62	
	Note: Includes pipe welding.		
33 05 07 24-0019	LF 5" Polyethylene Pipe Pull In Place By Boring Machine.....	9.54	
	Note: Includes pipe welding.		
33 05 07 24-0020	LF 6" Polyethylene Pipe Pull In Place By Boring Machine.....	10.47	
	Note: Includes pipe welding.		
33 05 07 24-0021	LF 8" Polyethylene Pipe Pull In Place By Boring Machine.....	13.66	
	Note: Includes pipe welding.		
33 05 07 24-0022	LF 10" Polyethylene Pipe Pull In Place By Boring Machine.....	18.61	
	Note: Includes pipe welding.		

33 Utilities

33 05 Common Work Results For Utilities

33 05 09 Piping Specials for Utilities

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 05 09	Piping Specials for Utilities <small>(33 05)</small>	
33 05 09 23	Adapters for Utility Piping <small>(33 05 09)</small>	
	See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.	
33 05 09 33	Thrust Restraint for Utility Piping <small>(33 05 09)</small>	
	See CSI section 33 14 13 13-0392 for mechanical restraints, 33 14 13 13-0423 for flanged restraints, 33 14 13 13-0830 for slip-on restraints, 33 14 13 13-0841 for slip-on restraint harnesses.	
33 05 16	Cast-Iron Utility Pipe <small>(33 05)</small>	
	See CSI section 22 13 16 00-0019 for cast iron utility piping.	
33 05 17	Copper Utility Pipe and Tubing <small>(33 05)</small>	
	See CSI section 33 14 13 39-0000 for copper utility piping.	
33 05 19	Ductile-Iron Utility Pipe <small>(33 05)</small>	
	See CSI section 33 14 13 13-0000 for ductile iron utility piping.	
33 05 24	Steel Utility Pipe <small>(33 05)</small>	
33 05 24 23	Steel Pipe for Water Service <small>(33 05 24)</small>	
	See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.	
33 05 27	Corrugated Metal Utility Pipe <small>(33 05)</small>	
33 05 27 13	Corrugated Metal Culvert Pipe <small>(33 05 27)</small>	
	See CSI section 33 42 11 00-0285 for corrugated metal culvert pipe.	
33 05 27 23	Corrugated Metal Slotted Pipe <small>(33 05 27)</small>	
	See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.	
33 05 27 33	Corrugated Metal Culvert Arch Pipe <small>(33 05 27)</small>	
	See CSI section 33 42 11 00-0629 for corrugated metal culvert arch pipe.	
33 05 31	Thermoplastic Utility Pipe <small>(33 05)</small>	
33 05 31 11	Polyvinyl Chloride Gravity Sewer Pipe <small>(33 05 31)</small>	
	See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.	
33 05 31 13	Polyvinyl Chloride Pressure Pipe <small>(33 05 31)</small>	
	See CSI section 33 14 13 23-0256 for polyvinyl chloride pressure pipe.	
33 05 31 16	Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) <small>(33 05 31)</small>	
	See CSI section 33 14 13 23-0001 for AWWA C900 and 905 polyvinyl chloride pressure pipe.	
33 05 33	Polyethylene Utility Pipe <small>(33 05)</small>	
33 05 33 13	Corrugated-Wall, Smooth Interior HDPE Gravity Pipe <small>(33 05 33)</small>	
	See CSI section 33 42 11 00-0159 for corrugated-wall smooth interior HDPE gravity pipe.	
33 05 33 23	Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) <small>(33 05 33)</small>	
	See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.	
33 05 33 33	Corrugated, Perforated HDPE Drainage Pipe <small>(33 05 33)</small>	
	See CSI section 33 42 11 00-0181 for corrugated perforated HDPE drainage pipe.	
33 05 33 36	Corrugated, Non-Perforated HDPE Drainage Pipe <small>(33 05 33)</small>	
	See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.	
33 05 33 53	HDPE Gas Utility Pipe <small>(33 05 33)</small>	
	See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.	
33 05 33 63	HDPE Communication Duct <small>(33 05 33)</small>	
33 05 33 63-0001	ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine <small>(33 05 33 63)</small>	
	Note: Excludes boring.	
33 05 33 63-0002	LF 1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	2.71
	For Up To 250, Add.....	0.07
	For >250 To 500, Add.....	0.05
33 05 33 63-0003	LF 1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.01
	For Up To 250, Add.....	0.09
	For >250 To 500, Add.....	0.06
33 05 33 63-0004	LF 1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.26
	For Up To 250, Add.....	0.10
	For >250 To 500, Add.....	0.07
33 05 33 63-0005	LF 2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.57
	For Up To 250, Add.....	0.12
	For >250 To 500, Add.....	0.08
33 05 33 63-0006	LF 3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.65
	For Up To 250, Add.....	0.25
	For >250 To 500, Add.....	0.16
33 05 33 63-0007	LF 4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	5.76
	For Up To 250, Add.....	0.38
	For >250 To 500, Add.....	0.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 05 33 63-0008	LF		1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	2.76	
			<i>For Up To 250, Add</i>	0.08	
			<i>For >250 To 500, Add</i>	0.05	
33 05 33 63-0009	LF		1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.11	
			<i>For Up To 250, Add</i>	0.10	
			<i>For >250 To 500, Add</i>	0.07	
33 05 33 63-0010	LF		1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.34	
			<i>For Up To 250, Add</i>	0.11	
			<i>For >250 To 500, Add</i>	0.07	
33 05 33 63-0011	LF		2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.76	
			<i>For Up To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.10	
33 05 33 63-0012	LF		3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	5.06	
			<i>For Up To 250, Add</i>	0.31	
			<i>For >250 To 500, Add</i>	0.21	
33 05 33 63-0013	LF		4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	6.28	
			<i>For Up To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.30	
33 05 39			Concrete Pipe <small>(33 05)</small>		
33 05 39 13			Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) <small>(33 05 39)</small>		
			<small>See CSI section 33 42 11 00-0054 for prestressed concrete pressure pipe.</small>		
33 05 39 41			Reinforced Concrete Pipe for Sewers and Culverts <small>(33 05 39)</small>		
			<small>See CSI section 33 42 11 00-0001 for reinforced concrete pipe.</small>		
33 05 41			Vitrified Clay Utility Pipe <small>(33 05)</small>		
			<small>See CSI section 33 42 11 00-1323 for vitrified clay piping.</small>		
33 05 61			Concrete Manholes <small>(33 05)</small>		
33 05 61 00-0001			Manholes <small>(33 05 61)</small>		
33 05 61 00-0002			Precast Concrete Manholes <small>(33 05 61 00-0001)</small>		
			<small>Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.</small>		
33 05 61 00-0003			3' Diameter, Precast Concrete Manholes <small>(33 05 61 00-0002)</small>		
33 05 61 00-0004	EA		4' Deep, 3' Diameter, Precast Concrete Manhole	1,121.39	241.35
			<i>For Bitumastic Coating, Add</i>	45.83	
			<i>For Epoxy Coating, Add</i>	87.58	
33 05 61 00-0005	EA		6' Deep, 3' Diameter, Precast Concrete Manhole	1,537.48	346.67
			<i>For Bitumastic Coating, Add</i>	68.75	
			<i>For Epoxy Coating, Add</i>	131.38	
33 05 61 00-0006	EA		8' Deep, 3' Diameter, Precast Concrete Manhole	2,102.78	526.59
			<i>For Bitumastic Coating, Add</i>	91.67	
			<i>For Epoxy Coating, Add</i>	175.17	
33 05 61 00-0007	VLF		Riser For 3' Diameter, Precast Concrete Manhole	225.60	61.43
			<small>Note: For depths greater than 8'.</small>		
			<i>For Bitumastic Coating, Add</i>	11.46	
			<i>For Epoxy Coating, Add</i>	21.90	
33 05 61 00-0008	VLF		Drop Collar For 3' Diameter, Precast Concrete Manhole.....	240.67	61.43
33 05 61 00-0009	EA		Drop Base For 3' Diameter, Precast Concrete Manhole.....	366.08	61.43
33 05 61 00-0010	EA		Extended Base Slab For 3' Diameter, Precast Concrete Manhole	298.74	61.43
33 05 61 00-0011	EA		Precast Channel For 3' Diameter, Precast Concrete Manhole	413.45	61.43
33 05 61 00-0012			4' Diameter, Precast Concrete Manholes <small>(33 05 61 00-0002)</small>		
33 05 61 00-0013	EA		4' Deep, 4' Diameter, Precast Concrete Manhole	1,431.21	276.46
			<i>For Bitumastic Coating, Add</i>	45.83	
			<i>For Epoxy Coating, Add</i>	87.58	
33 05 61 00-0014	EA		6' Deep, 4' Diameter, Precast Concrete Manhole	1,916.66	377.39
			<i>For Bitumastic Coating, Add</i>	68.75	
			<i>For Epoxy Coating, Add</i>	131.38	
33 05 61 00-0015	EA		8' Deep, 4' Diameter, Precast Concrete Manhole	2,578.36	570.46
			<i>For Bitumastic Coating, Add</i>	91.67	
			<i>For Epoxy Coating, Add</i>	175.17	
33 05 61 00-0016	VLF		Riser For 4' Diameter, Precast Concrete Manhole	283.30	72.40
			<small>Note: For depths greater than 8'.</small>		
			<i>For Bitumastic Coating, Add</i>	11.46	
			<i>For Epoxy Coating, Add</i>	21.90	
33 05 61 00-0017	VLF		Drop Collar For 4' Diameter, Precast Concrete Manhole.....	303.94	72.40
33 05 61 00-0018	EA		Drop Base For 4' Diameter, Precast Concrete Manhole.....	475.68	72.40
33 05 61 00-0019	EA		Extended Base Slab For 4' Diameter, Precast Concrete Manhole	383.45	72.40
33 05 61 00-0020	EA		Precast Channel For 4' Diameter, Precast Concrete Manhole	540.55	72.40
33 05 61 00-0021			5' Diameter, Precast Concrete Manholes <small>(33 05 61 00-0002)</small>		
33 05 61 00-0022	EA		4' Deep, 5' Diameter, Precast Concrete Manhole	2,536.72	307.18
			<i>For Bitumastic Coating, Add</i>	59.05	
			<i>For Epoxy Coating, Add</i>	141.19	

33 Utilities

33 05 Common Work Results For Utilities

33 05 61 Concrete Manholes



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0023	EA		6' Deep, 5' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	3,385.78 88.58 211.79	421.27
33 05 61 00-0024	EA		8' Deep, 5' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	4,430.19 118.11 282.39	631.91
33 05 61 00-0025	VLF		Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	469.79 14.76 35.30	78.98
33 05 61 00-0026 6' Diameter, Precast Concrete Manholes (33 05 61 00-0002)					
33 05 61 00-0027	EA		4' Deep, 6' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	3,353.41 67.61 165.30	342.28
33 05 61 00-0028	EA		6' Deep, 6' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	4,383.34 101.41 247.95	465.16
33 05 61 00-0029	EA		8' Deep, 6' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	5,631.98 135.22 330.60	702.12
33 05 61 00-0030	VLF		Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	564.90 16.90 41.33	87.77
33 05 61 00-0031 7' Diameter, Precast Concrete Manholes (33 05 61 00-0002)					
33 05 61 00-0032	EA		4' Deep, 7' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	5,172.75 143.77 288.85	377.39
33 05 61 00-0033	EA		6' Deep, 7' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	6,707.95 215.66 433.28	514.73
33 05 61 00-0034	EA		8' Deep, 7' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	8,483.62 287.54 577.71	772.33
33 05 61 00-0035	VLF		Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	823.34 35.94 72.21	96.54
33 05 61 00-0036 8' Diameter, Precast Concrete Manholes (33 05 61 00-0002)					
33 05 61 00-0037	EA		4' Deep, 8' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	7,407.30 169.97 352.09	434.43
33 05 61 00-0038	EA		6' Deep, 8' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	9,625.12 254.95 528.13	592.41
33 05 61 00-0039	EA		8' Deep, 8' Diameter, Precast Concrete Manhole <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	12,119.40 339.94 704.17	888.61
33 05 61 00-0040	VLF		Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	1,170.35 42.49 88.02	109.71
33 05 63 Concrete Vaults and Chambers (33 05)					
33 05 63 00-0001 Underground Utility Vaults And Structures (33 05 63)					
See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.					
33 05 63 00-0002 Precast Concrete Underground Utility Vault (33 05 63 00-0001)					
Note: Sizes given are for inside dimensions.					
33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault (33 05 63 00-0002)					
33 05 63 00-0004	EA		4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,124.77	
33 05 63 00-0005	EA		4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,073.13	
33 05 63 00-0006	EA		5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,719.61	
33 05 63 00-0007	EA		5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,758.98	
33 05 63 00-0008	EA		6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,205.21	
33 05 63 00-0009	EA		6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,336.40	
33 05 63 00-0010	EA		6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,468.49	
33 05 63 00-0011	EA		6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,790.49	
33 05 63 00-0012	EA		6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,790.49	
33 05 63 00-0013	EA		6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,586.96	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 05 63 00-0014	EA		8' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,652.22	
	33 05 63 00-0015	EA		8' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,967.17	
	33 05 63 00-0016	EA		8' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,817.78	
	33 05 63 00-0017	EA		8' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,426.29	
	33 05 63 00-0018			7' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
	33 05 63 00-0019	EA		4' x 4' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,439.97	
	33 05 63 00-0020	EA		4' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,466.69	
	33 05 63 00-0021	EA		4' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,493.40	
	33 05 63 00-0022	EA		5' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,309.54	
	33 05 63 00-0023	EA		5' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,428.11	
	33 05 63 00-0024	EA		6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,677.13	
	33 05 63 00-0025	EA		6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,887.61	
	33 05 63 00-0026	EA		6' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,098.04	
	33 05 63 00-0027	EA		6' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	11,734.34	
	33 05 63 00-0028	EA		6' x 16' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,740.65	
	33 05 63 00-0029	EA		8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,281.74	
	33 05 63 00-0030	EA		8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,675.06	
	33 05 63 00-0031	EA		8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,867.06	
	33 05 63 00-0032	EA		8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,579.10	
	33 05 63 00-0033	EA		10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,076.27	
	33 05 63 00-0034			8' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
	33 05 63 00-0035	EA		4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,754.29	
	33 05 63 00-0036	EA		4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,860.26	
	33 05 63 00-0037	EA		5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,899.45	
	33 05 63 00-0038	EA		5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,096.39	
	33 05 63 00-0039	EA		6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,149.06	
	33 05 63 00-0040	EA		6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,437.88	
	33 05 63 00-0041	EA		6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,726.72	
	33 05 63 00-0042	EA		6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,678.17	
	33 05 63 00-0043	EA		6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,894.38	
	33 05 63 00-0044	EA		8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,910.41	
	33 05 63 00-0045	EA		8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,382.94	
	33 05 63 00-0046	EA		8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,915.39	
	33 05 63 00-0047	EA		8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,732.84	
	33 05 63 00-0048	EA		10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,125.23	
	33 05 63 00-0049			10' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
	33 05 63 00-0050	EA		6' x 6' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,621.01	
	33 05 63 00-0051	EA		6' x 8' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,988.16	
	33 05 63 00-0052	EA		10' x 10' x 10' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,173.51	
	33 05 63 00-0053			12' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
	33 05 63 00-0054	EA		6' x 6' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,092.94	

33 Utilities**33 05 Common Work Results For Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,539.35	
33 05 63 00-0056		Meter Pit (33 05 63 00-0001)		
33 05 63 00-0057		Precast Concrete Meter Pit (33 05 63 00-0056)		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit.....	2,178.59	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit.....	2,917.06	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit.....	3,608.97	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit.....	4,440.56	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit.....	6,031.20	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit.....	3,269.06	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit.....	4,440.56	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit.....	5,669.87	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit.....	7,075.41	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit.....	9,839.05	
33 05 63 00-0068		Handhole Or Pull Box Enclosures (33 05 63 00-0001)		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures (33 05 63 00-0068)		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures (33 05 63 00-0069)		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	223.83	19.81
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	201.94	43.97
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	307.94	65.96
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	354.48	65.96
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	339.11	65.96
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	406.23	65.96
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	396.10	65.96
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	532.02	65.96
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	753.78	87.95
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,046.29	87.95
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	697.60	120.93
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	789.21	120.93
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,265.73	120.93
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	745.85	131.91
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,045.91	131.91
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,291.28	131.91
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,871.63	131.91
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,069.00	195.43
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,520.60	195.43
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	284.63	19.81
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	380.36	65.96
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	455.27	65.96
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	421.74	65.96
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	479.11	65.96
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	494.15	65.96
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	630.92	65.96
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	851.59	120.93
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	943.19	120.93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0102	EA		24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,419.74	120.93
33 05 63 00-0103	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,248.95	195.43
33 05 63 00-0104	EA		30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,703.98	195.43
33 05 63 00-0105			Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)		
33 05 63 00-0106			Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)		
33 05 63 00-0107	EA		5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	362.88	19.81
33 05 63 00-0108	EA		10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	307.85	19.81
33 05 63 00-0109	EA		13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	267.33	65.96
33 05 63 00-0110	EA		17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	299.80	65.96
33 05 63 00-0111	EA		6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	90.47	19.81
33 05 63 00-0112	EA		12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	136.49	19.81
33 05 63 00-0113	EA		8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	216.36	19.81
33 05 63 00-0114	EA		8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	226.03	19.81
33 05 63 00-0115	EA		11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	198.57	43.97
33 05 63 00-0116	EA		11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	213.40	43.97
33 05 63 00-0117	EA		8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	134.51	19.81
33 05 63 00-0118	EA		8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	152.62	19.81
33 05 63 00-0119	EA		11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	211.86	43.97
33 05 63 00-0120	EA		11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	236.78	43.97
33 05 63 00-0121	EA		11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	220.65	43.97
33 05 63 00-0122	EA		13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	268.84	65.96
33 05 63 00-0123	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	293.29	65.96
33 05 63 00-0124	EA		17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	311.47	65.96
33 05 63 00-0125	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.86	65.96
33 05 63 00-0126	EA		17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	393.47	65.96
33 05 63 00-0127	EA		17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	426.59	65.96
33 05 63 00-0128	EA		17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	462.84	65.96
33 05 63 00-0129	EA		17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	485.64	65.96
33 05 63 00-0130	EA		24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	581.96	87.95
33 05 63 00-0131	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	598.37	120.93
33 05 63 00-0132	EA		24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	757.13	120.93
33 05 63 00-0133	EA		24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	903.72	120.93
33 05 63 00-0134	EA		24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	996.29	120.93
33 05 63 00-0135	EA		24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,088.37	120.93
33 05 63 00-0136	EA		36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,245.19	195.43
33 05 63 00-0137	EA		30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	920.65	195.43
33 05 63 00-0138	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,038.23	195.43
33 05 63 00-0139	EA		30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,263.06	195.43
33 05 63 00-0140	EA		30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,260.75	195.43
33 05 63 00-0141	EA		30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,344.68	195.43
33 05 63 00-0142	EA		30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,506.08	195.43
33 05 63 00-0143	EA		36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,393.14	209.39
33 05 63 00-0144	EA		36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,507.10	209.39
33 05 63 00-0145	EA		36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,652.59	209.39
33 05 63 00-0146	EA		36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,710.80	209.39
33 05 63 00-0147	EA		48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,731.03	209.39

33 Utilities**33 05 Common Work Results For Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,952.71	209.39
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,522.20	209.39
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,989.30	209.39
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,235.85	223.35
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,744.06	223.35
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,501.46	223.35

33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	351.63	65.96
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	399.80	65.96
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	148.20	19.81
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	211.10	19.81
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	280.62	19.81
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	290.30	19.81
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	261.87	43.97
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	272.19	43.97
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	285.99	43.97
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	197.46	19.81
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	232.09	19.81
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	285.65	43.97
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.58	43.97
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	295.23	43.97
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	351.17	65.96
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	375.92	65.96
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	409.72	65.96
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	436.93	65.96
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	491.38	65.96
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	524.65	65.96
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	560.74	65.96
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	583.69	65.96
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	717.41	87.95
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	752.37	120.93
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	910.94	120.93
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,057.37	120.93
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,149.80	120.93
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,242.19	120.93
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,098.90	195.43
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,216.65	195.43
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,441.31	195.43

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	324.72	65.96
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	374.22	65.96
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	111.40	19.81
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	178.79	19.81
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	253.73	19.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0192	EA		8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	263.59	19.81
33 05 63 00-0193	EA		11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	244.17	43.97
33 05 63 00-0194	EA		11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	272.86	43.97
33 05 63 00-0195	EA		8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	157.33	19.81
33 05 63 00-0196	EA		11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	258.27	43.97
33 05 63 00-0197	EA		11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	294.01	43.97
33 05 63 00-0198	EA		11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	267.56	43.97
33 05 63 00-0199	EA		13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	347.38	65.96
33 05 63 00-0200	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	396.24	65.96
33 05 63 00-0201	EA		17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	412.49	65.96
33 05 63 00-0202	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	451.19	65.96
33 05 63 00-0203	EA		17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	486.78	65.96
33 05 63 00-0204	EA		17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	520.39	65.96
33 05 63 00-0205	EA		17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	580.57	65.96
33 05 63 00-0206	EA		17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	588.95	65.96
33 05 63 00-0207	EA		24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	727.91	87.95
33 05 63 00-0208	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	765.98	120.93
33 05 63 00-0209	EA		24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	941.10	120.93
33 05 63 00-0210	EA		24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,114.29	120.93
33 05 63 00-0211	EA		24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,229.32	120.93
33 05 63 00-0212	EA		24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,344.36	120.93
33 05 63 00-0213	EA		36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,459.51	195.43
33 05 63 00-0214	EA		30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,134.99	195.43
33 05 63 00-0215	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,261.74	195.43
33 05 63 00-0216	EA		30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,486.42	195.43
33 05 63 00-0217	EA		30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,585.52	195.43
33 05 63 00-0218	EA		30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,616.55	195.43
33 05 63 00-0219	EA		30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,917.61	195.43
33 05 63 00-0220	EA		36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,787.11	209.39
33 05 63 00-0221	EA		36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,846.00	209.39
33 05 63 00-0222	EA		36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,013.02	209.39
33 05 63 00-0223	EA		36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,139.44	209.39
33 05 63 00-0224	EA		36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,970.46	209.39
33 05 63 00-0225	EA		36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,422.57	209.39
33 05 63 00-0226	EA		48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,111.22	209.39
33 05 63 00-0227	EA		48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,314.08	209.39
33 05 63 00-0228	EA		48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,793.83	223.35
33 05 63 00-0229	EA		48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,302.25	223.35
33 05 63 00-0230	EA		48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	4,430.52	223.35
33 05 63 00-0231			Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0105)</small>		
33 05 63 00-0232	EA		13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	409.01	65.96
33 05 63 00-0233	EA		17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	474.42	65.96
33 05 63 00-0234	EA		6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	168.67	19.81
33 05 63 00-0235	EA		12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	253.25	19.81

33 Utilities**33 05 Common Work Results For Utilities****33 05 63 Concrete Vaults and Chambers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	317.86	19.81
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	327.85	19.81
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	317.96	43.97
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	346.48	43.97
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	239.17	19.81
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	331.73	43.97
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	367.47	43.97
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	321.07	43.97
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	430.04	65.96
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	478.91	65.96
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	510.55	65.96
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	549.26	65.96
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	584.84	65.96
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	618.46	65.96
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	678.65	65.96
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	687.01	65.96
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	863.19	87.95
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	919.97	120.93
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,094.93	120.93
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,267.93	120.93
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,383.05	120.93
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,498.17	120.93
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,313.40	195.43
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,440.32	195.43
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,664.84	195.43

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	345.27	65.96
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	233.01	43.97
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	260.56	43.97
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	309.50	65.96
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	242.03	43.97
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	268.43	43.97

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions (33 05 63 00-0069)

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	258.19	65.96
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	286.91	65.96
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	333.37	87.95
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	361.57	87.95
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	433.93	120.93
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	753.38	195.43
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	722.55	195.43
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	729.28	195.43
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	967.20	209.39
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,501.91	223.35
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,949.75	223.35
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	408.89	65.96
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	426.43	65.96

33 Utilities
33 05 Common Work Results For Utilities
33 05 63 Concrete Vaults and Chambers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 63 00-0355	EA	10' x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	80.00	8.80
33 05 63 00-0356	EA	11' x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	111.74	8.80
33 05 63 00-0357	EA	11' x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	112.76	8.80
33 05 63 00-0358	EA	13' x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	140.77	8.80
33 05 63 00-0359	EA	13' x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	108.46	8.80
33 05 63 00-0360	EA	17' x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	132.08	8.80
33 05 63 00-0361	EA	17' x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	165.52	8.80
33 05 63 00-0362	EA	24' x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	229.60	13.19
33 05 63 00-0363	EA	24' x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	288.15	13.19
33 05 63 00-0364	EA	30' x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	535.74	37.22
33 05 63 00-0365	EA	6' x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	66.95	8.81
33 05 63 00-0366	EA	8' x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	103.60	8.81
33 05 63 00-0367	EA	8' x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	115.02	8.81
33 05 63 00-0368	EA	12' x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	109.95	8.81
33 05 63 00-0369	EA	10' x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	90.91	8.80
33 05 63 00-0370	EA	11' x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	142.24	8.80
33 05 63 00-0371	EA	11' x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	154.10	8.80
33 05 63 00-0372	EA	13' x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	200.13	8.80
33 05 63 00-0373	EA	17' x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	227.18	8.80
33 05 63 00-0374	EA	24' x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	308.82	13.19
33 05 63 00-0375	EA	24' x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	384.88	13.19
33 05 63 00-0376	EA	30' x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	703.81	37.22

33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts (33 05 63 00-0290)

33 05 63 00-0378	EA	6' x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	54.35	8.81
33 05 63 00-0379	EA	7' x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	64.21	8.81
33 05 63 00-0380	EA	12' x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	77.48	8.81
33 05 63 00-0381	EA	8' x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	83.38	8.81
33 05 63 00-0382	EA	11' x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	83.21	8.80
33 05 63 00-0383	EA	13' x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	98.33	8.80
33 05 63 00-0384	EA	17' x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	113.18	8.80
33 05 63 00-0385	EA	24' x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	272.55	13.19
33 05 63 00-0386	EA	30' x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	507.54	37.22
33 05 63 00-0387	EA	30' x 5", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	758.62	25.12
33 05 63 00-0388	EA	30' x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	662.56	25.12
33 05 63 00-0389	EA	48' x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	987.36	25.12
33 05 63 00-0390	EA	36' x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	953.02	25.12
33 05 63 00-0391	EA	36' x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,138.98	25.12
33 05 63 00-0392	EA	48' x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,217.11	25.12
33 05 63 00-0393	EA	48' x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,941.58	25.12
33 05 63 00-0394	EA	10' x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	72.06	8.80
33 05 63 00-0395	EA	10' x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	70.42	8.80
33 05 63 00-0396	EA	11' x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	102.93	8.80
33 05 63 00-0397	EA	11' x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	112.89	8.80
33 05 63 00-0398	EA	13' x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	127.48	8.80
33 05 63 00-0399	EA	13' x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	97.47	8.80
33 05 63 00-0400	EA	18' x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	108.46	8.80
33 05 63 00-0401	EA	17' x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	152.89	8.80
33 05 63 00-0402	EA	24' x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	221.28	13.19
33 05 63 00-0403	EA	20' x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	275.62	13.19
33 05 63 00-0404	EA	24' x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	272.39	13.19
33 05 63 00-0405	EA	36' x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	489.10	19.55
33 05 63 00-0406	EA	30' x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	507.54	22.33

33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0408	EA	30' x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	789.57	25.12
33 05 63 00-0409	EA	36' x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,140.13	25.12
33 05 63 00-0410	EA	30' x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	662.81	37.22
33 05 63 00-0411	EA	30' x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	876.81	37.22
33 05 63 00-0412	EA	30' x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	936.77	25.12
33 05 63 00-0413	EA	36' x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,274.16	25.12

33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0415	EA	24' x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	308.92	13.19
33 05 63 00-0416	EA	36' x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	572.41	19.55
33 05 63 00-0417	EA	30' x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	599.04	37.22
33 05 63 00-0418	EA	6' x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	51.60	8.81
33 05 63 00-0419	EA	8' x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	83.90	8.81
33 05 63 00-0420	EA	12' x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	92.07	8.81
33 05 63 00-0421	EA	8' x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	97.48	8.81
33 05 63 00-0422	EA	10' x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	85.83	8.80
33 05 63 00-0423	EA	11' x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	149.29	8.80
33 05 63 00-0424	EA	24' x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	412.67	13.19
33 05 63 00-0425	EA	36' x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	759.53	19.55
33 05 63 00-0426	EA	30' x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	796.48	37.22

33 05 63 00-0427 Precast Concrete Handholes With Steel Cover (33 05 63 00-0068)

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0428	EA		12" x 12" x 12" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	700.21 18.00	201.04
33 05 63 00-0429	EA		12" x 24" x 21" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	1,171.77 94.64	301.56
33 05 63 00-0430	EA		18" x 30" x 18" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	1,425.66 162.67	402.09
33 05 63 00-0431	EA		24" x 24" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	1,478.71 203.76	402.09
33 05 63 00-0432	EA		24" x 24" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	1,742.70 243.81	502.61
33 05 63 00-0433	EA		30" x 36" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	1,830.99 272.20	502.61
33 05 63 00-0434	EA		36" x 36" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	2,118.68 316.65	603.13
33 05 63 00-0435	EA		48" x 48" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	2,434.27 454.48	703.65
33 05 63 00-0436	EA		48" x 72" x 36" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	2,380.25 505.97	603.13
33 05 63 00-0437	EA		54" x 38" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	2,402.74 335.77	603.13
33 05 63 00-0438	EA		6" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	556.21 15.00	201.04
33 05 63 00-0439	EA		9" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	653.85 15.00	226.18
33 05 63 00-0440	EA		12" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top. <i>For 15,000 to 22,500 Pound Traffic Rated Top, Add</i>	798.87 15.00	251.31
33 05 81 Metallic Castings for Utility Structures <small>(33 05)</small>					
33 05 81 00-0001 Manhole Accessories <small>(33 05 81)</small>					
33 05 81 00-0002 Steps For Cast-In-Place Manholes <small>(33 05 81 00-0001)</small>					
See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.					
33 05 81 00-0003	EA		Cast Iron Manhole Step For New Manholes	69.49	
33 05 81 00-0004	EA		Galvanized Steel Manhole Step For New Manholes.....	45.99	
33 05 81 00-0005	EA		Aluminum Manhole Step For New Manholes.....	64.18	
33 05 81 00-0006 Manhole Covers And Frames <small>(33 05 81)</small>					
Note: Includes moisture-tight masonry joints and waterproof grouting.					
33 05 81 00-0007 Regular Manhole Covers And Frames <small>(33 05 81 00-0006)</small>					
33 05 81 00-0008	EA		18" Square, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,032.24 562.84	75.48
33 05 81 00-0009	EA		18" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	618.48 273.20	75.48
33 05 81 00-0010	EA		24" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	714.56 315.88	87.77
33 05 81 00-0011	EA		24" Square, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,076.60 548.84	97.42
33 05 81 00-0012	EA		26" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	939.21 435.40	105.32
33 05 81 00-0013	EA		30" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	979.14 455.03	109.71
33 05 81 00-0014 Watertight Type Manhole Covers And Frames <small>(33 05 81 00-0006)</small>					
33 05 81 00-0015	EA		20" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,135.91 621.52	62.31
33 05 81 00-0016	EA		22" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,159.24 623.55	62.31
33 05 81 00-0017	EA		24" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,189.21 627.66	72.84
33 05 81 00-0018	EA		26" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,404.55 761.14	81.62
33 05 81 00-0019	EA		30" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,612.73 898.54	83.38
33 05 81 00-0020	EA		32" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,692.60 951.43	85.13
33 05 81 00-0021	EA		36" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,764.39 998.54	87.77
33 05 81 00-0022 Aluminum Manhole Covers And Frames <small>(33 05 81 00-0006)</small>					
33 05 81 00-0023	EA		12" Square Aluminum Manhole Cover With Frame	750.99	26.11

33 Utilities**33 05 Common Work Results For Utilities****33 05 81 Metallic Castings for Utility Structures**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame		1,360.23	28.91
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame		1,944.77	33.56
33 05 81 00-0026		Remove And Reinstall Manhole Cover And Frame <small>(33 05 81 00-0006)</small>			
		Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.			
33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame		351.88	
33 05 83 Non-Metallic Accessories for Utility Structures					
		<small>(33 05)</small>			
33 05 83 00-0001		Manhole Accessories <small>(33 05 83)</small>			
33 05 83 00-0002		Steps For Cast-In-Place Manholes <small>(33 05 83 00-0001)</small>			
		See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.			
33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes		36.69	
33 05 83 00-0004		Rainguard Inflow Protectors <small>(33 05 83)</small>			
33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	102.43		18.71
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	115.96		18.71
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	138.72		22.45
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	147.28		22.45
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	181.30		26.19
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	191.79		26.19
33 05 84 Accessories for Utility Structures					
		<small>(33 05)</small>			
		See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.			
33 05 84 00-0001		Manhole Accessories <small>(33 05 84)</small>			
33 05 84 00-0002		Precast Concrete Manhole Tops <small>(33 05 84 00-0001)</small>			
33 05 84 00-0003		Precast Concrete Manhole Slab Tops <small>(33 05 84 00-0002)</small>			
33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab.....	461.07		65.83
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab.....	636.69		71.09
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab.....	853.48		76.35
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab.....	1,018.20		81.62
33 05 84 00-0008		Precast Concrete Manhole Cone Tops <small>(33 05 84 00-0002)</small>			
33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone.....	724.66		82.28
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	803.75		85.57
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone.....	882.86		88.86
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone.....	1,036.63		94.35
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone.....	1,194.81		100.93
33 05 84 00-0014		Pipe To Manhole Connector <small>(33 05 84 00-0001)</small>			
33 05 84 00-0015		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors <small>(33 05 84 00-0014)</small>			
33 05 84 00-0016	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	74.02		
33 05 84 00-0017	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	108.43		
33 05 84 00-0018	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	122.27		
33 05 84 00-0019	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	184.08		
33 05 84 00-0020	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	256.89		
33 05 84 00-0021	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	340.35		
33 05 84 00-0022	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	610.95		
33 05 84 00-0023	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	847.97		
33 05 84 00-0024	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,335.05		
33 05 84 00-0025	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,572.75		
33 05 84 00-0026		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout			
		<small>(33 05 84 00-0014)</small>			
		Note: Fernco CMA.			
33 05 84 00-0027	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	82.83		
33 05 84 00-0028	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	114.18		
33 05 84 00-0029	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	144.01		
33 05 84 00-0030	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	173.72		
33 05 84 00-0031	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	201.71		
33 05 84 00-0032		Brick And Grout Pipe To Manhole Connector <small>(33 05 84 00-0014)</small>			
33 05 84 00-0033	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....	227.28		
33 05 84 00-0034		Inverts For Manholes <small>(33 05 84 00-0001)</small>			
33 05 84 00-0035	EA	Single Channel Concrete Invert For Manholes	388.74		
33 05 84 00-0036	EA	Double Channel Concrete Invert For Manholes.....	561.05		
33 05 84 00-0037	EA	Triple Channel Concrete Invert For Manholes.....	755.49		
33 05 84 00-0038	EA	Quad Channel Concrete Invert For Manholes	949.88		
33 05 84 00-0039	EA	Single Channel Brick Invert For Manholes.....	564.29		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0040	EA		Double Channel Brick Invert For Manholes	844.86	
33 05 84 00-0041	EA		Triple Channel Brick Invert For Manholes.....	1,130.27	
33 05 84 00-0042	EA		Quad Channel Brick Invert For Manholes.....	1,412.35	
33 05 84 00-0043			Protective Coating For New Manholes (33 05 84 00-0001)		
33 05 84 00-0044			Polyurethane Protective Coating For New Manholes (33 05 84 00-0043)		
33 05 84 00-0045	VL	F	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	153.48	
			<i>For 80 Mil Material, Add</i>	20.64	
			<i>For 100 Mil Material, Add</i>	41.29	
			<i>For 125 Mil Material, Add</i>	64.87	
			<i>For 150 Mil Material, Add</i>	88.46	
			<i>For 200 Mil Material, Add</i>	129.74	
			<i>For 2 To 5 Manholes, Deduct</i>	-10.63	
			<i>For 6 To 10 Manholes, Deduct</i>	-17.42	
			<i>For >10 Manholes, Deduct</i>	-34.84	
33 05 84 00-0046	VL	F	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior.....	185.67	
			<i>For 80 Mil Material, Add</i>	24.59	
			<i>For 100 Mil Material, Add</i>	49.18	
			<i>For 125 Mil Material, Add</i>	77.21	
			<i>For 150 Mil Material, Add</i>	105.24	
			<i>For 200 Mil Material, Add</i>	154.08	
			<i>For 2 To 5 Manholes, Deduct</i>	-12.89	
			<i>For 6 To 10 Manholes, Deduct</i>	-21.14	
			<i>For >10 Manholes, Deduct</i>	-42.29	
33 05 84 00-0047	VL	F	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	204.66	
			<i>For 80 Mil Material, Add</i>	27.53	
			<i>For 100 Mil Material, Add</i>	55.05	
			<i>For 125 Mil Material, Add</i>	86.51	
			<i>For 150 Mil Material, Add</i>	117.97	
			<i>For 200 Mil Material, Add</i>	173.00	
			<i>For 2 To 5 Manholes, Deduct</i>	-14.17	
			<i>For 6 To 10 Manholes, Deduct</i>	-23.23	
			<i>For >10 Manholes, Deduct</i>	-46.45	
33 05 84 00-0048	VL	F	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	255.85	
			<i>For 80 Mil Material, Add</i>	34.42	
			<i>For 100 Mil Material, Add</i>	68.84	
			<i>For 125 Mil Material, Add</i>	108.17	
			<i>For 150 Mil Material, Add</i>	147.51	
			<i>For 200 Mil Material, Add</i>	216.33	
			<i>For 2 To 5 Manholes, Deduct</i>	-17.71	
			<i>For 6 To 10 Manholes, Deduct</i>	-29.03	
			<i>For >10 Manholes, Deduct</i>	-58.07	
33 05 84 00-0049	VL	F	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	296.51	
			<i>For 80 Mil Material, Add</i>	40.51	
			<i>For 100 Mil Material, Add</i>	81.03	
			<i>For 125 Mil Material, Add</i>	127.43	
			<i>For 150 Mil Material, Add</i>	173.84	
			<i>For 200 Mil Material, Add</i>	255.37	
			<i>For 2 To 5 Manholes, Deduct</i>	-20.47	
			<i>For 6 To 10 Manholes, Deduct</i>	-33.53	
			<i>For >10 Manholes, Deduct</i>	-67.05	
33 05 84 00-0050			Polyvinyl Chloride (PVC) Liner (33 05 84 00-0043)		
			Note: For new manholes and shop applied.		
33 05 84 00-0051	VL	F	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	166.21	
33 05 84 00-0052	VL	F	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	203.75	
33 05 84 00-0053	VL	F	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	248.65	
33 05 84 00-0054	VL	F	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	312.26	
33 05 84 00-0055	VL	F	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	375.86	
33 05 84 00-0056	SF		Polyvinyl Chloride (PVC) Liner At Structures.....	35.36	
33 05 84 00-0057			Concrete Grade Extensions/Grade Rings (33 05 84 00-0001)		
33 05 84 00-0058			18" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0057)		
33 05 84 00-0059	EA		4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings.....	69.86	
33 05 84 00-0060	EA		6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	75.93	
33 05 84 00-0061	EA		8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	82.01	
33 05 84 00-0062	EA		10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	88.08	
33 05 84 00-0063			24" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0057)		
33 05 84 00-0064	EA		4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	78.39	
33 05 84 00-0065	EA		6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	85.30	
33 05 84 00-0066	EA		8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	92.20	
33 05 84 00-0067	EA		10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	99.10	
33 05 84 00-0068			30" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0057)		
33 05 84 00-0069	EA		4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	86.75	
33 05 84 00-0070	EA		6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	94.45	
33 05 84 00-0071	EA		8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	102.14	
33 05 84 00-0072	EA		10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	109.84	

33 Utilities**33 05 Common Work Results For Utilities****33 05 84 Accessories for Utility Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 84 00-0073		Bentonite Collar (33 05 84 00-0001)		
33 05 84 00-0074		Bentonite Collar At Manhole Connections (33 05 84 00-0073)		
33 05 84 00-0075	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	116.20	
33 05 84 00-0076	EA	>12" To 21", Bentonite Collar At Manhole Connection.....	184.33	
33 05 84 00-0077	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	294.63	
33 05 84 00-0078	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	691.60	
33 05 84 00-0079	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,061.72	
33 05 84 00-0080	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	1,922.88	
33 05 84 00-0081		Waste Water Collection System Taps (33 05 84)		
		Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0082		Brick Manhole Taps (33 05 84 00-0081)		
33 05 84 00-0083	EA	4" Tap In 6" Brick Manhole.....	437.54	
33 05 84 00-0084	EA	6" Tap In 6" Brick Manhole.....	488.76	
33 05 84 00-0085	EA	8" Tap In 6" Brick Manhole.....	539.05	
33 05 84 00-0086	EA	10" Tap In 6" Brick Manhole.....	589.25	
33 05 84 00-0087	EA	12" Tap In 6" Brick Manhole.....	650.25	
33 05 84 00-0088	EA	15" Tap In 6" Brick Manhole.....	700.34	
33 05 84 00-0089		Precast Concrete Manhole Tap (33 05 84 00-0081)		
33 05 84 00-0090	EA	4" Tap In Existing Precast Concrete Manhole.....	632.43	
33 05 84 00-0091	EA	6" Tap In Existing Precast Concrete Manhole.....	709.25	
33 05 84 00-0092	EA	8" Tap In Existing Precast Concrete Manhole.....	791.89	
33 05 84 00-0093	EA	10" Tap In Existing Precast Concrete Manhole.....	867.18	
33 05 84 00-0094	EA	12" Tap In Existing Precast Concrete Manhole.....	942.32	
33 05 84 00-0095	EA	15" Tap In Existing Precast Concrete Manhole.....	1,019.29	
33 05 84 00-0096	EA	18" Tap In Existing Precast Concrete Manhole.....	1,168.56	
33 05 84 00-0097	EA	24" Tap In Existing Precast Concrete Manhole.....	1,499.07	
33 05 97		Identification and Signage for Utilities (33 05)		
33 05 97 23		Utility Identification Warning Tape (33 05 97)		
33 05 97 23-0001		Non-Detectable Utility Warning Tape (33 05 97 23)		
		Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape.....	5.81	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape.....	7.82	
33 05 97 23-0004		Detectable Utility Warning Tape (33 05 97 23)		
		Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	5.78	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	7.63	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	11.65	
33 10		Water Utilities (33)		
33 11		Groundwater Sources (33 10)		
33 11 13		Potable Water Supply Wells (33 11)		
33 11 13 00-0001		Submersible Well Pumps (33 11 13)		
		Note: Includes pump end, motor and control box.		
33 11 13 00-0002		4" Submersible Well Pumps (33 11 13 00-0001)		
33 11 13 00-0003		Powder Coated Case And Cast Iron Ends (33 11 13 00-0002)		
33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,248.38	408.80
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,424.84	453.12
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,581.21	503.45
33 11 13 00-0007		Stainless Steel Case And Ends (33 11 13 00-0002)		
33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,421.26	402.77
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,622.60	453.12
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,820.40	503.45
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,091.59	553.80
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,373.45	604.15
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,930.06	704.84
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,708.10	805.53
33 11 13 00-0015		6" Submersible Well Pumps (33 11 13 00-0001)		
33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,543.68	1,006.92
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,101.35	1,107.60
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,681.78	1,208.30
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,933.54	1,409.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 Water Utility Transmission and Distribution (33 10)

33 14 11 Water Utility Transmission Piping (33 14)

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping (33 14)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping (33 14 13)

33 14 13 13-0001 Ductile Iron Piping (33 14 13 13)

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping (33 14 13 13-0001)

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0355 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe (33 14 13 13-0002)

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF 3", Class 51, Mechanical Joint Ductile Iron Pipe.....	32.90	
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	11.64	
	For Cement Mortar Lining (CML), Add	1.66	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	8.98	
	For Fusion Bonded Epoxy Lining (206N), Add	2.99	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.25	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-1.65	
	For Class 52, Add	3.65	
	For Class 53, Add	9.52	
	For Class 54, Add	13.56	
	For Class 55, Add	15.63	
	For Class 56, Add	17.66	
33 14 13 13-0005	LF 4", Class 50, Mechanical Joint Ductile Iron Pipe.....	35.61	11.45
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	12.79	
	For Cement Mortar Lining (CML), Add	1.83	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	9.87	
	For Fusion Bonded Epoxy Lining (206N), Add	3.29	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.37	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-1.78	
	For Class 51, Add	1.79	
	For Class 52, Add	4.00	
	For Class 53, Add	10.44	
	For Class 54, Add	14.87	
	For Class 55, Add	17.13	
	For Class 56, Add	19.36	
33 14 13 13-0006	LF 6", Class 50, Mechanical Joint Ductile Iron Pipe.....	37.98	12.01
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	13.88	
	For Cement Mortar Lining (CML), Add	1.98	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	10.71	
	For Fusion Bonded Epoxy Lining (206N), Add	3.57	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.49	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-1.90	
	For Class 51, Add	1.94	
	For Class 52, Add	4.32	
	For Class 53, Add	11.31	
	For Class 54, Add	16.11	
	For Class 55, Add	18.56	
	For Class 56, Add	20.96	
33 14 13 13-0007	LF 8", Class 50, Mechanical Joint Ductile Iron Pipe.....	44.29	12.48
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	17.76	
	For Cement Mortar Lining (CML), Add	2.54	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	13.70	
	For Fusion Bonded Epoxy Lining (206N), Add	4.57	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.90	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-2.21	
	For Class 51, Add	2.43	
	For Class 52, Add	5.42	
	For Class 53, Add	14.31	
	For Class 54, Add	20.39	
	For Class 55, Add	23.47	
	For Class 56, Add	26.50	

33 Utilities

33 10 Water Utilities

33 14 Water Utility Transmission and Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0008	LF 10", Class 50, Mechanical Joint Ductile Iron Pipe.....	60.04	17.85
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	19.80	
	For Cement Mortar Lining (CML), Add	3.30	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	16.50	
	For Fusion Bonded Epoxy Lining (206N), Add	5.94	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.48	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-3.00	
	For Class 51, Add	3.19	
	For Class 52, Add	7.11	
	For Class 53, Add	18.70	
	For Class 54, Add	26.64	
	For Class 55, Add	30.68	
	For Class 56, Add	34.65	
33 14 13 13-0009	LF 12", Class 50, Mechanical Joint Ductile Iron Pipe.....	72.19	19.82
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	21.08	
	For Cement Mortar Lining (CML), Add	4.22	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	16.86	
	For Fusion Bonded Epoxy Lining (206N), Add	7.59	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.16	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-3.61	
	For Class 51, Add	4.01	
	For Class 52, Add	8.97	
	For Class 53, Add	23.71	
	For Class 54, Add	33.81	
	For Class 55, Add	38.91	
	For Class 56, Add	43.92	
33 14 13 13-0010	LF 14", Class 50, Mechanical Joint Ductile Iron Pipe.....	86.07	22.26
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	23.00	
	For Cement Mortar Lining (CML), Add	5.23	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	17.78	
	For Fusion Bonded Epoxy Lining (206N), Add	9.41	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.92	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-4.30	
	For Class 51, Add	4.93	
	For Class 52, Add	11.04	
	For Class 53, Add	29.28	
	For Class 54, Add	41.76	
	For Class 55, Add	48.04	
	For Class 56, Add	54.21	
33 14 13 13-0011	LF 16", Class 50, Mechanical Joint Ductile Iron Pipe.....	97.23	25.51
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	24.03	
	For Cement Mortar Lining (CML), Add	5.86	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	18.17	
	For Fusion Bonded Epoxy Lining (206N), Add	10.55	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.40	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-4.86	
	For Class 51, Add	5.54	
	For Class 52, Add	12.40	
	For Class 53, Add	32.85	
	For Class 54, Add	46.84	
	For Class 55, Add	53.89	
	For Class 56, Add	60.82	
33 14 13 13-0012	LF 18", Class 50, Mechanical Joint Ductile Iron Pipe.....	120.22	29.74
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	30.82	
	For Cement Mortar Lining (CML), Add	7.52	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	23.30	
	For Fusion Bonded Epoxy Lining (206N), Add	13.53	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.64	
	Note: ANSI/AWWA C151/A21.51		
	For >1,000, Deduct	-6.01	
	For Class 51, Add	7.05	
	For Class 52, Add	15.79	
	For Class 53, Add	41.97	
	For Class 54, Add	59.86	
	For Class 55, Add	68.84	
	For Class 56, Add	77.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0013	LF	20"	Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	136.84 31.45 8.28 23.18 14.90 6.21 -6.84 7.82 17.50 46.38 66.14 76.09 85.87	35.68
33 14 13 13-0014	LF	24"	Class 50, Mechanical Joint Ductile Iron Pipe..... For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For 40 Mil Ceramic Epoxy Lining (P401), Add For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For >1,000, Deduct For Class 51, Add For Class 52, Add For Class 53, Add For Class 54, Add For Class 55, Add For Class 56, Add	178.67 34.43 11.11 23.33 19.99 8.33 -8.93 10.43 23.36 62.06 88.51 101.81 114.87	44.61
33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0002)					
33 14 13 13-0016	EA	3"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	124.28 7.28 13.11 5.46	33.95
33 14 13 13-0017	EA	4"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	140.72 7.93 14.27 5.94	40.57
33 14 13 13-0018	EA	6"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	220.39 12.96 23.33 9.72	59.96
33 14 13 13-0019	EA	8"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	296.30 18.85 33.93 14.14	71.11
33 14 13 13-0020	EA	10"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	419.75 29.99 53.98 22.49	79.12
33 14 13 13-0021	EA	12"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	544.35 40.38 72.68 30.28	92.82
33 14 13 13-0022	EA	14"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	833.52 67.58 121.65 50.69	104.09
33 14 13 13-0023	EA	16"	Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,098.11 91.79 165.22 68.84	118.96

33 Utilities

33 10 Water Utilities

33 14 Water Utility Transmission and Distribution

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 14 13 13-0024	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	1,357.61		166.54
		For Cement Mortar Lining (CML), Add	110.53		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	198.96		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	82.90		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0025	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	1,856.63		208.17
		For Cement Mortar Lining (CML), Add	154.12		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	277.42		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	115.59		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0026	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	2,720.66		277.20
		For Cement Mortar Lining (CML), Add	230.06		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	414.11		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	172.54		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0027		Mechanical Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0002)			
33 14 13 13-0028	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	116.78		33.95
		For Cement Mortar Lining (CML), Add	6.53		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	11.76		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.90		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0029	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	126.79		40.57
		For Cement Mortar Lining (CML), Add	6.53		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	11.76		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.90		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0030	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	195.75		59.96
		For Cement Mortar Lining (CML), Add	10.50		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	18.89		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.87		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0031	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	260.96		71.11
		For Cement Mortar Lining (CML), Add	15.32		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	27.57		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.49		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0032	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	343.71		79.12
		For Cement Mortar Lining (CML), Add	22.39		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	40.29		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.79		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0033	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	474.73		92.82
		For Cement Mortar Lining (CML), Add	33.42		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	60.15		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.06		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0034	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	683.57		104.09
		For Cement Mortar Lining (CML), Add	52.59		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	94.66		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.44		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0035	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	835.71		118.96
		For Cement Mortar Lining (CML), Add	65.55		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	117.99		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.16		
		Note: ANSI/AWWA C151/A21.51			
33 14 13 13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,192.67		166.54
		For Cement Mortar Lining (CML), Add	94.04		
		Note: ANSI/AWWA C104/A21.4			
		For Fusion Bonded Epoxy Lining (206N), Add	169.27		
		Note: ANSI/AWWA C104/A21.4			
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	70.53		
		Note: ANSI/AWWA C151/A21.51			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0037 EA 20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,320.04	208.17
For Cement Mortar Lining (CML), Add	100.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	180.84	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	75.35	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038 EA 24" Mechanical Joint Ductile Iron 45 Degree Elbow	1,946.30	277.20
For Cement Mortar Lining (CML), Add	152.62	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	274.72	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	114.47	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0040 EA 3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	102.86	33.95
For Cement Mortar Lining (CML), Add	5.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	9.25	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.86	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041 EA 4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	123.58	40.57
For Cement Mortar Lining (CML), Add	6.21	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	11.18	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.66	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042 EA 6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	187.18	59.96
For Cement Mortar Lining (CML), Add	9.64	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	17.35	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.23	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043 EA 8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	257.75	71.11
For Cement Mortar Lining (CML), Add	15.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	26.99	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.25	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044 EA 10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	342.64	79.12
For Cement Mortar Lining (CML), Add	22.28	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	40.10	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.71	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045 EA 12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	432.96	92.82
For Cement Mortar Lining (CML), Add	29.24	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	52.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.93	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046 EA 14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	690.00	104.09
For Cement Mortar Lining (CML), Add	53.23	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	95.82	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.92	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047 EA 16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	808.93	118.96
For Cement Mortar Lining (CML), Add	62.87	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	113.17	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	47.15	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048 EA 18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,024.52	166.54
For Cement Mortar Lining (CML), Add	77.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	139.00	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.92	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049 EA 20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,365.02	208.17
For Cement Mortar Lining (CML), Add	104.96	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	188.93	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	78.72	
Note: ANSI/AWWA C151/A21.51		

33 Utilities

33 10 Water Utilities

33 14 Water Utility Transmission and Distribution



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 14 13 13-0050	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	.....	1,828.49	277.20
		<i>For Cement Mortar Lining (CML), Add</i>		140.84	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		253.52	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		105.63	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0051		Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	<small>(33 14 13 13-0002)</small>		
33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	102.86	33.95
		<i>For Cement Mortar Lining (CML), Add</i>		5.14	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		9.25	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		3.86	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	120.37	40.57
		<i>For Cement Mortar Lining (CML), Add</i>		5.89	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		10.60	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		4.42	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	190.40	59.96
		<i>For Cement Mortar Lining (CML), Add</i>		9.96	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		17.93	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		7.47	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	243.82	71.11
		<i>For Cement Mortar Lining (CML), Add</i>		13.60	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		24.48	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		10.20	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	340.49	79.12
		<i>For Cement Mortar Lining (CML), Add</i>		22.06	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		39.71	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		16.55	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	414.76	92.82
		<i>For Cement Mortar Lining (CML), Add</i>		27.42	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		49.35	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		20.56	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	764.97	104.09
		<i>For Cement Mortar Lining (CML), Add</i>		60.73	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		109.31	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		45.55	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	845.35	118.96
		<i>For Cement Mortar Lining (CML), Add</i>		66.51	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		119.72	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		49.88	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	1,228.02	166.54
		<i>For Cement Mortar Lining (CML), Add</i>		97.57	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		175.63	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		73.18	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	1,303.97	208.17
		<i>For Cement Mortar Lining (CML), Add</i>		98.86	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		177.94	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		74.14	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	.....	1,738.52	277.20
		<i>For Cement Mortar Lining (CML), Add</i>		131.85	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>		237.32	
		<i>Note: ANSI/AWWA C104/A21.4</i>			
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>		98.88	
		<i>Note: ANSI/AWWA C151/A21.51</i>			
33 14 13 13-0063		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	<small>(33 14 13 13-0002)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0064	EA			3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	127.49 7.60 13.69 5.70	33.95
33 14 13 13-0065	EA			4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	155.71 9.43 16.97 7.07	40.57
33 14 13 13-0066	EA			6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	247.16 15.64 28.15 11.73	59.96
33 14 13 13-0067	EA			8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	331.65 22.39 40.29 16.79	71.11
33 14 13 13-0068	EA			10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	471.16 35.13 63.23 26.35	79.12
33 14 13 13-0069	EA			12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	600.05 45.95 82.71 34.46	92.82
33 14 13 13-0070	EA			14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,012.38 85.47 153.84 64.10	104.09
33 14 13 13-0071	EA			16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,534.02 135.38 243.68 101.53	118.96
33 14 13 13-0072	EA			18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,790.31 153.80 276.84 115.35	166.54
33 14 13 13-0073	EA			20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,426.42 211.10 379.98 158.33	208.17
33 14 13 13-0074	EA			24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,956.29 253.62 456.52 190.22	277.20
33 14 13 13-0075				Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0076	EA			3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	117.85 6.64 11.95 4.98	33.95

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0077	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	130.01	40.57
		For Cement Mortar Lining (CML), Add	6.86	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	12.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.14	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	207.53	59.96
		For Cement Mortar Lining (CML), Add	11.67	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	21.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.76	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	295.23	71.11
		For Cement Mortar Lining (CML), Add	18.74	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	33.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.06	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	398.33	79.12
		For Cement Mortar Lining (CML), Add	27.85	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	50.12	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.89	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	536.85	92.82
		For Cement Mortar Lining (CML), Add	39.63	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	71.33	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.72	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	899.92	104.09
		For Cement Mortar Lining (CML), Add	74.22	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	133.60	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	55.67	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,357.30	118.96
		For Cement Mortar Lining (CML), Add	117.71	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	211.87	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	88.28	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,611.45	166.54
		For Cement Mortar Lining (CML), Add	135.92	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	244.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	101.94	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,090.11	208.17
		For Cement Mortar Lining (CML), Add	177.47	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	319.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	133.10	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,631.77	277.20
		For Cement Mortar Lining (CML), Add	221.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	398.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	165.88	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087		Mechanical Joint Ductile Iron Tee (33 14 13 13-0002)		
33 14 13 13-0088	EA	3" x 3" Mechanical Joint Ductile Iron Tee.....	201.40	50.94
		For Cement Mortar Lining (CML), Add	12.42	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	22.36	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.32	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	4" x 3" Mechanical Joint Ductile Iron Tee.....	210.49	56.92
		For Cement Mortar Lining (CML), Add	12.42	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	22.36	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.32	
		Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0090 EA 4" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	194.68 10.39 18.70 7.79	59.96
33 14 13 13-0091 EA 6" x 3" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	257.95 14.35 25.83 10.76	75.52
33 14 13 13-0092 EA 6" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	293.72 17.46 31.42 13.09	78.64
33 14 13 13-0093 EA 6" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	320.76 18.74 33.74 14.06	88.04
33 14 13 13-0094 EA 8" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	340.51 20.24 36.44 15.18	91.13
33 14 13 13-0095 EA 8" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	385.75 23.35 42.03 17.51	100.50
33 14 13 13-0096 EA 8" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	443.41 28.17 50.70 21.13	106.76
33 14 13 13-0097 EA 10" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	459.59 31.06 55.91 23.30	98.34
33 14 13 13-0098 EA 10" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	463.48 30.10 54.17 22.57	107.26
33 14 13 13-0099 EA 10" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	523.90 35.24 63.43 26.43	113.21
33 14 13 13-0100 EA 10" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	582.94 40.27 72.49 30.20	118.96
33 14 13 13-0101 EA 12" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	547.23 38.02 68.44 28.52	110.23
33 14 13 13-0102 EA 12" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	619.66 43.91 79.04 32.93	119.14

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0103	EA	12" x 8" Mechanical Joint Ductile Iron Tee.....	753.98	125.11
		For Cement Mortar Lining (CML), Add	56.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	101.60	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	42.33	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	12" x 10" Mechanical Joint Ductile Iron Tee.....	806.60	130.85
		For Cement Mortar Lining (CML), Add	60.84	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	109.50	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.63	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee.....	769.56	136.80
		For Cement Mortar Lining (CML), Add	56.23	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	101.21	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	42.17	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee.....	818.71	138.84
		For Cement Mortar Lining (CML), Add	60.84	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	109.50	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.63	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee.....	908.05	144.79
		For Cement Mortar Lining (CML), Add	68.87	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	123.96	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	51.65	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee.....	1,148.10	150.53
		For Cement Mortar Lining (CML), Add	92.00	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	165.60	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	69.00	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee.....	1,225.66	156.48
		For Cement Mortar Lining (CML), Add	98.86	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	177.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.14	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee.....	1,188.10	166.36
		For Cement Mortar Lining (CML), Add	93.61	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	168.50	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	70.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee.....	1,037.31	166.54
		For Cement Mortar Lining (CML), Add	78.51	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	141.31	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	58.88	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee.....	1,113.90	172.49
		For Cement Mortar Lining (CML), Add	85.26	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	153.46	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	63.94	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee.....	1,289.68	178.22
		For Cement Mortar Lining (CML), Add	101.96	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	183.53	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	76.47	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee.....	1,407.94	184.18
		For Cement Mortar Lining (CML), Add	112.89	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	203.20	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	84.67	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee.....	1,685.26	194.03
		For Cement Mortar Lining (CML), Add	139.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	250.43	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	104.35	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0116	EA			16" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,601.27 128.63 231.54 96.47	207.90
33 14 13 13-0117	EA			18" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,434.67 111.17 200.11 83.38	213.13
33 14 13 13-0118	EA			18" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,535.79 120.39 216.69 90.29	219.08
33 14 13 13-0119	EA			18" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,658.03 131.74 237.13 98.80	224.83
33 14 13 13-0120	EA			18" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,779.50 142.98 257.37 107.24	230.78
33 14 13 13-0121	EA			18" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,831.89 146.73 264.12 110.05	240.62
33 14 13 13-0122	EA			18" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,954.63 156.91 282.43 117.68	254.47
33 14 13 13-0123	EA			18" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,282.32 186.15 335.06 139.61	277.75
33 14 13 13-0124	EA			20" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,714.05 125.10 225.17 93.82	305.63
33 14 13 13-0125	EA			20" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,750.91 127.88 230.19 95.91	311.59
33 14 13 13-0126	EA			20" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,899.93 141.91 255.44 106.43	317.33
33 14 13 13-0127	EA			20" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,048.17 155.84 280.50 116.88	323.27
33 14 13 13-0128	EA			20" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,074.86 157.01 282.63 117.76	333.11

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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 TOTAL DIRECT DEMOLITION
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33 14 13 13-0129	EA	20" x 16" Mechanical Joint Ductile Iron Tee.....	2,108.71	346.96
		For Cement Mortar Lining (CML), Add	158.30	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	284.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	118.73	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	20" x 18" Mechanical Joint Ductile Iron Tee.....	2,628.11	370.26
		For Cement Mortar Lining (CML), Add	206.71	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	372.08	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	155.03	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee.....	2,346.90	416.53
		For Cement Mortar Lining (CML), Add	171.58	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	308.85	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	128.69	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee.....	2,107.60	397.85
		For Cement Mortar Lining (CML), Add	150.48	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	270.87	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	112.86	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee.....	2,135.91	404.36
		For Cement Mortar Lining (CML), Add	152.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	274.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	114.31	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee.....	2,341.68	409.54
		For Cement Mortar Lining (CML), Add	172.12	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	309.81	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	129.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	24" x 12" Mechanical Joint Ductile Iron Tee.....	2,398.88	415.50
		For Cement Mortar Lining (CML), Add	176.94	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	318.48	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	132.70	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 14" Mechanical Joint Ductile Iron Tee.....	2,685.84	425.34
		For Cement Mortar Lining (CML), Add	204.14	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	367.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	153.11	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 16" Mechanical Joint Ductile Iron Tee.....	2,894.26	439.18
		For Cement Mortar Lining (CML), Add	222.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	401.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	167.16	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	24" x 18" Mechanical Joint Ductile Iron Tee.....	3,276.58	462.48
		For Cement Mortar Lining (CML), Add	257.59	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	463.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	193.19	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0139	EA	24" x 20" Mechanical Joint Ductile Iron Tee.....	3,630.48	508.73
		For Cement Mortar Lining (CML), Add	285.97	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	514.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	214.48	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	24" x 24" Mechanical Joint Ductile Iron Tee.....	3,387.59	554.87
		For Cement Mortar Lining (CML), Add	254.69	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	458.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	191.02	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0141 Mechanical Joint Ductile Iron Wye (Laterals) (33 14 13 13-0002)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0142	EA			4" x 3" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	177.29 9.10 16.39 6.83	56.92
33 14 13 13-0143	EA			4" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	261.09 17.03 30.65 12.77	59.92
33 14 13 13-0144	EA			6" x 3" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	257.95 14.35 25.83 10.76	75.52
33 14 13 13-0145	EA			6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	294.79 17.57 31.62 13.17	78.64
33 14 13 13-0146	EA			6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	390.38 25.71 46.27 19.28	88.00
33 14 13 13-0147	EA			8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	492.59 35.45 63.81 26.59	91.13
33 14 13 13-0148	EA			8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	448.94 29.67 53.40 22.25	100.50
33 14 13 13-0149	EA			8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	536.59 37.49 67.47 28.11	106.74
33 14 13 13-0150	EA			10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	745.56 59.66 107.38 44.74	98.34
33 14 13 13-0151	EA			10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	790.15 62.76 112.97 47.07	107.26
33 14 13 13-0152	EA			10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	904.12 73.26 131.87 54.94	113.21
33 14 13 13-0153	EA			10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,014.57 83.43 150.18 62.58	118.96
33 14 13 13-0154	EA			12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	945.66 77.87 140.16 58.40	110.23

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 13-0155	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,067.35	119.14
		For Cement Mortar Lining (CML), Add	88.68	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	159.63	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	66.51	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,278.79	125.11
		For Cement Mortar Lining (CML), Add	108.93	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	196.07	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.69	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,316.42	130.85
		For Cement Mortar Lining (CML), Add	111.82	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	201.27	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	83.86	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,200.11	136.79
		For Cement Mortar Lining (CML), Add	99.29	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	178.71	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.46	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,405.64	138.84
		For Cement Mortar Lining (CML), Add	119.53	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	215.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	89.65	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,603.15	144.79
		For Cement Mortar Lining (CML), Add	138.38	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	249.08	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	103.78	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,077.77	150.53
		For Cement Mortar Lining (CML), Add	184.97	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	332.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	138.73	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,223.87	156.48
		For Cement Mortar Lining (CML), Add	198.68	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	357.62	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	149.01	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,178.80	166.32
		For Cement Mortar Lining (CML), Add	192.68	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	346.82	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	144.51	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,454.03	166.54
		For Cement Mortar Lining (CML), Add	120.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	216.31	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	90.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,595.87	172.49
		For Cement Mortar Lining (CML), Add	133.45	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	240.21	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	100.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,871.25	178.22
		For Cement Mortar Lining (CML), Add	160.12	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	288.22	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,086.98	184.18
		For Cement Mortar Lining (CML), Add	180.79	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	325.43	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	135.59	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0168	EA		16" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,596.72 230.27 414.49 172.71	194.03
33 14 13 13-0169	EA		16" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,512.72 219.78 395.60 164.83	207.87
33 14 13 13-0170	EA		18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,269.01 194.61 350.29 145.96	213.13
33 14 13 13-0171	EA		18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,438.68 210.67 379.21 158.01	219.08
33 14 13 13-0172	EA		18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,602.69 226.20 407.17 169.65	224.83
33 14 13 13-0173	EA		18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,780.92 243.13 437.63 182.34	230.78
33 14 13 13-0174	EA		18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,815.11 245.05 441.10 183.79	240.62
33 14 13 13-0175	EA		18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,848.95 246.34 443.41 184.75	254.47
33 14 13 13-0176	EA		18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,625.05 220.42 396.76 165.32	277.76
33 14 13 13-0177	EA		20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,714.41 225.13 405.24 168.85	305.63
33 14 13 13-0178	EA		20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,773.75 230.17 414.30 172.62	311.59
33 14 13 13-0179	EA		20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,035.23 255.44 459.80 191.58	317.33
33 14 13 13-0180	EA		20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,294.86 280.51 504.91 210.38	323.27

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0181	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,331.19	333.11
		For Cement Mortar Lining (CML), Add	282.65	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	508.76	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	211.99	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,374.68	346.96
		For Cement Mortar Lining (CML), Add	284.90	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	512.81	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	213.67	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	3,896.22	370.26
		For Cement Mortar Lining (CML), Add	333.52	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	600.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	250.14	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	3,719.97	416.51
		For Cement Mortar Lining (CML), Add	308.89	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	556.00	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	231.67	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,311.45	397.85
		For Cement Mortar Lining (CML), Add	270.87	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	487.56	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	203.15	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,354.75	403.80
		For Cement Mortar Lining (CML), Add	274.29	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	493.73	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	205.72	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,717.97	409.54
		For Cement Mortar Lining (CML), Add	309.75	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	557.54	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	232.31	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,885.48	415.50
		For Cement Mortar Lining (CML), Add	325.60	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	586.07	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	244.20	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,461.63	425.34
		For Cement Mortar Lining (CML), Add	381.72	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	687.09	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	286.29	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,942.09	439.18
		For Cement Mortar Lining (CML), Add	427.67	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	769.80	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	320.75	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	5,517.20	462.48
		For Cement Mortar Lining (CML), Add	481.65	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	866.96	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	361.24	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	6,061.74	508.73
		For Cement Mortar Lining (CML), Add	529.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	952.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	396.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	5,424.71	554.83
		For Cement Mortar Lining (CML), Add	458.41	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	825.13	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	343.80	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0194			Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee <small>(33 14 13 13-0002)</small>		
33 14 13 13-0195	EA		6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	349.68	88.04
			For Cement Mortar Lining (CML), Add	21.64	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	38.94	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.23	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	16.23	
33 14 13 13-0196	EA		8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	413.59	100.50
			For Cement Mortar Lining (CML), Add	26.13	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	47.04	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.60	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	19.60	
33 14 13 13-0197	EA		10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	608.07	107.26
			For Cement Mortar Lining (CML), Add	44.56	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	80.20	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	33.42	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	33.42	
33 14 13 13-0198	EA		12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	682.85	119.14
			For Cement Mortar Lining (CML), Add	50.23	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	90.42	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.67	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	37.67	
33 14 13 13-0199	EA		14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	921.53	138.84
			For Cement Mortar Lining (CML), Add	71.12	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	128.01	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	53.34	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	53.34	
33 14 13 13-0200	EA		16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,172.34	166.54
			For Cement Mortar Lining (CML), Add	92.00	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	165.60	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	69.00	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	69.00	
33 14 13 13-0201	EA		18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,443.24	213.13
			For Cement Mortar Lining (CML), Add	112.03	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	201.66	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	84.02	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	84.02	
33 14 13 13-0202	EA		20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,025.73	305.63
			For Cement Mortar Lining (CML), Add	156.27	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	281.28	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	117.20	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	117.20	
33 14 13 13-0203	EA		24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,364.73	397.85
			For Cement Mortar Lining (CML), Add	179.08	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	322.34	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	134.31	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	134.31	
33 14 13 13-0204	EA		30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	4,505.34	463.37
			For Cement Mortar Lining (CML), Add	380.33	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	684.59	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	285.24	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	285.24	

33 14 13 13-0205 Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee (33 14 13 13-0002)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 14 13 13-0206	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	317.55		88.04
			18.42		
			33.16		
			13.82		
			13.82		
33 14 13 13-0207	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	370.75		100.50
			21.85		
			39.33		
			16.39		
			16.39		
33 14 13 13-0208	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	513.82		107.26
			35.13		
			63.23		
			26.35		
			26.35		
33 14 13 13-0209	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	630.37		119.14
			44.98		
			80.97		
			33.74		
			33.74		
33 14 13 13-0210	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	788.72		138.84
			57.84		
			104.10		
			43.38		
			43.38		
33 14 13 13-0211	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	992.41		166.54
			74.01		
			133.22		
			55.51		
			55.51		
33 14 13 13-0212	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,281.51		213.13
			95.86		
			172.54		
			71.89		
			71.89		
33 14 13 13-0213	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,429.16		305.63
			96.61		
			173.89		
			72.46		
			72.46		
33 14 13 13-0214	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,965.23		397.85
			139.13		
			250.43		
			104.35		
			104.35		
33 14 13 13-0215		Mechanical Joint Ductile Iron Cross (33 14 13 13-0002)			
33 14 13 13-0216	EA	3" x 3" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	241.05		67.91
			13.82		
			24.87		
			10.36		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0217	EA		4" x 3" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	288.69 17.67 31.81 13.25	73.90
33 14 13	13-0218	EA		4" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	337.34 22.39 40.29 16.79	74.90
33 14 13	13-0219	EA		6" x 3" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	403.82 26.35 47.43 19.76	92.59
33 14 13	13-0220	EA		6" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	395.51 24.42 43.96 18.32	99.87
33 14 13	13-0221	EA		6" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	463.33 27.42 49.35 20.56	124.83
33 14 13	13-0222	EA		8" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	408.65 24.31 43.76 18.23	109.24
33 14 13	13-0223	EA		8" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	487.17 28.38 51.09 21.29	134.20
33 14 13	13-0224	EA		8" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	516.36 29.88 53.79 22.41	143.56
33 14 13	13-0225	EA		10" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	491.29 31.70 57.07 23.78	115.01
33 14 13	13-0226	EA		10" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	565.89 35.56 64.01 26.67	138.80
33 14 13	13-0227	EA		10" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	665.10 44.13 79.43 33.10	147.73
33 14 13	13-0228	EA		10" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	719.11 47.88 86.18 35.91	158.61
33 14 13	13-0229	EA		12 x 4" Mechanical Joint Ductile Iron Cross..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	589.82 40.06 72.10 30.04	124.91

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 13-0230	EA	12" x 6" Mechanical Joint Ductile Iron Cross.....	686.91	148.70
		For Cement Mortar Lining (CML), Add	46.16	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	83.09	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.62	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	12" x 8" Mechanical Joint Ductile Iron Cross.....	967.14	157.63
		For Cement Mortar Lining (CML), Add	72.83	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	131.10	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	54.62	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	12" x 10" Mechanical Joint Ductile Iron Cross.....	983.67	168.54
		For Cement Mortar Lining (CML), Add	72.83	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	131.10	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	54.62	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	12" x 12" Mechanical Joint Ductile Iron Cross.....	1,111.13	178.43
		For Cement Mortar Lining (CML), Add	84.08	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	151.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	63.06	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	14" x 6" Mechanical Joint Ductile Iron Cross.....	1,130.36	163.56
		For Cement Mortar Lining (CML), Add	88.25	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	158.86	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	66.19	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	14" x 8" Mechanical Joint Ductile Iron Cross.....	1,321.68	172.49
		For Cement Mortar Lining (CML), Add	106.03	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	190.86	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	79.52	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	14" x 10" Mechanical Joint Ductile Iron Cross.....	1,359.63	183.40
		For Cement Mortar Lining (CML), Add	108.18	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	194.72	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	14" x 12" Mechanical Joint Ductile Iron Cross.....	1,434.61	193.29
		For Cement Mortar Lining (CML), Add	114.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	205.51	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	85.63	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	14" x 14" Mechanical Joint Ductile Iron Cross.....	1,584.58	208.17
		For Cement Mortar Lining (CML), Add	126.92	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	228.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	95.19	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	16" x 6" Mechanical Joint Ductile Iron Cross.....	1,291.47	184.36
		For Cement Mortar Lining (CML), Add	101.21	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	182.18	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	75.91	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	16" x 8" Mechanical Joint Ductile Iron Cross.....	1,462.45	193.29
		For Cement Mortar Lining (CML), Add	116.96	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	210.52	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	87.72	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	16" x 10" Mechanical Joint Ductile Iron Cross.....	1,738.79	204.20
		For Cement Mortar Lining (CML), Add	142.94	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	257.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	107.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	16" x 12" Mechanical Joint Ductile Iron Cross.....	1,932.03	214.10
		For Cement Mortar Lining (CML), Add	160.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	289.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.57	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0243	EA			16" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,320.85 197.39 355.31 148.04	228.96
33 14 13 13-0244	EA			16" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,709.01 233.06 419.50 174.79	249.81
33 14 13 13-0245	EA			18" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,098.59 176.83 318.29 132.62	218.00
33 14 13 13-0246	EA			18" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,217.09 187.33 337.19 140.49	226.93
33 14 13 13-0247	EA			18" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,321.44 196.11 352.99 147.08	237.84
33 14 13 13-0248	EA			18" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,512.08 213.67 384.61 160.25	247.75
33 14 13 13-0249	EA			18" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,919.11 252.12 453.82 189.09	262.61
33 14 13 13-0250	EA			18" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,109.14 267.97 482.35 200.98	283.41
33 14 13 13-0251	EA			18" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,265.08 278.47 501.25 208.85	317.04
33 14 13 13-0252	EA			20" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,637.92 222.35 400.23 166.76	273.53
33 14 13 13-0253	EA			20" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,757.49 232.95 419.31 174.71	282.46
33 14 13 13-0254	EA			20" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,843.63 239.91 431.84 179.93	293.37
33 14 13 13-0255	EA			20" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,033.21 257.37 463.27 193.03	303.26

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 13-0256	EA	20" x 14" Mechanical Joint Ductile Iron Cross.....	3,091.07	318.14
		For Cement Mortar Lining (CML), Add	260.91	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	469.63	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	195.68	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	20" x 16" Mechanical Joint Ductile Iron Cross.....	3,718.09	338.94
		For Cement Mortar Lining (CML), Add	320.46	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	576.82	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	240.34	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	20" x 18" Mechanical Joint Ductile Iron Cross.....	3,874.02	372.58
		For Cement Mortar Lining (CML), Add	330.95	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	595.71	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	248.21	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	20" x 20" Mechanical Joint Ductile Iron Cross.....	4,203.42	428.07
		For Cement Mortar Lining (CML), Add	355.48	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	639.86	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	266.61	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	24" x 6" Mechanical Joint Ductile Iron Cross.....	3,582.69	342.17
		For Cement Mortar Lining (CML), Add	306.43	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	551.57	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	229.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	24" x 8" Mechanical Joint Ductile Iron Cross.....	3,667.17	351.10
		For Cement Mortar Lining (CML), Add	313.49	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	564.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	235.12	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	24" x 10" Mechanical Joint Ductile Iron Cross.....	3,805.53	362.01
		For Cement Mortar Lining (CML), Add	325.70	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	586.27	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	244.28	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	24" x 12" Mechanical Joint Ductile Iron Cross.....	3,925.49	371.92
		For Cement Mortar Lining (CML), Add	336.20	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	605.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	252.15	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	24" x 14" Mechanical Joint Ductile Iron Cross.....	4,000.50	386.78
		For Cement Mortar Lining (CML), Add	341.45	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	614.61	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	256.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	24" x 16" Mechanical Joint Ductile Iron Cross.....	4,155.19	407.58
		For Cement Mortar Lining (CML), Add	353.77	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	636.78	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	265.32	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	24" x 18" Mechanical Joint Ductile Iron Cross.....	5,449.63	441.21
		For Cement Mortar Lining (CML), Add	478.11	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	860.60	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	358.58	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	24" x 20" Mechanical Joint Ductile Iron Cross.....	5,760.82	496.74
		For Cement Mortar Lining (CML), Add	500.82	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	901.47	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	375.61	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	24" x 24" Mechanical Joint Ductile Iron Cross.....	6,355.36	565.40
		For Cement Mortar Lining (CML), Add	549.87	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	989.77	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	412.40	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13	13-0269	Mechanical Joint x Mechanical Joint Ductile Iron Reducers <small>(33 14 13 13-0002)</small>			
33 14 13	13-0270	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	118.10	36.95
			For Cement Mortar Lining (CML), Add	6.21	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	11.18	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.66	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0271	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	138.72	46.31
			For Cement Mortar Lining (CML), Add	6.86	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	12.34	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.14	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0272	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	149.68	49.31
			For Cement Mortar Lining (CML), Add	7.50	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	13.49	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.62	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0273	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	187.08	55.56
			For Cement Mortar Lining (CML), Add	10.28	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	18.51	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.71	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0274	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	207.60	64.92
			For Cement Mortar Lining (CML), Add	10.93	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	19.67	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.19	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0275	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	222.80	58.68
			For Cement Mortar Lining (CML), Add	13.39	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	24.10	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.04	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0276	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	243.80	67.61
			For Cement Mortar Lining (CML), Add	14.14	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	25.45	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.60	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0277	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	266.75	73.55
			For Cement Mortar Lining (CML), Add	15.53	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	27.95	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.65	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0278	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	267.15	64.63
			For Cement Mortar Lining (CML), Add	16.92	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	30.46	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.69	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0279	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	297.80	73.55
			For Cement Mortar Lining (CML), Add	18.64	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	33.54	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.98	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0280	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	312.19	79.50
			For Cement Mortar Lining (CML), Add	19.17	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	34.51	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.38	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0281	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	341.24	85.25
			For Cement Mortar Lining (CML), Add	21.21	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	38.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.91	
			Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 13-0282	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	539.77	83.39
		For Cement Mortar Lining (CML), Add	41.34	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	74.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	31.01	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	527.38	89.36
		For Cement Mortar Lining (CML), Add	39.20	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	70.56	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.40	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	478.24	95.09
		For Cement Mortar Lining (CML), Add	33.42	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	60.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.06	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	503.33	101.04
		For Cement Mortar Lining (CML), Add	35.02	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	63.04	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.27	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	633.58	97.24
		For Cement Mortar Lining (CML), Add	48.63	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	87.53	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	36.47	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0287	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	624.40	103.20
		For Cement Mortar Lining (CML), Add	46.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	84.25	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.10	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	615.97	108.94
		For Cement Mortar Lining (CML), Add	45.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	81.16	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	33.82	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	666.75	114.89
		For Cement Mortar Lining (CML), Add	49.27	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	88.68	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	36.95	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	740.58	124.74
		For Cement Mortar Lining (CML), Add	55.16	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	99.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	41.37	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	792.50	126.50
		For Cement Mortar Lining (CML), Add	60.09	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	108.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.06	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	884.75	132.24
		For Cement Mortar Lining (CML), Add	68.44	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	123.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	51.33	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	857.36	138.18
		For Cement Mortar Lining (CML), Add	64.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	116.64	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	48.60	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	909.76	148.03
		For Cement Mortar Lining (CML), Add	68.55	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	123.38	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	51.41	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295	EA			18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	960.72 71.55 128.78 53.66	161.88
33 14 13 13-0296	EA			20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,116.43 85.47 153.84 64.10	172.75
33 14 13 13-0297	EA			20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,075.86 80.54 144.98 60.41	178.49
33 14 13 13-0298	EA			20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,000.26 72.08 129.75 54.06	184.44
33 14 13 13-0299	EA			20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,009.82 71.55 128.78 53.66	194.28
33 14 13 13-0300	EA			20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,045.79 73.05 131.48 54.78	208.13
33 14 13 13-0301	EA			20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,247.11 89.65 161.36 67.23	231.43
33 14 13 13-0302	EA			24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,453.55 110.42 198.76 82.82	230.54
33 14 13 13-0303	EA			24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,496.32 113.21 203.78 84.91	240.39
33 14 13 13-0304	EA			24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,532.28 114.71 206.47 86.03	254.23
33 14 13 13-0305	EA			24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,517.24 109.67 197.41 82.26	277.53
33 14 13 13-0306	EA			24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,848.66 135.81 244.45 101.86	323.78

33 14 13 13-0307 Mechanical Joint Ductile Iron Caps (33 14 13 13-0002)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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 TOTAL DIRECT DEMOLITION
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33 14 13 13-0308	EA	3" Mechanical Joint Ductile Iron Caps.....	146.06	78.02
		For Cement Mortar Lining (CML), Add	2.79	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	5.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.09	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309	EA	4" Mechanical Joint Ductile Iron Caps.....	167.63	91.54
		For Cement Mortar Lining (CML), Add	2.89	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	5.21	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.17	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310	EA	6" Mechanical Joint Ductile Iron Caps.....	224.79	114.43
		For Cement Mortar Lining (CML), Add	5.14	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	9.25	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.86	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311	EA	8" Mechanical Joint Ductile Iron Caps.....	283.83	130.79
		For Cement Mortar Lining (CML), Add	8.57	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	15.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.43	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	10" Mechanical Joint Ductile Iron Caps.....	408.58	198.27
		For Cement Mortar Lining (CML), Add	10.82	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	19.47	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.11	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	12" Mechanical Joint Ductile Iron Caps.....	489.44	216.29
		For Cement Mortar Lining (CML), Add	16.17	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	29.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.13	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	14" Mechanical Joint Ductile Iron Caps.....	605.75	237.91
		For Cement Mortar Lining (CML), Add	24.53	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	44.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.40	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	16" Mechanical Joint Ductile Iron Caps.....	729.34	264.32
		For Cement Mortar Lining (CML), Add	32.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	59.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.66	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	18" Mechanical Joint Ductile Iron Caps.....	852.23	297.39
		For Cement Mortar Lining (CML), Add	40.16	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	72.30	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.12	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317	EA	20" Mechanical Joint Ductile Iron Caps.....	1,034.42	339.84
		For Cement Mortar Lining (CML), Add	51.95	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	93.50	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.96	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	24" Mechanical Joint Ductile Iron Caps.....	1,314.10	396.52
		For Cement Mortar Lining (CML), Add	71.33	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	128.40	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	53.50	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0319		Mechanical Joint Ductile Iron Plug (33 14 13 13-0002)		
33 14 13 13-0320	EA	3" Mechanical Joint Ductile Iron Plug.....	150.34	78.02
		For Cement Mortar Lining (CML), Add	3.21	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	5.78	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.41	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0321	EA			4" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	174.05 3.53 6.36 2.65	91.54
33 14 13 13-0322	EA			6" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	241.93 6.86 12.34 5.14	114.43
33 14 13 13-0323	EA			8" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	300.97 10.28 18.51 7.71	130.79
33 14 13 13-0324	EA			10" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	478.19 17.78 32.00 13.33	198.27
33 14 13 13-0325	EA			12" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	508.72 18.10 32.58 13.58	216.29
33 14 13 13-0326	EA			14" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	728.92 36.84 66.32 27.63	237.91
33 14 13 13-0327	EA			16" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	447.66 4.71 8.48 3.53	264.32
33 14 13 13-0328	EA			18" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,035.38 58.48 105.26 43.86	297.39
33 14 13 13-0329	EA			20" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,283.98 76.90 138.42 57.68	339.84
33 14 13 13-0330	EA			24" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,667.55 106.68 192.02 80.01	396.52
33 14 13 13-0331				Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 14 13 13-0002)		
33 14 13 13-0332	EA			3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	249.31 6.96 12.53 5.22	118.59
33 14 13 13-0333	EA			4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	283.02 7.50 13.49 5.62	137.32

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
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33 14 13 13-0334	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	363.96	171.65
		For Cement Mortar Lining (CML), Add	10.39	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	18.70	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.79	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0335	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	454.66	196.14
		For Cement Mortar Lining (CML), Add	15.74	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	28.34	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.81	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	724.78	297.39
		For Cement Mortar Lining (CML), Add	27.42	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	49.35	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.56	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	842.86	324.42
		For Cement Mortar Lining (CML), Add	35.13	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	63.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.35	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,098.72	356.87
		For Cement Mortar Lining (CML), Add	55.80	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	100.44	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	41.85	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,238.06	396.52
		For Cement Mortar Lining (CML), Add	63.73	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	114.71	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	47.80	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,650.54	446.09
		For Cement Mortar Lining (CML), Add	97.47	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	175.44	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	73.10	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,933.45	509.81
		For Cement Mortar Lining (CML), Add	116.10	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	208.98	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	87.08	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,331.03	594.79
		For Cement Mortar Lining (CML), Add	142.98	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	257.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	107.24	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0343 Mechanical Joint Ductile Iron Long Sleeves (33 14 13 13-0002)

33 14 13 13-0344	EA	3" Mechanical Joint Ductile Iron Long Sleeves	238.60	118.59
		For Cement Mortar Lining (CML), Add	5.89	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	10.60	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.42	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	4" Mechanical Joint Ductile Iron Long Sleeves	277.67	137.32
		For Cement Mortar Lining (CML), Add	6.96	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	12.53	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.22	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	6" Mechanical Joint Ductile Iron Long Sleeves	376.81	171.65
		For Cement Mortar Lining (CML), Add	11.67	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	21.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.76	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0347	EA			8" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	488.94 19.17 34.51 14.38	196.14
33 14 13 13-0348	EA			10" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	678.72 22.81 41.06 17.11	297.39
33 14 13 13-0349	EA			12" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	800.02 30.85 55.52 23.13	324.42
33 14 13 13-0350	EA			14" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,006.61 46.59 83.86 34.94	356.87
33 14 13 13-0351	EA			16" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,190.93 59.01 106.23 44.26	396.52
33 14 13 13-0352	EA			18" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,430.97 75.51 135.91 56.63	446.09
33 14 13 13-0353	EA			20" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,683.90 91.15 164.06 68.36	509.81
33 14 13 13-0354	EA			24" Mechanical Joint Ductile Iron Long Sleeves For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,101.83 120.06 216.12 90.05	594.79
33 14 13 13-0355				Mechanical Joint Ductile Iron Gland Packs (33 14 13 13-0002) Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 14 13 13-0356				Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts (33 14 13 13-0355) Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0357	EA			3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	21.42	
33 14 13 13-0358	EA			4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	32.96	
33 14 13 13-0359	EA			6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	39.82	
33 14 13 13-0360	EA			8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	46.69	
33 14 13 13-0361	EA			10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	64.54	
33 14 13 13-0362	EA			12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	68.66	
33 14 13 13-0363	EA			14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	112.60	
33 14 13 13-0364	EA			16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	119.47	
33 14 13 13-0365	EA			18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	159.29	
33 14 13 13-0366	EA			20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	205.98	
33 14 13 13-0367	EA			24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	287.00	
33 14 13 13-0368				Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts (33 14 13 13-0355) Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0369	EA			3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	36.42	

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33 14 13 13-0370	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	46.69	
		Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0371	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	59.05	
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0372	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	64.54	
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0373	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	89.26	
		Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0374	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	93.38	
		Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0375	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	141.44	
		Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0376	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	155.17	
		Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0377	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	205.98	
		Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0378	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	266.40	
		Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0379	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	372.14	
		Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0380		Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts <small>(33 14 13-0385)</small>		
		Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0381	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	23.56	
33 14 13 13-0382	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	35.70	
		Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0383	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	42.57	
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0384	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	50.81	
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0385	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	70.03	
		Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0386	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	74.15	
		Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0387	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	122.21	
		Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0388	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	129.08	
		Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0389	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	174.40	
		Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0390	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	223.83	
		Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0391	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	313.09	
		Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0392		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) <small>(33 14 13 13-0002)</small>		
		Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0393	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC).....	152.71	59.49
33 14 13 13-0394	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC).....	174.74	70.46
33 14 13 13-0395	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC).....	216.73	87.19
33 14 13 13-0396	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC).....	269.00	101.76
33 14 13 13-0397	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC).....	389.42	148.70
33 14 13 13-0398	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC).....	477.51	169.97
33 14 13 13-0399	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC).....	553.14	182.94
33 14 13 13-0400	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC).....	676.37	198.27
33 14 13 13-0401	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC).....	864.69	237.91
33 14 13 13-0402	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC).....	1,017.37	264.22
33 14 13 13-0403	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC).....	1,313.75	304.87
33 14 13 13-0404		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) <small>(33 14 13 13-0002)</small>		
33 14 13 13-0405	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	3,023.18	48.69
33 14 13 13-0406	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	3,149.77	60.85
33 14 13 13-0407	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,570.64	89.93
33 14 13 13-0408	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	6,208.82	106.68
33 14 13 13-0409	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	7,823.94	118.69
33 14 13 13-0410	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	10,431.90	139.24
33 14 13 13-0411	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	12,847.99	156.13
33 14 13 13-0412	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	15,198.62	178.43
33 14 13 13-0413	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	17,144.15	249.81
33 14 13 13-0414	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	23,059.81	312.26
33 14 13 13-0415	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	31,949.04	416.34
33 14 13 13-0416		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) <small>(33 14 13 13-0002)</small>		
		Note: Includes machined bolts and gasket.		
33 14 13 13-0417	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBA Iron 1003DSM).....	151.70	59.49
33 14 13 13-0418	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBA Iron 1004DSM).....	193.48	70.46
33 14 13 13-0419	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBA Iron 1006DSM).....	249.23	87.19

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33 14 13 13-0420 EA 8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM).....	284.93	101.76
33 14 13 13-0421 EA 10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM).....	495.60	156.04
33 14 13 13-0422 EA 12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM).....	561.28	178.35
33 14 13 13-0423 Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) (33 14 13 13-0002)		
Note: Includes nuts, bolts and gasket.		
33 14 13 13-0424 EA 3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2103000).....	215.37	59.49
33 14 13 13-0425 EA 4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400).....	267.15	70.46
33 14 13 13-0426 EA 6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600).....	367.67	87.19
33 14 13 13-0427 EA 8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800).....	526.43	101.76
33 14 13 13-0428 EA 10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000).....	764.49	156.04
33 14 13 13-0429 EA 12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200).....	947.21	178.35
33 14 13 13-0430 EA 14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400).....	1,441.94	191.98
33 14 13 13-0431 EA 16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600).....	2,007.88	208.05
33 14 13 13-0432 EA 18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800).....	2,274.09	249.67
33 14 13 13-0433 EA 20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000).....	2,512.36	277.28
33 14 13 13-0434 EA 24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400).....	3,036.06	319.93
33 14 13 13-0435 EA 30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000).....	3,900.14	383.67
33 14 13 13-0436 EA 36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600).....	5,805.65	480.13
33 14 13 13-0437 EA 42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200).....	14,995.53	553.98
33 14 13 13-0438 EA 48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800).....	19,207.74	712.49
33 14 13 13-0439 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping (33 14 13 13-0001)		
Note: See CSI section 33 14 13 13-0355 for bolts and gaskets.		
33 14 13 13-0440 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0439)		
33 14 13 13-0441 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	279.58	33.95
33 14 13 13-0442 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	334.59	40.67
33 14 13 13-0443 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	518.13	59.58
33 14 13 13-0444 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	704.37	70.92
33 14 13 13-0445 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	959.56	79.31
33 14 13 13-0446 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	1,213.75	92.82
33 14 13 13-0447 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	1,714.98	104.54
33 14 13 13-0448 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	2,078.11	118.96
33 14 13 13-0449 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	2,519.69	166.72
33 14 13 13-0450 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	3,140.80	208.17
33 14 13 13-0451 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow.....	4,434.33	277.56
33 14 13 13-0452 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0439)		
33 14 13 13-0453 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	267.80	33.95
33 14 13 13-0454 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	314.24	40.67
33 14 13 13-0455 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	482.79	59.58
33 14 13 13-0456 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	649.75	70.92
33 14 13 13-0457 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	843.88	79.31
33 14 13 13-0458 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	1,109.86	92.82
33 14 13 13-0459 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	1,492.21	104.54
33 14 13 13-0460 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	1,784.65	118.96
33 14 13 13-0461 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	2,120.19	166.72
33 14 13 13-0462 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	2,576.37	208.17
33 14 13 13-0463 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow.....	3,396.49	277.56
33 14 13 13-0464 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow (33 14 13 13-0439)		
33 14 13 13-0465 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	211.03	33.95
33 14 13 13-0466 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	311.02	40.67
33 14 13 13-0467 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	469.94	59.58
33 14 13 13-0468 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	645.46	70.92
33 14 13 13-0469 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	842.81	79.31
33 14 13 13-0470 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	1,047.74	92.82
33 14 13 13-0471 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	1,500.77	104.54
33 14 13 13-0472 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	1,746.09	118.96
33 14 13 13-0473 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	2,110.55	166.72
33 14 13 13-0474 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	2,665.26	208.17
33 14 13 13-0475 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	3,325.80	277.56
33 14 13 13-0476 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	5,502.69	297.39
33 14 13 13-0477 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	7,475.56	309.11
33 14 13 13-0478 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	10,666.32	356.87
33 14 13 13-0479 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow.....	13,629.07	379.40
33 14 13 13-0480 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow (33 14 13 13-0439)		
33 14 13 13-0481 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow.....	211.03	33.95
33 14 13 13-0482 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow.....	369.93	40.67
33 14 13 13-0483 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow.....	474.22	59.58

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33 14 13 13-0484	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	626.18	70.92
33 14 13 13-0485	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	840.67	79.31
33 14 13 13-0486	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,018.82	92.82
33 14 13 13-0487	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,613.23	104.54
33 14 13 13-0488	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,798.57	118.96
33 14 13 13-0489	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,414.73	166.72
33 14 13 13-0490	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,573.15	208.17
33 14 13 13-0491	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,326.87	277.56

33 14 13 13-0492 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow
(33 14 13 13-0439)

33 14 13 13-0493	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	246.38	33.95
33 14 13 13-0494	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	359.22	40.67
33 14 13 13-0495	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	558.83	59.58
33 14 13 13-0496	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	755.78	70.92
33 14 13 13-0497	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,034.53	79.31
33 14 13 13-0498	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,296.22	92.82
33 14 13 13-0499	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,307.27	104.54
33 14 13 13-0500	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,585.07	118.96
33 14 13 13-0501	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,108.04	166.72
33 14 13 13-0502	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,740.94	208.17
33 14 13 13-0503	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,145.50	277.56

33 14 13 13-0504 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow
(33 14 13 13-0439)

33 14 13 13-0505	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	246.38	33.95
33 14 13 13-0506	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	318.51	40.67
33 14 13 13-0507	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	499.93	59.58
33 14 13 13-0508	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	702.23	70.92
33 14 13 13-0509	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	926.35	79.31
33 14 13 13-0510	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,201.97	92.82
33 14 13 13-0511	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,595.03	104.54
33 14 13 13-0512	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,914.24	118.96
33 14 13 13-0513	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,561.81	166.72
33 14 13 13-0514	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,749.15	208.17
33 14 13 13-0515	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,926.65	277.56

33 14 13 13-0516 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee
(33 14 13 13-0439)

33 14 13 13-0517	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	348.13	50.94
33 14 13 13-0518	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	380.46	57.42
33 14 13 13-0519	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	401.39	59.58
33 14 13 13-0520	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	568.55	75.52
33 14 13 13-0521	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	615.03	78.50
33 14 13 13-0522	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	650.64	87.95
33 14 13 13-0523	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	752.86	90.79
33 14 13 13-0524	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	815.23	100.25
33 14 13 13-0525	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	895.39	106.86
33 14 13 13-0526	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,002.61	98.23
33 14 13 13-0527	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,004.36	107.24
33 14 13 13-0528	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,087.27	113.55
33 14 13 13-0529	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,172.01	118.96
33 14 13 13-0530	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,203.78	109.94
33 14 13 13-0531	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,217.30	118.96
33 14 13 13-0532	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,315.20	125.27
33 14 13 13-0533	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,511.35	130.67
33 14 13 13-0534	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,517.14	136.98
33 14 13 13-0535	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,713.03	138.78
33 14 13 13-0536	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,851.63	145.09
33 14 13 13-0537	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,238.42	150.50
33 14 13 13-0538	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,362.03	156.80

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0539	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,195.95	166.72
33 14 13 13-0540	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,049.45	166.72
33 14 13 13-0541	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,159.23	172.13
33 14 13 13-0542	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,580.28	178.43
33 14 13 13-0543	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,426.50	183.84
33 14 13 13-0544	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,149.37	193.76
33 14 13 13-0545	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,860.81	208.17
33 14 13 13-0546	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,688.86	213.58
33 14 13 13-0547	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,833.89	218.99
33 14 13 13-0548	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,017.18	224.40
33 14 13 13-0549	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,186.84	230.70
33 14 13 13-0550	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,275.66	240.62
33 14 13 13-0551	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,499.07	254.13
33 14 13 13-0552	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,903.87	277.56
33 14 13 13-0553	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,112.83	305.50
33 14 13 13-0554	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,165.76	311.81
33 14 13 13-0555	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,470.07	317.22
33 14 13 13-0556	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,637.60	323.52
33 14 13 13-0557	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,676.07	333.44
33 14 13 13-0558	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,636.01	346.95
33 14 13 13-0559	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,622.38	370.38
33 14 13 13-0560	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,977.02	416.34
33 14 13 13-0561	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,788.06	397.42
33 14 13 13-0562	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,824.94	404.63
33 14 13 13-0563	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,893.62	409.14
33 14 13 13-0564	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,994.73	415.44
33 14 13 13-0565	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,526.96	425.36
33 14 13 13-0566	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,720.39	438.87
33 14 13 13-0567	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,781.74	462.31
33 14 13 13-0568	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,980.34	509.17
33 14 13 13-0569	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,637.85	555.13

33 14 13 13-0570

**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint
Ductile Iron Wye (Laterals) (33 14 13 13-0439)**

33 14 13 13-0571	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	390.43	56.92
33 14 13 13-0572	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	427.91	56.92
33 14 13 13-0573	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	499.93	59.58
33 14 13 13-0574	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	554.63	75.52
33 14 13 13-0575	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	617.17	78.50
33 14 13 13-0576	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	752.39	87.95
33 14 13 13-0577	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	980.99	90.79
33 14 13 13-0578	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	909.49	100.25
33 14 13 13-0579	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,020.70	106.86
33 14 13 13-0580	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,429.95	98.23
33 14 13 13-0581	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,490.61	107.24
33 14 13 13-0582	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,665.63	113.55
33 14 13 13-0583	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,816.78	118.96
33 14 13 13-0584	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,742.51	109.94
33 14 13 13-0585	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,974.52	118.96
33 14 13 13-0586	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,332.69	125.27
33 14 13 13-0587	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,336.05	130.67
33 14 13 13-0588	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,159.77	136.98
33 14 13 13-0589	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,561.29	138.78
33 14 13 13-0590	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,940.88	145.09
33 14 13 13-0591	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,865.33	150.50
33 14 13 13-0592	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,144.24	156.80
33 14 13 13-0593	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,041.34	166.72
33 14 13 13-0594	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,671.80	166.72
33 14 13 13-0595	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,948.59	172.13
33 14 13 13-0596	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,493.88	178.43
33 14 13 13-0597	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,604.64	183.84
33 14 13 13-0598	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,457.11	193.76
33 14 13 13-0599	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,221.03	208.17
33 14 13 13-0600	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,781.32	213.58
33 14 13 13-0601	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,076.30	218.99
33 14 13 13-0602	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,361.33	224.40
33 14 13 13-0603	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,670.24	230.70
33 14 13 13-0604	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,719.42	240.62
33 14 13 13-0605	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,775.75	254.13
33 14 13 13-0606	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,338.71	277.56
33 14 13 13-0607	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,464.49	305.50
33 14 13 13-0608	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,562.39	311.81
33 14 13 13-0609	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,020.94	317.22
33 14 13 13-0610	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,475.50	323.52
33 14 13 13-0611	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,527.90	333.44
33 14 13 13-0612	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,589.59	346.95
33 14 13 13-0613	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,488.14	370.38
33 14 13 13-0614	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,121.24	416.34
33 14 13 13-0615	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,417.11	397.42
33 14 13 13-0616	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,487.19	403.73
33 14 13 13-0617	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,125.67	409.14
33 14 13 13-0618	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,416.35	415.44
33 14 13 13-0619	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,428.41	425.36
33 14 13 13-0620	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,266.60	438.87

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0621	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,260.48	462.31
33 14 13 13-0622	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,174.53	509.17
33 14 13 13-0623	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,988.06	555.13

33 14 13 13-0624 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee

(33 14 13 13-0439)

33 14 13 13-0625	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	690.27	87.95
33 14 13 13-0626	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	855.93	100.25
33 14 13 13-0627	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,218.57	107.24
33 14 13 13-0628	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,401.52	118.96
33 14 13 13-0629	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,849.05	138.78
33 14 13 13-0630	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,251.95	166.72
33 14 13 13-0631	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,662.08	213.58
33 14 13 13-0632	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,583.02	305.50
33 14 13 13-0633	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,186.57	397.42

33 14 13 13-0634 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross

(33 14 13 13-0439)

33 14 13 13-0635	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	391.00	67.91
33 14 13 13-0636	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	485.76	73.90
33 14 13 13-0637	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	602.96	74.71
33 14 13 13-0638	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	642.66	92.62
33 14 13 13-0639	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	750.02	100.25
33 14 13 13-0640	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	831.76	124.83
33 14 13 13-0641	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	797.43	109.70
33 14 13 13-0642	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	941.29	134.29
33 14 13 13-0643	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	934.07	143.75
33 14 13 13-0644	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	934.70	115.35
33 14 13 13-0645	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,050.00	138.78
33 14 13 13-0646	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,243.46	147.80
33 14 13 13-0647	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,346.74	158.61
33 14 13 13-0648	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,196.03	125.27
33 14 13 13-0649	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,385.23	148.70
33 14 13 13-0650	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,502.66	157.70
33 14 13 13-0651	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,749.46	168.52
33 14 13 13-0652	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,994.73	178.43
33 14 13 13-0653	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,057.88	163.11
33 14 13 13-0654	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,435.56	172.13
33 14 13 13-0655	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,496.00	183.84
33 14 13 13-0656	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,634.17	192.86
33 14 13 13-0657	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,918.03	208.17
33 14 13 13-0658	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,303.61	184.74
33 14 13 13-0659	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,632.02	192.86
33 14 13 13-0660	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,168.00	204.57
33 14 13 13-0661	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,539.66	214.48
33 14 13 13-0662	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,293.70	228.90
33 14 13 13-0663	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,483.73	249.62
33 14 13 13-0664	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,956.84	218.09
33 14 13 13-0665	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,185.66	227.10
33 14 13 13-0666	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,382.13	237.91
33 14 13 13-0667	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,758.06	247.83
33 14 13 13-0668	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,568.86	262.25
33 14 13 13-0669	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,924.91	282.97
33 14 13 13-0670	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,191.17	317.22
33 14 13 13-0671	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,974.93	273.96
33 14 13 13-0672	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,205.89	282.07
33 14 13 13-0673	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,364.86	293.79
33 14 13 13-0674	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,737.59	303.70
33 14 13 13-0675	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,832.94	318.12
33 14 13 13-0676	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,085.44	338.85
33 14 13 13-0677	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,351.69	372.19
33 14 13 13-0678	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,939.21	428.07
33 14 13 13-0679	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,803.30	342.46
33 14 13 13-0680	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,961.69	351.46
33 14 13 13-0681	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,228.58	362.28
33 14 13 13-0682	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,458.86	372.19
33 14 13 13-0683	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,588.48	386.61
33 14 13 13-0684	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,872.76	407.34
33 14 13 13-0685	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,473.88	441.58
33 14 13 13-0686	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,023.91	496.55
33 14 13 13-0687	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,134.69	565.04

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0688		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers <small>(33 14 13 13-0439)</small>	
33 14 13 13-0689	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	275.54 36.95
33 14 13 13-0690	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	383.98 46.31
33 14 13 13-0691	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	421.73 49.17
33 14 13 13-0692	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	551.23 55.79
33 14 13 13-0693	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	574.96 65.25
33 14 13 13-0694	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	672.64 58.58
33 14 13 13-0695	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	705.42 67.59
33 14 13 13-0696	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	734.80 73.90
33 14 13 13-0697	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	776.97 64.88
33 14 13 13-0698	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	860.10 73.90
33 14 13 13-0699	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	875.55 79.31
33 14 13 13-0700	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	915.31 85.61
33 14 13 13-0701	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,337.70 83.81
33 14 13 13-0702	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,346.73 89.22
33 14 13 13-0703	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,176.56 95.53
33 14 13 13-0704	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,201.65 100.94
33 14 13 13-0705	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,602.87 97.33
33 14 13 13-0706	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,557.28 103.64
33 14 13 13-0707	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,465.30 109.04
33 14 13 13-0708	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,449.68 114.45
33 14 13 13-0709	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,638.11 124.37
33 14 13 13-0710	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,747.87 126.17
33 14 13 13-0711	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,968.65 132.47
33 14 13 13-0712	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,883.42 137.88
33 14 13 13-0713	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,247.48 147.80
33 14 13 13-0714	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,976.07 162.21
33 14 13 13-0715	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,328.85 173.03
33 14 13 13-0716	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,348.26 178.43
33 14 13 13-0717	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,138.78 184.74
33 14 13 13-0718	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,139.77 194.66
33 14 13 13-0719	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,092.20 208.17
33 14 13 13-0720	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,471.31 231.60
33 14 13 13-0721	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,936.94 230.70
33 14 13 13-0722	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,981.85 240.62
33 14 13 13-0723	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,037.10 254.13
33 14 13 13-0724	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,997.42 277.56
33 14 13 13-0725	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,458.43 323.52
33 14 13 13-0726		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps <small>(33 14 13 13-0439)</small>	
33 14 13 13-0727	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	264.94 78.02
33 14 13 13-0728	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	318.64 91.73
33 14 13 13-0729	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	460.42 114.43
33 14 13 13-0730	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	610.50 130.50
33 14 13 13-0731	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	819.85 198.27
33 14 13 13-0732	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,023.89 216.29
33 14 13 13-0733	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,161.62 237.91

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0734	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,406.24	264.05
33 14 13 13-0735	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,643.73	297.39
33 14 13 13-0736	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,976.94	339.75
33 14 13 13-0737	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,523.31	396.52

33 14 13 13-0738 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug (33 14 13 13-0439)

33 14 13 13-0739	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	266.01	78.02
33 14 13 13-0740	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	329.36	91.73
33 14 13 13-0741	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	488.27	114.43
33 14 13 13-0742	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	638.35	130.50
33 14 13 13-0743	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	979.44	198.27
33 14 13 13-0744	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,060.30	216.29
33 14 13 13-0745	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,394.03	237.91
33 14 13 13-0746	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,675.07	264.05
33 14 13 13-0747	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,987.53	297.39
33 14 13 13-0748	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,441.77	339.75
33 14 13 13-0749	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,185.21	396.52

33 14 13 13-0750 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 14 13 13-0439)

33 14 13 13-0751	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	364.98	118.59
33 14 13 13-0752	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	476.88	137.13
33 14 13 13-0753	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	651.00	172.12
33 14 13 13-0754	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	846.66	195.76
33 14 13 13-0755	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,251.73	297.39
33 14 13 13-0756	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,485.49	324.42
33 14 13 13-0757	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,922.35	356.87
33 14 13 13-0758	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,179.50	396.52
33 14 13 13-0759	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,837.25	446.09
33 14 13 13-0760	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,288.31	510.07
33 14 13 13-0761	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,974.00	594.79

33 14 13 13-0762 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves (33 14 13 13-0439)

33 14 13 13-0763	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	377.83	118.59
33 14 13 13-0764	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	460.82	137.13
33 14 13 13-0765	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	669.21	172.12
33 14 13 13-0766	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	895.93	195.76
33 14 13 13-0767	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,183.18	297.39
33 14 13 13-0768	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,421.22	324.42
33 14 13 13-0769	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,785.26	356.87
33 14 13 13-0770	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,106.67	396.52
33 14 13 13-0771	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,507.37	446.09
33 14 13 13-0772	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,916.66	510.07
33 14 13 13-0773	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	3,633.41	594.79

33 14 13 13-0774 Push-On Joint Ductile Iron Piping (33 14 13 13-0001)
33 14 13 13-0775 Push-On Joint Ductile Iron Pipe (33 14 13 13-0774)

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0776	LF	4", Class 50, Push-On Joint Ductile Iron Pipe.....	24.47	7.80
		<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	8.86	
		<i>For Cement Mortar Lining (CML), Add</i>	1.27	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	6.83	
		<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	2.28	
		<i>Note: ANSI/AWWA C104/A21.4</i>		
		<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	0.95	
		<i>Note: ANSI/AWWA C151/A21.51</i>		
		<i>For >1,000, Deduct</i>	-1.22	
		<i>For Class 51, Add</i>	1.24	
		<i>For Class 52, Add</i>	2.76	
		<i>For Class 53, Add</i>	7.22	
		<i>For Class 54, Add</i>	10.29	
		<i>For Class 55, Add</i>	11.85	
		<i>For Class 56, Add</i>	13.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0777	LF	6"	Class 50, Push-On Joint Ductile Iron Pipe.....	26.85	8.60
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	9.72	
			<i>For Cement Mortar Lining (CML), Add</i>	1.39	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	7.50	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	2.50	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	1.04	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-1.34	
			<i>For Class 51, Add</i>	1.36	
			<i>For Class 52, Add</i>	3.03	
			<i>For Class 53, Add</i>	7.93	
			<i>For Class 54, Add</i>	11.29	
			<i>For Class 55, Add</i>	13.01	
			<i>For Class 56, Add</i>	14.70	
33 14 13 13-0778	LF	8"	Class 50, Push-On Joint Ductile Iron Pipe.....	33.17	9.46
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	13.29	
			<i>For Cement Mortar Lining (CML), Add</i>	1.90	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	10.25	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	3.42	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	1.42	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-1.66	
			<i>For Class 51, Add</i>	1.82	
			<i>For Class 52, Add</i>	4.06	
			<i>For Class 53, Add</i>	10.70	
			<i>For Class 54, Add</i>	15.26	
			<i>For Class 55, Add</i>	17.56	
			<i>For Class 56, Add</i>	19.83	
33 14 13 13-0779	LF	10"	Class 50, Push-On Joint Ductile Iron Pipe.....	47.06	13.43
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	16.07	
			<i>For Cement Mortar Lining (CML), Add</i>	2.68	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	13.39	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	4.82	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	2.01	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-2.35	
			<i>For Class 51, Add</i>	2.56	
			<i>For Class 52, Add</i>	5.73	
			<i>For Class 53, Add</i>	15.11	
			<i>For Class 54, Add</i>	21.54	
			<i>For Class 55, Add</i>	24.79	
			<i>For Class 56, Add</i>	27.99	
33 14 13 13-0780	LF	12"	Class 50, Push-On Joint Ductile Iron Pipe.....	54.45	14.87
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	15.96	
			<i>For Cement Mortar Lining (CML), Add</i>	3.19	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	12.77	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	5.75	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	2.39	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-2.72	
			<i>For Class 51, Add</i>	3.04	
			<i>For Class 52, Add</i>	6.79	
			<i>For Class 53, Add</i>	17.95	
			<i>For Class 54, Add</i>	25.59	
			<i>For Class 55, Add</i>	29.45	
			<i>For Class 56, Add</i>	33.24	
33 14 13 13-0781	LF	14"	Class 50, Push-On Joint Ductile Iron Pipe.....	66.01	16.76
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	17.90	
			<i>For Cement Mortar Lining (CML), Add</i>	4.07	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	13.83	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	7.32	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.05	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-3.30	
			<i>For Class 51, Add</i>	3.83	
			<i>For Class 52, Add</i>	8.57	
			<i>For Class 53, Add</i>	22.76	
			<i>For Class 54, Add</i>	32.45	
			<i>For Class 55, Add</i>	37.33	
			<i>For Class 56, Add</i>	42.12	

33 Utilities

33 10 Water Utilities

33 14 Water Utility Transmission and Distribution

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0782	LF	16", Class 50, Push-On Joint Ductile Iron Pipe.....	78.06	19.11
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	20.14	
		For Cement Mortar Lining (CML), Add	4.91	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	15.23	
		For Fusion Bonded Epoxy Lining (206N), Add	8.84	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.68	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-3.90	
		For Class 51, Add	4.60	
		For Class 52, Add	10.31	
		For Class 53, Add	27.41	
		For Class 54, Add	39.10	
		For Class 55, Add	44.97	
		For Class 56, Add	50.73	
33 14 13 13-0783	LF	18", Class 50, Push-On Joint Ductile Iron Pipe.....	90.85	22.34
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	23.39	
		For Cement Mortar Lining (CML), Add	5.71	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	17.69	
		For Fusion Bonded Epoxy Lining (206N), Add	10.27	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.28	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-4.54	
		For Class 51, Add	5.35	
		For Class 52, Add	11.98	
		For Class 53, Add	31.85	
		For Class 54, Add	45.42	
		For Class 55, Add	52.24	
		For Class 56, Add	58.94	
33 14 13 13-0784	LF	20", Class 50, Push-On Joint Ductile Iron Pipe.....	105.09	26.77
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	24.53	
		For Cement Mortar Lining (CML), Add	6.45	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	18.07	
		For Fusion Bonded Epoxy Lining (206N), Add	11.62	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.84	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-5.25	
		For Class 51, Add	6.08	
		For Class 52, Add	13.61	
		For Class 53, Add	36.11	
		For Class 54, Add	51.49	
		For Class 55, Add	59.23	
		For Class 56, Add	66.84	
33 14 13 13-0785	LF	24", Class 50, Push-On Joint Ductile Iron Pipe.....	132.86	33.44
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	25.46	
		For Cement Mortar Lining (CML), Add	8.21	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	17.25	
		For Fusion Bonded Epoxy Lining (206N), Add	14.78	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.16	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-6.64	
		For Class 51, Add	7.72	
		For Class 52, Add	17.29	
		For Class 53, Add	45.91	
		For Class 54, Add	65.47	
		For Class 55, Add	75.31	
		For Class 56, Add	84.98	
33 14 13 13-0786		Push-On Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0774)		
33 14 13 13-0787	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	154.97	30.45
		For Cement Mortar Lining (CML), Add	10.88	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	19.59	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.16	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0788	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	224.95	44.92
		For Cement Mortar Lining (CML), Add	15.69	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	28.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.76	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0789	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	298.45	53.34
		For Cement Mortar Lining (CML), Add	21.76	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	39.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.32	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0790	EA			10" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	451.58 32.89 59.21 24.67	59.30
33 14 13 13-0791	EA			12" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	578.98 43.52 78.34 32.64	69.58
33 14 13 13-0792	EA			14" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,115.80 95.45 171.80 71.58	78.04
33 14 13 13-0793	EA			16" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,261.85 107.75 193.95 80.81	89.22
33 14 13 13-0794	EA			18" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,958.48 170.04 306.08 127.53	124.91
33 14 13 13-0795	EA			20" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,208.94 189.41 340.94 142.06	157.43
33 14 13 13-0796	EA			24" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,758.29 236.48 425.66 177.36	196.82

33 14 13 13-0797 Push-On Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0774)

33 14 13 13-0798	EA			4" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	130.22 8.41 15.13 6.31	30.45
33 14 13 13-0799	EA			6" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	191.68 12.36 22.25 9.27	44.92
33 14 13 13-0800	EA			8" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	262.65 18.18 32.72 13.63	53.34
33 14 13 13-0801	EA			10" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	402.16 27.95 50.31 20.96	59.30
33 14 13 13-0802	EA			12" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	516.01 37.22 67.00 27.92	69.58

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0803	EA 14" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	722.54 56.12 101.01 42.09	78.04
33 14 13 13-0804	EA 16" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,055.94 87.16 156.89 65.37	89.22
33 14 13 13-0805	EA 18" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,225.94 96.79 174.22 72.59	124.91
33 14 13 13-0806	EA 20" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,707.40 139.26 250.66 104.44	157.43
33 14 13 13-0807	EA 24" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,119.50 172.60 310.67 129.45	196.82
33 14 13 13-0808	Push-On Joint Ductile Iron Tee (33 14 13 13-0774)		
33 14 13 13-0809	EA 4" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	236.35 16.83 30.29 12.62	44.92
33 14 13 13-0810	EA 6" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	330.30 23.02 41.44 17.27	66.01
33 14 13 13-0811	EA 8" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	447.74 32.64 58.75 24.48	80.01
33 14 13 13-0812	EA 10" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	648.80 51.36 92.45 38.52	90.12
33 14 13 13-0813	EA 12" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	805.42 64.77 116.59 48.58	103.91
33 14 13 13-0814	EA 14" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,281.84 109.26 196.67 81.94	124.91
33 14 13 13-0815	EA 16" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,844.05 160.75 289.35 120.56	156.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 13-0816	EA		18" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,322.13 200.64 361.16 150.48	208.36
33 14 13 13-0817	EA		20" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,739.54 235.44 423.79 176.58	254.23
33 14 13 13-0818	EA		24" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,582.67 310.13 558.23 232.59	317.76

33 14 13 13-0819 Flanged End x Push-On Joint Ductile Iron Adapters (33 14 13 13-0774)

33 14 13 13-0820	EA		4" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	297.18 13.71 24.69 10.29	105.63
33 14 13 13-0821	EA		6" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	364.38 16.62 29.92 12.47	130.79
33 14 13 13-0822	EA		8" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	470.13 23.90 43.01 17.92	152.54
33 14 13 13-0823	EA		10" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	649.64 31.17 56.10 23.38	223.04
33 14 13 13-0824	EA		12" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	781.02 39.48 71.06 29.61	254.95
33 14 13 13-0825	EA		14" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	893.85 47.79 86.03 35.84	274.50
33 14 13 13-0826	EA		16" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,053.18 60.26 108.47 45.19	297.39
33 14 13 13-0827	EA		18" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,247.20 70.65 127.17 52.99	356.87
33 14 13 13-0828	EA		20" Flanged End x Push-On Joint Adapter, Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,442.34 84.16 151.48 63.12	396.52

33 Utilities
33 10 Water Utilities
33 14 Water Utility Transmission and Distribution



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0829	EA		24" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,794.51 110.13 198.23 82.60	457.54
33 14 13 13-0830			Push-On Joint Ductile Iron Pipe And Fitting Restraints (33 14 13 13-0774) <i>Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.</i>		
33 14 13 13-0831	EA		4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	33.81	16.44
33 14 13 13-0832	EA		6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	44.97	21.46
33 14 13 13-0833	EA		8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	58.98	22.05
33 14 13 13-0834	EA		10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	68.51	23.42
33 14 13 13-0835	EA		12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	80.62	26.02
33 14 13 13-0836	EA		14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	100.07	29.27
33 14 13 13-0837	EA		16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	117.56	33.46
33 14 13 13-0838	EA		18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	131.81	36.25
33 14 13 13-0839	EA		20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	154.27	43.49
33 14 13 13-0840	EA		24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	182.07	45.17
33 14 13 13-0841			Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) (33 14 13 13-0774)		
33 14 13 13-0842	EA		4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	179.54	60.83
33 14 13 13-0843	EA		6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	235.14	74.26
33 14 13 13-0844	EA		8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	301.41	90.57
33 14 13 13-0845	EA		10" Bell Restraint Harness, Ductile Iron (MEGALUG® 171000)	447.38	110.48
33 14 13 13-0846	EA		12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	554.33	134.73
33 14 13 13-0847	EA		14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	937.64	164.37
33 14 13 13-0848	EA		16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,073.90	200.60
33 14 13 13-0849	EA		18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,223.68	244.67
33 14 13 13-0850	EA		20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	1,654.25	298.56
33 14 13 13-0851	EA		24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,105.59	364.17
33 14 13 13-0852			Ductile Iron Pipe Repair (33 14 13 13-0001) <i>See CSI section 33 14 13 13-0002 for mechanical joint fittings.</i>		
33 14 13 13-0853			WEKO Seals (33 14 13 13-0852) <i>Note: Internal joint seal.</i>		
33 14 13 13-0854	EA		16" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,306.45 82.71	167.71
33 14 13 13-0855	EA		18" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,391.38 83.42	177.08
33 14 13 13-0856	EA		20" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,476.18 84.13	186.46
33 14 13 13-0857	EA		24" WEKO Internal Joint Seal <i>For Extra Wide Seals, Add</i>	1,565.10 85.26	201.38
33 14 13 23			Plastic Public Water Utility Distribution Piping (33 14 13)		
33 14 13 23-0001			AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe (33 14 13 23) <i>Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.</i>		
33 14 13 23-0002			AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0003	LF		4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	8.17	3.03
33 14 13 23-0004	LF		6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	11.63	3.68
33 14 13 23-0005	LF		8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	15.65	4.14
33 14 13 23-0006	LF		10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	20.32	4.60
33 14 13 23-0007	LF		12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	26.05	5.15
33 14 13 23-0008			AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0009	LF		4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	8.92	3.03
33 14 13 23-0010	LF		6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	13.19	3.68
33 14 13 23-0011	LF		8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	18.28	4.14
33 14 13 23-0012	LF		10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	24.41	4.60
33 14 13 23-0013	LF		12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	31.76	5.15
33 14 13 23-0014			AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0015	LF		4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	9.67	3.03
33 14 13 23-0016	LF		6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	14.74	3.68
33 14 13 23-0017	LF		8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	20.91	4.14
33 14 13 23-0018	LF		10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	28.41	4.60
33 14 13 23-0019	LF		12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	37.47	5.15
33 14 13 23-0020			AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0021	LF		18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	33.01	7.73
33 14 13 23-0022	LF		20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	40.05	9.19
33 14 13 23-0023	LF		24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	52.64	11.03
33 14 13 23-0024	LF		30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	73.53	12.87

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0025	LF	36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe.....	98.99	14.71
33 14 13 23-0026	LF	42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe.....	122.94	15.63
33 14 13 23-0027	LF	48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe.....	153.22	16.83
33 14 13 23-0028		AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0029	LF	14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	24.39	5.79
33 14 13 23-0030	LF	16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	29.96	6.43
33 14 13 23-0031	LF	18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	36.96	7.73
33 14 13 23-0032	LF	20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	45.18	9.19
33 14 13 23-0033	LF	24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	60.56	11.03
33 14 13 23-0034	LF	30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	84.89	12.87
33 14 13 23-0035	LF	36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	114.20	14.71
33 14 13 23-0036	LF	42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	148.24	15.63
33 14 13 23-0037	LF	48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe.....	186.05	16.83
33 14 13 23-0038		AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0039	LF	14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	27.43	5.79
33 14 13 23-0040	LF	16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	34.18	6.43
33 14 13 23-0041	LF	18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	42.21	7.73
33 14 13 23-0042	LF	20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	51.99	9.19
33 14 13 23-0043	LF	24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	70.34	11.03
33 14 13 23-0044	LF	30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	99.58	12.87
33 14 13 23-0045	LF	36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	135.63	14.71
33 14 13 23-0046	LF	42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	173.63	15.63
33 14 13 23-0047	LF	48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe.....	219.18	16.83
33 14 13 23-0048		AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0049	LF	14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	32.63	5.79
33 14 13 23-0050	LF	16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	40.36	6.43
33 14 13 23-0051	LF	18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	50.16	7.73
33 14 13 23-0052	LF	20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	61.60	9.19
33 14 13 23-0053	LF	24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	84.19	11.03
33 14 13 23-0054	LF	30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	121.31	12.87
33 14 13 23-0055	LF	36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	169.06	14.71
33 14 13 23-0056	LF	42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	222.65	15.63
33 14 13 23-0057	LF	48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe.....	284.97	16.83
33 14 13 23-0058		AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0059	LF	14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	36.54	5.79
33 14 13 23-0060	LF	16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	45.45	6.43
33 14 13 23-0061	LF	18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	56.58	7.73
33 14 13 23-0062	LF	20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	69.59	9.19
33 14 13 23-0063	LF	24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	95.68	11.03
33 14 13 23-0064	LF	30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	139.00	12.87
33 14 13 23-0065	LF	36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	194.89	14.71
33 14 13 23-0066	LF	42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe.....	258.05	15.63
33 14 13 23-0067		AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0001)		
33 14 13 23-0068	LF	14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	40.35	5.79
33 14 13 23-0069	LF	16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	50.39	6.43
33 14 13 23-0070	LF	18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	62.81	7.73
33 14 13 23-0071	LF	20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	77.36	9.19
33 14 13 23-0072	LF	24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	106.86	11.03
33 14 13 23-0073	LF	30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	156.20	12.87
33 14 13 23-0074	LF	36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe.....	220.02	14.71
33 14 13 23-0075		AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings (33 14 13 23)		
		Note: Includes rubber gaskets.		
33 14 13 23-0076		90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)		
33 14 13 23-0077	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	178.83	10.71
		For DR 25, Deduct	-9.44	
33 14 13 23-0078	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	367.70	12.05
		For DR 25, Deduct	-20.62	
33 14 13 23-0079	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	553.08	13.39
		For DR 25, Deduct	-31.58	
33 14 13 23-0080	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	844.86	21.46
		For DR 25, Deduct	-48.12	
33 14 13 23-0081	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	946.34	35.75
		For DR 25, Deduct	-52.49	
33 14 13 23-0082	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,650.77	44.69
		For DR 25, Deduct	-93.68	
33 14 13 23-0083	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,969.93	53.64
		For DR 25, Deduct	-111.76	
33 14 13 23-0084	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,383.27	71.52
		For DR 25, Deduct	-194.41	
33 14 13 23-0085	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,164.74	89.39
		For DR 25, Deduct	-239.16	

33	33 Utilities
	33 10 Water Utilities
	33 14 Water Utility Transmission and Distribution



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 14 13 23-0086	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,917.35		120.68
		For DR 25, Deduct	-400.56		
33 14 13 23-0087 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)					
33 14 13 23-0088	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	158.28		10.71
		For DR 25, Deduct	-8.21		
33 14 13 23-0089	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	274.50		12.05
		For DR 25, Deduct	-15.02		
33 14 13 23-0090	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	348.14		13.39
		For DR 25, Deduct	-19.28		
33 14 13 23-0091	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	492.42		21.46
		For DR 25, Deduct	-26.97		
33 14 13 23-0092	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	657.36		35.75
		For DR 25, Deduct	-35.15		
33 14 13 23-0093	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,267.15		44.69
		For DR 25, Deduct	-70.66		
33 14 13 23-0094	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,606.52		53.64
		For DR 25, Deduct	-89.95		
33 14 13 23-0095	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,775.65		71.52
		For DR 25, Deduct	-157.96		
33 14 13 23-0096	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,447.41		89.39
		For DR 25, Deduct	-196.12		
33 14 13 23-0097	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,865.76		120.68
		For DR 25, Deduct	-277.46		
33 14 13 23-0098 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)					
33 14 13 23-0099	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	155.78		10.71
		For DR 25, Deduct	-8.06		
33 14 13 23-0100	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	274.50		12.05
		For DR 25, Deduct	-15.02		
33 14 13 23-0101	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	348.15		13.39
		For DR 25, Deduct	-19.28		
33 14 13 23-0102	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	492.43		21.46
		For DR 25, Deduct	-26.97		
33 14 13 23-0103	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	657.37		35.75
		For DR 25, Deduct	-35.15		
33 14 13 23-0104	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,263.55		42.91
		For DR 25, Deduct	-70.66		
33 14 13 23-0105	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,606.50		53.64
		For DR 25, Deduct	-89.95		
33 14 13 23-0106	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,775.65		71.52
		For DR 25, Deduct	-157.96		
33 14 13 23-0107	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,447.41		89.39
		For DR 25, Deduct	-196.12		
33 14 13 23-0108	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,865.76		120.68
		For DR 25, Deduct	-277.46		
33 14 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)					
33 14 13 23-0110	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	137.38		10.71
		For DR 25, Deduct	-6.96		
33 14 13 23-0111	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	274.50		12.05
		For DR 25, Deduct	-15.02		
33 14 13 23-0112	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	348.15		13.39
		For DR 25, Deduct	-19.28		
33 14 13 23-0113	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	492.43		21.46
		For DR 25, Deduct	-26.97		
33 14 13 23-0114	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	657.37		35.75
		For DR 25, Deduct	-35.15		
33 14 13 23-0115	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,263.55		42.91
		For DR 25, Deduct	-70.66		
33 14 13 23-0116	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,606.50		53.64
		For DR 25, Deduct	-89.95		
33 14 13 23-0117	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,775.65		71.52
		For DR 25, Deduct	-157.96		
33 14 13 23-0118	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,447.41		89.39
		For DR 25, Deduct	-196.12		
33 14 13 23-0119	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,865.76		120.68
		For DR 25, Deduct	-277.46		
33 14 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)					
33 14 13 23-0121	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	212.65		12.05
		For DR 25, Deduct	-11.31		
33 14 13 23-0122	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	412.24		13.39
		For DR 25, Deduct	-23.13		
33 14 13 23-0123	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	575.81		15.18
		For DR 25, Deduct	-32.73		
33 14 13 23-0124	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,188.43		26.82
		For DR 25, Deduct	-68.09		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0125	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,447.66 -80.43	53.64
33 14 13 23-0126	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,618.61 -149.07	67.05
33 14 13 23-0127	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,243.77 -184.97	80.46
33 14 13 23-0128	EA	18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,092.08 -232.65	107.27
33 14 13 23-0129	EA	20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,913.36 -278.71	134.09
33 14 13 23-0130	EA	24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	6,753.73 -394.28	91.18
33 14 13 23-0131 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>				
33 14 13 23-0132	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	409.84 -22.50	17.40
33 14 13 23-0133	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	558.24 -31.25	18.75
33 14 13 23-0134	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	572.18 -32.00	19.41
33 14 13 23-0135	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,719.38 -339.94	26.82
33 14 13 23-0136	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,007.15 -57.13	27.49
33 14 13 23-0137	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,077.60 -61.28	28.15
33 14 13 23-0138	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,140.89 -63.52	41.12
33 14 13 23-0139	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,310.38 -73.61	41.79
33 14 13 23-0140	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,390.42 -78.33	42.46
33 14 13 23-0141	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,416.18 -79.39	46.48
33 14 13 23-0142	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,153.80 -123.44	48.27
33 14 13 23-0143	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,240.61 -128.56	48.95
33 14 13 23-0144	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,327.63 -133.70	49.61
33 14 13 23-0145	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,420.86 -138.82	53.64
33 14 13 23-0146	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,520.69 -143.95	60.79
33 14 13 23-0147	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,688.05 -154.20	59.00
33 14 13 23-0148	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,773.49 -159.33	59.00
33 14 13 23-0149	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,860.31 -164.46	59.67
33 14 13 23-0150	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,947.12 -169.59	60.34
33 14 13 23-0151	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,054.91 -174.71	71.52
33 14 13 23-0152	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,147.53 -179.84	75.09
33 14 13 23-0153	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,321.43 -190.06	76.88
33 14 13 23-0154	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,408.85 -195.23	77.55
33 14 13 23-0155	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,495.66 -200.35	78.22
33 14 13 23-0156	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,589.16 -205.48	82.24
33 14 13 23-0157	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,688.90 -210.61	89.39
33 14 13 23-0158	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,780.93 -215.70	92.97
33 14 13 23-0159	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,897.77 -222.07	98.33
33 14 13 23-0160	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,213.00 -241.41	94.75
33 14 13 23-0161	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,360.27 -250.16	95.43
33 14 13 23-0162	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,418.18 -253.56	96.10
33 14 13 23-0163	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,482.88 -256.96	100.12
33 14 13 23-0164	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,553.78 -260.35	107.27
33 14 13 23-0165	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,652.69 -265.86	110.85
33 14 13 23-0166	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,755.19 -271.37	116.21
33 14 13 23-0167	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,834.27 -275.04	125.15

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 14 13 23-0168	EA 24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,958.46	126.05
	<i>For DR 25, Deduct</i>	-282.38	
33 14 13 23-0169	EA 24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,021.03	126.71
	<i>For DR 25, Deduct</i>	-286.06	
33 14 13 23-0170	EA 24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,083.59	127.39
	<i>For DR 25, Deduct</i>	-289.73	
33 14 13 23-0171	EA 24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,340.55	131.41
	<i>For DR 25, Deduct</i>	-304.66	
33 14 13 23-0172	EA 24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,603.78	138.55
	<i>For DR 25, Deduct</i>	-319.60	
33 14 13 23-0173	EA 24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,859.87	142.13
	<i>For DR 25, Deduct</i>	-334.54	
33 14 13 23-0174	EA 24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,119.54	147.50
	<i>For DR 25, Deduct</i>	-349.47	
33 14 13 23-0175	EA 24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,386.35	156.44
	<i>For DR 25, Deduct</i>	-364.41	
33 14 13 23-0176	EA 24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,653.17	165.38
	<i>For DR 25, Deduct</i>	-379.34	

33 14 13 23-0177 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)

33 14 13 23-0178	EA 4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	294.26	21.42
	<i>For DR 25, Deduct</i>	-15.08	
33 14 13 23-0179	EA 6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	530.69	24.10
	<i>For DR 25, Deduct</i>	-28.95	
33 14 13 23-0180	EA 8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	735.71	26.78
	<i>For DR 25, Deduct</i>	-40.93	
33 14 13 23-0181	EA 10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,503.70	42.91
	<i>For DR 25, Deduct</i>	-85.07	
33 14 13 23-0182	EA 12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,783.09	53.64
	<i>For DR 25, Deduct</i>	-100.55	
33 14 13 23-0183	EA 14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,248.87	71.52
	<i>For DR 25, Deduct</i>	-186.35	
33 14 13 23-0184	EA 16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,031.74	89.39
	<i>For DR 25, Deduct</i>	-231.19	
33 14 13 23-0185	EA 18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,133.71	143.03
	<i>For DR 25, Deduct</i>	-290.86	
33 14 13 23-0186	EA 20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,164.13	178.79
	<i>For DR 25, Deduct</i>	-348.39	
33 14 13 23-0187	EA 24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,696.43	241.37
	<i>For DR 25, Deduct</i>	-492.82	

33 14 13 23-0188 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0075)

33 14 13 23-0189	EA 6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	514.68	22.76
	<i>For DR 25, Deduct</i>	-28.15	
33 14 13 23-0190	EA 8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	699.94	24.10
	<i>For DR 25, Deduct</i>	-39.10	
33 14 13 23-0191	EA 8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	717.72	25.43
	<i>For DR 25, Deduct</i>	-40.01	
33 14 13 23-0192	EA 10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,077.89	32.18
	<i>For DR 25, Deduct</i>	-60.81	
33 14 13 23-0193	EA 10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,257.42	33.52
	<i>For DR 25, Deduct</i>	-71.42	
33 14 13 23-0194	EA 10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,381.59	34.86
	<i>For DR 25, Deduct</i>	-78.71	
33 14 13 23-0195	EA 12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,416.71	46.48
	<i>For DR 25, Deduct</i>	-79.42	
33 14 13 23-0196	EA 12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,629.08	47.82
	<i>For DR 25, Deduct</i>	-92.01	
33 14 13 23-0197	EA 12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,730.16	49.17
	<i>For DR 25, Deduct</i>	-97.91	
33 14 13 23-0198	EA 12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,768.30	57.21
	<i>For DR 25, Deduct</i>	-99.23	
33 14 13 23-0199	EA 14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,678.84	53.64
	<i>For DR 25, Deduct</i>	-154.29	
33 14 13 23-0200	EA 14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,788.03	54.98
	<i>For DR 25, Deduct</i>	-160.68	
33 14 13 23-0201	EA 14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,898.41	56.32
	<i>For DR 25, Deduct</i>	-167.15	
33 14 13 23-0202	EA 14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,021.74	64.36
	<i>For DR 25, Deduct</i>	-173.58	
33 14 13 23-0203	EA 14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,156.76	78.67
	<i>For DR 25, Deduct</i>	-179.97	
33 14 13 23-0204	EA 16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,340.77	64.36
	<i>For DR 25, Deduct</i>	-192.72	
33 14 13 23-0205	EA 16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,451.41	65.71
	<i>For DR 25, Deduct</i>	-199.20	
33 14 13 23-0206	EA 16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,560.86	67.05
	<i>For DR 25, Deduct</i>	-205.61	
33 14 13 23-0207	EA 16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,684.09	75.09
	<i>For DR 25, Deduct</i>	-212.03	
33 14 13 23-0208	EA 16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,743.05	89.39
	<i>For DR 25, Deduct</i>	-213.86	
33 14 13 23-0209	EA 16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,940.09	96.54
	<i>For DR 25, Deduct</i>	-224.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0210	EA		18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,124.62	82.24
			<i>For DR 25, Deduct</i>	-237.61	
33 14 13 23-0211	EA		18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,235.00	83.58
			<i>For DR 25, Deduct</i>	-244.07	
33 14 13 23-0212	EA		18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,344.62	84.92
			<i>For DR 25, Deduct</i>	-250.49	
33 14 13 23-0213	EA		18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,466.25	92.97
			<i>For DR 25, Deduct</i>	-256.82	
33 14 13 23-0214	EA		18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,602.55	107.27
			<i>For DR 25, Deduct</i>	-263.28	
33 14 13 23-0215	EA		18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,723.30	114.42
			<i>For DR 25, Deduct</i>	-269.67	
33 14 13 23-0216	EA		18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,877.20	125.15
			<i>For DR 25, Deduct</i>	-277.61	
33 14 13 23-0217	EA		20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,230.10	100.12
			<i>For DR 25, Deduct</i>	-301.79	
33 14 13 23-0218	EA		20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,414.89	101.46
			<i>For DR 25, Deduct</i>	-312.72	
33 14 13 23-0219	EA		20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,488.82	102.80
			<i>For DR 25, Deduct</i>	-316.99	
33 14 13 23-0220	EA		20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,575.40	110.85
			<i>For DR 25, Deduct</i>	-321.22	
33 14 13 23-0221	EA		20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,674.50	125.15
			<i>For DR 25, Deduct</i>	-325.45	
33 14 13 23-0222	EA		20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,802.71	132.31
			<i>For DR 25, Deduct</i>	-332.29	
33 14 13 23-0223	EA		20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,940.35	143.03
			<i>For DR 25, Deduct</i>	-339.26	
33 14 13 23-0224	EA		20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,052.39	160.91
			<i>For DR 25, Deduct</i>	-343.83	
33 14 13 23-0225	EA		24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,111.80	131.41
			<i>For DR 25, Deduct</i>	-350.94	
33 14 13 23-0226	EA		24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,225.37	132.75
			<i>For DR 25, Deduct</i>	-357.59	
33 14 13 23-0227	EA		24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,304.88	134.09
			<i>For DR 25, Deduct</i>	-362.20	
33 14 13 23-0228	EA		24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,631.78	142.13
			<i>For DR 25, Deduct</i>	-380.85	
33 14 13 23-0229	EA		24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,971.30	156.44
			<i>For DR 25, Deduct</i>	-399.51	
33 14 13 23-0230	EA		24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,296.46	163.59
			<i>For DR 25, Deduct</i>	-418.16	
33 14 13 23-0231	EA		24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,630.12	174.32
			<i>For DR 25, Deduct</i>	-436.89	
33 14 13 23-0232	EA		24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,976.06	192.19
			<i>For DR 25, Deduct</i>	-455.50	
33 14 13 23-0233	EA		24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,323.33	210.07
			<i>For DR 25, Deduct</i>	-474.19	
33 14 13 23-0234	Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>				
33 14 13 23-0235	EA		4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	106.19	10.71
			<i>For DR 25, Deduct</i>	-5.09	
33 14 13 23-0236	EA		6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	199.08	12.05
			<i>For DR 25, Deduct</i>	-10.50	
33 14 13 23-0237	EA		8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	239.79	13.39
			<i>For DR 25, Deduct</i>	-12.78	
33 14 13 23-0238	EA		10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	340.88	21.46
			<i>For DR 25, Deduct</i>	-17.88	
33 14 13 23-0239	EA		12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	543.24	26.82
			<i>For DR 25, Deduct</i>	-29.37	
33 14 13 23-0240	EA		14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	943.96	35.75
			<i>For DR 25, Deduct</i>	-52.34	
33 14 13 23-0241	EA		16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,117.91	44.69
			<i>For DR 25, Deduct</i>	-61.71	
33 14 13 23-0242	EA		18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,681.09	71.52
			<i>For DR 25, Deduct</i>	-152.28	
33 14 13 23-0243	EA		20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,004.44	89.39
			<i>For DR 25, Deduct</i>	-169.54	
33 14 13 23-0244	EA		24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,231.03	120.68
			<i>For DR 25, Deduct</i>	-239.38	
33 14 13 23-0245	Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0075)</small>				
33 14 13 23-0246	EA		4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	132.01	10.71
			<i>For DR 25, Deduct</i>	-6.64	
33 14 13 23-0247	EA		6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	179.71	12.05
			<i>For DR 25, Deduct</i>	-9.34	
33 14 13 23-0248	EA		8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	261.86	13.39
			<i>For DR 25, Deduct</i>	-14.10	
33 14 13 23-0249	EA		10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	358.09	21.46
			<i>For DR 25, Deduct</i>	-18.91	
33 14 13 23-0250	EA		12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	573.66	35.75
			<i>For DR 25, Deduct</i>	-30.13	
33 14 13 23-0251	EA		14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,529.77	42.91
			<i>For DR 25, Deduct</i>	-86.64	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 23-0252	EA 16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,071.40	53.64
	<i>For DR 25, Deduct</i>	-117.85	
33 14 13 23-0253	EA 18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,551.52	71.52
	<i>For DR 25, Deduct</i>	-144.51	
33 14 13 23-0254	EA 20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,047.84	89.39
	<i>For DR 25, Deduct</i>	-172.14	
33 14 13 23-0255	EA 24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,140.49	120.68
	<i>For DR 25, Deduct</i>	-233.95	
33 14 13 23-0256	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping (33 14 13 23)		
33 14 13 23-0257	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe (33 14 13 23-0256)		
33 14 13 23-0258	LF 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.03	0.72
	<i>For >1,000, Deduct</i>	-0.10	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.04	
33 14 13 23-0259	LF 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.23	0.77
	<i>For >1,000, Deduct</i>	-0.11	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.05	
33 14 13 23-0260	LF 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.60	0.84
	<i>For >1,000, Deduct</i>	-0.13	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.08	
33 14 13 23-0261	LF 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.00	0.93
	<i>For >1,000, Deduct</i>	-0.15	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.10	
33 14 13 23-0262	LF 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.85	1.03
	<i>For >1,000, Deduct</i>	-0.19	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.19	
33 14 13 23-0263	LF 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	4.94	1.18
	<i>For >1,000, Deduct</i>	-0.25	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.30	
33 14 13 23-0264	LF 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.99	1.31
	<i>For >1,000, Deduct</i>	-0.30	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.41	
33 14 13 23-0265	LF 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.49	1.61
	<i>For >1,000, Deduct</i>	-0.42	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.67	
33 14 13 23-0266	LF 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	14.84	2.06
	<i>For >1,000, Deduct</i>	-0.74	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.46	
33 14 13 23-0267	LF 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	23.60	2.86
	<i>For >1,000, Deduct</i>	-1.18	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	2.47	
33 14 13 23-0268	LF 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	35.14	3.83
	<i>For >1,000, Deduct</i>	-1.76	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	3.84	
33 14 13 23-0269	LF 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	48.91	5.15
	<i>For >1,000, Deduct</i>	-2.45	
	<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	5.41	
33 14 13 23-0270	90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0271	EA 3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	21.69	8.57
33 14 13 23-0272	EA 1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	27.41	10.71
33 14 13 23-0273	EA 1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	34.51	13.39
33 14 13 23-0274	EA 1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	51.20	14.81
33 14 13 23-0275	EA 2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	55.48	16.60
33 14 13 23-0276	EA 2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	65.57	18.84
33 14 13 23-0277	EA 3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	73.25	21.02
33 14 13 23-0278	EA 4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	101.27	25.82
33 14 13 23-0279	EA 6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	145.33	32.79
33 14 13 23-0280	EA 8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	234.15	43.05
33 14 13 23-0281	EA 10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	288.48	57.60
33 14 13 23-0282	EA 12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	381.51	77.52
33 14 13 23-0283	45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0284	EA 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	22.07	8.57
33 14 13 23-0285	EA 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	27.68	10.71
33 14 13 23-0286	EA 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	34.67	13.39
33 14 13 23-0287	EA 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	46.23	14.81
33 14 13 23-0288	EA 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	55.94	16.60
33 14 13 23-0289	EA 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	67.45	18.84
33 14 13 23-0290	EA 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	72.46	21.02
33 14 13 23-0291	EA 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	99.56	25.82
33 14 13 23-0292	EA 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	141.88	32.79
33 14 13 23-0293	EA 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	227.58	43.05
33 14 13 23-0294	EA 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	261.24	57.60
33 14 13 23-0295	EA 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	343.81	77.52
33 14 13 23-0296	Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)		
33 14 13 23-0297	EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	32.51	12.85
33 14 13 23-0298	EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	41.02	16.16
33 14 13 23-0299	EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	51.43	20.17
33 14 13 23-0300	EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	70.69	22.31
33 14 13 23-0301	EA 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	80.41	24.81

	MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 23-0302	EA		2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	93.51	28.29
33 14 13 23-0303	EA		3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	111.98	31.45
33 14 13 23-0304	EA		4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	146.84	38.76
33 14 13 23-0305	EA		6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	241.80	49.27
33 14 13 23-0306	EA		8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	361.36	64.57
33 14 13 23-0307	EA		10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	431.21	91.81
33 14 13 23-0308	EA		12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	540.41	123.54

33 14 13 23-0309 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0256)

33 14 13 23-0310	EA		3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	14.52	5.71
33 14 13 23-0311	EA		1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	19.60	7.68
33 14 13 23-0312	EA		1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	26.15	10.08
33 14 13 23-0313	EA		1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	36.14	11.16
33 14 13 23-0314	EA		2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	39.86	12.41
33 14 13 23-0315	EA		2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	45.35	14.11
33 14 13 23-0316	EA		3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	51.85	15.72
33 14 13 23-0317	EA		4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	70.92	19.34
33 14 13 23-0318	EA		6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	101.07	24.64
33 14 13 23-0319	EA		8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	170.76	32.28
33 14 13 23-0320	EA		10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	204.91	45.95
33 14 13 23-0321	EA		12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	261.58	61.77

33 14 13 23-0322 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)

33 14 13 23-0323 Schedule 40 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0322)

33 14 13 23-0324	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	2.22	0.72
			<i>For >1,000, Deduct</i>	-0.11	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.06	
33 14 13 23-0325	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	2.60	0.77
			<i>For >1,000, Deduct</i>	-0.13	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.10	
33 14 13 23-0326	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.34	0.93
			<i>For >1,000, Deduct</i>	-0.17	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.15	
33 14 13 23-0327	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.98	1.03
			<i>For >1,000, Deduct</i>	-0.20	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.21	
33 14 13 23-0328	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	5.14	1.18
			<i>For >1,000, Deduct</i>	-0.26	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.33	
33 14 13 23-0329	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	6.12	1.31
			<i>For >1,000, Deduct</i>	-0.31	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.43	
33 14 13 23-0330	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	8.15	1.61
			<i>For >1,000, Deduct</i>	-0.41	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.62	
33 14 13 23-0331	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	12.30	2.06
			<i>For >1,000, Deduct</i>	-0.62	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.08	

33 14 13 23-0332 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)

33 14 13 23-0333	EA		3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	21.83	8.57
33 14 13 23-0334	EA		1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	27.49	10.71
33 14 13 23-0335	EA		1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	38.22	14.81
33 14 13 23-0336	EA		2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	43.15	16.60
33 14 13 23-0337	EA		2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	51.72	18.84
33 14 13 23-0338	EA		3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	58.09	21.02
33 14 13 23-0339	EA		4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	75.90	25.82
33 14 13 23-0340	EA		6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	118.16	32.79

33 14 13 23-0341 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)

33 14 13 23-0342	EA		3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	21.80	8.57
33 14 13 23-0343	EA		1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	27.46	10.71
33 14 13 23-0344	EA		1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	38.23	14.81
33 14 13 23-0345	EA		2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	43.02	16.60
33 14 13 23-0346	EA		2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	51.37	18.84
33 14 13 23-0347	EA		3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	57.68	21.02
33 14 13 23-0348	EA		4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	75.06	25.82
33 14 13 23-0349	EA		6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	115.49	32.79

33 14 13 23-0350 Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)

33 14 13 23-0351	EA		3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	32.65	12.85
33 14 13 23-0352	EA		1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	41.13	16.16
33 14 13 23-0353	EA		1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	57.17	22.31
33 14 13 23-0354	EA		2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	64.28	24.81
33 14 13 23-0355	EA		2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	77.78	28.29
33 14 13 23-0356	EA		3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	88.83	31.45
33 14 13 23-0357	EA		4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	110.44	38.76
33 14 13 23-0358	EA		6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	179.80	49.27

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 23-0359	Couplings, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)		
33 14 13 23-0360	EA 3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	14.59	5.71
33 14 13 23-0361	EA 1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	19.65	7.68
33 14 13 23-0362	EA 1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	28.50	11.16
33 14 13 23-0363	EA 2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	32.12	12.41
33 14 13 23-0364	EA 2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	37.66	14.11
33 14 13 23-0365	EA 3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	42.94	15.72
33 14 13 23-0366	EA 4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	53.18	19.34
33 14 13 23-0367	EA 6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	78.01	24.64
33 14 13 23-0368	Crosses, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0322)		
33 14 13 23-0369	EA 3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	43.67	17.14
33 14 13 23-0370	EA 1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	54.78	21.51
33 14 13 23-0371	EA 1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	76.21	29.72
33 14 13 23-0372	EA 2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	85.68	33.11
33 14 13 23-0373	EA 2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	103.66	37.66
33 14 13 23-0374	EA 3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	118.38	41.96
33 14 13 23-0375	EA 4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	147.18	51.62
33 14 13 23-0376	EA 6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	239.40	65.67
33 14 13 23-0377	Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)		
33 14 13 23-0378	Schedule 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0377)		
33 14 13 23-0379	LF 1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	2.81	0.77
	For >1,000, Deduct	-0.14	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.13	
33 14 13 23-0380	LF 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.76	0.93
	For >1,000, Deduct	-0.19	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.22	
33 14 13 23-0381	LF 2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.68	1.03
	For >1,000, Deduct	-0.23	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.31	
33 14 13 23-0382	LF 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.05	1.18
	For >1,000, Deduct	-0.30	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.47	
33 14 13 23-0383	LF 3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.40	1.31
	For >1,000, Deduct	-0.37	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.62	
33 14 13 23-0384	LF 4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	10.11	1.61
	For >1,000, Deduct	-0.51	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.91	
33 14 13 23-0385	LF 6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	16.67	2.06
	For >1,000, Deduct	-0.83	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.73	
33 14 13 23-0386	90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0377)		
33 14 13 23-0387	EA 1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	28.58	10.71
33 14 13 23-0388	EA 1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	38.22	14.81
33 14 13 23-0389	EA 2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	44.23	16.60
33 14 13 23-0390	EA 2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	54.03	18.84
33 14 13 23-0391	EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	60.24	21.02
33 14 13 23-0392	EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	76.41	25.82
33 14 13 23-0393	EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	115.71	32.79
33 14 13 23-0394	45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0377)		
33 14 13 23-0395	EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	33.04	10.71
33 14 13 23-0396	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	42.51	14.81
33 14 13 23-0397	EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	48.36	16.60
33 14 13 23-0398	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	61.77	18.84
33 14 13 23-0399	EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	70.32	21.02
33 14 13 23-0400	EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	96.67	25.82
33 14 13 23-0401	EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	114.36	32.79
33 14 13 23-0402	Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0377)		
33 14 13 23-0403	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	43.41	16.16
33 14 13 23-0404	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	64.09	22.31
33 14 13 23-0405	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	72.53	24.81
33 14 13 23-0406	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	82.15	28.29
33 14 13 23-0407	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	93.01	31.45
33 14 13 23-0408	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	113.46	38.76
33 14 13 23-0409	EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	179.69	49.27
33 14 13 23-0410	Couplings, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0377)		
33 14 13 23-0411	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	21.28	7.68
33 14 13 23-0412	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	31.30	11.16
33 14 13 23-0413	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	34.75	12.41
33 14 13 23-0414	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	44.42	14.11
33 14 13 23-0415	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	49.75	15.72
33 14 13 23-0416	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	61.47	19.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 23-0417	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	89.58	24.64
33 14 13 23-0418			Crosses, Schedule 80 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0377)</small>		
33 14 13 23-0419	EA		1" Schedule 80 Polyvinyl Chloride (PVC) Cross	57.80	21.51
33 14 13 23-0420	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	85.40	29.72
33 14 13 23-0421	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Cross	96.64	33.11
33 14 13 23-0422	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	109.47	37.66
33 14 13 23-0423	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Cross	123.93	41.96
33 14 13 23-0424	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Cross	151.18	51.62
33 14 13 23-0425	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Cross	239.26	65.67
33 14 13 23-0426			AWWA C906, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23)</small>		
			Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427			High Density Polyethylene (HDPE) Pressure Pipe <small>(33 14 13 23-0426)</small>		
33 14 13 23-0428	LF		3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	6.21	2.39
			For SDR 19, Add	0.12	
			For SDR 17, Add	0.31	
			For SDR 15.5, Add	0.45	
			For SDR 13.5, Add	0.70	
			For SDR 11, Add	1.13	
33 14 13 23-0429	LF		4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	8.67	3.03
			For SDR 26, Deduct	-0.48	
			For SDR 19, Add	0.23	
			For SDR 17, Add	0.58	
			For SDR 15.5, Add	0.85	
			For SDR 13.5, Add	1.32	
			For SDR 11, Add	2.13	
33 14 13 23-0430	LF		6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	12.95	3.68
			For SDR 26, Deduct	-1.03	
			For SDR 19, Add	0.50	
			For SDR 17, Add	1.24	
			For SDR 15.5, Add	1.82	
			For SDR 13.5, Add	2.84	
			For SDR 11, Add	4.58	
33 14 13 23-0431	LF		8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	17.78	4.14
			For SDR 26, Deduct	-1.74	
			For SDR 19, Add	0.86	
			For SDR 17, Add	2.11	
			For SDR 15.5, Add	3.09	
			For SDR 13.5, Add	4.83	
			For SDR 11, Add	7.77	
33 14 13 23-0432	LF		10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	23.97	4.60
			For SDR 26, Deduct	-2.71	
			For SDR 19, Add	1.33	
			For SDR 17, Add	3.28	
			For SDR 15.5, Add	4.81	
			For SDR 13.5, Add	7.51	
			For SDR 11, Add	12.08	
33 14 13 23-0433	LF		12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	31.52	51.50
			For SDR 26, Deduct	-3.91	
			For SDR 19, Add	1.92	
			For SDR 17, Add	4.74	
			For SDR 15.5, Add	6.93	
			For SDR 13.5, Add	10.82	
			For SDR 11, Add	17.42	
33 14 13 23-0434	LF		14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	36.54	5.79
			For SDR 26, Deduct	-4.59	
			For SDR 19, Add	2.25	
			For SDR 17, Add	5.57	
			For SDR 15.5, Add	8.15	
			For SDR 13.5, Add	12.72	
			For SDR 11, Add	20.48	
33 14 13 23-0435	LF		16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	45.60	6.43
			For SDR 26, Deduct	-6.00	
			For SDR 19, Add	2.95	
			For SDR 17, Add	7.27	
			For SDR 15.5, Add	10.65	
			For SDR 13.5, Add	16.62	
			For SDR 11, Add	26.76	
33 14 13 23-0436	LF		18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	56.85	7.73
			For SDR 26, Deduct	-7.58	
			For SDR 19, Add	3.72	
			For SDR 17, Add	9.19	
			For SDR 15.5, Add	13.46	
			For SDR 13.5, Add	21.01	
			For SDR 11, Add	33.81	
33 14 13 23-0437	LF		20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	62.88	9.19
			For SDR 26, Deduct	-8.15	
			For SDR 19, Add	4.00	
			For SDR 17, Add	9.88	
			For SDR 15.5, Add	14.47	
			For SDR 13.5, Add	22.59	
			For SDR 11, Add	36.36	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	95.66	11.03
		<i>For SDR 26, Deduct</i>	-13.49	
		<i>For SDR 19, Add</i>	6.62	
		<i>For SDR 17, Add</i>	16.35	
		<i>For SDR 15.5, Add</i>	23.95	
		<i>For SDR 13.5, Add</i>	37.38	
		<i>For SDR 11, Add</i>	60.16	
33 14 13 23-0439		90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23-0426)</small>		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	55.08	13.39
		<i>For SDR 26, Deduct</i>	-2.73	
		<i>For SDR 19, Add</i>	1.34	
		<i>For SDR 17, Add</i>	3.31	
		<i>For SDR 15.5, Add</i>	4.85	
		<i>For SDR 13.5, Add</i>	7.57	
		<i>For SDR 11, Add</i>	12.19	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	62.39	14.89
		<i>For SDR 26, Deduct</i>	-3.26	
		<i>For SDR 19, Add</i>	1.60	
		<i>For SDR 17, Add</i>	3.95	
		<i>For SDR 15.5, Add</i>	5.78	
		<i>For SDR 13.5, Add</i>	9.03	
		<i>For SDR 11, Add</i>	14.53	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	98.23	17.01
		<i>For SDR 26, Deduct</i>	-8.66	
		<i>For SDR 19, Add</i>	4.25	
		<i>For SDR 17, Add</i>	10.50	
		<i>For SDR 15.5, Add</i>	15.38	
		<i>For SDR 13.5, Add</i>	24.00	
		<i>For SDR 11, Add</i>	38.64	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	158.30	19.85
		<i>For SDR 26, Deduct</i>	-18.11	
		<i>For SDR 19, Add</i>	8.89	
		<i>For SDR 17, Add</i>	21.95	
		<i>For SDR 15.5, Add</i>	32.14	
		<i>For SDR 13.5, Add</i>	50.17	
		<i>For SDR 11, Add</i>	80.75	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	244.22	26.51
		<i>For SDR 26, Deduct</i>	-30.22	
		<i>For SDR 19, Add</i>	14.84	
		<i>For SDR 17, Add</i>	36.63	
		<i>For SDR 15.5, Add</i>	53.65	
		<i>For SDR 13.5, Add</i>	83.74	
		<i>For SDR 11, Add</i>	134.78	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	360.40	39.67
		<i>For SDR 26, Deduct</i>	-44.25	
		<i>For SDR 19, Add</i>	21.73	
		<i>For SDR 17, Add</i>	53.65	
		<i>For SDR 15.5, Add</i>	78.56	
		<i>For SDR 13.5, Add</i>	122.62	
		<i>For SDR 11, Add</i>	197.37	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	446.58	52.95
		<i>For SDR 26, Deduct</i>	-52.76	
		<i>For SDR 19, Add</i>	25.90	
		<i>For SDR 17, Add</i>	63.95	
		<i>For SDR 15.5, Add</i>	93.66	
		<i>For SDR 13.5, Add</i>	146.18	
		<i>For SDR 11, Add</i>	235.29	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	582.62	79.35
		<i>For SDR 26, Deduct</i>	-63.18	
		<i>For SDR 19, Add</i>	31.02	
		<i>For SDR 17, Add</i>	76.59	
		<i>For SDR 15.5, Add</i>	112.16	
		<i>For SDR 13.5, Add</i>	175.06	
		<i>For SDR 11, Add</i>	281.77	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	736.81	89.26
		<i>For SDR 26, Deduct</i>	-85.97	
		<i>For SDR 19, Add</i>	42.21	
		<i>For SDR 17, Add</i>	104.22	
		<i>For SDR 15.5, Add</i>	152.62	
		<i>For SDR 13.5, Add</i>	238.22	
		<i>For SDR 11, Add</i>	383.43	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,012.36	101.30
		<i>For SDR 26, Deduct</i>	-129.29	
		<i>For SDR 19, Add</i>	63.48	
		<i>For SDR 17, Add</i>	156.72	
		<i>For SDR 15.5, Add</i>	229.51	
		<i>For SDR 13.5, Add</i>	358.24	
		<i>For SDR 11, Add</i>	576.61	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,298.65	119.07
		<i>For SDR 26, Deduct</i>	-172.60	
		<i>For SDR 19, Add</i>	84.75	
		<i>For SDR 17, Add</i>	209.23	
		<i>For SDR 15.5, Add</i>	306.40	
		<i>For SDR 13.5, Add</i>	478.25	
		<i>For SDR 11, Add</i>	769.77	
33 14 13 23-0451		Tees, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23-0426)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0452	EA		3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	61.45	14.02
			<i>For SDR 26, Deduct</i>	-3.57	
			<i>For SDR 19, Add</i>	1.76	
			<i>For SDR 17, Add</i>	4.33	
			<i>For SDR 15.5, Add</i>	6.35	
			<i>For SDR 13.5, Add</i>	9.90	
			<i>For SDR 11, Add</i>	15.94	
33 14 13 23-0453	EA		4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	70.53	15.87
			<i>For SDR 26, Deduct</i>	-4.21	
			<i>For SDR 19, Add</i>	2.07	
			<i>For SDR 17, Add</i>	5.10	
			<i>For SDR 15.5, Add</i>	7.47	
			<i>For SDR 13.5, Add</i>	11.66	
			<i>For SDR 11, Add</i>	18.76	
33 14 13 23-0454	EA		6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	114.90	18.31
			<i>For SDR 26, Deduct</i>	-11.00	
			<i>For SDR 19, Add</i>	5.40	
			<i>For SDR 17, Add</i>	13.33	
			<i>For SDR 15.5, Add</i>	19.52	
			<i>For SDR 13.5, Add</i>	30.47	
			<i>For SDR 11, Add</i>	49.05	
33 14 13 23-0455	EA		8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	217.11	21.65
			<i>For SDR 26, Deduct</i>	-27.90	
			<i>For SDR 19, Add</i>	13.70	
			<i>For SDR 17, Add</i>	33.82	
			<i>For SDR 15.5, Add</i>	49.53	
			<i>For SDR 13.5, Add</i>	77.31	
			<i>For SDR 11, Add</i>	124.44	
33 14 13 23-0456	EA		10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	295.77	31.77
			<i>For SDR 26, Deduct</i>	-36.76	
			<i>For SDR 19, Add</i>	18.05	
			<i>For SDR 17, Add</i>	44.56	
			<i>For SDR 15.5, Add</i>	65.26	
			<i>For SDR 13.5, Add</i>	101.86	
			<i>For SDR 11, Add</i>	163.95	
33 14 13 23-0457	EA		12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	416.68	47.67
			<i>For SDR 26, Deduct</i>	-50.19	
			<i>For SDR 19, Add</i>	24.65	
			<i>For SDR 17, Add</i>	60.85	
			<i>For SDR 15.5, Add</i>	89.11	
			<i>For SDR 13.5, Add</i>	139.08	
			<i>For SDR 11, Add</i>	223.86	
33 14 13 23-0458	EA		14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	500.67	59.53
			<i>For SDR 26, Deduct</i>	-59.05	
			<i>For SDR 19, Add</i>	28.99	
			<i>For SDR 17, Add</i>	71.58	
			<i>For SDR 15.5, Add</i>	104.83	
			<i>For SDR 13.5, Add</i>	163.63	
			<i>For SDR 11, Add</i>	263.37	
33 14 13 23-0459	EA		16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	650.46	89.26
			<i>For SDR 26, Deduct</i>	-70.13	
			<i>For SDR 19, Add</i>	34.43	
			<i>For SDR 17, Add</i>	85.01	
			<i>For SDR 15.5, Add</i>	124.49	
			<i>For SDR 13.5, Add</i>	194.31	
			<i>For SDR 11, Add</i>	312.75	
33 14 13 23-0460	EA		18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	843.47	103.98
			<i>For SDR 26, Deduct</i>	-97.44	
			<i>For SDR 19, Add</i>	47.84	
			<i>For SDR 17, Add</i>	118.11	
			<i>For SDR 15.5, Add</i>	172.97	
			<i>For SDR 13.5, Add</i>	269.98	
			<i>For SDR 11, Add</i>	434.56	
33 14 13 23-0461	EA		20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,192.08	122.82
			<i>For SDR 26, Deduct</i>	-150.21	
			<i>For SDR 19, Add</i>	73.76	
			<i>For SDR 17, Add</i>	182.09	
			<i>For SDR 15.5, Add</i>	266.67	
			<i>For SDR 13.5, Add</i>	416.22	
			<i>For SDR 11, Add</i>	669.94	
33 14 13 23-0462	EA		24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,553.72	148.88
			<i>For SDR 26, Deduct</i>	-202.99	
			<i>For SDR 19, Add</i>	99.67	
			<i>For SDR 17, Add</i>	246.07	
			<i>For SDR 15.5, Add</i>	360.36	
			<i>For SDR 13.5, Add</i>	562.47	
			<i>For SDR 11, Add</i>	905.33	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping (33 14 13)

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping (33 14 13)

33 14 13 36-0001 Steel Piping (33 14 13 36)

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping (33 14 13 36-0001)

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping (33 14 13

36-0002)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 14 13 36-0004	LF 8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	66.66	23.48
	<i>For <100, Add</i>	8.67	
	<i>For >1,000, Deduct</i>	-3.33	
33 14 13 36-0005	LF 8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	76.55	23.48
	<i>For <100, Add</i>	9.16	
	<i>For >1,000, Deduct</i>	-3.83	
33 14 13 36-0006	LF 10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	77.74	25.61
	<i>For <100, Add</i>	9.71	
	<i>For >1,000, Deduct</i>	-3.89	
33 14 13 36-0007	LF 10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	90.25	25.61
	<i>For <100, Add</i>	10.33	
	<i>For >1,000, Deduct</i>	-4.51	
33 14 13 36-0008	LF 12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	91.25	26.83
	<i>For <100, Add</i>	10.66	
	<i>For >1,000, Deduct</i>	-4.56	
33 14 13 36-0009	LF 12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	100.98	26.83
	<i>For <100, Add</i>	11.15	
	<i>For >1,000, Deduct</i>	-5.05	
33 14 13 36-0010	LF 14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	108.62	29.66
	<i>For <100, Add</i>	12.17	
	<i>For >1,000, Deduct</i>	-5.43	
33 14 13 36-0011	LF 14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	116.40	29.66
	<i>For <100, Add</i>	12.56	
	<i>For >1,000, Deduct</i>	-5.82	
33 14 13 36-0012	LF 16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	115.16	31.31
	<i>For <100, Add</i>	12.87	
	<i>For >1,000, Deduct</i>	-5.76	
33 14 13 36-0013	LF 16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	121.17	31.31
	<i>For <100, Add</i>	13.17	
	<i>For >1,000, Deduct</i>	-6.06	
33 14 13 36-0014	LF 18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	140.28	35.22
	<i>For <100, Add</i>	15.02	
	<i>For >1,000, Deduct</i>	-7.01	
33 14 13 36-0015	LF 20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	150.12	35.22
	<i>For <100, Add</i>	15.51	
	<i>For >1,000, Deduct</i>	-7.51	
33 14 13 36-0016	5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping <small>(33 14</small>		
	<small>13 36-0002)</small>		
33 14 13 36-0017	LF 12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	121.43	45.20
	<i>For <100, Add</i>	13.18	
	<i>For >1,000, Deduct</i>	-6.07	
33 14 13 36-0018	LF 14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	142.43	49.72
	<i>For <100, Add</i>	14.97	
	<i>For >1,000, Deduct</i>	-7.12	
33 14 13 36-0019	LF 16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	156.96	51.99
	<i>For <100, Add</i>	16.14	
	<i>For >1,000, Deduct</i>	-7.85	
33 14 13 36-0020	LF 18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	177.00	58.77
	<i>For <100, Add</i>	18.17	
	<i>For >1,000, Deduct</i>	-8.85	
33 14 13 36-0021	LF 18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	183.67	58.77
	<i>For <100, Add</i>	18.51	
	<i>For >1,000, Deduct</i>	-9.18	
33 14 13 36-0022	LF 20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	189.84	58.77
	<i>For <100, Add</i>	18.82	
	<i>For >1,000, Deduct</i>	-9.49	
33 14 13 36-0023	LF 20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	196.96	58.77
	<i>For <100, Add</i>	19.17	
	<i>For >1,000, Deduct</i>	-9.85	
33 14 13 36-0024	LF 24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	227.86	67.81
	<i>For <100, Add</i>	22.05	
	<i>For >1,000, Deduct</i>	-11.39	
33 14 13 36-0025	LF 24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	249.88	67.81
	<i>For <100, Add</i>	23.15	
	<i>For >1,000, Deduct</i>	-12.49	
33 14 13 36-0026	LF 24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	303.94	67.81
	<i>For <100, Add</i>	25.85	
	<i>For >1,000, Deduct</i>	-15.20	
33 14 13 36-0027	LF 30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	280.84	79.10
	<i>For <100, Add</i>	26.47	
	<i>For >1,000, Deduct</i>	-14.04	
33 14 13 36-0028	LF 30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	289.85	79.10
	<i>For <100, Add</i>	26.92	
	<i>For >1,000, Deduct</i>	-14.49	
33 14 13 36-0029	LF 30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	374.82	79.10
	<i>For <100, Add</i>	31.17	
	<i>For >1,000, Deduct</i>	-18.74	
33 14 13 36-0030	LF 36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	327.56	79.10
	<i>For <100, Add</i>	28.81	
	<i>For >1,000, Deduct</i>	-16.38	
33 14 13 36-0031	LF 36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	385.06	94.93
	<i>For <100, Add</i>	34.17	
	<i>For >1,000, Deduct</i>	-19.25	
33 14 13 36-0032	LF 36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	450.96	94.93
	<i>For <100, Add</i>	37.47	
	<i>For >1,000, Deduct</i>	-22.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 36-0033	LF			36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	434.50	94.93
				For <100, Add	36.64	
				For >1,000, Deduct	-21.73	

33 14 13 36-0034 Flexible Couplings (Dresser Style 38) (33 14 13 36-0001)

33 14 13 36-0035	EA			2" Dresser Coupling For Plain End Welded Steel Pipe.....	105.47	24.48
33 14 13 36-0036	EA			3" Dresser Coupling For Plain End Welded Steel Pipe.....	155.13	47.09
33 14 13 36-0037	EA			4" Dresser Coupling For Plain End Welded Steel Pipe.....	206.45	62.16
33 14 13 36-0038	EA			6" Dresser Coupling For Plain End Welded Steel Pipe.....	329.33	94.17
33 14 13 36-0039	EA			8" Dresser Coupling For Plain End Welded Steel Pipe.....	431.19	118.66
33 14 13 36-0040	EA			10" Dresser Coupling For Plain End Welded Steel Pipe.....	575.32	135.18
33 14 13 36-0041	EA			12" Dresser Coupling For Plain End Welded Steel Pipe.....	682.23	169.43
33 14 13 36-0042	EA			14" Dresser Coupling For Plain End Welded Steel Pipe.....	734.64	169.43
33 14 13 36-0043	EA			16" Dresser Coupling For Plain End Welded Steel Pipe.....	776.01	193.76
33 14 13 36-0044	EA			18" Dresser Coupling For Plain End Welded Steel Pipe.....	850.69	207.27
33 14 13 36-0045	EA			20" Dresser Coupling For Plain End Welded Steel Pipe.....	927.95	234.31
33 14 13 36-0046	EA			24" Dresser Coupling For Plain End Welded Steel Pipe.....	1,173.91	247.83
33 14 13 36-0047	EA			30" Dresser Coupling For Plain End Welded Steel Pipe.....	1,409.57	270.36
33 14 13 36-0048	EA			36" Dresser Coupling For Plain End Welded Steel Pipe.....	1,654.03	304.15

33 14 13 39 Copper Public Water Utility Distribution Piping (33 14 13)
33 14 13 39-0001 Type L Copper Water Distribution Piping (33 14 13 39)

33 14 13 39-0002	LF			1/2" Type L Copper Water Distribution Pipe.....	5.18	1.74
33 14 13 39-0003	LF			3/4" Type L Copper Water Distribution Pipe.....	6.11	1.95
33 14 13 39-0004	LF			1" Type L Copper Water Distribution Pipe.....	7.93	2.17
33 14 13 39-0005	LF			1-1/4" Type L Copper Water Distribution Pipe.....	9.66	2.60
33 14 13 39-0006	LF			1-1/2" Type L Copper Water Distribution Pipe.....	11.70	3.47
33 14 13 39-0007	LF			2" Type L Copper Water Distribution Pipe.....	16.15	4.33
33 14 13 39-0008	LF			2-1/2" Type L Copper Water Distribution Pipe.....	20.98	5.21
33 14 13 39-0009	LF			3" Type L Copper Water Distribution Pipe.....	25.60	5.72
33 14 13 39-0010	LF			3-1/2" Type L Copper Water Distribution Pipe.....	34.60	7.19
33 14 13 39-0011	LF			4" Type L Copper Water Distribution Pipe.....	45.32	9.11
33 14 13 39-0012	LF			5" Type L Copper Water Distribution Pipe.....	69.60	11.36
33 14 13 39-0013	LF			6" Type L Copper Water Distribution Pipe.....	89.01	13.71
33 14 13 39-0014	LF			8" Type L Copper Water Distribution Pipe.....	145.11	15.35

33 14 13 39-0015 Type K Copper Water Distribution Piping (33 14 13 39)

33 14 13 39-0016	LF			1/2" Type K Copper Water Distribution Pipe.....	5.40	1.74
33 14 13 39-0017	LF			3/4" Type K Copper Water Distribution Pipe.....	6.90	1.95
33 14 13 39-0018	LF			1" Type K Copper Water Distribution Pipe.....	8.71	2.17
33 14 13 39-0019	LF			1-1/4" Type K Copper Water Distribution Pipe.....	10.14	2.60
33 14 13 39-0020	LF			1-1/2" Type K Copper Water Distribution Pipe.....	12.42	3.47
33 14 13 39-0021	LF			2" Type K Copper Water Distribution Pipe.....	17.12	4.33
33 14 13 39-0022	LF			2-1/2" Type K Copper Water Distribution Pipe.....	23.65	5.21
33 14 13 39-0023	LF			3" Type K Copper Water Distribution Pipe.....	29.61	5.72
33 14 13 39-0024	LF			3-1/2" Type K Copper Water Distribution Pipe.....	39.31	7.19
33 14 13 39-0025	LF			4" Type K Copper Water Distribution Pipe.....	52.47	9.11
33 14 13 39-0026	LF			5" Type K Copper Water Distribution Pipe.....	84.38	11.36
33 14 13 39-0027	LF			6" Type K Copper Water Distribution Pipe.....	115.60	13.71
33 14 13 39-0028	LF			8" Type K Copper Water Distribution Pipe.....	194.17	15.35

33 14 13 39-0029 Copper Flare x Female Copper Flare Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15405

33 14 13 39-0030	EA			3/4" Copper Flare x Female Copper Flare Service Fitting Coupling.....	33.24	
33 14 13 39-0031	EA			1" Copper Flare x Female Copper Flare Service Fitting Coupling.....	46.98	
33 14 13 39-0032	EA			1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	111.02	
33 14 13 39-0033	EA			2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	141.37	

33 14 13 39-0034 Copper Flare x Female Iron Pipe Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15450

33 14 13 39-0035	EA			1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	38.06	
33 14 13 39-0036	EA			3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	33.39	
33 14 13 39-0037	EA			1" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	45.76	
33 14 13 39-0038	EA			1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	67.03	
33 14 13 39-0039	EA			1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	86.39	
33 14 13 39-0040	EA			2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	137.06	

33 14 13 39-0041 Copper Flare x Male Iron Pipe Service Fitting Coupling (33 14 13 39)

Note: Mueller H-15425

33 14 13 39-0042	EA			1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	33.05	
33 14 13 39-0043	EA			3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	33.47	
33 14 13 39-0044	EA			1" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	44.68	
33 14 13 39-0045	EA			1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	67.03	
33 14 13 39-0046	EA			1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	90.29	
33 14 13 39-0047	EA			2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	141.90	

33 14 13 39-0048 Brass Fittings (33 14 13 39)

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0049			Brass Compression Reducer Coupling (33 14 13 39-0048)		
33 14 13 39-0050	EA		3/4" x 1" Brass Compression Reducer Coupling.....	38.12	13.80
33 14 13 39-0051	EA		1" x 3/4" Brass Compression Reducer Coupling.....	31.95	13.80
33 14 13 39-0052	EA		1-1/2" x 1" Brass Compression Reducer Coupling.....	62.15	20.96
33 14 13 39-0053	EA		2" x 1-1/2" Brass Compression Reducer Coupling.....	77.37	26.59
33 14 13 39-0054			Copper Compression x Male NPT Brass Coupling (33 14 13 39-0048)		
			Note: A. Y. McDonald 74753Q		
33 14 13 39-0055	EA		3/4" Copper Compression x Male NPT Brass Coupling.....	40.26	15.34
33 14 13 39-0056	EA		3/4" x 1" Copper Compression x Male NPT Brass Coupling.....	46.26	17.90
33 14 13 39-0057	EA		1" Copper Compression x Male NPT Brass Coupling.....	47.16	17.90
33 14 13 39-0058	EA		1" x 3/4" Copper Compression x Male NPT Brass Coupling.....	46.41	17.90
33 14 13 39-0059	EA		1-1/4" Copper Compression x Male NPT Brass Coupling.....	60.78	20.45
33 14 13 39-0060	EA		1-1/4" x 1" Copper Compression x Male NPT Brass Coupling.....	59.44	20.45
33 14 13 39-0061	EA		1-1/2" Copper Compression x Male NPT Brass Coupling.....	79.59	25.57
33 14 13 39-0062	EA		2" Copper Compression x Male NPT Brass Coupling.....	102.84	30.68
33 14 13 39-0063			Brass Nipples (33 14 13 39-0048)		
33 14 13 39-0064	EA		3/4" x 6" Long Brass Nipple.....	27.56	6.39
33 14 13 39-0065	EA		1" x 6" Long Brass Nipple.....	35.33	6.91
33 14 13 39-0066	EA		1-1/2" x 6" Long Brass Nipple.....	52.67	7.42
33 14 13 39-0067			Brass "H" Style Meter Insetters (33 14 13 39-0048)		
33 14 13 39-0068	EA		5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters.....	246.10	28.25
33 14 13 39-0069	EA		5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters.....	155.84	28.25
33 14 13 39-0070			Meter Setters - Resetter, Brass (33 14 13 39-0048)		
33 14 13 39-0071	EA		1" Meter, 10" High Brass Meter Setter - Resetter.....	661.01	28.25
			Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		
33 14 13 43			Public Water Utility Distribution Piping Coatings And Wraps (33 14 13)		
33 14 13 43-0001			Pipe Coatings (33 14 13 43)		
33 14 13 43-0002			Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating (33 14 13 43-0001)		
			Note: Applied at fabrication shop.		
33 14 13 43-0003	LF		12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	4.04	
33 14 13 43-0004	LF		14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	5.37	
33 14 13 43-0005	LF		16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.13	
33 14 13 43-0006	LF		18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.44	
33 14 13 43-0007	LF		20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.94	
33 14 13 43-0008	LF		24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	8.08	
33 14 13 43-0009	LF		30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	10.61	
33 14 13 43-0010	LF		36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	16.76	
33 14 13 43-0011			Cement Coating With Fiberglass Or Wire Mesh Reinforcing (33 14 13 43-0001)		
			Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0012	LF		4" Diameter Cement Coated Pipe 1" To 2" Mesh.....	8.18	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0013	LF		6" Diameter Cement Coated Pipe 1" To 2" Mesh.....	10.07	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0014	LF		8" Diameter Cement Coated Pipe 1" To 2" Mesh.....	12.59	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0015	LF		10" Diameter Cement Coated Pipe 1" To 2" Mesh.....	14.02	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0016	LF		12" Diameter Cement Coated Pipe 1" To 2" Mesh.....	15.84	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0017	LF		14" Diameter Cement Coated Pipe 1" To 2" Mesh.....	18.53	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0018	LF		16" Diameter Cement Coated Pipe 1" To 2" Mesh.....	21.05	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0019	LF		18" Diameter Cement Coated Pipe 1" To 2" Mesh.....	23.75	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0020	LF		20" Diameter Cement Coated Pipe 1" To 2" Mesh.....	26.40	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0021	LF		24" Diameter Cement Coated Pipe 1" To 2" Mesh.....	31.67	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0022	LF		30" Diameter Cement Coated Pipe 1" To 2" Mesh.....	39.59	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0023	LF		36" Diameter Cement Coated Pipe 1" To 2" Mesh.....	47.51	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0024	LF		42" Diameter Cement Coated Pipe 1" To 2" Mesh.....	25.10	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0025	LF		48" Diameter Cement Coated Pipe 1" To 2" Mesh.....	28.68	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0026	LF		54" Diameter Cement Coated Pipe 1" To 2" Mesh.....	32.27	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0027	LF		60" Diameter Cement Coated Pipe 1" To 2" Mesh.....	35.85	
			Note: Reinforcing applied at fabrication shop.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 43-0028	LF	66"	Diameter Cement Coated Pipe 1" To 2" Mesh39.44	39.44	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0029	LF	72"	Diameter Cement Coated Pipe 1" To 2" Mesh .....43.02	43.02	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0030	LF	78"	Diameter Cement Coated Pipe 1" To 2" Mesh .....46.61	46.61	
			Note: Reinforcing applied at fabrication shop.		

33 14 13 43-0031 Pipe Lining (33 14 13 43)
33 14 13 43-0032 Cement Pipe Lining (33 14 13 43-0031)

Note: Shop applied.					
33 14 13 43-0033	LF	4"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....11.86	11.86	
			<i>For 1/2" Thick, Add</i>	1.09	
33 14 13 43-0034	LF	6"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....14.73	14.73	
			<i>For 1/2" Thick, Add</i>	1.34	
33 14 13 43-0035	LF	8"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....18.01	18.01	
			<i>For 1/2" Thick, Add</i>	1.68	
33 14 13 43-0036	LF	10"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....23.32	23.32	
			<i>For 1/2" Thick, Add</i>	2.10	
33 14 13 43-0037	LF	12"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....28.66	28.66	
			<i>For 1/2" Thick, Add</i>	2.52	
33 14 13 43-0038	LF	14"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....36.42	36.42	
			<i>For 1/2" Thick, Add</i>	2.95	
33 14 13 43-0039	LF	16"	Outside Diameter, 1/4" Thick Cement Pipe Lining.....46.84	46.84	
			<i>For 1/2" Thick, Add</i>	3.35	
33 14 13 43-0040	LF	18"	Outside Diameter, 5/16" Thick Cement Pipe Lining.....55.81	55.81	
			<i>For 1/2" Thick, Add</i>	3.22	
33 14 13 43-0041	LF	20"	Outside Diameter, 5/16" Thick Cement Pipe Lining.....67.14	67.14	
			<i>For 1/2" Thick, Add</i>	3.58	
33 14 13 43-0042	LF	24"	Outside Diameter, 5/16" Thick Cement Pipe Lining.....81.37	81.37	
			<i>For 1/2" Thick, Add</i>	4.29	
33 14 13 43-0043	LF	30"	Outside Diameter, 5/16" Thick Cement Pipe Lining.....98.10	98.10	
			<i>For 1/2" Thick, Add</i>	5.36	
33 14 13 43-0044	LF	36"	Outside Diameter, 5/16" Thick Cement Pipe Lining.....118.05	118.05	
			<i>For 1/2" Thick, Add</i>	6.43	
33 14 13 43-0045	LF	42"	Outside Diameter, 3/8" Thick Cement Pipe Lining.....137.74	137.74	
			<i>For 1/2" Thick, Add</i>	5.52	
33 14 13 43-0046	LF	48"	Outside Diameter, 3/8" Thick Cement Pipe Lining.....157.37	157.37	
			<i>For 1/2" Thick, Add</i>	6.31	
33 14 13 43-0047	LF	54"	Outside Diameter, 3/8" Thick Cement Pipe Lining.....177.06	177.06	
			<i>For 1/2" Thick, Add</i>	7.10	
33 14 13 43-0048	LF	60"	Outside Diameter, 3/8" Thick Cement Pipe Lining.....196.77	196.77	
			<i>For 1/2" Thick, Add</i>	7.89	
33 14 13 43-0049	LF	66"	Outside Diameter, 7/16" Thick Cement Pipe Lining.....216.39	216.39	
			<i>For 1/2" Thick, Add</i>	4.63	
33 14 13 43-0050	LF	72"	Outside Diameter, 7/16" Thick Cement Pipe Lining.....236.09	236.09	
			<i>For 1/2" Thick, Add</i>	5.05	
33 14 13 43-0051	LF	78"	Outside Diameter, 7/16" Thick Cement Pipe Lining.....255.79	255.79	
			<i>For 1/2" Thick, Add</i>	5.47	

33 14 13 43-0052 Cement Fitting Lining (33 14 13 43-0031)

Note: Shop applied.					
33 14 13 43-0053	EA	4"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....11.86	11.86	
			<i>For 1/2" Thick, Add</i>	1.09	
33 14 13 43-0054	EA	6"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....14.73	14.73	
			<i>For 1/2" Thick, Add</i>	1.34	
33 14 13 43-0055	EA	8"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....22.94	22.94	
			<i>For 1/2" Thick, Add</i>	2.18	
33 14 13 43-0056	EA	10"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....37.63	37.63	
			<i>For 1/2" Thick, Add</i>	3.36	
33 14 13 43-0057	EA	12"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....57.30	57.30	
			<i>For 1/2" Thick, Add</i>	5.05	
33 14 13 43-0058	EA	14"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....84.49	84.49	
			<i>For 1/2" Thick, Add</i>	6.79	
33 14 13 43-0059	EA	16"	Outside Diameter, 1/4" Thick Cement Fitting Lining .....123.81	123.81	
			<i>For 1/2" Thick, Add</i>	8.72	
33 14 13 43-0060	EA	18"	Outside Diameter, 5/16" Thick Cement Fittings Lining .....167.44	167.44	
			<i>For 1/2" Thick, Add</i>	9.65	
33 14 13 43-0061	EA	20"	Outside Diameter, 5/16" Thick Cement Fitting Lining .....223.69	223.69	
			<i>For 1/2" Thick, Add</i>	11.91	
33 14 13 43-0062	EA	24"	Outside Diameter, 5/16" Thick Cement Fitting Lining .....325.47	325.47	
			<i>For 1/2" Thick, Add</i>	17.16	

33 14 13 43-0063 8 Mil Polyethylene Encasement Tubing (33 14 13 43)

Note: ANSI/AWWA C105/A21.5-99 section 4.2.					
33 14 13 43-0064	LF	3" To 8"	Diameter, 8 Mil Polyethylene Encasement Tubing.....0.85	0.85	
33 14 13 43-0065	LF	10" To 12"	Diameter, 8 Mil Polyethylene Encasement Tubing.....1.40	1.40	
33 14 13 43-0066	LF	14" To 16"	Diameter, 8 Mil Polyethylene Encasement Tubing.....1.75	1.75	
33 14 13 43-0067	LF	18" To 20"	Diameter, 8 Mil Polyethylene Encasement Tubing.....2.22	2.22	
33 14 13 43-0068	LF	24"	Diameter, 8 Mil Polyethylene Encasement Tubing .....3.08	3.08	
33 14 13 43-0069	LF	30"	Diameter, 8 Mil Polyethylene Encasement Tubing .....3.98	3.98	
33 14 13 43-0070	LF	36" To 42"	Diameter, 8 Mil Polyethylene Encasement Tubing.....5.06	5.06	
33 14 13 43-0071	LF	48"	Diameter, 8 Mil Polyethylene Encasement Tubing .....6.02	6.02	
33 14 13 43-0072	LF	54"	Diameter, 8 Mil Polyethylene Encasement Tubing .....7.18	7.18	
33 14 13 43-0073	LF	60"	Diameter, 8 Mil Polyethylene Encasement Tubing7.99	7.99	

MINOR	CSI	UOM	DESCRIPTION
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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters (33 14 13)

33 14 13 53-0001	EA	Double Stud Stainless Steel Service Saddles (33 14 13 53) Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.	
33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	227.82
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	326.53
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	336.61
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	275.26
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	348.61
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	287.17
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	364.78
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	324.79
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	384.23
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	338.32
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	395.06

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles (33 14 13 53)

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	186.13
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	186.27
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	198.12
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	189.71
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	203.04
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	225.51
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	239.95
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	218.74
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	241.41
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	253.55
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	230.70
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	254.14
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	266.21
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	243.14
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	265.85
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	277.75
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	417.79
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	427.86
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	264.02
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	291.74
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	302.71
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	497.22
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	297.35
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	330.87
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	557.47
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	324.56
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	360.07
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	372.73
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	624.56
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	382.15
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	409.69
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	442.19
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	773.78
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	392.22
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	449.46
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	468.22
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	832.91
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	409.91
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	469.31
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	488.59
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	866.92
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	455.80
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	529.57
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	522.71
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	579.73
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	546.16
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	618.56

33 14 13 53-0061 Double Bale Bronze Service Saddles (33 14 13 53)

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	262.22
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	287.41
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	298.52
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	323.96
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	334.09

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	351.14	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	321.81	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	342.72	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	413.98	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	448.65	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	635.09	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	719.86	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	740.72	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	829.12	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle (33 14 13 53)

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	276.60	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	305.56	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	315.50	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	343.37	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	355.09	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	373.27	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	401.86	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	430.67	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	433.23	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	470.37	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	682.78	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	787.30	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	797.30	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	870.19	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,171.74	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,171.74	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,219.00	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,219.00	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,307.87	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	1,307.87	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve (33 14 13 53)

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,265.22	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,526.12	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,828.03	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	1,937.47	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	2,987.42	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,141.53	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,206.24	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,138.50	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,292.01	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,669.54	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	3,763.53	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,380.50	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,554.26	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,631.03	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,662.65	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,907.62	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,892.77	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,912.93	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,107.39	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,151.36	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,200.01	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,133.76	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,550.07	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,632.50	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,074.67	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,192.60	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,556.87	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,974.88	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,634.65	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,801.78	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,865.55	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,193.01	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	12,510.66	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	12,748.56	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,862.22	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,010.68	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,052.17	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	15,404.99	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	15,601.76	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	15,642.06	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	16,073.56	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	16,275.98	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,044.08	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,101.82	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,208.64	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,237.89	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,289.79	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,491.64	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,347.87	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,398.32	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,575.42	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,211.92	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,510.82	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,586.10	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,760.35	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,330.24	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,549.40	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,004.90	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,066.72	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,443.70	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,911.74	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,215.15	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,388.62	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,452.51	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,701.17	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,371.75	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,528.17	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,519.25	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,637.21	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,802.12	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,591.69	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,747.93	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,053.35	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,117.10	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,490.57	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,123.95	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,391.14	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,288.09	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,431.03	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,625.00	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,525.11	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,688.13	

33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,216.89	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,320.08	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,398.83	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,420.46	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,511.59	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,789.17	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,630.52	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,731.85	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,980.37	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,701.72	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,857.81	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,996.94	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,326.14	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,755.84	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,083.73	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,119.23	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,290.51	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,661.52	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,091.65	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,317.88	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,596.30	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,831.43	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,009.98	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,472.66	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,785.66	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,854.47	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,207.24	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,393.68	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,799.94	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,338.31	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,073.15	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,425.00	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,575.98	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,334.31	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,755.20	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,653.67	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,701.41	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,882.99	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,788.71	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,270.85	

33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter (33 14 13 53)

33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	309.52	54.89
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	387.78	69.20
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	509.39	95.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0226	EA		8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	661.45	112.16
33 14 13 53-0227	EA		10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,044.30	126.48
33 14 13 53-0228	EA		12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,166.42	143.18
33 14 13 53-0229			Steel Body, Flanged Coupling Adapter (33 14 13 53)		
33 14 13 53-0230	EA		3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	454.48	54.89
33 14 13 53-0231	EA		4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	536.93	69.20
33 14 13 53-0232	EA		6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	716.57	95.45
33 14 13 53-0233	EA		8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	877.07	112.16
33 14 13 53-0234	EA		10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,071.96	126.48
33 14 13 53-0235	EA		12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,249.60	143.18
33 14 13 53-0236	EA		14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,486.04	157.50
33 14 13 53-0237	EA		16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,761.64	171.81
33 14 13 53-0238	EA		18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,081.99	189.00
33 14 13 53-0239	EA		20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,462.06	207.90
33 14 13 53-0240			Steel Body, Flanged-Lock Restrained Coupling Adapters (33 14 13 53)		
33 14 13 53-0241	EA		4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	397.47	69.20
33 14 13 53-0242	EA		6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	533.32	95.45
33 14 13 53-0243	EA		8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	589.84	112.16
33 14 13 53-0244	EA		10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	865.27	126.48
33 14 13 53-0245	EA		12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,104.01	143.18
33 14 13 53-0246	EA		14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,238.60	157.50
33 14 13 53-0247	EA		16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,457.42	171.81
33 14 13 53-0248	EA		18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,635.97	189.00
33 14 13 53-0249	EA		20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,968.20	207.90
33 14 13 53-0250	EA		24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,373.32	228.71
33 14 13 53-0251	EA		30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	4,967.54	251.52
33 14 13 53-0252	EA		36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	6,710.94	276.72
33 14 13 53-0253			Ductile Iron Body, Omni Coupling System (33 14 13 53)		
33 14 13 53-0254	EA		2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	138.49	38.18
33 14 13 53-0255	EA		2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	171.02	45.34
33 14 13 53-0256	EA		3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	211.85	54.89
33 14 13 53-0257	EA		4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	266.02	69.20
33 14 13 53-0258	EA		6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	354.57	95.45
33 14 13 53-0259	EA		8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	431.20	112.16
33 14 13 53-0260	EA		10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	540.19	126.48
33 14 13 53-0261	EA		12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	632.22	143.18
33 14 13 53-0262	EA		14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	893.60	157.50
33 14 13 53-0263	EA		16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	1,117.42	171.81
33 14 19			Valves and Hydrants for Water Utility Service (33 14)		
Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0669 for bolt and gasket sets.					
33 14 19 00-0001			Roadway Utility Box (33 14 19)		
33 14 19 00-0002			Utility Box (33 14 19 00-0001)		
Note: Christy Concrete Products.					
33 14 19 00-0003			B3 Utility Box, 9-3/8" x 15-1/2" (33 14 19 00-0002)		
33 14 19 00-0004	EA		9-3/8" x 15-1/2" Precast Concrete Utility Box.....	73.34	46.42
33 14 19 00-0005	EA		Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box.....	54.94	5.16
33 14 19 00-0006	EA		Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box.....	26.01	5.16
33 14 19 00-0007	EA		Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box.....	113.75	5.16
33 14 19 00-0008	EA		12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box.....	40.00	10.31
33 14 19 00-0009	EA		3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box.....	52.79	10.31
33 14 19 00-0010			B9 Utility Box, 10-1/4" x 17-1/4" (33 14 19 00-0002)		
33 14 19 00-0011	EA		10-1/4" x 17-1/4" Precast Concrete Utility Box.....	91.87	61.88
33 14 19 00-0012	EA		Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box.....	64.51	6.19
33 14 19 00-0013	EA		Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box.....	29.35	6.19
33 14 19 00-0014	EA		Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box.....	119.07	5.16
33 14 19 00-0015	EA		13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box.....	43.52	10.31
33 14 19 00-0016	EA		5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box.....	60.02	15.47
33 14 19 00-0017	EA		12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box.....	81.60	28.36
33 14 19 00-0018			B12 Utility Box, 12" x 20" (33 14 19 00-0002)		
33 14 19 00-0019	EA		12" x 20" Precast Concrete Utility Box.....	100.49	67.04
33 14 19 00-0020	EA		Cast Iron Lid For 12" x 20" Utility Box.....	112.60	7.73
33 14 19 00-0021	EA		Reinforced Concrete Lid For 12" x 20" Utility Box.....	41.47	10.31
33 14 19 00-0022	EA		Steel Checkered Plate Cover For 12" x 20" Utility Box.....	163.67	10.31
33 14 19 00-0023	EA		12" High Reinforced Concrete Extension For 12" x 20" Utility Box.....	105.48	36.10
33 14 19 00-0024			B16 Utility Box, 12" x 22-1/4" (33 14 19 00-0002)		
33 14 19 00-0025	EA		12" x 22-1/4" Precast Concrete Utility Box.....	116.30	78.38
33 14 19 00-0026	EA		Cast Iron Lid For 12" x 22-1/4" Utility Box.....	128.87	10.31
33 14 19 00-0027	EA		Reinforced Concrete Lid For 12" x 22-1/4" Utility Box.....	48.72	10.31

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 14 19 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	164.53		10.31
33 14 19 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	71.60		17.53
33 14 19 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	106.68		36.10
33 14 19 00-0031		B30 Utility Box, 13-1/4" x 24" <small>(33 14 19 00-0002)</small>			
33 14 19 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	139.26		92.82
33 14 19 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	68.35		16.50
33 14 19 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	204.09		13.41
33 14 19 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	71.60		17.53
33 14 19 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	111.79		28.87
33 14 19 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	84.23		19.59
33 14 19 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	137.85		46.42
33 14 19 00-0039		B36 Utility Box, 17-1/4" x 30" <small>(33 14 19 00-0002)</small>			
33 14 19 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	180.06		117.58
33 14 19 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	112.91		28.36
33 14 19 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	258.77		19.59
33 14 19 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	113.80		37.13
33 14 19 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	170.08		41.26
33 14 19 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	181.81		59.82
33 14 19 00-0046		B40 Utility Box, 24-1/2" x 36" <small>(33 14 19 00-0002)</small>			
33 14 19 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	340.37		181.53
33 14 19 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	299.01		68.07
33 14 19 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	369.70		29.91
33 14 19 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	253.12		63.95
33 14 19 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	267.71		67.04
33 14 19 00-0052		B48 Utility Box, 30-1/4" x 48-1/4" <small>(33 14 19 00-0002)</small>			
33 14 19 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	452.73		206.28
33 14 19 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	431.54		112.43
33 14 19 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	513.54		112.43
33 14 19 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	589.69		51.57
33 14 19 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	416.12		139.24
33 14 19 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	342.35		93.85
33 14 19 00-0059		Water Utility Distribution Valves <small>(33 14 19)</small>			
33 14 19 00-0060		Angle Valves <small>(33 14 19 00-0059)</small>			
		Note: For connecting meters to water service.			
33 14 19 00-0061		Threaded, Class 150, Bronze Angle Valve <small>(33 14 19 00-0060)</small>			
		Note: Nibco T-335Y			
33 14 19 00-0062	EA	1/2" Threaded, Class 150, Bronze Angle Valve	91.01		16.37
33 14 19 00-0063	EA	3/4" Threaded, Class 150, Bronze Angle Valve	122.75		21.99
33 14 19 00-0064	EA	1" Threaded, Class 150, Bronze Angle Valve	165.27		27.11
33 14 19 00-0065	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	212.78		34.05
33 14 19 00-0066	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	265.63		39.37
33 14 19 00-0067	EA	2" Threaded, Class 150, Bronze Angle Valve	395.98		46.03
33 14 19 00-0068	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	633.94		62.81
33 14 19 00-0069	EA	3" Threaded, Class 150, Bronze Angle Valve	961.78		72.52
33 14 19 00-0070		Butterfly Valves <small>(33 14 19 00-0059)</small>			
33 14 19 00-0071		Lug Type Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valves <small>(33 14 19 00-0070)</small>			
33 14 19 00-0072	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-HD8)	1,582.60		173.86
33 14 19 00-0073	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-CW8)	1,756.60		173.86
33 14 19 00-0074	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-HD8)	1,718.33		269.06
33 14 19 00-0075	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-CW8)	1,892.33		269.06
33 14 19 00-0076	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-HD8)	1,973.67		317.79
33 14 19 00-0077	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-CW8)	2,147.67		317.79
33 14 19 00-0078	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,Ci,NBRN-NBR,150B,Ci-S2*GS-6B-HD8)	2,238.43		406.07

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 19 00-0079	EA			8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8).....	2,411.43	406.07
33 14 19 00-0080	EA			10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8).....	2,804.93	494.35
33 14 19 00-0081	EA			10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8).....	2,804.93	494.35
33 14 19 00-0082	EA			12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8).....	3,217.01	599.20
33 14 19 00-0083	EA			12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8).....	3,391.01	599.20
33 14 19 00-0084	EA			14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12).....	4,294.65	823.73
33 14 19 00-0085	EA			14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12).....	4,749.65	823.73
33 14 19 00-0086	EA			16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16).....	4,994.62	906.10
33 14 19 00-0087	EA			16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20).....	5,552.62	906.10
33 14 19 00-0088	EA			18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24).....	6,242.18	1,004.94
33 14 19 00-0089	EA			18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24).....	6,833.18	1,004.94
33 14 19 00-0090	EA			20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24).....	7,150.78	1,132.62
33 14 19 00-0091	EA			20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24).....	7,740.78	1,132.62
33 14 19 00-0092	EA			24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-HD30).....	11,603.54	1,390.04
33 14 19 00-0093	EA			24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-CW20).....	11,639.54	1,390.04
33 14 19 00-0094	EA			30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24).....	24,045.01	2,215.21
33 14 19 00-0095	EA			36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24).....	28,419.02	2,953.62
33 14 19 00-0096	EA			42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32).....	35,887.03	4,430.42
33 14 19 00-0097	EA			48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24).....	48,826.54	5,538.03

33 14 19 00-0098
Check Valves (33 14 19 00-0098)
33 14 19 00-0099
Flanged, Swing Type Gravity Operated Check Valves (33 14 19 00-0099)

Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.

33 14 19 00-0100	EA			2-1/2" Flanged, Swing Type Gravity Operated Check Valve.....	783.92	136.55
33 14 19 00-0101	EA			3" Flanged, Swing Type Gravity Operated Check Valve.....	813.07	160.10
33 14 19 00-0102	EA			4" Flanged, Swing Type Gravity Operated Check Valve.....	1,158.06	202.47
33 14 19 00-0103	EA			4" x 6" Flanged, Swing Type Gravity Operated Check Valve.....	1,564.18	304.66
33 14 19 00-0104	EA			4" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,632.75	340.24
33 14 19 00-0105	EA			6" Flanged, Swing Type Gravity Operated Check Valve.....	1,562.05	339.03
33 14 19 00-0106	EA			6" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	2,021.21	385.38
33 14 19 00-0107	EA			6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	2,119.02	433.21
33 14 19 00-0108	EA			8" Flanged, Swing Type Gravity Operated Check Valve.....	2,202.00	433.21
33 14 19 00-0109	EA			10" Flanged, Swing Type Gravity Operated Check Valve.....	3,644.65	527.38
33 14 19 00-0110	EA			12" Flanged, Swing Type Gravity Operated Check Valve.....	5,464.33	395.53
33 14 19 00-0111	EA			14" Flanged, Swing Type Gravity Operated Check Valve.....	7,639.50	823.73
33 14 19 00-0112	EA			16" Flanged, Swing Type Gravity Operated Check Valve.....	10,091.09	906.10
33 14 19 00-0113	EA			18" Flanged, Swing Type Gravity Operated Check Valve.....	14,524.68	1,004.94
33 14 19 00-0114	EA			20" Flanged, Swing Type Gravity Operated Check Valve.....	16,896.68	1,132.62

33 14 19 00-0115
Combination Air Release Valves (33 14 19 00-0115)

33 14 19 00-0116	EA			1" Combination Air Release Valve.....	436.89	19.77
33 14 19 00-0117	EA			2" Combination Air Release Valve.....	706.05	33.90

33 14 19 00-0118
Corporation Stop And Curb Valve (33 14 19 00-0118)

Note: AWWA C800

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0119			Ball Corporation Valves (33 14 19 00-0118) Note: Mueller B-25000.		
33 14 19 00-0120	EA		3/4" Ball Corporation Valve (Mueller B-25000)	74.44	19.77
33 14 19 00-0121	EA		1" Ball Corporation Valve (Mueller B-25000)	93.50	24.48
33 14 19 00-0122	EA		1-1/2" Ball Corporation Valve (Mueller B-25000)	166.82	35.79
33 14 19 00-0123	EA		2" Ball Corporation Valve (Mueller B-25000)	250.41	42.38
33 14 19 00-0124			Gate Valve, AWWA C500 And C509 (33 14 19 00-0059)		
33 14 19 00-0125			Gate Valve, Flanged (33 14 19 00-0124) Note: Mueller A-2380-6.		
33 14 19 00-0126	EA		2" Gate Valve, Flanged	502.64	125.53
33 14 19 00-0127	EA		2-1/2" Gate Valve, Flanged	583.98	136.55
33 14 19 00-0128	EA		3" Gate Valve, Flanged	690.21	160.10
33 14 19 00-0129	EA		4" Gate Valve, Flanged	948.56	200.59
33 14 19 00-0130	EA		6" Gate Valve, Flanged	1,157.03	339.03
33 14 19 00-0131	EA		8" Gate Valve, Flanged	1,681.60	433.21
33 14 19 00-0132	EA		10" Gate Valve, Flanged	2,476.30	527.38
33 14 19 00-0133	EA		12" Gate Valve, Flanged	2,984.94	395.53
33 14 19 00-0134	EA		14" Gate Valve, Flanged	6,269.18	823.73
33 14 19 00-0135	EA		16" Gate Valve, Flanged	8,134.17	906.10
33 14 19 00-0136	EA		18" Gate Valve, Flanged	12,716.51	1,004.94
33 14 19 00-0137	EA		20" Gate Valve, Flanged	15,179.86	1,132.62
33 14 19 00-0138			Resilient Wedge Gate Valve, Flanged (33 14 19 00-0124) Note: Mueller A-2360-6.		
33 14 19 00-0139	EA		2" Resilient Wedge Gate Valve, Flanged	483.09	125.53
33 14 19 00-0140	EA		2-1/2" Resilient Wedge Gate Valve, Flanged	560.62	136.55
33 14 19 00-0141	EA		3" Resilient Wedge Gate Valve, Flanged	662.48	160.10
33 14 19 00-0142	EA		4" Resilient Wedge Gate Valve, Flanged	917.57	200.59
33 14 19 00-0143	EA		6" Resilient Wedge Gate Valve, Flanged	1,115.60	339.03
33 14 19 00-0144	EA		8" Resilient Wedge Gate Valve, Flanged	1,616.88	433.21
33 14 19 00-0145	EA		10" Resilient Wedge Gate Valve, Flanged	2,373.46	527.38
33 14 19 00-0146	EA		12" Resilient Wedge Gate Valve, Flanged	2,860.77	395.53
33 14 19 00-0147			Gate Valve, Mechanical Joint (33 14 19 00-0124) Note: Mueller A-2380-20.		
33 14 19 00-0148	EA		2" Gate Valve, Mechanical Joint	594.97	100.30
33 14 19 00-0149	EA		2-1/2" Gate Valve, Mechanical Joint	656.24	125.72
33 14 19 00-0150	EA		3" Gate Valve, Mechanical Joint	820.56	152.09
33 14 19 00-0151	EA		4" Gate Valve, Mechanical Joint	991.83	200.59
33 14 19 00-0152	EA		6" Gate Valve, Mechanical Joint	1,235.43	235.44
33 14 19 00-0153	EA		8" Gate Valve, Mechanical Joint	1,754.49	282.52
33 14 19 00-0154	EA		10" Gate Valve, Mechanical Joint	2,507.69	329.61
33 14 19 00-0155	EA		12" Gate Valve, Mechanical Joint	3,127.46	395.53
33 14 19 00-0156	EA		14" Gate Valve, Mechanical Joint	6,637.28	504.53
33 14 19 00-0157	EA		16" Gate Valve, Mechanical Joint	8,532.37	566.31
33 14 19 00-0158	EA		18" Gate Valve, Mechanical Joint	13,429.69	628.09
33 14 19 00-0159	EA		20" Gate Valve, Mechanical Joint	15,949.43	707.89
33 14 19 00-0160			Resilient Wedge Gate Valve, Mechanical Joint (33 14 19 00-0124) Note: Mueller A-2360-20.		
33 14 19 00-0161	EA		2" Resilient Wedge Gate Valve, Mechanical Joint	572.65	100.30
33 14 19 00-0162	EA		3" Resilient Wedge Gate Valve, Mechanical Joint	791.33	152.09
33 14 19 00-0163	EA		4" Resilient Wedge Gate Valve, Mechanical Joint	958.39	200.59
33 14 19 00-0164	EA		6" Resilient Wedge Gate Valve, Mechanical Joint	1,192.16	235.44
33 14 19 00-0165	EA		8" Resilient Wedge Gate Valve, Mechanical Joint	1,687.17	282.52
33 14 19 00-0166	EA		10" Resilient Wedge Gate Valve, Mechanical Joint	2,403.06	329.61
33 14 19 00-0167	EA		12" Resilient Wedge Gate Valve, Mechanical Joint	2,995.19	395.53
33 14 19 00-0168			Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint (33 14 19 00-0124) Note: Mueller A-2361.		
33 14 19 00-0169	EA		14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	5,041.93	823.73
33 14 19 00-0170	EA		16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	5,485.69	906.10
33 14 19 00-0171	EA		18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,380.22	1,004.94
33 14 19 00-0172	EA		20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	9,973.88	1,132.62
33 14 19 00-0173	EA		24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	14,073.54	1,390.04
33 14 19 00-0174			Gate Valve, Threaded, WW-V-51 Class A, Type 1 (33 14 19 00-0124) Note: NIBCO T-113.		
33 14 19 00-0175	EA		1/4" Gate Valve, Bronze, Threaded	53.18	16.47
33 14 19 00-0176	EA		3/8" Gate Valve, Bronze, Threaded	54.75	16.47
33 14 19 00-0177	EA		1/2" Gate Valve, Bronze, Threaded	54.17	16.47
33 14 19 00-0178	EA		3/4" Gate Valve, Bronze, Threaded	69.71	22.24
33 14 19 00-0179	EA		1" Gate Valve, Bronze, Threaded	85.97	26.89
33 14 19 00-0180	EA		1-1/4" Gate Valve, Bronze, Threaded	117.00	34.05
33 14 19 00-0181	EA		1-1/2" Gate Valve, Bronze, Threaded	135.77	39.37
33 14 19 00-0182	EA		2" Gate Valve, Bronze, Threaded	164.82	46.03
33 14 19 00-0183	EA		2-1/2" Gate Valve, Bronze, Threaded	318.97	62.81

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 19 00-0184	EA	3" Gate Valve, Bronze, Threaded	382.49	72.04
33 14 19 00-0185		Globe Valve, AWWA (33 14 19 00-0059)		
33 14 19 00-0186		Globe Valve, Threaded, WW-V-51 Class B, Type 1 (33 14 19 00-0185)		
		Note: NIBCO T-235.		
33 14 19 00-0187	EA	1/8" Globe Valve, Threaded.....	75.48	16.47
33 14 19 00-0188	EA	1/4" Globe Valve, Threaded.....	72.32	16.47
33 14 19 00-0189	EA	3/8" Globe Valve, Threaded.....	73.89	16.47
33 14 19 00-0190	EA	1/2" Globe Valve, Threaded.....	75.48	16.47
33 14 19 00-0191	EA	3/4" Globe Valve, Threaded.....	102.51	22.24
33 14 19 00-0192	EA	1" Globe Valve, Threaded.....	144.05	26.89
33 14 19 00-0193	EA	1-1/4" Globe Valve, Threaded	210.87	34.05
33 14 19 00-0194	EA	1-1/2" Globe Valve, Threaded	251.79	39.37
33 14 19 00-0195	EA	2" Globe Valve, Threaded.....	351.75	46.03
33 14 19 00-0196	EA	2-1/2" Globe Valve, Threaded	646.80	62.81
33 14 19 00-0197	EA	3" Globe Valve, Threaded.....	886.22	72.42
33 14 19 00-0198		Tapping Valve, AWWA C500 And C509 (33 14 19 00-0059)		
33 14 19 00-0199		Tapping Valve, AWWA C500 And C509 (33 14 19 00-0198)		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0200	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	689.01	125.53
33 14 19 00-0201	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	887.13	160.10
33 14 19 00-0202	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,138.78	200.59
33 14 19 00-0203	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,447.71	339.03
33 14 19 00-0204	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,054.40	433.21
33 14 19 00-0205	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,929.34	527.38
33 14 19 00-0206	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	4,260.61	395.53
33 14 19 00-0207	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	7,581.33	823.73
33 14 19 00-0208	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	9,523.63	906.10
33 14 19 00-0209	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	15,180.25	1,004.94
33 14 19 00-0210		Accessories For Valves (33 14 19)		
33 14 19 00-0211	EA	1" Valve Extension Stem	83.57	
		For Each Additional LF, Add	5.73	
33 14 19 00-0212	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly	1,012.99	94.17
		Note: Excludes valve.		
33 14 19 00-0213	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly	1,146.99	103.59
		Note: Excludes valve.		
33 14 19 00-0214	EA	Adjust Water Valve Box To Grade.....	94.17	
33 14 19 00-0215		Roadway Or Curb Valve Boxes (33 14 19)		
		See CSI section 22 05 19 00-0000 for metering.		
33 14 19 00-0216		Round Head, Cast Iron Service, Roadway Or Valve Boxes (33 14 19 00-0215)		
33 14 19 00-0217	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	179.93	12.43
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0218	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	208.32	12.43
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0219	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	209.63	12.43
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0220	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	54.98	6.22
33 14 19 00-0221	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	62.49	6.22
33 14 19 00-0222	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	73.80	6.22
33 14 19 00-0223	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box.....	270.18	15.54
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0224	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	466.11	21.75
		Note: Includes cover, top section, bottom section and #6 round base.		
33 14 19 00-0225	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	519.05	21.75
		Note: Includes cover, top section, bottom section and #6 round base.		
33 14 19 00-0226	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	280.69	15.54
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0227	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	293.34	15.54
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0228	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	283.67	15.54
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0229	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	103.02	6.22
33 14 19 00-0230	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	175.65	25.57
33 14 19 00-0231	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	181.39	26.59
33 14 19 00-0232	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	201.83	27.62
33 14 19 00-0233	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	274.63	29.15
33 14 19 00-0234	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	330.33	30.68
33 14 19 00-0235	EA	18" Cast Iron Service Box Extension Section	76.88	
33 14 19 00-0236		Plastic Roadway Grade Water Meter Box And Cover (33 14 19 00-0215)		
33 14 19 00-0237	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	253.33	35.79
33 14 19 00-0238	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	190.32	25.57
33 14 19 00-0239	EA	Cast Iron Lid For Plastic Meter Box	56.39	
33 14 19 00-0240		Traffic Valve Box And Lid (33 14 19 00-0215)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 19 00-0313	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	2,971.89	286.90
33 14 19 00-0314	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,037.29	286.90
33 14 19 00-0315	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,124.86	308.97
33 14 19 00-0316	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,190.09	308.97
33 14 19 00-0317	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,277.59	331.03
33 14 19 00-0318	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,365.18	353.11
33 14 19 00-0319	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,473.92	397.24

33 14 19 00-0320 Fire Hydrant Extension Kits (33 14 19 00-0243)

33 14 19 00-0321	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	535.47	22.07
33 14 19 00-0322	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	635.10	27.58
33 14 19 00-0323	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	690.18	33.11
33 14 19 00-0324	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	781.81	40.83
33 14 19 00-0325	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,196.65	42.49
33 14 19 00-0326	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,279.13	44.14
33 14 19 00-0327	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,297.30	46.35
33 14 19 00-0328	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,369.63	49.66
33 14 19 00-0329	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,505.91	59.58
33 14 19 00-0330	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,581.76	71.72
33 14 19 00-0331	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	595.91	24.71
33 14 19 00-0332	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	704.22	30.02
33 14 19 00-0333	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	806.87	36.19
33 14 19 00-0334	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	898.40	45.02
33 14 19 00-0335	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,242.58	46.79
33 14 19 00-0336	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,326.04	48.55
33 14 19 00-0337	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,382.47	51.20
33 14 19 00-0338	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,621.14	54.73
33 14 19 00-0339	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,772.01	65.32
33 14 19 00-0340	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,853.44	78.57

33 14 19 00-0341 Remove And Reinstall Standard Fire Hydrant (33 14 19 00-0243)

Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.

33 14 19 00-0342	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	706.20	
33 14 19 00-0343	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,029.89	
33 14 19 00-0344	EA	Reset Fire Hydrant Upper Barrel	909.33	

Note: Includes Safety Repair Kit

33 14 19 00-0345 Yard Hydrants (33 14 19)

Note: With 3/4" hose thread outlet.

33 14 19 00-0346	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	330.59	30.68
33 14 19 00-0347	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	355.66	30.68
33 14 19 00-0348	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	380.73	30.68
33 14 19 00-0349	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	259.24	38.87
33 14 19 00-0350	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	270.44	38.87
33 14 19 00-0351	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	281.65	38.87

33 14 19 00-0352 Sanitary Yard Hydrants (33 14 19)

Note: With 3/4" hose thread outlet.

33 14 19 00-0353	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,513.90	63.92
33 14 19 00-0354	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,592.25	63.92
33 14 19 00-0355	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,670.59	63.92

33 14 19 00-0356 Flushing Hydrants (33 14 19)

33 14 19 00-0357	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	540.77	39.20
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33 14 23 Enclosures for Water Utility Piping and Valves (33 14)

See CSI section 22 11 19 00-0376 for Enclosures.

33 16 Water Utility Storage Tanks (33 10)

33 16 23 Ground-Level Steel Water Storage Tanks (33 16)

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment (33 10)

33 19 13 Positive Displacement Water Meters (33 19)

33 19 13 23 Nutating Disc Water Meters (33 19 13)

33 19 13 23-0001 Bronze Disk Type Water Service Meters (33 19 13 23)

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	286.95	53.19
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	361.00	63.41
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	485.89	72.61
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	948.22	108.41
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,285.25	141.14

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters (33 19 13 23)

33 Utilities**33 10 Water Utilities****33 19 Water Utility Metering Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i).....	352.39	53.19
		<i>For Owner Furnished Material, Deduct</i>	-298.56	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	402.59	63.41
		<i>For Owner Furnished Material, Deduct</i>	-338.67	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	592.70	72.61
		<i>For Owner Furnished Material, Deduct</i>	-519.65	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	998.55	108.41
		<i>For Owner Furnished Material, Deduct</i>	-889.75	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	1,238.47	141.14
		<i>For Owner Furnished Material, Deduct</i>	-1,096.43	
33 19 13 23-0013	EA	Electronic Transmitter.....	280.00	25.57
		Note: For use with transmitting meter valve.		
		<i>For Owner Furnished Material, Deduct</i>	-254.43	

33 19 16 Velocity-Type Water Meters (33 19)**33 19 16 23 Turbine Water Meters (33 19 16)****33 19 16 23-0001 Flanged Turbine Water Service Meter (33 19 16 23)****33 19 16 23-0002 Vertical Turbine Meters (33 19 16 23-0001)**

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged.....	569.70	98.89
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged.....	792.40	125.53
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged.....	1,324.61	160.10
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged.....	2,041.45	303.24
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged.....	3,749.14	339.03

33 19 16 23-0008 Horizontal Turbine Meters (33 19 16 23-0001)

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged.....	866.89	98.89
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged.....	1,216.68	125.53
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged.....	1,494.71	160.10
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged.....	2,266.30	303.24
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged.....	4,568.37	339.03
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged.....	6,112.42	433.21
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged.....	8,546.50	527.38
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged.....	10,975.03	1,064.18

33 19 19 Compound Water Meters (33 19)**33 19 19 00-0001 Flanged Compound Type Water Service Meter (33 19 19)**

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	2,235.34	125.53
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	2,611.13	160.10
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	4,385.73	303.24
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	6,042.59	339.03
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	12,464.86	433.21
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter.....	21,384.34	527.38

33 19 23 Magnetic Water Meters (33 19)**33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter (33 19 23)**

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	5,089.93	125.53
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	7,032.88	160.10
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	8,110.28	303.24

33 30 Sanitary Sewerage Utilities (33)**33 31 Sanitary Sewerage Piping (33 30)****33 31 11 Public Sanitary Sewerage Gravity Piping (33 31)**

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Plastic Sewer And Drain Piping (33 31 11)**33 31 11 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)**

33 31 11 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	7.24	3.32
33 31 11 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	8.66	3.92
33 31 11 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	11.18	4.74
33 31 11 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	13.50	5.53
33 31 11 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	17.09	6.44
33 31 11 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	21.55	7.49
33 31 11 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	26.49	7.75
33 31 11 00-0010	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	32.20	8.02

33 31 11 00-0011 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)

Note: D-2729 PVC pipe.

33 31 11 00-0012	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	10.51	4.74
33 31 11 00-0013	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	12.34	5.53
33 31 11 00-0014	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	15.35	6.44

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 31 11 00-0015				Polyvinyl Chloride (PVC) Sewer And Drain Fittings (33 31 11 00-0001)		
33 31 11 00-0016				1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0017	EA			1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	19.88	11.87
33 31 11 00-0018	EA			2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.61	15.35
33 31 11 00-0019	EA			3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	39.13	20.61
33 31 11 00-0020	EA			4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	53.01	23.83
33 31 11 00-0021	EA			6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	151.82	30.97
33 31 11 00-0022	EA			8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	242.90	41.68
33 31 11 00-0023	EA			10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	321.18	55.52
33 31 11 00-0024				1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0025	EA			1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	20.36	11.87
33 31 11 00-0026	EA			2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.57	15.35
33 31 11 00-0027	EA			3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	38.41	20.61
33 31 11 00-0028	EA			4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	49.51	23.83
33 31 11 00-0029	EA			6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	142.90	30.97
33 31 11 00-0030	EA			8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	222.18	41.68
33 31 11 00-0031	EA			10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	260.24	55.52
33 31 11 00-0032	EA			12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	378.88	73.94
33 31 11 00-0033				Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0034	EA			1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.47	11.69
33 31 11 00-0035	EA			2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	28.95	15.35
33 31 11 00-0036	EA			3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	48.41	21.07
33 31 11 00-0037	EA			4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	71.58	25.71
33 31 11 00-0038	EA			6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	119.41	29.72
33 31 11 00-0039	EA			8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	191.31	33.91
33 31 11 00-0040	EA			10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	296.52	39.54
33 31 11 00-0041	EA			12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	434.53	46.09
33 31 11 00-0042				1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0043	EA			1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	21.38	11.87
33 31 11 00-0044	EA			2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.60	15.35
33 31 11 00-0045	EA			3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	41.39	20.61
33 31 11 00-0046	EA			4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	55.03	23.83
33 31 11 00-0047	EA			6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	181.47	30.97
33 31 11 00-0048	EA			8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	286.06	41.68
33 31 11 00-0049	EA			10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	331.01	55.52
33 31 11 00-0050	EA			12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	355.29	73.94
33 31 11 00-0051				Reducers, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0052	EA			2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	24.49	13.55
33 31 11 00-0053	EA			3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	37.48	16.17
33 31 11 00-0054	EA			3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	37.84	17.84
33 31 11 00-0055	EA			4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	51.16	19.49
33 31 11 00-0056	EA			4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	56.09	22.12
33 31 11 00-0057	EA			6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	133.93	27.37
33 31 11 00-0058	EA			8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	264.07	36.29
33 31 11 00-0059	EA			10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	95.88	39.63
33 31 11 00-0060	EA			10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	121.63	43.23
33 31 11 00-0061	EA			10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	121.57	48.55
33 31 11 00-0062	EA			12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	288.42	52.48
33 31 11 00-0063	EA			12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	306.86	57.79
33 31 11 00-0064	EA			12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	328.29	64.72
33 31 11 00-0065				Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0066	EA			1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	30.58	17.94
33 31 11 00-0067	EA			2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	40.04	23.20
33 31 11 00-0068	EA			3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	60.05	30.62
33 31 11 00-0069	EA			4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	83.85	38.03
33 31 11 00-0070	EA			6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	218.71	41.68
33 31 11 00-0071	EA			8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	285.28	55.52
33 31 11 00-0072				Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0073	EA			1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	34.28	17.94
33 31 11 00-0074	EA			2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	42.19	23.20
33 31 11 00-0075	EA			3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	62.79	30.62
33 31 11 00-0076	EA			4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	88.35	38.03
33 31 11 00-0077	EA			6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	201.84	41.68
33 31 11 00-0078	EA			8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	253.23	55.52
33 31 11 00-0079	EA			10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	334.03	74.08
33 31 11 00-0080	EA			12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	510.30	98.86
33 31 11 00-0081				Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0082	EA			2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	40.09	17.94

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 31 11 00-0083	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	47.84	23.20
33 31 11 00-0084	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	58.97	30.62
33 31 11 00-0085	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	82.18	38.03
33 31 11 00-0086	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	86.40	38.03
33 31 11 00-0087		Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0088	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	50.51	23.20
33 31 11 00-0089	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	66.21	30.62
33 31 11 00-0090	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	114.27	41.33
33 31 11 00-0091	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	181.07	49.98
33 31 11 00-0092	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	64.46	30.62
33 31 11 00-0093	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	100.90	41.33
33 31 11 00-0094	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	158.99	49.98
33 31 11 00-0095		Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0096	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.90	17.94
33 31 11 00-0097	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	49.39	23.20
33 31 11 00-0098	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	84.44	30.62
33 31 11 00-0099	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	136.89	38.03
33 31 11 00-0100	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	65.07	23.20
33 31 11 00-0101	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	98.64	30.62
33 31 11 00-0102	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	78.88	30.62
33 31 11 00-0103	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	130.23	38.03
33 31 11 00-0104	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	136.32	38.03
33 31 11 00-0105		Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0106	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	54.09	23.20
33 31 11 00-0107	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.61	30.62
33 31 11 00-0108	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	97.83	41.33
33 31 11 00-0109	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	264.08	49.98
33 31 11 00-0110	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	769.49	55.34
33 31 11 00-0111		Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0112	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	259.20	94.76
33 31 11 00-0113	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	523.45	122.25
33 31 11 00-0114	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	681.89	172.27
33 31 11 00-0115	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	977.27	277.13
33 31 11 00-0116		Couplings, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0117	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	19.66	11.87
33 31 11 00-0118	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	24.88	15.26
33 31 11 00-0119	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	35.89	20.44
33 31 11 00-0120	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	44.22	23.83
33 31 11 00-0121	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	93.53	30.97
33 31 11 00-0122	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	198.37	41.68
33 31 11 00-0123	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	293.89	55.52
33 31 11 00-0124	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	469.76	73.94
33 31 11 00-0125		Adapters, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0126	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	105.27	66.11
33 31 11 00-0127	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	77.43	50.29
33 31 11 00-0128	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	78.33	50.29
33 31 11 00-0129	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	80.71	50.29
33 31 11 00-0130	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	105.93	66.11
33 31 11 00-0131	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	104.02	66.11
33 31 11 00-0132	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	100.90	66.11
33 31 11 00-0133	EA	4" Drain Grate, Drain And Sewer Fitting	53.25	34.00
33 31 11 00-0134		Caps, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0135	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	24.64	12.76
33 31 11 00-0136	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	36.18	15.89
33 31 11 00-0137	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	60.36	20.53
33 31 11 00-0138		Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0139	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	18.90	11.87
33 31 11 00-0140	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	24.48	15.35
33 31 11 00-0141	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	34.50	20.61
33 31 11 00-0142	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	42.50	23.83
33 31 11 00-0143	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	64.44	30.97
33 31 11 00-0144	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	178.04	41.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 31 11 00-0145			Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe (33 31 11 00-0001) Note: ASTM 3034.		
33 31 11 00-0146	LF		4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	14.64	5.53
33 31 11 00-0147	LF		6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	19.67	6.44
33 31 11 00-0148	LF		8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	26.53	7.49
33 31 11 00-0149	LF		10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	32.85	7.75
33 31 11 00-0150	LF		12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	40.46	8.02
33 31 11 00-0151	LF		15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	53.24	8.31
33 31 11 00-0152	LF		18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	67.86	8.61
33 31 11 00-0153	LF		21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	88.51	9.35
33 31 11 00-0154	LF		24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	107.61	10.09
33 31 11 00-0155	LF		27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	133.96	11.84

33 31 11 00-0156			Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe (33 31 11 00-0001) Note: ASTM 3034.		
33 31 11 00-0157	LF		4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	13.14	5.53
33 31 11 00-0158	LF		6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	16.99	6.44
33 31 11 00-0159	LF		8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	22.17	7.49

33 31 11 00-0160			Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings (33 31 11 00-0001) Note: ASTM 3034.		
33 31 11 00-0161			1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0162	EA		4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	62.42	21.69
33 31 11 00-0163	EA		6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	90.36	25.22
33 31 11 00-0164	EA		8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	181.55	28.59
33 31 11 00-0165	EA		10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	505.53	33.63
33 31 11 00-0166	EA		12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	653.07	42.88

33 31 11 00-0167			1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0168	EA		4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	57.02	21.69
33 31 11 00-0169	EA		6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	84.40	25.22
33 31 11 00-0170	EA		8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	166.50	28.59
33 31 11 00-0171	EA		10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	363.80	33.63
33 31 11 00-0172	EA		12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	518.31	42.88
33 31 11 00-0173	EA		15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,101.46	60.54
33 31 11 00-0174	EA		18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,744.40	85.76
33 31 11 00-0175	EA		21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,901.41	113.51
33 31 11 00-0176	EA		24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,955.06	151.34

33 31 11 00-0177			Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0178	EA		4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	94.40	32.54
33 31 11 00-0179	EA		6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	147.05	36.07
33 31 11 00-0180	EA		6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	164.44	37.84
33 31 11 00-0181	EA		8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	180.88	39.60
33 31 11 00-0182	EA		8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	205.94	41.36
33 31 11 00-0183	EA		8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	383.60	43.14
33 31 11 00-0184	EA		10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	487.99	44.14
33 31 11 00-0185	EA		10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	551.93	46.24
33 31 11 00-0186	EA		10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	808.92	48.01
33 31 11 00-0187	EA		10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,050.72	50.45
33 31 11 00-0188	EA		12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	600.27	53.73
33 31 11 00-0189	EA		12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	636.78	55.49
33 31 11 00-0190	EA		12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	902.06	57.25
33 31 11 00-0191	EA		12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,294.26	59.69
33 31 11 00-0192	EA		12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,457.68	64.32

33 31 11 00-0193			Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
33 31 11 00-0194	EA		4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	90.21	32.54
33 31 11 00-0195	EA		6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	133.09	36.07
33 31 11 00-0196	EA		6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	145.69	37.84
33 31 11 00-0197	EA		8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	174.89	39.60
33 31 11 00-0198	EA		8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	198.80	41.36
33 31 11 00-0199	EA		8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	298.28	43.14
33 31 11 00-0200	EA		10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	447.57	44.48
33 31 11 00-0201	EA		10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	456.82	46.24
33 31 11 00-0202	EA		10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	680.86	48.01
33 31 11 00-0203	EA		10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	752.62	50.45
33 31 11 00-0204	EA		12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	566.47	53.73
33 31 11 00-0205	EA		12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	584.28	55.49
33 31 11 00-0206	EA		12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	830.09	57.25
33 31 11 00-0207	EA		12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	997.44	59.69
33 31 11 00-0208	EA		12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,042.05	64.32
33 31 11 00-0209	EA		15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,283.65	77.36
33 31 11 00-0210	EA		15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,422.98	81.98
33 31 11 00-0211	EA		15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,775.62	90.81

33 31 11 00-0212			Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 11 00-0160)		
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33	33	Utilities
	33 30	Sanitary Sewerage Utilities
	33 31	Sanitary Sewerage Piping



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 31 11 00-0213	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		61.94	21.69
33 31 11 00-0214	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		93.54	25.22
33 31 11 00-0215	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		135.39	28.76
33 31 11 00-0216	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		250.20	33.63
33 31 11 00-0217	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		353.54	42.88
33 31 11 00-0218	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		684.47	60.54
33 31 11 00-0219	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		1,278.95	85.76
33 31 11 00-0220	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		2,125.22	113.51
33 31 11 00-0221	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)		3,072.63	151.34
33 31 11 00-0222		Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0180)</small>			
33 31 11 00-0223	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		113.12	23.46
33 31 11 00-0224	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		159.56	25.22
33 31 11 00-0225	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		168.38	26.98
33 31 11 00-0226	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		369.86	29.42
33 31 11 00-0227	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		424.29	31.20
33 31 11 00-0228	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		473.84	34.05
33 31 11 00-0229	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		542.86	35.82
33 31 11 00-0230	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		621.59	38.26
33 31 11 00-0231	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)		934.09	51.71
33 31 11 00-0232		Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0180)</small>			
33 31 11 00-0233	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		95.35	
33 31 11 00-0234	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		125.04	
33 31 11 00-0235	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		127.62	
33 31 11 00-0236	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		206.77	
33 31 11 00-0237	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		217.60	
33 31 11 00-0238	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		403.83	
33 31 11 00-0239	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		236.32	
33 31 11 00-0240	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		256.61	
33 31 11 00-0241	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		557.28	
33 31 11 00-0242	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		654.99	
33 31 11 00-0243	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		274.60	
33 31 11 00-0244	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		292.31	
33 31 11 00-0245		Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0180)</small>			
33 31 11 00-0246	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		101.41	
33 31 11 00-0247	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		125.04	
33 31 11 00-0248	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		135.87	
33 31 11 00-0249	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		190.71	
33 31 11 00-0250	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		216.30	
33 31 11 00-0251	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		323.00	
33 31 11 00-0252	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		235.03	
33 31 11 00-0253	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		255.39	
33 31 11 00-0254	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		376.29	
33 31 11 00-0255	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		455.20	
33 31 11 00-0256	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		273.81	
33 31 11 00-0257	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		286.31	
33 31 11 00-0258	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		465.09	
33 31 11 00-0259	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		512.70	
33 31 11 00-0260	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)		717.37	
33 31 11 00-0261		Couplings And Plug Fittings <small>(33 31 11)</small>			
33 31 11 00-0262		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings <small>(33 31 11 00-0261)</small>			
Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.					
33 31 11 00-0263	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)		19.34	6.19
33 31 11 00-0264	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)		21.05	7.22
33 31 11 00-0265	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)		24.74	8.25
33 31 11 00-0266	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)		28.36	8.77
33 31 11 00-0267	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)		35.87	9.28
33 31 11 00-0268	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)		43.46	10.31
33 31 11 00-0269	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)		57.21	11.34
33 31 11 00-0270	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)		72.38	11.86
33 31 11 00-0271	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)		126.11	12.37
33 31 11 00-0272	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)		175.29	13.41
33 31 11 00-0273	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)		349.05	13.92
33 31 11 00-0274	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)		406.99	14.70
33 31 11 00-0275	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)		451.70	15.47
33 31 11 00-0276	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)		542.57	16.50
33 31 11 00-0277		Cast Iron Service Saddles With U Bolt <small>(33 31 11)</small>			
33 31 11 00-0278	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt		98.63	
33 31 11 00-0279	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt		99.10	
33 31 11 00-0280	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt		109.18	
33 31 11 00-0281	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt		105.47	
33 31 11 00-0282	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt		118.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 31 11 00-0283	EA		4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt.....	133.30	
33 31 11 00-0284	EA		4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt.....	157.77	
33 31 11 00-0285	EA		6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt.....	133.08	
33 31 11 00-0286	EA		6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt.....	145.44	
33 31 11 00-0287	EA		6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt.....	167.94	
33 31 11 00-0288	EA		4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt.....	108.15	
33 31 11 00-0289	EA		4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt.....	118.22	
33 31 11 00-0290	EA		4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt.....	139.55	
33 31 11 00-0291	EA		4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt.....	165.45	
33 31 11 00-0292	EA		6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt.....	177.51	

33 32 Sanitary Sewerage Equipment (33 30)

33 32 16 Packaged Wastewater Grinder Pump Assemblies (33 32)

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller (33 32 16)

33 32 16 00-0002	EA		2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	2,099.07	307.01
			Note: Zoeller 840 series.		
33 32 16 00-0003	EA		2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	2,068.37	307.01
			Note: Zoeller 840 series.		
33 32 16 00-0004	EA		Simplex Control Panel With Auto Reversing Switch.....	1,001.73	102.30
			Note: For Zoeller 840 series grinder pump.		
33 32 16 00-0005	EA		Duplex Control Panel With Auto Reversing Switch.....	1,572.22	102.30
			Note: For Zoeller 840 series grinder pump.		
33 32 16 00-0006	EA		Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74).....	8,239.00	

33 32 16 00-0007 Submersible Grinder Pumps (33 32 16)

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA		2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof.....	3,618.58	604.15
33 32 16 00-0009	EA		3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof.....	5,471.76	704.84
33 32 16 00-0010	EA		5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof.....	6,686.87	906.22

33 40 Stormwater Utilities (33)

33 41 Subdrainage (33 40)

33 41 16 Subdrainage Piping (33 41)

33 41 16 13 Subdrainage Piping (33 41 16)

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping (33 41 16 13)

33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 16 13-0001)

Note: Excludes couplings and gaskets.

33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 16 13-0002)

33 41 16 13-0004	LF		4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	4.72	4.11
			For <100, Add	0.85	
			For >1,000, Deduct	-0.44	
33 41 16 13-0005	LF		6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.76	4.40
			For <100, Add	0.95	
			For >1,000, Deduct	-0.51	
33 41 16 13-0006	LF		8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.02	4.62
			For <100, Add	1.04	
			For >1,000, Deduct	-0.58	
33 41 16 13-0007	LF		10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	9.19	4.76
			For <100, Add	1.17	
			For >1,000, Deduct	-0.70	
33 41 16 13-0008	LF		12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	10.74	5.21
			For <100, Add	1.32	
			For >1,000, Deduct	-0.80	
33 41 16 13-0009	LF		15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	13.92	5.87
			For <100, Add	1.58	
			For >1,000, Deduct	-0.99	
33 41 16 13-0010	LF		18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	21.99	9.38
			For <100, Add	2.51	
			For >1,000, Deduct	-1.57	
33 41 16 13-0011	LF		24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	29.98	10.30
			For <100, Add	3.04	
			For >1,000, Deduct	-2.01	

33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 16 13-0002)

33 41 16 13-0013	LF		4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	4.63	4.11
			For <100, Add	0.85	
			For >1,000, Deduct	-0.44	
33 41 16 13-0014	LF		6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.72	4.40
			For <100, Add	0.95	
			For >1,000, Deduct	-0.51	
33 41 16 13-0015	LF		8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	8.67	4.62
			For <100, Add	1.13	
			For >1,000, Deduct	-0.66	

33 Utilities
33 40 Stormwater Utilities
33 41 Subdrainage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 41 16 13-0016	LF 10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe..... <i>For <100, Add</i> <i>For >1,000, Deduct</i>	10.06 1.22 -0.74	4.76
33 41 16 13-0017	LF 12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe..... <i>For <100, Add</i> <i>For >1,000, Deduct</i>	11.69 1.37 -0.85	5.21
33 41 16 13-0018	LF 15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe..... <i>For <100, Add</i> <i>For >1,000, Deduct</i>	13.82 1.57 -0.98	5.87
33 41 16 13-0019	LF 18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe..... <i>For <100, Add</i> <i>For >1,000, Deduct</i>	21.36 2.48 -1.54	9.38
33 41 16 13-0020	LF 24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe..... <i>For <100, Add</i> <i>For >1,000, Deduct</i>	28.99 2.99 -1.96	10.30
33 41 16 13-0021	Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 41 16 13-0001) Note: Excludes couplings and gaskets.		
33 41 16 13-0022	Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 16 13-0021)		
33 41 16 13-0023	EA 4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	36.43	20.18
33 41 16 13-0024	EA 6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	43.24	23.55
33 41 16 13-0025	EA 8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	68.27	28.61
33 41 16 13-0026	EA 10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	87.37	35.33
33 41 16 13-0027	EA 12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	127.66	42.07
33 41 16 13-0028	EA 15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	270.03	54.97
33 41 16 13-0029	EA 18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	324.54	74.02
33 41 16 13-0030	EA 24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	602.99	84.12
33 41 16 13-0031	Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 16 13-0021)		
33 41 16 13-0032	EA 4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	37.35	20.18
33 41 16 13-0033	EA 6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	46.24	23.55
33 41 16 13-0034	EA 8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	99.69	28.61
33 41 16 13-0035	45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 16 13-0021)		
33 41 16 13-0036	EA 4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	24.60	13.46
33 41 16 13-0037	90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 16 13-0021)		
33 41 16 13-0038	EA 4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	25.56	13.46
33 41 16 13-0039	EA 6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	32.70	15.71
33 41 16 13-0040	EA 8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	47.76	19.06
33 41 16 13-0041	EA 10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	62.63	23.55
33 41 16 13-0042	Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 (33 41 16 13) Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF 3" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	5.55 0.80 -0.45	3.48
33 41 16 13-0044	LF 4" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	6.06 0.87 -0.49	3.76
33 41 16 13-0045	LF 6" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	8.47 1.10 -0.65	4.52
33 41 16 13-0046	LF 8" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	13.03 1.50 -0.93	5.65
33 41 16 13-0047	LF 10" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	20.63 1.91 -1.33	5.87
33 41 16 13-0048	LF 12" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	26.17 2.27 -1.63	6.41
33 41 16 13-0049	LF 15" Perforated Polyvinyl Chloride (PVC) Drainage Piping <i>For <100, Add</i> <i>For >1,000, Deduct</i>	43.85 3.28 -2.55	7.23
33 41 16 13-0050	Perforated Non Reinforced Concrete Drainage Piping, C444 (33 41 16 13)		
33 41 16 13-0051	LF 6" Perforated Non Reinforced Concrete Drainage Pipe..... <i>For Extra Strength, Add</i> <i>For >1,000, Deduct</i>	25.93 1.33 -1.30	10.23
33 41 16 13-0052	LF 8" Perforated Non Reinforced Concrete Drainage Pipe..... <i>For Extra Strength, Add</i> <i>For >1,000, Deduct</i>	30.19 1.64 -1.51	11.37
33 41 16 13-0053	LF 10" Perforated Non Reinforced Concrete Drainage Pipe..... <i>For Extra Strength, Add</i> <i>For >1,000, Deduct</i>	34.09 1.91 -1.70	12.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0054	LF		12" Perforated Non Reinforced Concrete Drainage Pipe.....	39.83	13.65
			<i>For Extra Strength, Add</i>	2.39	
			<i>For >1,000, Deduct</i>	-1.99	
33 41 16 13-0055			Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small>		
			Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0056	LF		6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	21.81	10.23
			<i>For >1,000, Deduct</i>	-1.09	
33 41 16 13-0057	LF		8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	24.15	11.37
			<i>For >1,000, Deduct</i>	-1.21	
33 41 16 13-0058	LF		10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	26.63	12.51
			<i>For >1,000, Deduct</i>	-1.33	
33 41 16 13-0059	LF		12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	30.29	12.99
			<i>For >1,000, Deduct</i>	-1.51	
33 41 16 13-0060	LF		15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	35.06	14.62
			<i>For >1,000, Deduct</i>	-1.75	
33 41 16 13-0061	LF		18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	43.41	18.69
			<i>For >1,000, Deduct</i>	-2.17	
33 41 16 13-0062	LF		21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	54.26	23.96
			<i>For >1,000, Deduct</i>	-2.71	
33 41 16 13-0063	LF		24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	66.14	29.24
			<i>For >1,000, Deduct</i>	-3.31	
33 41 16 13-0064			Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small>		
33 41 16 13-0065	LF		6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	20.45	10.23
			<i>For >1,000, Deduct</i>	-1.02	
33 41 16 13-0066	LF		8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	25.66	11.37
			<i>For >1,000, Deduct</i>	-1.28	
33 41 16 13-0067	LF		10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	32.08	12.51
			<i>For >1,000, Deduct</i>	-1.60	
33 41 16 13-0068	LF		12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	38.63	13.65
			<i>For >1,000, Deduct</i>	-1.93	
33 41 16 13-0069	LF		15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	44.15	15.19
			<i>For >1,000, Deduct</i>	-2.21	
33 41 16 13-0070	LF		18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	57.06	18.94
			<i>For >1,000, Deduct</i>	-2.85	
33 41 16 13-0071			Perforated Vitrified Clay Drainage Piping, C700 <small>(33 41 16 13)</small>		
33 41 16 13-0072	LF		4" Perforated Vitrified Clay Drainage Pipe.....	22.68	11.37
33 41 16 13-0073	LF		6" Perforated Vitrified Clay Drainage Pipe.....	27.39	12.79
33 41 16 13-0074	LF		8" Perforated Vitrified Clay Drainage Pipe.....	31.96	12.79
33 41 16 13-0075	LF		10" Perforated Vitrified Clay Drainage Pipe.....	43.44	15.64
33 41 16 13-0076	LF		12" Perforated Vitrified Clay Drainage Pipe.....	52.22	17.06
33 41 16 13-0077			Geotextile Filter Fabric Sock <small>(33 41 16 13)</small>		
33 41 16 13-0078	LF		3" Geotextile Filter Fabric Sock.....	0.59	
33 41 16 13-0079	LF		4" Geotextile Filter Fabric Sock.....	0.78	
33 41 16 13-0080	LF		6" Geotextile Filter Fabric Sock.....	1.18	
33 41 16 13-0081	LF		8" Geotextile Filter Fabric Sock.....	1.59	
33 41 16 13-0082	LF		10" Geotextile Filter Fabric Sock.....	2.30	
33 41 16 13-0083	LF		12" Geotextile Filter Fabric Sock.....	3.11	
33 41 16 13-0084	LF		15" Geotextile Filter Fabric Sock.....	3.65	
33 41 16 13-0085			Strip-Perforated, Galvanized, Corrugated Steel Pipe <small>(33 41 16 13)</small>		
			Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0086	LF		6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	17.17	4.87
			<i>For Full Perforated, Add</i>	0.74	
33 41 16 13-0087	LF		8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	21.60	5.91
			<i>For Full Perforated, Add</i>	0.98	
33 41 16 13-0088	LF		10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	27.27	7.49
			<i>For Full Perforated, Add</i>	1.23	
33 41 16 13-0089	LF		12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	30.56	8.86
			<i>For Full Perforated, Add</i>	1.28	
33 41 16 13-0090	LF		15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	34.48	9.18
			<i>For Full Perforated, Add</i>	1.61	
33 41 16 13-0091	LF		18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	38.49	9.51
			<i>For Full Perforated, Add</i>	1.95	
33 41 16 13-0092	LF		21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	43.70	10.26
			<i>For Full Perforated, Add</i>	2.32	
33 41 16 13-0093			Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe <small>(33 41 16 13)</small>		
			Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0094	LF		6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	18.37	4.87
			<i>For Full Perforated, Add</i>	0.86	
33 41 16 13-0095	LF		8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	23.21	5.91
			<i>For Full Perforated, Add</i>	1.14	
33 41 16 13-0096	LF		10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	29.25	7.49
			<i>For Full Perforated, Add</i>	1.43	

33 Utilities
33 40 Stormwater Utilities
33 41 Subdrainage

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 41 16 13-0097	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	32.48	8.86
		<i>For Full Perforated, Add</i>	1.48	
33 41 16 13-0098	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	36.85	9.18
		<i>For Full Perforated, Add</i>	1.85	
33 41 16 13-0099	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	41.31	9.51
		<i>For Full Perforated, Add</i>	2.23	
33 41 16 13-0100	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	46.98	10.26
		<i>For Full Perforated, Add</i>	2.65	
33 41 16 13-0101		Strip-Perforated, Corrugated Aluminum Pipe <small>(33 41 16 13)</small>		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0102	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	18.75	4.87
		<i>For Full Perforated, Add</i>	0.90	
33 41 16 13-0103	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	23.71	5.91
		<i>For Full Perforated, Add</i>	1.19	
33 41 16 13-0104	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	29.88	7.49
		<i>For Full Perforated, Add</i>	1.49	
33 41 16 13-0105	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	37.22	8.86
		<i>For Full Perforated, Add</i>	1.95	
33 41 16 13-0106	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	42.75	9.18
		<i>For Full Perforated, Add</i>	2.44	
33 41 16 13-0107	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	48.46	9.51
		<i>For Full Perforated, Add</i>	2.94	
33 41 16 13-0108	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	55.32	10.26
		<i>For Full Perforated, Add</i>	3.48	
33 41 16 13-0109		Prefabricated Composite Drains <small>(33 41 16 13)</small>		
33 41 16 13-0110		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) <small>(33 41 16 13-0109)</small>		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0111	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	7.55	1.84
		<i>For External Typar Geotextile Wrap, Add</i>	1.21	
33 41 16 13-0112	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	33.05	
33 41 16 13-0113	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	33.05	
33 41 16 13-0114	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	61.17	
33 41 16 13-0115	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	61.17	
33 41 16 13-0116	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	11.74	2.30
		<i>For External Typar Geotextile Wrap, Add</i>	1.82	
33 41 16 13-0117	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	47.48	
33 41 16 13-0118	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	47.48	
33 41 16 13-0119	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	68.42	
33 41 16 13-0120	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	68.42	
33 41 19 Underslab Drainage <small>(33 41)</small>				
33 41 19 13 Underslab Drainage Piping <small>(33 41 19)</small>				
33 41 19 13-0001		Capillary Water Barrier Underslab Drainage <small>(33 41 19 13)</small>		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage.....	64.01	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage.....	61.84	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage.....	60.98	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage.....	59.68	
33 42 Stormwater Conveyance <small>(33 42)</small>				
		Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 42 11 Stormwater Gravity Piping <small>(33 42)</small>				
33 42 11 00-0001		Reinforced Concrete Piping <small>(33 42 11)</small>		
33 42 11 00-0002		Class 3 Reinforced Concrete Pipe Without Gaskets <small>(33 42 11 00-0001)</small>		
33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	38.49	13.65
		<i>For >1,000, Deduct</i>	-1.92	
		<i>For Class 4, Add</i>	1.80	
		<i>For Class 5, Add</i>	3.80	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	46.01	15.19
		<i>For >1,000, Deduct</i>	-2.30	
		<i>For Class 4, Add</i>	2.31	
		<i>For Class 5, Add</i>	4.86	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	52.63	18.94
		<i>For >1,000, Deduct</i>	-2.63	
		<i>For Class 4, Add</i>	2.43	
		<i>For Class 5, Add</i>	5.12	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	67.35	23.88
		<i>For >1,000, Deduct</i>	-3.37	
		<i>For Class 4, Add</i>	3.16	
		<i>For Class 5, Add</i>	6.65	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	79.04	29.00
		<i>For >1,000, Deduct</i>	-3.95	
		<i>For Class 4, Add</i>	3.57	
		<i>For Class 5, Add</i>	7.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0008	LF		27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	99.83	36.66
			<i>For >1,000, Deduct</i>	-4.99	
			<i>For Class 4, Add</i>	4.51	
			<i>For Class 5, Add</i>	9.49	
33 42 11 00-0009	LF		30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	106.05	37.85
			<i>For >1,000, Deduct</i>	-5.30	
			<i>For Class 4, Add</i>	4.88	
			<i>For Class 5, Add</i>	10.27	
33 42 11 00-0010	LF		36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	130.45	43.01
			<i>For >1,000, Deduct</i>	-6.52	
			<i>For Class 4, Add</i>	6.61	
			<i>For Class 5, Add</i>	13.93	
33 42 11 00-0011	LF		42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	167.67	47.32
			<i>For >1,000, Deduct</i>	-8.38	
			<i>For Class 4, Add</i>	9.57	
			<i>For Class 5, Add</i>	20.15	
33 42 11 00-0012	LF		48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	200.24	52.69
			<i>For >1,000, Deduct</i>	-10.01	
			<i>For Class 4, Add</i>	11.87	
			<i>For Class 5, Add</i>	24.99	
33 42 11 00-0013	LF		54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	248.29	60.22
			<i>For >1,000, Deduct</i>	-12.41	
			<i>For Class 4, Add</i>	15.42	
			<i>For Class 5, Add</i>	32.45	
33 42 11 00-0014	LF		60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	299.35	69.85
			<i>For >1,000, Deduct</i>	-14.97	
			<i>For Class 4, Add</i>	18.96	
			<i>For Class 5, Add</i>	39.91	
33 42 11 00-0015			Concrete Reducing Wye Without Gaskets (33 42 11 00-0001)		
33 42 11 00-0016	EA		12" Concrete Reducing Wye Without Gaskets	450.03	51.99
33 42 11 00-0017	EA		15" Concrete Reducing Wye Without Gaskets	539.86	63.36
33 42 11 00-0018	EA		18" Concrete Reducing Wye Without Gaskets	665.69	69.86
33 42 11 00-0019	EA		21" Concrete Reducing Wye Without Gaskets	765.05	86.10
33 42 11 00-0020	EA		24" Concrete Reducing Wye Without Gaskets	865.68	103.97
33 42 11 00-0021			Concrete Pipe Joint Gaskets (33 42 11 00-0001)		
33 42 11 00-0022	EA		12" Diameter Concrete Pipe Joint Gasket	4.21	
33 42 11 00-0023	EA		15" Diameter Concrete Pipe Joint Gasket	4.98	
33 42 11 00-0024	EA		18" Diameter Concrete Pipe Joint Gasket	5.77	
33 42 11 00-0025	EA		21" Diameter Concrete Pipe Joint Gasket	6.98	
33 42 11 00-0026	EA		24" Diameter Concrete Pipe Joint Gasket	8.17	
33 42 11 00-0027	EA		27" Diameter Concrete Pipe Joint Gasket	9.11	
33 42 11 00-0028	EA		30" Diameter Concrete Pipe Joint Gasket	10.01	
33 42 11 00-0029	EA		36" Diameter Concrete Pipe Joint Gasket	12.22	
33 42 11 00-0030	EA		42" Diameter Concrete Pipe Joint Gasket	14.17	
33 42 11 00-0031	EA		48" Diameter Concrete Pipe Joint Gasket	16.35	
33 42 11 00-0032	EA		54" Diameter Concrete Pipe Joint Gasket	20.04	
33 42 11 00-0033	EA		60" Diameter Concrete Pipe Joint Gasket	29.66	
33 42 11 00-0034			Precast Concrete Cut Off Wall (33 42 11 00-0001)		
33 42 11 00-0035	EA		12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	230.90	151.40
33 42 11 00-0036	EA		15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	284.68	187.53
33 42 11 00-0037	EA		18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	352.22	237.42
33 42 11 00-0038	EA		21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	416.31	283.87
33 42 11 00-0039	EA		24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	478.60	328.51
33 42 11 00-0040	EA		27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	587.53	419.79
33 42 11 00-0041	EA		30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	763.62	578.07
33 42 11 00-0042	EA		36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	950.47	729.47
33 42 11 00-0043	EA		42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,171.24	915.10
33 42 11 00-0044	EA		48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,309.65	1,031.41
33 42 11 00-0045	EA		54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,461.41	1,156.14
33 42 11 00-0046	EA		60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,615.02	1,284.31
33 42 11 00-0047	EA		66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,678.37	1,333.35
33 42 11 00-0048	EA		72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,734.10	1,376.36
33 42 11 00-0049	EA		78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,789.83	1,419.37
33 42 11 00-0050	EA		84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,847.15	1,462.38
33 42 11 00-0051			Strap Assembly (33 42 11 00-0001)		
			Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0052	EA		Up To 24" Diameter Pipe, 12' Strap Assembly	176.42	
33 42 11 00-0053	EA		>24" Diameter Pipe, 12' Strap Assembly	247.93	
33 42 11 00-0054			Prestressed Concrete Cylinder Piping (33 42 11)		
33 42 11 00-0055			150 PSI Prestressed Concrete Cylinder Pipe And Fittings (33 42 11 00-0054)		
33 42 11 00-0056			150 PSI Prestressed Concrete Cylinder Pipe With Gaskets (33 42 11 00-0055)		
			Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0057	LF		12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	101.31	13.65
			<i>For >1,000, Deduct</i>	-5.07	
			<i>For 100 PSI, Deduct</i>	-20.45	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0058	LF	15"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	108.23 -5.41 -21.64	15.19
33 42 11 00-0059	LF	18"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	118.33 -5.92 -22.82	18.94
33 42 11 00-0060	LF	21"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	130.12 -6.51 -24.00	23.88
33 42 11 00-0061	LF	24"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	142.18 -7.11 -25.19	29.00
33 42 11 00-0062	LF	30"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	167.52 -8.38 -28.20	37.85
33 42 11 00-0063	LF	36"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	185.68 -9.28 -31.22	43.01
33 42 11 00-0064	LF	42"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	215.03 -10.75 -37.03	47.32
33 42 11 00-0065	LF	48"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	246.63 -12.33 -42.84	52.69
33 42 11 00-0066	LF	54"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	324.41 -16.22 -57.27	66.74
33 42 11 00-0067	LF	60"	150 PSI Prestressed Concrete Cylinder Pipe With Gaskets..... <i>For >1,000, Deduct</i> <i>For 100 PSI, Deduct</i>	390.47 -19.52 -69.97	77.42
33 42 11 00-0068			150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets (33		
			<small>42 11 00-0065)</small>		
33 42 11 00-0069	EA	12"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	365.67	127.94
33 42 11 00-0070	EA	15"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	507.61	182.77
33 42 11 00-0071	EA	18"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	655.30	243.70
33 42 11 00-0072	EA	21"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	802.98	304.62
33 42 11 00-0073	EA	24"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	977.46	378.54
33 42 11 00-0074	EA	30"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,248.54	507.69
33 42 11 00-0075	EA	36"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,548.52	602.15
33 42 11 00-0076	EA	42"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,803.88	702.80
33 42 11 00-0077	EA	48"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,034.16	802.59
33 42 11 00-0078	EA	54"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,506.46	1,002.16
33 42 11 00-0079	EA	60"	90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,245.73	1,334.96
33 42 11 00-0080			150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets (33		
			<small>42 11 00-0055)</small>		
33 42 11 00-0081	EA	12"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	343.71	127.94
33 42 11 00-0082	EA	15"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	479.20	182.77
33 42 11 00-0083	EA	18"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	621.71	243.70
33 42 11 00-0084	EA	21"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	764.23	304.62
33 42 11 00-0085	EA	24"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	933.54	378.54
33 42 11 00-0086	EA	30"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,188.26	473.58
33 42 11 00-0087	EA	36"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,479.63	602.15
33 42 11 00-0088	EA	42"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,724.22	702.80
33 42 11 00-0089	EA	48"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,948.48	802.59
33 42 11 00-0090	EA	54"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,380.22	1,002.16
33 42 11 00-0091	EA	60"	45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,129.76	1,334.96
33 42 11 00-0092			400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints (33 42 11 00-0054)		
33 42 11 00-0093			400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints (33 42 11		
			<small>00-0092)</small>		
			Note: AWWA C301		
33 42 11 00-0094	LF	30"	400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	195.83 -9.79	37.85
33 42 11 00-0095	LF	36"	400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	237.97 -11.90	43.01
33 42 11 00-0096	LF	42"	400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	277.11 -13.86	47.32
33 42 11 00-0097			400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular		
			Joints (33 42 11 00-0092)		
			Note: AWWA C301		
33 42 11 00-0098	LF	48"	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	371.32 -18.57	52.65
33 42 11 00-0099	LF	54"	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	444.09 -22.20	66.74
33 42 11 00-0100	LF	60"	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	512.03 -25.60	77.42
33 42 11 00-0101	LF	66"	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	576.17 -28.81	85.82
33 42 11 00-0102	LF	72"	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints..... <i>For >1,000, Deduct</i>	696.16 -34.81	93.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0103 Welded Joints For Prestressed Concrete Cylinder Pipe (33 42 11 00-0092)
 Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

33 42 11 00-0104	EA		30" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,342.77	
33 42 11 00-0105	EA		36" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,442.23	
33 42 11 00-0106	EA		42" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,491.96	
33 42 11 00-0107	EA		48" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,690.89	
33 42 11 00-0108	EA		54" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,740.62	
33 42 11 00-0109	EA		60" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,840.09	
33 42 11 00-0110	EA		66" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,889.82	
33 42 11 00-0111	EA		72" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,939.55	
33 42 11 00-0112	EA		30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,486.61	
33 42 11 00-0113	EA		36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,486.61	
33 42 11 00-0114	EA		42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,834.73	
33 42 11 00-0115	EA		48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,834.73	
33 42 11 00-0116	EA		54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,033.66	
33 42 11 00-0117	EA		60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,033.66	
33 42 11 00-0118	EA		66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,282.32	
33 42 11 00-0119	EA		72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,282.32	

33 42 11 00-0120 Quick Test Joints (33 42 11 00-0092)

33 42 11 00-0121	EA		30" Quick Test Joint.....	374.60	
33 42 11 00-0122	EA		36" Quick Test Joint.....	378.90	
33 42 11 00-0123	EA		42" Quick Test Joint.....	383.20	
33 42 11 00-0124	EA		48" Quick Test Joint.....	391.70	
33 42 11 00-0125	EA		54" Quick Test Joint.....	410.95	
33 42 11 00-0126	EA		60" Quick Test Joint.....	427.50	
33 42 11 00-0127	EA		66" Quick Test Joint.....	451.05	
33 42 11 00-0128	EA		72" Quick Test Joint.....	474.62	

33 42 11 00-0129 Harnessed Joints (33 42 11 00-0092)

33 42 11 00-0130 Harness Clamp Restrained Joints (33 42 11 00-0129)

33 42 11 00-0131	EA		30" Harness Clamp Restrained Joint.....	2,857.41	
33 42 11 00-0132	EA		36" Harness Clamp Restrained Joint.....	2,968.96	
33 42 11 00-0133	EA		42" Harness Clamp Restrained Joint.....	3,080.52	
33 42 11 00-0134	EA		48" Harness Clamp Restrained Joint.....	3,192.07	
33 42 11 00-0135	EA		54" Harness Clamp Restrained Joint.....	3,312.95	
33 42 11 00-0136	EA		60" Harness Clamp Restrained Joint.....	3,483.37	
33 42 11 00-0137	EA		66" Harness Clamp Restrained Joint.....	3,600.16	
33 42 11 00-0138	EA		72" Harness Clamp Restrained Joint.....	3,856.38	

33 42 11 00-0139 Snap Ring Restrained Joints (33 42 11 00-0129)

33 42 11 00-0140	EA		30" Snap Ring Restrained Joint.....	497.83	
33 42 11 00-0141	EA		36" Snap Ring Restrained Joint.....	566.49	
33 42 11 00-0142	EA		42" Snap Ring Restrained Joint.....	753.12	
33 42 11 00-0143	EA		48" Snap Ring Restrained Joint.....	853.94	
33 42 11 00-0144	EA		54" Snap Ring Restrained Joint.....	964.10	
33 42 11 00-0145	EA		60" Snap Ring Restrained Joint.....	1,091.62	
33 42 11 00-0146	EA		66" Snap Ring Restrained Joint.....	1,208.41	
33 42 11 00-0147	EA		72" Snap Ring Restrained Joint.....	1,346.65	

33 42 11 00-0148 Pipe Repairs (33 42 11 00-0092)
 Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.

33 42 11 00-0149 Lined Cylinder Pipe Repair (33 42 11 00-0148)

33 42 11 00-0150	EA		30" Lined Cylinder Pipe Repair.....	5,391.69	
33 42 11 00-0151	EA		36" Lined Cylinder Pipe Repair.....	6,684.16	
33 42 11 00-0152	EA		42" Lined Cylinder Pipe Repair.....	7,583.71	

33 42 11 00-0153 Embedded Cylinder Pipe Repair (33 42 11 00-0148)
 Note: Field welded concrete enclosure assembly with concrete pipe.

33 42 11 00-0154	EA		48" Embedded Cylinder Pipe Repair.....	11,196.90	
33 42 11 00-0155	EA		54" Embedded Cylinder Pipe Repair.....	12,989.34	
33 42 11 00-0156	EA		60" Embedded Cylinder Pipe Repair.....	14,796.20	
33 42 11 00-0157	EA		66" Embedded Cylinder Pipe Repair.....	16,715.17	
33 42 11 00-0158	EA		72" Embedded Cylinder Pipe Repair.....	20,056.75	

33 42 11 00-0159 High Density Polyethylene (HDPE) Drainage Piping (33 42 11)

33 42 11 00-0160 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0159)
 Note: Excludes couplings and gaskets.

33 42 11 00-0161 Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0160)

33 Utilities

33 40 Stormwater Utilities

33 42 Stormwater Conveyance

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0162	LF	4"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	12.07	5.53
			<i>For <100, Add</i>	2.22	
			<i>For >1,000, Deduct</i>	-1.16	
33 42 11 00-0163	LF	6"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.39	6.44
			<i>For <100, Add</i>	2.57	
			<i>For >1,000, Deduct</i>	-1.41	
33 42 11 00-0164	LF	8"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	18.74	7.49
			<i>For <100, Add</i>	2.99	
			<i>For >1,000, Deduct</i>	-1.69	
33 42 11 00-0165	LF	10"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.95	7.75
			<i>For <100, Add</i>	3.10	
			<i>For >1,000, Deduct</i>	-1.82	
33 42 11 00-0166	LF	12"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	21.96	8.02
			<i>For <100, Add</i>	3.21	
			<i>For >1,000, Deduct</i>	-1.90	
33 42 11 00-0167	LF	15"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	24.55	8.31
			<i>For <100, Add</i>	3.32	
			<i>For >1,000, Deduct</i>	-2.06	
33 42 11 00-0168	LF	18"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	29.05	8.61
			<i>For <100, Add</i>	3.45	
			<i>For >1,000, Deduct</i>	-2.31	
33 42 11 00-0169	LF	24"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	39.01	10.09
			<i>For <100, Add</i>	4.04	
			<i>For >1,000, Deduct</i>	-2.96	
33 42 11 00-0170	LF	30"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	54.98	13.58
			<i>For <100, Add</i>	5.43	
			<i>For >1,000, Deduct</i>	-4.11	
33 42 11 00-0171	LF	36"	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	71.94	17.17
			<i>For <100, Add</i>	6.87	
			<i>For >1,000, Deduct</i>	-5.31	

33 42 11 00-0172 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0160)

33 42 11 00-0173	LF	12"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.86	8.02
			<i>For <100, Add</i>	3.21	
			<i>For >1,000, Deduct</i>	-1.90	
33 42 11 00-0174	LF	15"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	24.97	8.31
			<i>For <100, Add</i>	3.32	
			<i>For >1,000, Deduct</i>	-2.08	
33 42 11 00-0175	LF	18"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	29.68	8.61
			<i>For <100, Add</i>	3.45	
			<i>For >1,000, Deduct</i>	-2.35	
33 42 11 00-0176	LF	24"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	40.00	10.09
			<i>For <100, Add</i>	4.04	
			<i>For >1,000, Deduct</i>	-3.01	
33 42 11 00-0177	LF	30"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	57.69	13.58
			<i>For <100, Add</i>	5.43	
			<i>For >1,000, Deduct</i>	-4.24	
33 42 11 00-0178	LF	36"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	73.96	17.17
			<i>For <100, Add</i>	6.87	
			<i>For >1,000, Deduct</i>	-5.41	
33 42 11 00-0179	LF	42"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	94.66	18.73
			<i>For <100, Add</i>	7.49	
			<i>For >1,000, Deduct</i>	-6.61	
33 42 11 00-0180	LF	48"	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	103.56	21.12
			<i>For <100, Add</i>	8.45	
			<i>For >1,000, Deduct</i>	-7.29	

33 42 11 00-0181 Perforated, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0159)

Note: Excludes couplings and gaskets.

33 42 11 00-0182 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0181)

33 42 11 00-0183	LF	4"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	12.59	5.53
			<i>For <100, Add</i>	2.22	
			<i>For >1,000, Deduct</i>	-1.18	
33 42 11 00-0184	LF	6"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.41	6.44
			<i>For <100, Add</i>	2.57	
			<i>For >1,000, Deduct</i>	-1.41	
33 42 11 00-0185	LF	8"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	18.74	7.49
			<i>For <100, Add</i>	2.99	
			<i>For >1,000, Deduct</i>	-1.69	
33 42 11 00-0186	LF	10"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.97	7.75
			<i>For <100, Add</i>	3.10	
			<i>For >1,000, Deduct</i>	-1.82	
33 42 11 00-0187	LF	12"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	21.96	8.02
			<i>For <100, Add</i>	3.21	
			<i>For >1,000, Deduct</i>	-1.90	
33 42 11 00-0188	LF	15"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	24.57	8.31
			<i>For <100, Add</i>	3.32	
			<i>For >1,000, Deduct</i>	-2.06	
33 42 11 00-0189	LF	18"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	29.07	8.61
			<i>For <100, Add</i>	3.45	
			<i>For >1,000, Deduct</i>	-2.32	
33 42 11 00-0190	LF	24"	Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	39.01	10.09
			<i>For <100, Add</i>	4.04	
			<i>For >1,000, Deduct</i>	-2.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0191	LF		30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	55.15	13.58
			<i>For <100, Add</i>	5.43	
			<i>For >1,000, Deduct</i>	-4.12	
33 42 11 00-0192	LF		36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	71.94	17.17
			<i>For <100, Add</i>	6.87	
			<i>For >1,000, Deduct</i>	-5.31	
33 42 11 00-0193			Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0181)</small>		
33 42 11 00-0194	LF		12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.87	8.02
			<i>For <100, Add</i>	3.21	
			<i>For >1,000, Deduct</i>	-1.90	
33 42 11 00-0195	LF		15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	24.98	8.31
			<i>For <100, Add</i>	3.32	
			<i>For >1,000, Deduct</i>	-2.08	
33 42 11 00-0196	LF		18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	29.70	8.61
			<i>For <100, Add</i>	3.45	
			<i>For >1,000, Deduct</i>	-2.35	
33 42 11 00-0197	LF		24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	40.00	10.09
			<i>For <100, Add</i>	4.04	
			<i>For >1,000, Deduct</i>	-3.01	
33 42 11 00-0198	LF		30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	57.69	13.58
			<i>For <100, Add</i>	5.43	
			<i>For >1,000, Deduct</i>	-4.24	
33 42 11 00-0199	LF		36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	73.96	17.17
			<i>For <100, Add</i>	6.87	
			<i>For >1,000, Deduct</i>	-5.41	
33 42 11 00-0200	LF		42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	94.66	18.73
			<i>For <100, Add</i>	7.49	
			<i>For >1,000, Deduct</i>	-6.61	
33 42 11 00-0201	LF		48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	103.56	21.12
			<i>For <100, Add</i>	8.45	
			<i>For >1,000, Deduct</i>	-7.29	
33 42 11 00-0202			Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings <small>(33 42 11 00-0159)</small>		
			Note: Excludes couplings and gaskets.		
33 42 11 00-0203			Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0202)</small>		
33 42 11 00-0204	EA		4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	51.37	20.18
33 42 11 00-0205	EA		6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	64.21	23.55
33 42 11 00-0206	EA		8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	101.94	28.61
33 42 11 00-0207	EA		10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	153.98	35.33
33 42 11 00-0208	EA		12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	240.45	42.07
33 42 11 00-0209	EA		15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	338.55	54.97
33 42 11 00-0210	EA		18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	485.97	74.02
33 42 11 00-0211	EA		24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	620.86	84.50
33 42 11 00-0212	EA		30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,075.78	97.58
33 42 11 00-0213	EA		36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,379.33	112.72
33 42 11 00-0214	EA		42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	2,286.54	134.59
33 42 11 00-0215	EA		48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	2,868.31	159.83
33 42 11 00-0216			Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0202)</small>		
33 42 11 00-0217	EA		4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	73.56	20.18
33 42 11 00-0218	EA		6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	88.56	23.55
33 42 11 00-0219	EA		8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	117.31	28.61
33 42 11 00-0220	EA		10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	170.92	35.33
33 42 11 00-0221	EA		12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	294.97	42.07
33 42 11 00-0222	EA		15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	321.83	54.97
33 42 11 00-0223	EA		18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	453.43	74.02
33 42 11 00-0224			22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0202)</small>		
33 42 11 00-0225	EA		4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	31.46	13.46
33 42 11 00-0226	EA		6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	38.65	15.71
33 42 11 00-0227	EA		8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	55.66	19.06
33 42 11 00-0228	EA		10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	69.97	23.55
33 42 11 00-0229	EA		12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	100.34	28.04
33 42 11 00-0230	EA		15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	156.92	35.89
33 42 11 00-0231	EA		18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	208.31	49.35
33 42 11 00-0232	EA		24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	388.18	56.08
33 42 11 00-0233	EA		30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	536.92	65.05

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0234	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	628.99	75.15
33 42 11 00-0235	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	802.63	89.73
33 42 11 00-0236	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,082.24	106.56
33 42 11 00-0237		45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 42 11 00-0202)		
33 42 11 00-0238	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	33.89	13.46
33 42 11 00-0239	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	43.70	15.71
33 42 11 00-0240	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	58.25	19.06
33 42 11 00-0241	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	90.97	23.55
33 42 11 00-0242	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	100.34	28.04
33 42 11 00-0243	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	156.50	35.89
33 42 11 00-0244	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	242.18	49.35
33 42 11 00-0245	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	414.35	56.08
33 42 11 00-0246	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	538.16	65.05
33 42 11 00-0247	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	685.39	75.15
33 42 11 00-0248	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,020.32	89.73
33 42 11 00-0249	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,277.35	106.56
33 42 11 00-0250		Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 42 11 00-0159)		
		Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0251		Couplings, Corrugated High Density Polyethylene (HDPE) Pipe (33 42 11 00-0250)		
33 42 11 00-0252	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	1.45	
33 42 11 00-0253	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	2.60	
33 42 11 00-0254	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	4.00	
33 42 11 00-0255	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	4.92	
33 42 11 00-0256	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.29	
33 42 11 00-0257	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.53	
33 42 11 00-0258	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	11.14	
33 42 11 00-0259	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	17.74	
33 42 11 00-0260	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	27.23	
33 42 11 00-0261	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	35.63	
33 42 11 00-0262	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	56.01	
33 42 11 00-0263	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	75.76	
33 42 11 00-0264		Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe (33 42 11 00-0250)		
33 42 11 00-0265	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	76.71	
33 42 11 00-0266	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	80.32	
33 42 11 00-0267	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	84.10	
33 42 11 00-0268	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	88.05	
33 42 11 00-0269	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	104.43	
33 42 11 00-0270	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	107.82	
33 42 11 00-0271	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	112.46	
33 42 11 00-0272	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	128.10	
33 42 11 00-0273	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	205.35	
33 42 11 00-0274	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	224.92	
33 42 11 00-0275	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	245.07	
33 42 11 00-0276	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	297.64	
33 42 11 00-0277		End Caps, Corrugated High Density Polyethylene (HDPE) Pipe (33 42 11 00-0250)		
33 42 11 00-0278	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	23.32	
33 42 11 00-0279	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	26.95	
33 42 11 00-0280	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	41.16	
33 42 11 00-0281	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	67.06	
33 42 11 00-0282	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	77.57	
33 42 11 00-0283	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	103.43	
33 42 11 00-0284	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe.....	107.79	
33 42 11 00-0285		Corrugated Metal Piping (33 42 11)		
33 42 11 00-0286		Galvanized Corrugated Steel Piping (33 42 11 00-0285)		
33 42 11 00-0287		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0286)		
33 42 11 00-0288		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0287)		
33 42 11 00-0289	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	29.01	8.53
		For Bituminous Coated Pipe, Add	2.73	
		For Bituminous Coated And 25% Paved, Add	5.58	
		For Smooth-Flo, Add	9.97	
33 42 11 00-0290	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	32.55	8.94
		For Bituminous Coated Pipe, Add	3.44	
		For Bituminous Coated And 25% Paved, Add	7.03	
		For Smooth-Flo, Add	12.55	
33 42 11 00-0291	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	36.22	9.75
		For Bituminous Coated Pipe, Add	4.16	
		For Bituminous Coated And 25% Paved, Add	8.51	
		For Smooth-Flo, Add	15.20	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-0292	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	41.10 4.98 10.19 18.19	10.56
	33 42 11 00-0293	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	45.43 5.60 11.46 20.46	11.37
	33 42 11 00-0294	LF		30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	60.03 7.27 14.87 26.56	14.62
	33 42 11 00-0295	LF		36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	78.03 9.17 18.76 33.49	18.93
	33 42 11 00-0296	LF		42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	88.63 10.85 22.20 39.64	22.37
	33 42 11 00-0297	LF		48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	99.62 12.15 24.86 44.39	25.81
	33 42 11 00-0298			14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³³ <small>^{42 11 00-0287)}</small>		
	33 42 11 00-0299	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	31.45 2.77 6.42 12.98	8.53
	33 42 11 00-0300	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	35.55 3.47 8.05 16.27	8.94
	33 42 11 00-0301	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	39.85 4.21 9.75 19.71	9.75
	33 42 11 00-0302	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	45.29 5.00 11.59 23.43	10.56
	33 42 11 00-0303	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	50.31 5.66 13.12 26.52	11.37
	33 42 11 00-0304	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	65.98 7.27 16.84 34.05	14.62
	33 42 11 00-0305	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	85.26 9.11 21.12 42.68	18.93
	33 42 11 00-0306	LF		42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	96.90 10.73 24.86 50.24	22.37
	33 42 11 00-0307	LF		48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	109.09 12.06 27.93 56.47	25.81
	33 42 11 00-0308	LF		54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	130.08 14.83 34.35 69.44	29.25
	33 42 11 00-0309			12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³³ <small>^{42 11 00-0287)}</small>		
	33 42 11 00-0310	LF		18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	47.36 4.82 8.70 16.72	9.75
	33 42 11 00-0311	LF		21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	54.02 5.70 10.28 19.77	10.56
	33 42 11 00-0312	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	60.26 6.46 11.66 22.41	10.56
	33 42 11 00-0313	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	78.28 8.21 14.83 28.49	14.62

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0314	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	99.85	18.93
			For Bituminous Coated Pipe, Add	10.15	
			For Bituminous Coated And 25% Paved, Add	18.33	
			For Smooth-Flo, Add	35.23	
33 42 11 00-0315	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	113.76	22.37
			For Bituminous Coated Pipe, Add	11.89	
			For Bituminous Coated And 25% Paved, Add	21.48	
			For Smooth-Flo, Add	41.28	
33 42 11 00-0316	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	128.41	25.81
			For Bituminous Coated Pipe, Add	13.43	
			For Bituminous Coated And 25% Paved, Add	24.26	
			For Smooth-Flo, Add	46.62	
33 42 11 00-0317	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	151.42	29.25
			For Bituminous Coated Pipe, Add	16.11	
			For Bituminous Coated And 25% Paved, Add	29.09	
			For Smooth-Flo, Add	55.90	
33 42 11 00-0318	LF		60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	165.52	30.97
			For Bituminous Coated Pipe, Add	17.64	
			For Bituminous Coated And 25% Paved, Add	31.85	
			For Smooth-Flo, Add	61.22	
33 42 11 00-0319	LF		66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	200.43	37.85
			For Bituminous Coated Pipe, Add	21.47	
			For Bituminous Coated And 25% Paved, Add	38.78	
			For Smooth-Flo, Add	74.53	
33 42 11 00-0320			10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³³⁾		
33 42 11 00-0321	LF		^{42 11 00-0287} 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	113.51	18.93
			For Bituminous Coated Pipe, Add	12.91	
			For Bituminous Coated And 25% Paved, Add	21.57	
			For Smooth-Flo, Add	30.78	
33 42 11 00-0322	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	129.75	22.37
			For Bituminous Coated Pipe, Add	15.13	
			For Bituminous Coated And 25% Paved, Add	25.27	
			For Smooth-Flo, Add	36.06	
33 42 11 00-0323	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	146.55	25.81
			For Bituminous Coated Pipe, Add	17.10	
			For Bituminous Coated And 25% Paved, Add	28.56	
			For Smooth-Flo, Add	40.75	
33 42 11 00-0324	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	171.74	29.25
			For Bituminous Coated Pipe, Add	20.25	
			For Bituminous Coated And 25% Paved, Add	33.83	
			For Smooth-Flo, Add	48.27	
33 42 11 00-0325	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	188.13	30.97
			For Bituminous Coated Pipe, Add	22.24	
			For Bituminous Coated And 25% Paved, Add	37.15	
			For Smooth-Flo, Add	53.01	
33 42 11 00-0326	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	225.28	37.85
			For Bituminous Coated Pipe, Add	26.61	
			For Bituminous Coated And 25% Paved, Add	44.44	
			For Smooth-Flo, Add	63.42	
33 42 11 00-0327	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	271.80	55.05
			For Bituminous Coated Pipe, Add	28.57	
			For Bituminous Coated And 25% Paved, Add	47.72	
			For Smooth-Flo, Add	68.09	
33 42 11 00-0328			3" x 1" Corrugation, Galvanized Corrugated Steel Piping ^(33 42 11 00-0286)		
33 42 11 00-0329			16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping ^(33 42 11 00-0328)		
33 42 11 00-0330	LF		36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	90.56	18.93
			For Bituminous Coated Pipe, Add	10.08	
			For Bituminous Coated And 25% Paved, Add	22.89	
			For Smooth-Flo, Add	45.58	
33 42 11 00-0331	LF		42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	102.99	22.37
			For Bituminous Coated Pipe, Add	11.84	
			For Bituminous Coated And 25% Paved, Add	26.88	
			For Smooth-Flo, Add	53.52	
33 42 11 00-0332	LF		48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	115.80	25.81
			For Bituminous Coated Pipe, Add	13.28	
			For Bituminous Coated And 25% Paved, Add	30.15	
			For Smooth-Flo, Add	60.03	
33 42 11 00-0333	LF		54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	137.79	29.25
			For Bituminous Coated Pipe, Add	16.22	
			For Bituminous Coated And 25% Paved, Add	36.82	
			For Smooth-Flo, Add	73.32	
33 42 11 00-0334	LF		60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	150.13	30.97
			For Bituminous Coated Pipe, Add	17.67	
			For Bituminous Coated And 25% Paved, Add	40.12	
			For Smooth-Flo, Add	79.89	
33 42 11 00-0335	LF		66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	187.62	37.85
			For Bituminous Coated Pipe, Add	22.70	
			For Bituminous Coated And 25% Paved, Add	51.53	
			For Smooth-Flo, Add	102.61	
33 42 11 00-0336	LF		72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	230.48	55.05
			For Bituminous Coated Pipe, Add	24.20	
			For Bituminous Coated And 25% Paved, Add	54.93	
			For Smooth-Flo, Add	109.37	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-0337	LF		78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	248.93 25.70 58.34 116.16	60.22
	33 42 11 00-0338	LF		84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	265.05 27.20 61.75 122.95	64.52
	33 42 11 00-0339	LF		90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	281.18 28.71 65.17 129.77	68.82
	33 42 11 00-0340	LF		96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	297.89 30.21 68.57 136.53	73.12
	33 42 11 00-0341	LF		102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	317.06 31.72 72.00 143.37	77.42
33 42 11 00-0342				14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0328)</small>		
	33 42 11 00-0343	LF		54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	150.57 18.78 36.80 74.36	29.25
	33 42 11 00-0344	LF		60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	164.27 20.50 40.18 81.19	30.97
	33 42 11 00-0345	LF		66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	203.17 25.81 50.59 102.22	37.85
	33 42 11 00-0346	LF		72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	247.43 27.59 54.07 109.25	55.05
	33 42 11 00-0347	LF		78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	267.24 29.36 57.55 116.27	60.22
	33 42 11 00-0348	LF		84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	284.80 31.15 61.06 123.36	64.52
	33 42 11 00-0349	LF		90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	302.26 32.93 64.53 130.39	68.82
	33 42 11 00-0350	LF		96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	320.36 34.70 68.01 137.41	73.12
	33 42 11 00-0351	LF		102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	340.89 36.49 71.51 144.48	77.42
	33 42 11 00-0352	LF		108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	363.41 38.27 75.01 151.56	86.02
	33 42 11 00-0353	LF		114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	385.40 40.02 78.45 158.50	94.62
33 42 11 00-0354				12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0328)</small>		
	33 42 11 00-0355	LF		60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	195.64 26.78 51.01 83.14	30.97
	33 42 11 00-0356	LF		66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	237.92 32.76 62.41 101.73	37.85
	33 42 11 00-0357	LF		72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	285.20 35.14 66.95 109.12	55.05
	33 42 11 00-0358	LF		78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	308.08 37.53 71.49 116.53	60.22

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 42 11 00-0359	LF 84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	328.67 39.93 76.06 123.97	64.52
33 42 11 00-0360	LF 90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	349.20 42.31 80.61 131.38	68.82
33 42 11 00-0361	LF 96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	370.39 44.71 85.16 138.81	73.12
33 42 11 00-0362	LF 102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	393.97 47.10 89.73 146.25	77.42
33 42 11 00-0363	LF 108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	419.50 49.49 94.28 153.67	86.02
33 42 11 00-0364	LF 114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	444.57 51.86 98.79 161.02	94.62
33 42 11 00-0365	LF 120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	468.71 54.26 103.36 168.46	103.23
33 42 11 00-0366	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0328)</small>		
33 42 11 00-0367	LF 72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	320.43 42.19 80.16 107.16	55.05
33 42 11 00-0368	LF 78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	346.19 45.15 85.79 114.69	60.22
33 42 11 00-0369	LF 84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	369.68 48.13 91.44 122.25	64.52
33 42 11 00-0370	LF 90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	393.10 51.09 97.08 129.78	68.82
33 42 11 00-0371	LF 96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	417.18 54.06 102.72 137.32	73.12
33 42 11 00-0372	LF 102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	443.66 57.04 108.38 144.88	77.42
33 42 11 00-0373	LF 108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	472.07 60.00 114.01 152.41	86.02
33 42 11 00-0374	LF 114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	500.01 62.95 119.60 159.88	94.62
33 42 11 00-0375	LF 120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	527.06 65.93 125.26 167.45	103.23
33 42 11 00-0376	LF 126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	555.68 68.88 130.87 174.96	111.82
33 42 11 00-0377	LF 132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	586.51 71.86 136.53 182.51	120.43
33 42 11 00-0378	LF 138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	619.97 74.84 142.19 190.09	129.04
33 42 11 00-0379	125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0286)</small>		
33 42 11 00-0380	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0379)</small>		
33 42 11 00-0381	LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	116.17 16.69 38.06 60.43	25.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0382	LF	54"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	138.50	29.25
			<i>For Bituminous Coated Pipe, Add</i>	20.46	
			<i>For Bituminous Coated And 25% Paved, Add</i>	46.64	
			<i>For Smooth-Flo, Add</i>	74.05	
33 42 11 00-0383	LF	60"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	150.75	30.97
			<i>For Bituminous Coated Pipe, Add</i>	22.25	
			<i>For Bituminous Coated And 25% Paved, Add</i>	50.72	
			<i>For Smooth-Flo, Add</i>	80.54	
33 42 11 00-0384	LF	66"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	186.14	37.85
			<i>For Bituminous Coated Pipe, Add</i>	28.01	
			<i>For Bituminous Coated And 25% Paved, Add</i>	63.86	
			<i>For Smooth-Flo, Add</i>	101.39	
33 42 11 00-0385	LF	72"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	228.83	55.05
			<i>For Bituminous Coated Pipe, Add</i>	29.84	
			<i>For Bituminous Coated And 25% Paved, Add</i>	68.02	
			<i>For Smooth-Flo, Add</i>	108.00	
33 42 11 00-0386	LF	78"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	247.06	60.22
			<i>For Bituminous Coated Pipe, Add</i>	31.66	
			<i>For Bituminous Coated And 25% Paved, Add</i>	72.18	
			<i>For Smooth-Flo, Add</i>	114.60	
33 42 11 00-0387	LF	84"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	262.92	64.52
			<i>For Bituminous Coated Pipe, Add</i>	33.47	
			<i>For Bituminous Coated And 25% Paved, Add</i>	76.31	
			<i>For Smooth-Flo, Add</i>	121.16	
33 42 11 00-0388	LF	90"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	278.74	68.82
			<i>For Bituminous Coated Pipe, Add</i>	35.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	80.43	
			<i>For Smooth-Flo, Add</i>	127.70	
33 42 11 00-0389	LF	96"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	295.31	73.12
			<i>For Bituminous Coated Pipe, Add</i>	37.11	
			<i>For Bituminous Coated And 25% Paved, Add</i>	84.62	
			<i>For Smooth-Flo, Add</i>	134.35	
33 42 11 00-0390	LF	102"	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	314.42	77.42
			<i>For Bituminous Coated Pipe, Add</i>	38.99	
			<i>For Bituminous Coated And 25% Paved, Add</i>	88.90	
			<i>For Smooth-Flo, Add</i>	141.14	

33 42 11 00-0391 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0379)

33 42 11 00-0392	LF	54"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	154.48	29.25
			<i>For Bituminous Coated Pipe, Add</i>	19.56	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.97	
			<i>For Smooth-Flo, Add</i>	83.23	
33 42 11 00-0393	LF	60"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	168.52	30.97
			<i>For Bituminous Coated Pipe, Add</i>	21.35	
			<i>For Bituminous Coated And 25% Paved, Add</i>	50.18	
			<i>For Smooth-Flo, Add</i>	90.85	
33 42 11 00-0394	LF	66"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	205.53	37.85
			<i>For Bituminous Coated Pipe, Add</i>	26.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	61.77	
			<i>For Smooth-Flo, Add</i>	111.84	
33 42 11 00-0395	LF	72"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	249.78	55.05
			<i>For Bituminous Coated Pipe, Add</i>	28.06	
			<i>For Bituminous Coated And 25% Paved, Add</i>	65.94	
			<i>For Smooth-Flo, Add</i>	119.39	
33 42 11 00-0396	LF	78"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	269.90	60.22
			<i>For Bituminous Coated Pipe, Add</i>	29.89	
			<i>For Bituminous Coated And 25% Paved, Add</i>	70.25	
			<i>For Smooth-Flo, Add</i>	127.20	
33 42 11 00-0397	LF	84"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	287.55	64.52
			<i>For Bituminous Coated Pipe, Add</i>	31.70	
			<i>For Bituminous Coated And 25% Paved, Add</i>	74.50	
			<i>For Smooth-Flo, Add</i>	134.89	
33 42 11 00-0398	LF	90"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	304.25	68.82
			<i>For Bituminous Coated Pipe, Add</i>	33.32	
			<i>For Bituminous Coated And 25% Paved, Add</i>	78.31	
			<i>For Smooth-Flo, Add</i>	141.79	
33 42 11 00-0399	LF	96"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	323.40	73.12
			<i>For Bituminous Coated Pipe, Add</i>	35.31	
			<i>For Bituminous Coated And 25% Paved, Add</i>	82.97	
			<i>For Smooth-Flo, Add</i>	150.24	
33 42 11 00-0400	LF	102"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	344.01	77.42
			<i>For Bituminous Coated Pipe, Add</i>	37.11	
			<i>For Bituminous Coated And 25% Paved, Add</i>	87.21	
			<i>For Smooth-Flo, Add</i>	157.90	
33 42 11 00-0401	LF	108"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	366.53	86.02
			<i>For Bituminous Coated Pipe, Add</i>	38.90	
			<i>For Bituminous Coated And 25% Paved, Add</i>	91.41	
			<i>For Smooth-Flo, Add</i>	165.50	
33 42 11 00-0402	LF	114"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	388.91	94.62
			<i>For Bituminous Coated Pipe, Add</i>	40.73	
			<i>For Bituminous Coated And 25% Paved, Add</i>	95.71	
			<i>For Smooth-Flo, Add</i>	173.29	

33 42 11 00-0403 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0379)

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0404	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	201.79	30.97
		For Bituminous Coated Pipe, Add	28.01	
		For Bituminous Coated And 25% Paved, Add	53.21	
		For Smooth-Flo, Add	96.06	
33 42 11 00-0405	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	242.17	37.85
		For Bituminous Coated Pipe, Add	33.61	
		For Bituminous Coated And 25% Paved, Add	63.86	
		For Smooth-Flo, Add	115.29	
33 42 11 00-0406	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	289.91	55.05
		For Bituminous Coated Pipe, Add	36.08	
		For Bituminous Coated And 25% Paved, Add	68.56	
		For Smooth-Flo, Add	123.77	
33 42 11 00-0407	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	313.12	60.22
		For Bituminous Coated Pipe, Add	38.54	
		For Bituminous Coated And 25% Paved, Add	73.22	
		For Smooth-Flo, Add	132.19	
33 42 11 00-0408	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	333.89	64.52
		For Bituminous Coated Pipe, Add	40.97	
		For Bituminous Coated And 25% Paved, Add	77.84	
		For Smooth-Flo, Add	140.53	
33 42 11 00-0409	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	354.81	68.82
		For Bituminous Coated Pipe, Add	43.44	
		For Bituminous Coated And 25% Paved, Add	82.53	
		For Smooth-Flo, Add	148.99	
33 42 11 00-0410	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	376.28	73.12
		For Bituminous Coated Pipe, Add	45.88	
		For Bituminous Coated And 25% Paved, Add	87.18	
		For Smooth-Flo, Add	157.38	
33 42 11 00-0411	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	400.10	77.42
		For Bituminous Coated Pipe, Add	48.33	
		For Bituminous Coated And 25% Paved, Add	91.82	
		For Smooth-Flo, Add	165.77	
33 42 11 00-0412	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	426.01	86.02
		For Bituminous Coated Pipe, Add	50.79	
		For Bituminous Coated And 25% Paved, Add	96.50	
		For Smooth-Flo, Add	174.22	
33 42 11 00-0413	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	451.49	94.62
		For Bituminous Coated Pipe, Add	53.24	
		For Bituminous Coated And 25% Paved, Add	101.16	
		For Smooth-Flo, Add	182.62	
33 42 11 00-0414	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	475.88	103.23
		For Bituminous Coated Pipe, Add	55.69	
		For Bituminous Coated And 25% Paved, Add	105.81	
		For Smooth-Flo, Add	191.02	

33 42 11 00-0415 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping

(33 42 11 00-0379)

33 42 11 00-0416	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	328.34	55.05
		For Bituminous Coated Pipe, Add	43.77	
		For Bituminous Coated And 25% Paved, Add	83.16	
		For Smooth-Flo, Add	130.65	
33 42 11 00-0417	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	355.12	60.22
		For Bituminous Coated Pipe, Add	46.94	
		For Bituminous Coated And 25% Paved, Add	89.18	
		For Smooth-Flo, Add	140.11	
33 42 11 00-0418	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	379.23	64.52
		For Bituminous Coated Pipe, Add	50.04	
		For Bituminous Coated And 25% Paved, Add	95.07	
		For Smooth-Flo, Add	149.36	
33 42 11 00-0419	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	403.19	68.82
		For Bituminous Coated Pipe, Add	53.11	
		For Bituminous Coated And 25% Paved, Add	100.91	
		For Smooth-Flo, Add	158.54	
33 42 11 00-0420	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	427.95	73.12
		For Bituminous Coated Pipe, Add	56.22	
		For Bituminous Coated And 25% Paved, Add	106.81	
		For Smooth-Flo, Add	167.81	
33 42 11 00-0421	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	454.94	77.42
		For Bituminous Coated Pipe, Add	59.30	
		For Bituminous Coated And 25% Paved, Add	112.66	
		For Smooth-Flo, Add	177.00	
33 42 11 00-0422	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	484.03	86.02
		For Bituminous Coated Pipe, Add	62.40	
		For Bituminous Coated And 25% Paved, Add	118.55	
		For Smooth-Flo, Add	186.25	
33 42 11 00-0423	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	512.73	94.62
		For Bituminous Coated Pipe, Add	65.49	
		For Bituminous Coated And 25% Paved, Add	124.43	
		For Smooth-Flo, Add	195.49	
33 42 11 00-0424	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	540.27	103.23
		For Bituminous Coated Pipe, Add	68.57	
		For Bituminous Coated And 25% Paved, Add	130.28	
		For Smooth-Flo, Add	204.68	
33 42 11 00-0425	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	574.44	111.82
		For Bituminous Coated Pipe, Add	72.63	
		For Bituminous Coated And 25% Paved, Add	138.00	
		For Smooth-Flo, Add	216.81	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-0426	LF		132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	607.14	120.43
				<i>For Bituminous Coated Pipe, Add</i>	75.98	
				<i>For Bituminous Coated And 25% Paved, Add</i>	144.37	
				<i>For Smooth-Flo, Add</i>	226.81	
	33 42 11 00-0427	LF		138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	643.09	129.04
				<i>For Bituminous Coated Pipe, Add</i>	79.46	
				<i>For Bituminous Coated And 25% Paved, Add</i>	150.98	
				<i>For Smooth-Flo, Add</i>	237.19	
	33 42 11 00-0428			Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0286)</small>		
	33 42 11 00-0429			16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0428)</small>		
	33 42 11 00-0430	LF		18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	41.10	9.75
				<i>For Bituminous Coated Pipe, Add</i>	5.14	
	33 42 11 00-0431	LF		21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	46.82	10.56
				<i>For Bituminous Coated Pipe, Add</i>	6.13	
	33 42 11 00-0432	LF		24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	52.15	11.37
				<i>For Bituminous Coated Pipe, Add</i>	6.96	
	33 42 11 00-0433	LF		30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	68.48	14.62
				<i>For Bituminous Coated Pipe, Add</i>	8.97	
	33 42 11 00-0434	LF		36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	88.38	18.93
				<i>For Bituminous Coated Pipe, Add</i>	11.24	
	33 42 11 00-0435	LF		42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	100.67	22.37
				<i>For Bituminous Coated Pipe, Add</i>	13.25	
	33 42 11 00-0436	LF		48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	113.42	25.81
				<i>For Bituminous Coated Pipe, Add</i>	14.92	
	33 42 11 00-0437	LF		54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	135.10	29.25
				<i>For Bituminous Coated Pipe, Add</i>	18.27	
	33 42 11 00-0438	LF		60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	147.38	30.97
				<i>For Bituminous Coated Pipe, Add</i>	19.95	
	33 42 11 00-0439			14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0428)</small>		
	33 42 11 00-0440	LF		18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	44.78	9.75
				<i>For Bituminous Coated Pipe, Add</i>	5.95	
	33 42 11 00-0441	LF		21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	51.13	10.56
				<i>For Bituminous Coated Pipe, Add</i>	7.07	
	33 42 11 00-0442	LF		24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	57.05	11.37
				<i>For Bituminous Coated Pipe, Add</i>	8.03	
	33 42 11 00-0443	LF		30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	74.57	14.62
				<i>For Bituminous Coated Pipe, Add</i>	10.30	
	33 42 11 00-0444	LF		36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	95.72	18.93
				<i>For Bituminous Coated Pipe, Add</i>	12.84	
	33 42 11 00-0445	LF		42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	109.26	22.37
				<i>For Bituminous Coated Pipe, Add</i>	15.12	
	33 42 11 00-0446	LF		48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	123.23	25.81
				<i>For Bituminous Coated Pipe, Add</i>	17.05	
	33 42 11 00-0447	LF		54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	146.12	29.25
				<i>For Bituminous Coated Pipe, Add</i>	20.66	
	33 42 11 00-0448	LF		60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	159.65	30.97
				<i>For Bituminous Coated Pipe, Add</i>	22.61	
	33 42 11 00-0449	LF		66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	195.72	37.85
				<i>For Bituminous Coated Pipe, Add</i>	28.09	
	33 42 11 00-0450	LF		72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	239.43	55.05
				<i>For Bituminous Coated Pipe, Add</i>	30.02	
	33 42 11 00-0451	LF		78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	258.85	60.22
				<i>For Bituminous Coated Pipe, Add</i>	31.98	
	33 42 11 00-0452			12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0428)</small>		
	33 42 11 00-0453	LF		30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	86.93	14.62
				<i>For Bituminous Coated Pipe, Add</i>	10.76	
	33 42 11 00-0454	LF		36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	110.48	18.93
				<i>For Bituminous Coated Pipe, Add</i>	13.29	
	33 42 11 00-0455	LF		42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	126.55	22.37
				<i>For Bituminous Coated Pipe, Add</i>	15.64	
	33 42 11 00-0456	LF		48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	142.95	25.81
				<i>For Bituminous Coated Pipe, Add</i>	17.68	
	33 42 11 00-0457	LF		54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	168.34	29.25
				<i>For Bituminous Coated Pipe, Add</i>	21.10	
	33 42 11 00-0458	LF		60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	184.36	30.97
				<i>For Bituminous Coated Pipe, Add</i>	23.17	
	33 42 11 00-0459	LF		66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	222.84	37.85
				<i>For Bituminous Coated Pipe, Add</i>	28.11	
	33 42 11 00-0460	LF		72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	268.99	55.05
				<i>For Bituminous Coated Pipe, Add</i>	30.15	
	33 42 11 00-0461	LF		78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	290.84	60.22
				<i>For Bituminous Coated Pipe, Add</i>	32.21	
	33 42 11 00-0462	LF		84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	310.31	64.52
				<i>For Bituminous Coated Pipe, Add</i>	34.26	
	33 42 11 00-0463	LF		90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	329.73	68.82
				<i>For Bituminous Coated Pipe, Add</i>	36.31	
	33 42 11 00-0464	LF		96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	349.78	73.12
				<i>For Bituminous Coated Pipe, Add</i>	38.35	
	33 42 11 00-0465	LF		102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	371.02	77.42
				<i>For Bituminous Coated Pipe, Add</i>	40.17	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 42 11 00-0466		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0286)</small>			
33 42 11 00-0467		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0466)</small>			
33 42 11 00-0468	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	15.11 1.31		4.87
33 42 11 00-0469	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.21 1.58		4.87
33 42 11 00-0470	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	18.91 1.74		6.09
33 42 11 00-0471	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.30 2.08		6.09
33 42 11 00-0472	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.92 2.19		7.31
33 42 11 00-0473	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	25.69 2.62		7.31
33 42 11 00-0474		Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0466)</small>			
33 42 11 00-0475	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	15.27 1.30		4.87
33 42 11 00-0476	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.33 1.55		4.87
33 42 11 00-0477	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	19.06 1.70		6.09
33 42 11 00-0478	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.54 2.05		6.09
33 42 11 00-0479	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	24.18 2.16		7.31
33 42 11 00-0480	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	25.99 2.58		7.31
33 42 11 00-0481		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings <small>(33 42 11 00-0466)</small>			
33 42 11 00-0482	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	8.12 1.83		
33 42 11 00-0483	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.75 2.42		
33 42 11 00-0484	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.18 2.97		
33 42 11 00-0485	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	29.28 4.04		
33 42 11 00-0486	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	7.15 0.92		
33 42 11 00-0487	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	8.95 1.38		
33 42 11 00-0488		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0286)</small>			
33 42 11 00-0489		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0488)</small>			
33 42 11 00-0490	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	45.12		8.53
33 42 11 00-0491	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	52.86		8.94
33 42 11 00-0492	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	60.85		9.75
33 42 11 00-0493	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	70.53		10.56
33 42 11 00-0494	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	78.60		11.37
33 42 11 00-0495	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	102.99		14.62
33 42 11 00-0496	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	132.28		18.93
33 42 11 00-0497	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	152.79		22.37
33 42 11 00-0498	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	171.51		25.81
33 42 11 00-0499		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0488)</small>			
33 42 11 00-0500	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	51.05		8.53
33 42 11 00-0501	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	60.21		8.94
33 42 11 00-0502	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	69.65		9.75
33 42 11 00-0503	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	80.72		10.56
33 42 11 00-0504	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	90.43		11.37
33 42 11 00-0505	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	117.52		14.62
33 42 11 00-0506	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	149.82		18.93
33 42 11 00-0507	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	172.92		22.37
33 42 11 00-0508	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	194.48		25.81
33 42 11 00-0509	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	235.13		29.25
33 42 11 00-0510		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0488)</small>			
33 42 11 00-0511	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	87.99		9.75
33 42 11 00-0512	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	102.13		10.56
33 42 11 00-0513	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	114.78		11.37
33 42 11 00-0514	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	147.93		14.62
33 42 11 00-0515	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	178.86		18.93
33 42 11 00-0516	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	215.46		22.37
33 42 11 00-0517	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	243.04		25.81
33 42 11 00-0518	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	290.53		29.25

MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0519 LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	317.44	30.97
33 42 11 00-0520 LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	388.60	37.85
33 42 11 00-0521	10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42		
	<small>11 00-0488)</small>		
33 42 11 00-0522 LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	219.66	18.93
33 42 11 00-0523 LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	254.22	22.37
33 42 11 00-0524 LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	287.06	25.81
33 42 11 00-0525 LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	339.84	29.25
33 42 11 00-0526 LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	372.34	30.97
33 42 11 00-0527 LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	448.90	37.85
33 42 11 00-0528 LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	511.31	55.05
33 42 11 00-0529	3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0286)		
33 42 11 00-0530	16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0529)		
33 42 11 00-0531 LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	165.95	18.93
33 42 11 00-0532 LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	191.62	22.37
33 42 11 00-0533 LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	215.04	25.81
33 42 11 00-0534 LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	259.88	29.25
33 42 11 00-0535 LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	282.97	30.97
33 42 11 00-0536 LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	359.74	37.85
33 42 11 00-0537 LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	413.71	55.05
33 42 11 00-0538 LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	443.23	60.22
33 42 11 00-0539 LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	470.49	64.52
33 42 11 00-0540 LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	497.75	68.82
33 42 11 00-0541 LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	525.56	73.12
33 42 11 00-0542 LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	555.91	77.42
33 42 11 00-0543	14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0529)		
33 42 11 00-0544 LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	291.59	29.25
33 42 11 00-0545 LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	318.02	30.97
33 42 11 00-0546 LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	398.34	37.85
33 42 11 00-0547 LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	455.70	55.05
33 42 11 00-0548 LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	488.65	60.22
33 42 11 00-0549 LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	519.46	64.52
33 42 11 00-0550 LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	550.05	68.82
33 42 11 00-0551 LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	581.27	73.12
33 42 11 00-0552 LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	615.07	77.42
33 42 11 00-0553 LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	650.78	86.02
33 42 11 00-0554 LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	685.71	94.62
33 42 11 00-0555	12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0529)		
33 42 11 00-0556 LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	397.75	30.97
33 42 11 00-0557 LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	487.04	37.85
33 42 11 00-0558 LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	552.09	55.05
33 42 11 00-0559 LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	592.77	60.22
33 42 11 00-0560 LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	631.27	64.52
33 42 11 00-0561 LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	669.60	68.82
33 42 11 00-0562 LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	708.61	73.12
33 42 11 00-0563 LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	750.09	77.42
33 42 11 00-0564 LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	793.42	86.02
33 42 11 00-0565 LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	836.20	94.62
33 42 11 00-0566 LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	878.25	103.23
33 42 11 00-0567	10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0529)		
33 42 11 00-0568 LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	639.92	55.05
33 42 11 00-0569 LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	687.75	60.22
33 42 11 00-0570 LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	733.48	64.52
33 42 11 00-0571 LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	778.99	68.82
33 42 11 00-0572 LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	825.23	73.12
33 42 11 00-0573 LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	873.92	77.42
33 42 11 00-0574 LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	924.47	86.02
33 42 11 00-0575 LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	974.41	94.62
33 42 11 00-0576 LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,023.66	103.23
33 42 11 00-0577 LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,074.34	111.82
33 42 11 00-0578 LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,127.38	120.43
33 42 11 00-0579 LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,183.06	129.04
33 42 11 00-0580	125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0286)		
33 42 11 00-0581	16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0580)		
33 42 11 00-0582 LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	208.21	25.81
33 42 11 00-0583 LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	252.36	29.25
33 42 11 00-0584 LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	274.35	30.97
33 42 11 00-0585 LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	343.72	37.85
33 42 11 00-0586 LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	396.38	55.05
33 42 11 00-0587 LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	424.54	60.22

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0588	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	450.25	64.52
33 42 11 00-0589	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	475.88	68.82
33 42 11 00-0590	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	502.40	73.12
33 42 11 00-0591	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	531.79	77.42

33 42 11 00-0592 14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel**Piping** (33 42 11 00-0580)

33 42 11 00-0593	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	290.02	29.25
33 42 11 00-0594	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	316.29	30.97
33 42 11 00-0595	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	389.46	37.85
33 42 11 00-0596	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	445.81	55.05
33 42 11 00-0597	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	478.43	60.22
33 42 11 00-0598	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	508.34	64.52
33 42 11 00-0599	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	536.07	68.82
33 42 11 00-0600	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	568.71	73.12
33 42 11 00-0601	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	601.60	77.42
33 42 11 00-0602	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	636.24	86.02
33 42 11 00-0603	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	671.07	94.62

33 42 11 00-0604 12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel**Piping** (33 42 11 00-0580)

33 42 11 00-0605	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	400.36	30.97
33 42 11 00-0606	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	482.48	37.85
33 42 11 00-0607	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	547.61	55.05
33 42 11 00-0608	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	587.96	60.22
33 42 11 00-0609	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	625.75	64.52
33 42 11 00-0610	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	663.98	68.82
33 42 11 00-0611	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	702.62	73.12
33 42 11 00-0612	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	743.51	77.42
33 42 11 00-0613	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	786.73	86.02
33 42 11 00-0614	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	829.37	94.62
33 42 11 00-0615	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	870.90	103.23

33 42 11 00-0616 10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel**Piping** (33 42 11 00-0580)

33 42 11 00-0617	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	639.88	55.05
33 42 11 00-0618	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	688.81	60.22
33 42 11 00-0619	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	734.69	64.52
33 42 11 00-0620	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	780.17	68.82
33 42 11 00-0621	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	826.63	73.12
33 42 11 00-0622	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	875.24	77.42
33 42 11 00-0623	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	926.01	86.02
33 42 11 00-0624	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	976.39	94.62
33 42 11 00-0625	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,025.54	103.23
33 42 11 00-0626	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,088.16	111.82
33 42 11 00-0627	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,144.36	120.43
33 42 11 00-0628	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,204.67	129.04

33 42 11 00-0629 Galvanized Corrugated Steel Pipe-Arch (33 42 11 00-0285)**33 42 11 00-0630 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch** (33 42 11 00-0629)**33 42 11 00-0631 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch** (33 42 11 00-0630)

33 42 11 00-0632	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	33.37	8.94
		<i>For Bituminous Coated Pipe, Add</i>	3.74	
		<i>For Bituminous Coated And 25% Paved, Add</i>	9.04	
		<i>For Smooth-Flo, Add</i>	14.91	
33 42 11 00-0633	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	36.96	9.75
		<i>For Bituminous Coated Pipe, Add</i>	4.47	
		<i>For Bituminous Coated And 25% Paved, Add</i>	10.80	
		<i>For Smooth-Flo, Add</i>	17.81	
33 42 11 00-0634	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	42.12	10.56
		<i>For Bituminous Coated Pipe, Add</i>	5.38	
		<i>For Bituminous Coated And 25% Paved, Add</i>	13.00	
		<i>For Smooth-Flo, Add</i>	21.45	
33 42 11 00-0635	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	47.16	11.37
		<i>For Bituminous Coated Pipe, Add</i>	6.20	
		<i>For Bituminous Coated And 25% Paved, Add</i>	14.98	
		<i>For Smooth-Flo, Add</i>	24.71	
33 42 11 00-0636	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	61.59	14.62
		<i>For Bituminous Coated Pipe, Add</i>	7.87	
		<i>For Bituminous Coated And 25% Paved, Add</i>	19.02	
		<i>For Smooth-Flo, Add</i>	31.38	
33 42 11 00-0637	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	80.89	18.93
		<i>For Bituminous Coated Pipe, Add</i>	10.15	
		<i>For Bituminous Coated And 25% Paved, Add</i>	24.53	
		<i>For Smooth-Flo, Add</i>	40.46	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0638	14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0630)</small>		
33 42 11 00-0639	LF 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	36.40	8.94
	<i>For Bituminous Coated Pipe, Add</i>	3.88	
	<i>For Bituminous Coated And 25% Paved, Add</i>	9.08	
	<i>For Smooth-Flo, Add</i>	14.89	
33 42 11 00-0640	LF 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	40.67	9.75
	<i>For Bituminous Coated Pipe, Add</i>	4.65	
	<i>For Bituminous Coated And 25% Paved, Add</i>	10.89	
	<i>For Smooth-Flo, Add</i>	17.86	
33 42 11 00-0641	LF 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	46.25	10.56
	<i>For Bituminous Coated Pipe, Add</i>	5.53	
	<i>For Bituminous Coated And 25% Paved, Add</i>	12.94	
	<i>For Smooth-Flo, Add</i>	21.23	
33 42 11 00-0642	LF 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	51.95	11.37
	<i>For Bituminous Coated Pipe, Add</i>	6.38	
	<i>For Bituminous Coated And 25% Paved, Add</i>	14.92	
	<i>For Smooth-Flo, Add</i>	24.48	
33 42 11 00-0643	LF 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	67.57	14.62
	<i>For Bituminous Coated Pipe, Add</i>	8.08	
	<i>For Bituminous Coated And 25% Paved, Add</i>	18.90	
	<i>For Smooth-Flo, Add</i>	31.00	
33 42 11 00-0644	LF 24" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	88.01	18.93
	<i>For Bituminous Coated Pipe, Add</i>	10.29	
	<i>For Bituminous Coated And 25% Paved, Add</i>	24.08	
	<i>For Smooth-Flo, Add</i>	39.49	
33 42 11 00-0645	LF 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	100.81	22.37
	<i>For Bituminous Coated Pipe, Add</i>	12.26	
	<i>For Bituminous Coated And 25% Paved, Add</i>	28.68	
	<i>For Smooth-Flo, Add</i>	47.04	
33 42 11 00-0646	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0630)</small>		
33 42 11 00-0647	LF 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	52.60	10.32
	<i>For Bituminous Coated Pipe, Add</i>	5.04	
	<i>For Bituminous Coated And 25% Paved, Add</i>	11.21	
	<i>For Smooth-Flo, Add</i>	17.23	
33 42 11 00-0648	LF 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	59.87	11.18
	<i>For Bituminous Coated Pipe, Add</i>	5.97	
	<i>For Bituminous Coated And 25% Paved, Add</i>	13.29	
	<i>For Smooth-Flo, Add</i>	20.44	
33 42 11 00-0649	LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	67.11	12.05
	<i>For Bituminous Coated Pipe, Add</i>	6.85	
	<i>For Bituminous Coated And 25% Paved, Add</i>	15.24	
	<i>For Smooth-Flo, Add</i>	23.44	
33 42 11 00-0650	LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	86.91	15.49
	<i>For Bituminous Coated Pipe, Add</i>	8.62	
	<i>For Bituminous Coated And 25% Paved, Add</i>	19.19	
	<i>For Smooth-Flo, Add</i>	29.51	
33 42 11 00-0651	LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	102.52	18.93
	<i>For Bituminous Coated Pipe, Add</i>	10.79	
	<i>For Bituminous Coated And 25% Paved, Add</i>	24.02	
	<i>For Smooth-Flo, Add</i>	36.93	
33 42 11 00-0652	LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	117.56	22.37
	<i>For Bituminous Coated Pipe, Add</i>	12.76	
	<i>For Bituminous Coated And 25% Paved, Add</i>	28.40	
	<i>For Smooth-Flo, Add</i>	43.67	
33 42 11 00-0653	LF 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	136.89	25.81
	<i>For Bituminous Coated Pipe, Add</i>	15.14	
	<i>For Bituminous Coated And 25% Paved, Add</i>	33.68	
	<i>For Smooth-Flo, Add</i>	51.79	
33 42 11 00-0654	LF 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	153.29	29.25
	<i>For Bituminous Coated Pipe, Add</i>	16.71	
	<i>For Bituminous Coated And 25% Paved, Add</i>	37.19	
	<i>For Smooth-Flo, Add</i>	57.19	
33 42 11 00-0655	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0630)</small>		
33 42 11 00-0656	LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	116.18	18.93
	<i>For Bituminous Coated Pipe, Add</i>	13.00	
	<i>For Bituminous Coated And 25% Paved, Add</i>	27.37	
	<i>For Smooth-Flo, Add</i>	34.52	
33 42 11 00-0657	LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	133.49	22.37
	<i>For Bituminous Coated Pipe, Add</i>	15.34	
	<i>For Bituminous Coated And 25% Paved, Add</i>	32.29	
	<i>For Smooth-Flo, Add</i>	40.72	
33 42 11 00-0658	LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	154.94	25.81
	<i>For Bituminous Coated Pipe, Add</i>	18.05	
	<i>For Bituminous Coated And 25% Paved, Add</i>	37.99	
	<i>For Smooth-Flo, Add</i>	47.92	
33 42 11 00-0659	LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	173.70	29.25
	<i>For Bituminous Coated Pipe, Add</i>	20.01	
	<i>For Bituminous Coated And 25% Paved, Add</i>	42.13	
	<i>For Smooth-Flo, Add</i>	53.13	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 42 11 00-0660	LF 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	190.23 21.97 46.25 58.33	30.97
33 42 11 00-0661	3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0629)</small>		
33 42 11 00-0662	14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0661)</small>		
33 42 11 00-0663	LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	153.10 19.28 58.62 65.57	29.25
33 42 11 00-0664	LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	167.27 21.10 64.15 71.75	30.97
33 42 11 00-0665	LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	206.63 26.50 80.57 90.11	37.85
33 42 11 00-0666	LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	251.56 28.41 86.38 96.61	55.05
33 42 11 00-0667	LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	272.54 30.42 92.48 103.43	60.22
33 42 11 00-0668	LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	291.24 32.44 98.62 110.30	64.52
33 42 11 00-0669	LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	309.86 34.45 104.72 117.12	68.82
33 42 11 00-0670	LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	329.09 36.45 110.80 123.92	73.12
33 42 11 00-0671	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0661)</small>		
33 42 11 00-0672	LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	198.68 27.38 71.75 84.89	30.97
33 42 11 00-0673	LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	241.46 33.47 87.69 103.76	37.85
33 42 11 00-0674	LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	289.48 36.00 94.31 111.59	55.05
33 42 11 00-0675	LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	313.52 38.62 101.18 119.72	60.22
33 42 11 00-0676	LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	335.28 41.25 108.07 127.87	64.52
33 42 11 00-0677	LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	356.99 43.87 114.94 136.00	68.82
33 42 11 00-0678	LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	379.28 46.48 121.79 144.10	73.12
33 42 11 00-0679	LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	404.09 49.13 128.71 152.29	77.42
33 42 11 00-0680	LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	430.80 51.75 135.59 160.43	86.02
33 42 11 00-0681	LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	458.46 54.64 143.15 169.37	94.62
33 42 11 00-0682	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0661)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-0683	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	324.71 43.04 102.44 111.27	55.05
	33 42 11 00-0684	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	351.66 46.25 110.07 119.55	60.22
	33 42 11 00-0685	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	376.32 49.46 117.71 127.84	64.52
	33 42 11 00-0686	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	400.86 52.65 125.30 136.09	68.82
	33 42 11 00-0687	LF		112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	426.08 55.84 132.91 144.36	73.12
	33 42 11 00-0688	LF		117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	453.74 59.06 140.55 152.66	77.42
	33 42 11 00-0689	LF		128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	483.35 62.26 148.18 160.94	86.02
	33 42 11 00-0690	LF		137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	513.67 65.68 156.31 169.78	94.62
	33 42 11 00-0691	LF		142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	546.34 69.78 166.08 180.39	103.23
	33 42 11 00-0692			125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0629)</small>		
	33 42 11 00-0693			12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0692)</small>		
	33 42 11 00-0694	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	292.94 36.69 89.52 113.92	55.05
	33 42 11 00-0695	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	316.63 39.24 95.75 121.84	60.22
	33 42 11 00-0696	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	337.86 41.76 101.90 129.68	64.52
	33 42 11 00-0697	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	359.06 44.29 108.06 137.51	68.82
	33 42 11 00-0698	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	380.98 46.82 114.25 145.39	73.12
	33 42 11 00-0699	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	405.51 49.41 120.56 153.42	77.42
	33 42 11 00-0700	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	431.94 51.98 126.83 161.39	86.02
	33 42 11 00-0701	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	461.26 55.20 134.68 171.38	94.62
	33 42 11 00-0702			10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0692)</small>		
	33 42 11 00-0703	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	331.94 44.49 100.55 109.22	55.05
	33 42 11 00-0704	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch For Bituminous Coated Pipe, Add For Bituminous Coated And 25% Paved, Add For Smooth-Flo, Add	358.75 47.66 107.72 117.02	60.22

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0705	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	383.15 50.82 114.86 124.77	64.52
33 42 11 00-0706	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	407.61 54.00 122.03 132.56	68.82
33 42 11 00-0707	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	432.17 57.06 128.96 140.09	73.12
33 42 11 00-0708	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	460.29 60.37 136.43 148.20	77.42
33 42 11 00-0709	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	489.95 63.58 143.69 156.09	86.02
33 42 11 00-0710	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	522.48 67.44 152.41 165.57	94.62
33 42 11 00-0711	LF		142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	552.85 71.08 160.65 174.51	103.23
33 42 11 00-0712			2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0629)		
33 42 11 00-0713			16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0712)		
33 42 11 00-0714	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	52.91	8.94
33 42 11 00-0715	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	60.32	9.75
33 42 11 00-0716	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	70.30	10.56
33 42 11 00-0717	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	79.68	11.37
33 42 11 00-0718	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	103.02	14.62
33 42 11 00-0719	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	134.71	18.93
33 42 11 00-0720			14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0712)		
33 42 11 00-0721	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	59.89	8.94
33 42 11 00-0722	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	68.84	9.75
33 42 11 00-0723	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	79.81	10.56
33 42 11 00-0724	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	90.74	11.37
33 42 11 00-0725	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	116.76	14.62
33 42 11 00-0726	LF		42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	151.06	18.93
33 42 11 00-0727	LF		49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	176.08	22.37
33 42 11 00-0728			12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0712)		
33 42 11 00-0729	LF		21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	89.73	9.75
33 42 11 00-0730	LF		24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	104.55	10.56
33 42 11 00-0731	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	118.76	11.37
33 42 11 00-0732	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	151.73	14.62
33 42 11 00-0733	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	193.30	18.93
33 42 11 00-0734	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	225.27	22.37
33 42 11 00-0735	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	265.49	25.81
33 42 11 00-0736	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	294.93	29.25
33 42 11 00-0737			10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0712)		
33 42 11 00-0738	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	226.43	18.93
33 42 11 00-0739	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	263.93	22.37
33 42 11 00-0740	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	309.32	25.81
33 42 11 00-0741	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	344.47	29.25
33 42 11 00-0742	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	377.33	30.97
33 42 11 00-0743			3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0629)		
33 42 11 00-0744			14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0743)		
33 42 11 00-0745	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	297.81	29.25
33 42 11 00-0746	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	325.34	30.97
33 42 11 00-0747	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	406.83	37.85
33 42 11 00-0748	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	465.90	55.05
33 42 11 00-0749	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	501.75	60.22
33 42 11 00-0750	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	535.36	64.52
33 42 11 00-0751	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	568.82	68.82
33 42 11 00-0752	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	602.99	73.12
33 42 11 00-0753			12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0743)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0754	LF			66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	405.22	30.97
33 42 11 00-0755	LF			73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	495.76	37.85
33 42 11 00-0756	LF			81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	562.68	55.05
33 42 11 00-0757	LF			87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	606.25	60.22
33 42 11 00-0758	LF			95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	647.62	64.52
33 42 11 00-0759	LF			103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	688.92	68.82
33 42 11 00-0760	LF			112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	730.76	73.12
33 42 11 00-0761	LF			117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	775.24	77.42
33 42 11 00-0762	LF			128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	821.54	86.02
33 42 11 00-0763	LF			137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	870.75	94.62

33 42 11 00-0764 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0743)

33 42 11 00-0765	LF			81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	650.49	55.05
33 42 11 00-0766	LF			87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	701.31	60.22
33 42 11 00-0767	LF			95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	749.94	64.52
33 42 11 00-0768	LF			103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	798.30	68.82
33 42 11 00-0769	LF			112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	847.37	73.12
33 42 11 00-0770	LF			117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	899.03	77.42
33 42 11 00-0771	LF			128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	952.56	86.02
33 42 11 00-0772	LF			137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,008.36	94.62
33 42 11 00-0773	LF			142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,071.64	103.23

33 42 11 00-0774 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0629)

33 42 11 00-0775 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0774)

33 42 11 00-0776	LF			81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	554.79	55.05
33 42 11 00-0777	LF			87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	596.38	60.22
33 42 11 00-0778	LF			95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	635.29	64.52
33 42 11 00-0779	LF			103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	674.13	68.82
33 42 11 00-0780	LF			112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	713.84	73.12
33 42 11 00-0781	LF			117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	756.48	77.42
33 42 11 00-0782	LF			128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	800.88	86.02
33 42 11 00-0783	LF			137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	852.76	94.62

33 42 11 00-0784 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 42 11 00-0774)

33 42 11 00-0785	LF			81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	648.44	55.05
33 42 11 00-0786	LF			87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	697.46	60.22
33 42 11 00-0787	LF			95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	743.97	64.52
33 42 11 00-0788	LF			103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	790.67	68.82
33 42 11 00-0789	LF			112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	836.77	73.12
33 42 11 00-0790	LF			117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	888.00	77.42
33 42 11 00-0791	LF			128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	940.19	86.02
33 42 11 00-0792	LF			137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	999.86	94.62
33 42 11 00-0793	LF			142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,055.62	103.23

33 42 11 00-0794 Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0285)

33 42 11 00-0795 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0794)

33 42 11 00-0796 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0795)

33 42 11 00-0797	LF			12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	31.50	8.53
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	5.56	
33 42 11 00-0798	LF			15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	35.69	8.94
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	7.01	
33 42 11 00-0799	LF			18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	40.05	9.75
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	8.50	
33 42 11 00-0800	LF			21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	45.66	10.56
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.16	
33 42 11 00-0801	LF			24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	50.59	11.37
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	11.44	
33 42 11 00-0802	LF			30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	66.72	14.62
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	14.84	
33 42 11 00-0803	LF			36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	86.48	18.93
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	18.72	
33 42 11 00-0804	LF			42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	98.60	22.37
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	22.14	
33 42 11 00-0805	LF			48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	110.81	25.81
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	24.81	

33 42 11 00-0806 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0795)

33 42 11 00-0807	LF			12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	34.51	8.53
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	5.29	
33 42 11 00-0808	LF			15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	39.41	8.94
				<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	6.63	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-809	LF	18"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	44.47 8.02	9.75
33 42 11 00-810	LF	21"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	50.79 9.54	10.56
33 42 11 00-811	LF	24"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.54 10.79	11.37
33 42 11 00-812	LF	30"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	74.00 13.86	14.62
33 42 11 00-813	LF	36"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	95.29 17.37	18.93
33 42 11 00-814	LF	42"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	108.75 20.46	22.37
33 42 11 00-815	LF	48"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	122.38 22.99	25.81
33 42 11 00-816	LF	54"	14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	146.41 28.26	29.25
33 42 11 00-817			12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0795)</small>		
33 42 11 00-818	LF	18"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	53.77 7.47	9.75
33 42 11 00-819	LF	21"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	61.64 8.84	10.56
33 42 11 00-820	LF	24"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	68.87 10.02	11.37
33 42 11 00-821	LF	30"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	89.39 12.77	14.62
33 42 11 00-822	LF	36"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	113.85 15.85	18.93
33 42 11 00-823	LF	42"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	130.26 18.59	22.37
33 42 11 00-824	LF	48"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	146.92 20.97	25.81
33 42 11 00-825	LF	54"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	174.44 25.32	29.25
33 42 11 00-826	LF	60"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	190.51 27.68	30.97
33 42 11 00-827	LF	66"	12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	232.45 34.04	37.85
33 42 11 00-828			10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0795)</small>		
33 42 11 00-829	LF	36"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	130.55 17.36	18.93
33 42 11 00-830	LF	42"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	149.79 20.35	22.37
33 42 11 00-831	LF	48"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	169.08 22.98	25.81
33 42 11 00-832	LF	54"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	199.29 27.38	29.25
33 42 11 00-833	LF	60"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	218.17 30.03	30.97
33 42 11 00-834	LF	66"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	262.83 36.23	37.85
33 42 11 00-835	LF	72"	10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	311.82 38.85	55.05
33 42 11 00-836			3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0794)</small>		
33 42 11 00-837			16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0836)</small>		
33 42 11 00-838	LF	36"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	99.60 20.81	18.93
33 42 11 00-839	LF	42"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	113.62 24.44	22.37
33 42 11 00-840	LF	48"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	127.71 27.41	25.81
33 42 11 00-841	LF	54"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	152.33 33.48	29.25
33 42 11 00-842	LF	60"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	165.97 36.47	30.97
33 42 11 00-843	LF	66"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	207.96 46.85	37.85
33 42 11 00-844	LF	72"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	252.16 49.93	55.05
33 42 11 00-845	LF	78"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	271.94 53.03	60.22
33 42 11 00-846	LF	84"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	289.42 56.13	64.52
33 42 11 00-847	LF	90"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	306.88 59.24	68.82
33 42 11 00-848	LF	96"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	324.95 62.33	73.12
33 42 11 00-849	LF	102"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	345.48 65.46	77.42

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0850 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping				
<small>(33 42 11 00-0836)</small>				
33 42 11 00-0851	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	167.41	29.25
For 1/2 Bituminous Coated And 25% Paved, Add			29.01	
33 42 11 00-0852	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	182.63	30.97
For 1/2 Bituminous Coated And 25% Paved, Add			31.67	
33 42 11 00-0853	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	226.30	37.85
For 1/2 Bituminous Coated And 25% Paved, Add			39.87	
33 42 11 00-0854	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	272.14	55.05
For 1/2 Bituminous Coated And 25% Paved, Add			42.61	
33 42 11 00-0855	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	293.54	60.22
For 1/2 Bituminous Coated And 25% Paved, Add			45.35	
33 42 11 00-0856	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	312.72	64.52
For 1/2 Bituminous Coated And 25% Paved, Add			48.12	
33 42 11 00-0857	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	331.77	68.82
For 1/2 Bituminous Coated And 25% Paved, Add			50.86	
33 42 11 00-0858	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	351.45	73.12
For 1/2 Bituminous Coated And 25% Paved, Add			53.60	
33 42 11 00-0859	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	373.60	77.42
For 1/2 Bituminous Coated And 25% Paved, Add			56.37	
33 42 11 00-0860	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	397.70	86.02
For 1/2 Bituminous Coated And 25% Paved, Add			59.12	
33 42 11 00-0861	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	421.28	94.62
For 1/2 Bituminous Coated And 25% Paved, Add			61.83	
33 42 11 00-0862 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping				
<small>(33 42 11 00-0836)</small>				
33 42 11 00-0863	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	219.68	30.97
For 1/2 Bituminous Coated And 25% Paved, Add			42.48	
33 42 11 00-0864	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.31	37.85
For 1/2 Bituminous Coated And 25% Paved, Add			51.97	
33 42 11 00-0865	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	316.72	55.05
For 1/2 Bituminous Coated And 25% Paved, Add			55.74	
33 42 11 00-0866	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	341.74	60.22
For 1/2 Bituminous Coated And 25% Paved, Add			59.53	
33 42 11 00-0867	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	364.50	64.52
For 1/2 Bituminous Coated And 25% Paved, Add			63.34	
33 42 11 00-0868	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	387.17	68.82
For 1/2 Bituminous Coated And 25% Paved, Add			67.13	
33 42 11 00-0869	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	410.46	73.12
For 1/2 Bituminous Coated And 25% Paved, Add			70.91	
33 42 11 00-0870	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	436.20	77.42
For 1/2 Bituminous Coated And 25% Paved, Add			74.71	
33 42 11 00-0871	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	463.88	86.02
For 1/2 Bituminous Coated And 25% Paved, Add			78.50	
33 42 11 00-0872	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	491.08	94.62
For 1/2 Bituminous Coated And 25% Paved, Add			82.26	
33 42 11 00-0873	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	517.37	103.23
For 1/2 Bituminous Coated And 25% Paved, Add			86.06	
33 42 11 00-0874 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping				
<small>(33 42 11 00-0836)</small>				
33 42 11 00-0875	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	358.30	55.05
For 1/2 Bituminous Coated And 25% Paved, Add			68.42	
33 42 11 00-0876	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	386.67	60.22
For 1/2 Bituminous Coated And 25% Paved, Add			73.22	
33 42 11 00-0877	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	412.85	64.52
For 1/2 Bituminous Coated And 25% Paved, Add			78.05	
33 42 11 00-0878	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	438.89	68.82
For 1/2 Bituminous Coated And 25% Paved, Add			82.85	
33 42 11 00-0879	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	465.64	73.12
For 1/2 Bituminous Coated And 25% Paved, Add			87.66	
33 42 11 00-0880	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	494.81	77.42
For 1/2 Bituminous Coated And 25% Paved, Add			92.50	
33 42 11 00-0881	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	525.86	86.02
For 1/2 Bituminous Coated And 25% Paved, Add			97.30	
33 42 11 00-0882	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	556.46	94.62
For 1/2 Bituminous Coated And 25% Paved, Add			102.07	
33 42 11 00-0883	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	586.18	103.23
For 1/2 Bituminous Coated And 25% Paved, Add			106.91	
33 42 11 00-0884	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	617.46	111.82
For 1/2 Bituminous Coated And 25% Paved, Add			111.70	
33 42 11 00-0885	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	650.96	120.43
For 1/2 Bituminous Coated And 25% Paved, Add			116.53	
33 42 11 00-0886	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	687.08	129.04
For 1/2 Bituminous Coated And 25% Paved, Add			121.36	
33 42 11 00-0887 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping				
<small>(33 42 11 00-0794)</small>				
33 42 11 00-0888 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping				
<small>(33 42 11 00-0887)</small>				
33 42 11 00-0889	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	128.19	25.81
For 1/2 Bituminous Coated And 25% Paved, Add			33.96	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 11 00-0890	LF	54"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	153.21	29.25
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	41.60	
33 42 11 00-0891	LF	60"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	166.74	30.97
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	45.25	
33 42 11 00-0892	LF	66"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	206.26	37.85
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.96	
33 42 11 00-0893	LF	72"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	250.26	55.05
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	60.67	
33 42 11 00-0894	LF	78"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	269.82	60.22
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	64.39	
33 42 11 00-0895	LF	84"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	286.98	64.52
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	68.07	
33 42 11 00-0896	LF	90"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	304.08	68.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	71.74	
33 42 11 00-0897	LF	96"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	321.98	73.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	75.48	
33 42 11 00-0898	LF	102"	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	342.45	77.42
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	79.30	
33 42 11 00-0899			14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0887)</small>		
33 42 11 00-0900	LF	54"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	172.06	29.25
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	39.23	
33 42 11 00-0901	LF	60"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	187.74	30.97
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	42.83	
33 42 11 00-0902	LF	66"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	229.14	37.85
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	52.71	
33 42 11 00-0903	LF	72"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	275.00	55.05
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.27	
33 42 11 00-0904	LF	78"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	296.77	60.22
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	59.96	
33 42 11 00-0905	LF	84"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	316.03	64.52
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	63.58	
33 42 11 00-0906	LF	90"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	334.20	68.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	66.83	
33 42 11 00-0907	LF	96"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	355.11	73.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	70.81	
33 42 11 00-0908	LF	102"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	377.37	77.42
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	74.43	
33 42 11 00-0909	LF	108"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	401.50	86.02
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	78.01	
33 42 11 00-0910	LF	114"	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	425.53	94.62
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	81.69	
33 42 11 00-0911			12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0887)</small>		
33 42 11 00-0912	LF	60"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	226.99	30.97
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	47.26	
33 42 11 00-0913	LF	66"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	272.41	37.85
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.71	
33 42 11 00-0914	LF	72"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	322.39	55.05
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	60.89	
33 42 11 00-0915	LF	78"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	347.78	60.22
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	65.02	
33 42 11 00-0916	LF	84"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	370.76	64.52
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	69.13	
33 42 11 00-0917	LF	90"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	393.92	68.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	73.30	
33 42 11 00-0918	LF	96"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	417.57	73.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	77.42	
33 42 11 00-0919	LF	102"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	443.60	77.42
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	81.55	
33 42 11 00-0920	LF	108"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	471.73	86.02
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	85.71	
33 42 11 00-0921	LF	114"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	499.41	94.62
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	89.84	
33 42 11 00-0922	LF	120"	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	526.02	103.23
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	93.98	
33 42 11 00-0923			10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0887)</small>		
33 42 11 00-0924	LF	72"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	367.76	55.05
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	73.87	
33 42 11 00-0925	LF	78"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	397.38	60.22
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	79.21	
33 42 11 00-0926	LF	84"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	424.30	64.52
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	84.44	
33 42 11 00-0927	LF	90"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	451.02	68.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	89.63	
33 42 11 00-0928	LF	96"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	478.53	73.12
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	94.86	
33 42 11 00-0929	LF	102"	10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	508.33	77.42
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	100.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0930	LF		108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	540.20 105.29	86.02
33 42 11 00-0931	LF		114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	571.68 110.51	94.62
33 42 11 00-0932	LF		120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	602.00 115.71	103.23
33 42 11 00-0933	LF		126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	639.85 122.57	111.82
33 42 11 00-0934	LF		132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	675.56 128.22	120.43
33 42 11 00-0935	LF		138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	714.63 134.09	129.04
33 42 11 00-0936			Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0794)</small>		
33 42 11 00-0937			16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0936)</small>		
33 42 11 00-0938	LF		18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	45.12	9.75
33 42 11 00-0939	LF		21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	51.53	10.56
33 42 11 00-0940	LF		24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	57.54	11.37
33 42 11 00-0941	LF		30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	75.19	14.62
33 42 11 00-0942	LF		36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	96.43	18.93
33 42 11 00-0943	LF		42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	110.08	22.37
33 42 11 00-0944	LF		48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	124.16	25.81
33 42 11 00-0945	LF		54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	147.20	29.25
33 42 11 00-0946	LF		60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	160.81	30.97
33 42 11 00-0947			14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0936)</small>		
33 42 11 00-0948	LF		18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	49.49	9.75
33 42 11 00-0949	LF		21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	56.63	10.56
33 42 11 00-0950	LF		24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	63.32	11.37
33 42 11 00-0951	LF		30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	82.42	14.62
33 42 11 00-0952	LF		36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	105.13	18.93
33 42 11 00-0953	LF		42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	120.25	22.37
33 42 11 00-0954	LF		48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	135.78	25.81
33 42 11 00-0955	LF		54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	160.27	29.25
33 42 11 00-0956	LF		60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	175.38	30.97
33 42 11 00-0957	LF		66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	213.18	37.85
33 42 11 00-0958	LF		72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	258.45	55.05
33 42 11 00-0959	LF		78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	279.42	60.22
33 42 11 00-0960			12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0936)</small>		
33 42 11 00-0961	LF		30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	97.07	14.62
33 42 11 00-0962	LF		36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	122.67	18.93
33 42 11 00-0963	LF		42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	140.80	22.37
33 42 11 00-0964	LF		48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	159.22	25.81
33 42 11 00-0965	LF		54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	186.62	29.25
33 42 11 00-0966	LF		60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	204.71	30.97
33 42 11 00-0967	LF		66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	245.37	37.85
33 42 11 00-0968	LF		72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	293.54	55.05
33 42 11 00-0969	LF		78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	317.43	60.22
33 42 11 00-0970	LF		84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	338.91	64.52
33 42 11 00-0971	LF		90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	360.39	68.82
33 42 11 00-0972	LF		96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	382.43	73.12
33 42 11 00-0973	LF		102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	405.48	77.42
33 42 11 00-0974			Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0285)</small>		
33 42 11 00-0975			2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0974)</small>		
33 42 11 00-0976			16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0975)</small>		
33 42 11 00-0977	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	36.71 9.05	8.94
33 42 11 00-0978	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	40.96 10.82	9.75
33 42 11 00-0979	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	46.91 13.01	10.56
33 42 11 00-0980	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	52.69 14.99	11.37
33 42 11 00-0981	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	68.62 19.04	14.62
33 42 11 00-0982	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	89.96 24.56	18.93
33 42 11 00-0983			14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0975)</small>		
33 42 11 00-0984	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	40.43 9.38	8.94

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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 UNIT COST UNIT COST

33 42 11 00-0985	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	45.46	9.75
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	11.24	
33 42 11 00-0986	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	51.98	10.56
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	13.37	
33 42 11 00-0987	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	58.56	11.37
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	15.42	
33 42 11 00-0988	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	75.93	14.62
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	19.52	
33 42 11 00-0989	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	98.66	18.93
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	24.87	
33 42 11 00-0990	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	113.51	22.37
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	29.63	
33 42 11 00-0991		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0975)</small>		
33 42 11 00-0992	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	54.64	9.75
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	10.29	
33 42 11 00-0993	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	62.86	10.56
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	12.24	
33 42 11 00-0994	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	70.88	11.37
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	14.05	
33 42 11 00-0995	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	91.32	14.62
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	17.72	
33 42 11 00-0996	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	117.26	18.93
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	22.29	
33 42 11 00-0997	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	135.19	22.37
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	26.41	
33 42 11 00-0998	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	158.23	25.81
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	31.45	
33 42 11 00-0999	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	176.65	29.25
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	34.67	
33 42 11 00-1000		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0975)</small>		
33 42 11 00-1001	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	133.95	18.93
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	23.45	
33 42 11 00-1002	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	154.66	22.37
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	27.72	
33 42 11 00-1003	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	180.31	25.81
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	32.73	
33 42 11 00-1004	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	201.62	29.25
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	36.24	
33 42 11 00-1005	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	220.70	30.97
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	39.74	
33 42 11 00-1006		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0974)</small>		
33 42 11 00-1007		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1006)</small>		
33 42 11 00-1008	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	170.38	29.25
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	52.07	
33 42 11 00-1009	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	186.18	30.97
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	56.98	
33 42 11 00-1010	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	230.38	37.85
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	71.57	
33 42 11 00-1011	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	277.01	55.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	76.72	
33 42 11 00-1012	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	299.80	60.22
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	82.15	
33 42 11 00-1013	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	320.29	64.52
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	87.59	
33 42 11 00-1014	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	340.69	68.82
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	93.00	
33 42 11 00-1015	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	361.77	73.12
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	98.43	
33 42 11 00-1016		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1006)</small>		
33 42 11 00-1017	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	223.25	30.97
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	64.76	
33 42 11 00-1018	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	271.48	37.85
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	79.15	
33 42 11 00-1019	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	321.76	55.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	85.12	
33 42 11 00-1020	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	348.12	60.22
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	91.30	
33 42 11 00-1021	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	372.26	64.52
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	97.53	
33 42 11 00-1022	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	396.33	68.82
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	103.74	
33 42 11 00-1023	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	420.97	73.12
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	109.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1024	LF			117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	448.13 116.16	77.42
33 42 11 00-1025	LF			128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	477.20 122.37	86.02
33 42 11 00-1026	LF			137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	507.46 129.19	94.62
33 42 11 00-1027				10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1006)</small>		
33 42 11 00-1028	LF			81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	363.31 92.14	55.05
33 42 11 00-1029	LF			87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	393.13 98.99	60.22
33 42 11 00-1030	LF			95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	420.67 105.86	64.52
33 42 11 00-1031	LF			103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	448.08 112.69	68.82
33 42 11 00-1032	LF			112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	478.45 120.37	73.12
33 42 11 00-1033	LF			112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	506.71 126.41	77.42
33 42 11 00-1034	LF			128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	539.21 133.28	86.02
33 42 11 00-1035	LF			137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	572.56 140.58	94.62
33 42 11 00-1036	LF			142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	608.91 149.37	103.23
33 42 11 00-1037				125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0974)</small>		
33 42 11 00-1038				12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1037)</small>		
33 42 11 00-1039	LF			81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	325.96 83.77	55.05
33 42 11 00-1040	LF			87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	351.95 89.60	60.22
33 42 11 00-1041	LF			95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	375.46 95.36	64.52
33 42 11 00-1042	LF			103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	398.93 101.12	68.82
33 42 11 00-1043	LF			112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	423.13 106.92	73.12
33 42 11 00-1044	LF			117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	449.98 112.82	77.42
33 42 11 00-1045	LF			128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	478.73 118.69	86.02
33 42 11 00-1046	LF			137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	510.95 126.03	94.62
33 42 11 00-1047				10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1037)</small>		
33 42 11 00-1048	LF			81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	371.98 92.92	55.05
33 42 11 00-1049	LF			87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	401.66 99.56	60.22
33 42 11 00-1050	LF			95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	428.89 106.15	64.52
33 42 11 00-1051	LF			103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	456.21 112.78	68.82
33 42 11 00-1052	LF			112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	483.55 119.19	73.12
33 42 11 00-1053	LF			117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	514.62 126.08	77.42
33 42 11 00-1054	LF			128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	547.20 132.80	86.02
33 42 11 00-1055	LF			137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	583.19 140.86	94.62
33 42 11 00-1056	LF			142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	616.85 148.47	103.23
33 42 11 00-1057				Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-0285)</small>		
33 42 11 00-1058				1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1057)</small>		
33 42 11 00-1059				18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1058)</small>		
33 42 11 00-1060	LF			6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	18.72 1.72	4.87
33 42 11 00-1061	LF			8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	23.99 2.34	6.09

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1062	LF		10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	31.04 3.08	7.31
33 42 11 00-1063			16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1058)</small>		
33 42 11 00-1064	LF		6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.69 1.71	4.87
33 42 11 00-1065	LF		8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	26.78 2.34	6.09
33 42 11 00-1066	LF		10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	34.77 3.08	7.31
33 42 11 00-1067			2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1057)</small>		
33 42 11 00-1068			16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1067)</small>		
33 42 11 00-1069	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	36.04 3.39	8.53
33 42 11 00-1070	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	41.33 4.25	8.94
33 42 11 00-1071	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	46.95 5.17	9.75
33 42 11 00-1072	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	53.86 6.17	10.56
33 42 11 00-1073	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	60.08 6.99	11.37
33 42 11 00-1074			14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1067)</small>		
33 42 11 00-1075	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	40.28 3.31	8.53
33 42 11 00-1076	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	46.73 4.17	8.94
33 42 11 00-1077	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	53.42 5.06	9.75
33 42 11 00-1078	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	61.36 6.00	10.56
33 42 11 00-1079	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	68.69 6.82	11.37
33 42 11 00-1080	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	89.47 8.74	14.62
33 42 11 00-1081	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	114.10 10.87	18.93
33 42 11 00-1082			12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1067)</small>		
33 42 11 00-1083	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	85.14 6.47	11.37
33 42 11 00-1084	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	109.95 8.24	14.62
33 42 11 00-1085	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	138.70 10.15	18.93
33 42 11 00-1086	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	159.71 11.94	22.37
33 42 11 00-1087	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	180.61 13.51	25.81
33 42 11 00-1088	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	212.34 16.03	29.25
33 42 11 00-1089			10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1067)</small>		
33 42 11 00-1090	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	164.92 9.98	18.93
33 42 11 00-1091	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	190.25 11.72	22.37
33 42 11 00-1092	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	215.62 13.30	25.81
33 42 11 00-1093	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	251.72 15.60	29.25
33 42 11 00-1094	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	276.68 17.19	30.97
33 42 11 00-1095			3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1057)</small>		
33 42 11 00-1096			16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1095)</small>		
33 42 11 00-1097	LF		30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	88.13	14.62
33 42 11 00-1098	LF		36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	112.43	18.93
33 42 11 00-1099	LF		42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	128.51	22.37

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1100	LF			48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	145.51	25.81
33 42 11 00-1101	LF			54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	171.68	29.25

33 42 11 00-1102 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping
(33 42 11 00-1095)

33 42 11 00-1103	LF			30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	98.92	14.62
33 42 11 00-1104	LF			36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	127.82	18.93
33 42 11 00-1105	LF			42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	146.38	22.37
33 42 11 00-1106	LF			48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	165.01	25.81
33 42 11 00-1107	LF			54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	194.52	29.25
33 42 11 00-1108	LF			60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	212.66	30.97
33 42 11 00-1109	LF			66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	258.58	37.85
33 42 11 00-1110	LF			72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	307.16	55.05
33 42 11 00-1111	LF			78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	331.33	60.22

33 42 11 00-1112 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping
(33 42 11 00-1095)

33 42 11 00-1113	LF			30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	124.11	14.62
33 42 11 00-1114	LF			36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	156.15	18.93
33 42 11 00-1115	LF			42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	180.23	22.37
33 42 11 00-1116	LF			48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	203.83	25.81
33 42 11 00-1117	LF			54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	238.10	29.25
33 42 11 00-1118	LF			60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	260.92	30.97
33 42 11 00-1119	LF			66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	311.50	37.85
33 42 11 00-1120	LF			72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	364.88	55.05
33 42 11 00-1121	LF			78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	393.77	60.22
33 42 11 00-1122	LF			84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	420.42	64.52
33 42 11 00-1123	LF			90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	446.96	68.82
33 42 11 00-1124	LF			96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	474.15	73.12

33 42 11 00-1125 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping
(33 42 11 00-1095)

33 42 11 00-1126	LF			60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	311.68	30.97
33 42 11 00-1127	LF			66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	365.19	37.85
33 42 11 00-1128	LF			72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	423.39	55.05
33 42 11 00-1129	LF			78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	457.11	60.22
33 42 11 00-1130	LF			84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	488.50	64.52
33 42 11 00-1131	LF			90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	519.85	68.82
33 42 11 00-1132	LF			96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	551.82	73.12
33 42 11 00-1133	LF			102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	586.27	77.42
33 42 11 00-1134	LF			108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	622.64	86.02

33 42 11 00-1135 Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1057)

Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.

33 42 11 00-1136 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1135)

33 42 11 00-1137	LF			18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	61.47	9.75
33 42 11 00-1138	LF			21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	66.12	10.56
33 42 11 00-1139	LF			24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	79.39	11.37
33 42 11 00-1140	LF			27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	91.66	12.99
33 42 11 00-1141	LF			30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	102.91	14.62
33 42 11 00-1142	LF			33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	114.54	16.25

33 42 11 00-1143 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1135)

33 42 11 00-1144	LF			18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	70.60	9.75
33 42 11 00-1145	LF			21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	81.42	10.56
33 42 11 00-1146	LF			24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	91.66	11.37
33 42 11 00-1147	LF			27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	105.43	12.99
33 42 11 00-1148	LF			30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	118.19	14.62
33 42 11 00-1149	LF			33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	131.38	16.25
33 42 11 00-1150	LF			36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	148.77	18.93
33 42 11 00-1151	LF			42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	171.44	22.37
33 42 11 00-1152	LF			48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	193.97	25.81

33 42 11 00-1153 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1135)

33 42 11 00-1154	LF			30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	148.06	14.62
33 42 11 00-1155	LF			33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	164.17	16.25
33 42 11 00-1156	LF			36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	184.59	18.93
33 42 11 00-1157	LF			42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	213.27	22.37
33 42 11 00-1158	LF			48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	241.78	25.81
33 42 11 00-1159	LF			54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	333.06	29.25
33 42 11 00-1160	LF			60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	366.48	30.97

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1161			10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-1135)		
33 42 11 00-1162	LF		48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	339.19	25.81
33 42 11 00-1163	LF		54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	393.12	29.25
33 42 11 00-1164	LF		60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	433.28	30.97
33 42 11 00-1165	LF		66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	503.67	37.85
33 42 11 00-1166	LF		72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	573.38	55.05
33 42 11 00-1167	LF		78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	619.15	60.22
33 42 11 00-1168	LF		84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	662.22	64.52
33 42 11 00-1169			Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-0285)		
33 42 11 00-1170			2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1169)		
33 42 11 00-1171			16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1170)		
33 42 11 00-1172	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	43.26	8.94
			<i>For Bituminous Coated Pipe, Add</i>	4.26	
33 42 11 00-1173	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	48.77	9.75
			<i>For Bituminous Coated Pipe, Add</i>	5.09	
33 42 11 00-1174	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	55.94	10.56
			<i>For Bituminous Coated Pipe, Add</i>	6.06	
33 42 11 00-1175			14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1170)		
33 42 11 00-1176	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	48.67	8.94
			<i>For Bituminous Coated Pipe, Add</i>	4.24	
33 42 11 00-1177	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	53.96	9.75
			<i>For Bituminous Coated Pipe, Add</i>	4.89	
33 42 11 00-1178	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	63.44	10.56
			<i>For Bituminous Coated Pipe, Add</i>	6.01	
33 42 11 00-1179	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	71.51	11.37
			<i>For Bituminous Coated Pipe, Add</i>	6.89	
33 42 11 00-1180	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	92.28	14.62
			<i>For Bituminous Coated Pipe, Add</i>	8.72	
33 42 11 00-1181			12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1170)		
33 42 11 00-1182	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	87.97	11.37
			<i>For Bituminous Coated Pipe, Add</i>	6.57	
33 42 11 00-1183	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	112.81	14.62
			<i>For Bituminous Coated Pipe, Add</i>	8.28	
33 42 11 00-1184	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	143.53	18.93
			<i>For Bituminous Coated Pipe, Add</i>	10.34	
33 42 11 00-1185	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	166.07	22.37
			<i>For Bituminous Coated Pipe, Add</i>	12.23	
33 42 11 00-1186			10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1170)		
33 42 11 00-1187	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	169.72	18.93
			<i>For Bituminous Coated Pipe, Add</i>	9.98	
33 42 11 00-1188	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	196.67	22.37
			<i>For Bituminous Coated Pipe, Add</i>	11.77	
33 42 11 00-1189	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	228.50	25.81
			<i>For Bituminous Coated Pipe, Add</i>	13.79	
33 42 11 00-1190	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	255.95	29.25
			<i>For Bituminous Coated Pipe, Add</i>	15.34	
33 42 11 00-1191			3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1169)		
33 42 11 00-1192			14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1191)		
33 42 11 00-1193	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	198.75	29.25
33 42 11 00-1194	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	217.58	30.97
33 42 11 00-1195	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	264.66	37.85
33 42 11 00-1196			12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1191)		
33 42 11 00-1197	LF		60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	242.33	29.25
33 42 11 00-1198	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	265.84	30.97
33 42 11 00-1199	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	317.37	37.85
33 42 11 00-1200	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	371.19	55.05
33 42 11 00-1201	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	400.53	60.22
33 42 11 00-1202	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	427.62	64.52
33 42 11 00-1203			10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 42 11 00-1191)		
33 42 11 00-1204	LF		66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	316.52	30.97
33 42 11 00-1205	LF		73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	370.84	37.85
33 42 11 00-1206	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	429.47	55.05
33 42 11 00-1207	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	463.64	60.22
33 42 11 00-1208	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	495.47	64.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1209	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	527.26	68.82
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33 42 11 00-1210 Corrugated Steel Pipe Fittings (33 42 11 00-0285)

Note: Equivalent pipe-arch sizes are approximate.

33 42 11 00-1211 Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings (33 42 11 00-1210)

Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1212	EA		Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	73.97	
33 42 11 00-1213	EA		Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	92.76	
33 42 11 00-1214	EA		Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	111.55	
33 42 11 00-1215	EA		Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	131.52	
33 42 11 00-1216	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	159.69	
33 42 11 00-1217	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	187.86	
33 42 11 00-1218	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	216.05	
33 42 11 00-1219	EA		Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	244.22	
33 42 11 00-1220	EA		Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	318.21	
33 42 11 00-1221	EA		Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	379.25	
33 42 11 00-1222	EA		Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	440.32	
33 42 11 00-1223	EA		Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	569.47	
33 42 11 00-1224	EA		Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	642.29	
33 42 11 00-1225	EA		Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	717.43	
33 42 11 00-1226	EA		Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	794.93	
33 42 11 00-1227	EA		Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	968.70	
33 42 11 00-1228	EA		Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,056.75	
33 42 11 00-1229	EA		Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,147.16	
33 42 11 00-1230	EA		Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,407.84	
33 42 11 00-1231	EA		Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,511.18	
33 42 11 00-1232	EA		Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,615.68	
33 42 11 00-1233	EA		Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,720.17	
33 42 11 00-1234	EA		Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,823.49	
33 42 11 00-1235	EA		Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,928.00	
33 42 11 00-1236	EA		Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,038.18	
33 42 11 00-1237	EA		Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,154.66	
33 42 11 00-1238	EA		Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,277.77	

33 42 11 00-1239 Fabricate Corrugated Steel Pipe Tees Or Laterals (33 42 11 00-1210)

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1240	EA		Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	96.28	
33 42 11 00-1241	EA		Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	123.30	
33 42 11 00-1242	EA		Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	150.28	
33 42 11 00-1243	EA		Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	177.30	
33 42 11 00-1244	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	216.05	
33 42 11 00-1245	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	255.95	
33 42 11 00-1246	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	295.91	
33 42 11 00-1247	EA		Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	335.79	
33 42 11 00-1248	EA		Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	440.32	
33 42 11 00-1249	EA		Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	524.86	
33 42 11 00-1250	EA		Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	610.57	
33 42 11 00-1251	EA		Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	792.56	
33 42 11 00-1252	EA		Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	892.37	
33 42 11 00-1253	EA		Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	995.69	
33 42 11 00-1254	EA		Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,101.38	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
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33 42 11 00-1255	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,343.24
33 42 11 00-1256	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,463.03
33 42 11 00-1257	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,585.14
33 42 11 00-1258	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	1,950.29
33 42 11 00-1259	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,090.03
33 42 11 00-1260	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,229.76
33 42 11 00-1261	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,370.64
33 42 11 00-1262	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,511.56
33 42 11 00-1263	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,651.26
33 42 11 00-1264	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe).....	2,798.76
33 42 11 00-1265	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	2,954.46
33 42 11 00-1266	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	3,118.80

33 42 11 00-1267 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting (33 42 11 00-1210)

Note: Applied to pipe tasks.

33 42 11 00-1268	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	37.31
33 42 11 00-1269	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	46.94
33 42 11 00-1270	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	59.04
33 42 11 00-1271	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	72.29
33 42 11 00-1272	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	91.48
33 42 11 00-1273	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	112.02
33 42 11 00-1274	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	131.21
33 42 11 00-1275	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	152.45
33 42 11 00-1276	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	187.24
33 42 11 00-1277	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	223.25
33 42 11 00-1278	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	266.37
33 42 11 00-1279	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	327.67
33 42 11 00-1280	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	370.88
33 42 11 00-1281	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	417.67
33 42 11 00-1282	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	506.51
33 42 11 00-1283	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	561.70
33 42 11 00-1284	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	685.33
33 42 11 00-1285	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	746.57
33 42 11 00-1286	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	811.40
33 42 11 00-1287	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	874.97
33 42 11 00-1288	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	939.79
33 42 11 00-1289	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,005.79
33 42 11 00-1290	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,070.63
33 42 11 00-1291	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,135.42
33 42 11 00-1292	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,204.15
33 42 11 00-1293	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,277.02
33 42 11 00-1294	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,354.31

33 42 11 00-1295 Coupling Bands, Corrugated Metal Pipe Fitting (33 42 11 00-1210)

33 42 11 00-1296	EA	6" Coupling Band, Corrugated Metal Pipe Fitting.....	9.86
		<i>For Bituminous Coated, Add</i>	2.86
33 42 11 00-1297	EA	8" Coupling Band, Corrugated Metal Pipe Fitting.....	13.09
		<i>For Bituminous Coated, Add</i>	3.80
33 42 11 00-1298	EA	10" Coupling Band, Corrugated Metal Pipe Fitting.....	16.49
		<i>For Bituminous Coated, Add</i>	4.78
33 42 11 00-1299	EA	12" Coupling Band, Corrugated Metal Pipe Fitting.....	27.38
		<i>For Bituminous Coated, Add</i>	7.94
33 42 11 00-1300	EA	15" Coupling Band, Corrugated Metal Pipe Fitting.....	34.52
		<i>For Bituminous Coated, Add</i>	10.01
33 42 11 00-1301	EA	18" Coupling Band, Corrugated Metal Pipe Fitting.....	50.65
		<i>For Bituminous Coated, Add</i>	14.69
33 42 11 00-1302	EA	21" Coupling Band, Corrugated Metal Pipe Fitting.....	60.11
		<i>For Bituminous Coated, Add</i>	17.43
33 42 11 00-1303	EA	24" Coupling Band, Corrugated Metal Pipe Fitting.....	68.16
		<i>For Bituminous Coated, Add</i>	19.77
33 42 11 00-1304	EA	30" Coupling Band, Corrugated Metal Pipe Fitting.....	117.96
		<i>For Bituminous Coated, Add</i>	34.21
33 42 11 00-1305	EA	36" Coupling Band, Corrugated Metal Pipe Fitting.....	188.72
		<i>For Bituminous Coated, Add</i>	45.29
33 42 11 00-1306	EA	42" Coupling Band, Corrugated Metal Pipe Fitting.....	221.74
		<i>For Bituminous Coated, Add</i>	53.22
33 42 11 00-1307	EA	48" Coupling Band, Corrugated Metal Pipe Fitting.....	248.47
		<i>For Bituminous Coated, Add</i>	59.63
33 42 11 00-1308	EA	54" Coupling Band, Corrugated Metal Pipe Fitting.....	352.36
		<i>For Bituminous Coated, Add</i>	84.57
33 42 11 00-1309	EA	60" Coupling Band, Corrugated Metal Pipe Fitting.....	503.99
		<i>For Bituminous Coated, Add</i>	90.72
33 42 11 00-1310	EA	66" Coupling Band, Corrugated Metal Pipe Fitting.....	619.39
		<i>For Bituminous Coated, Add</i>	111.49
33 42 11 00-1311	EA	72" Coupling Band, Corrugated Metal Pipe Fitting.....	795.65
		<i>For Bituminous Coated, Add</i>	111.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1312	EA			78" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	851.00 119.14	
33 42 11 00-1313	EA			84" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	906.66 126.93	
33 42 11 00-1314	EA			90" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	962.04 134.69	
33 42 11 00-1315	EA			96" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,017.56 142.46	
33 42 11 00-1316	EA			102" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,073.22 150.25	
33 42 11 00-1317	EA			108" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,128.62 158.01	
33 42 11 00-1318	EA			114" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,336.73 160.41	
33 42 11 00-1319	EA			120" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,239.35 148.72	
33 42 11 00-1320	EA			126" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,294.59 155.35	
33 42 11 00-1321	EA			132" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,350.22 162.03	
33 42 11 00-1322	EA			138" Coupling Band, Corrugated Metal Pipe Fitting <i>For Bituminous Coated, Add</i>	1,405.91 168.71	

33 42 11 00-1323 **Vitrified Clay Piping** (33 42 11)
33 42 11 00-1324 **Extra Strength Vitrified Clay Piping** (33 42 11 00-1323)
33 42 11 00-1325 **Plain Joint, Extra Strength, Vitrified Clay Piping** (33 42 11 00-1324)

Note: ASTM C700.

33 42 11 00-1326	LF			4" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	18.97 1.95 2.60 -0.65 -0.95	
33 42 11 00-1327	LF			6" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	31.35 3.02 4.03 -1.01 -1.57	
33 42 11 00-1328	LF			8" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	38.04 4.32 5.76 -1.44 -1.90	
33 42 11 00-1329	LF			10" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	46.84 6.62 8.82 -2.21 -2.34	
33 42 11 00-1330	LF			12" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	58.18 9.34 12.46 -3.11 -2.91	
33 42 11 00-1331	LF			15" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	88.48 17.52 23.36 -5.84 -4.42	
33 42 11 00-1332	LF			18" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	121.22 25.11 33.48 -8.37 -6.06	
33 42 11 00-1333	LF			21" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	181.41 40.23 53.64 -13.41 -9.07	
33 42 11 00-1334	LF			24" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	232.64 52.56 70.08 -17.52 -11.63	
33 42 11 00-1335	LF			30" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	288.20 65.53 87.38 -21.84 -14.41	
33 42 11 00-1336	LF			36" Plain Joint, Extra Strength, Vitrified Clay Pipe <i>For 3' Lengths, Add</i> <i>For 2' Lengths, Add</i> <i>For Standard Strength, Deduct</i> <i>For >1,000, Deduct</i>	348.57 79.16 105.54 -26.39 -17.43	

33 42 11 00-1337 **Compression Joint, Extra Strength, Vitrified Clay Piping** (33 42 11 00-1324)

Note: ASTM C425.

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-1338	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	26.58
		<i>For 3' Lengths, Add</i>	2.30
		<i>For 2' Lengths, Add</i>	3.06
		<i>For Standard Strength, Deduct</i>	-0.77
		<i>For >1,000, Deduct</i>	-1.33
33 42 11 00-1339	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	33.77
		<i>For 3' Lengths, Add</i>	3.75
		<i>For 2' Lengths, Add</i>	5.00
		<i>For Standard Strength, Deduct</i>	-1.25
		<i>For >1,000, Deduct</i>	-1.69
33 42 11 00-1340	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	41.29
		<i>For 3' Lengths, Add</i>	5.30
		<i>For 2' Lengths, Add</i>	7.06
		<i>For Standard Strength, Deduct</i>	-1.77
		<i>For >1,000, Deduct</i>	-2.06
33 42 11 00-1341	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	53.76
		<i>For 3' Lengths, Add</i>	8.69
		<i>For 2' Lengths, Add</i>	11.59
		<i>For Standard Strength, Deduct</i>	-2.90
		<i>For >1,000, Deduct</i>	-2.69
33 42 11 00-1342	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	65.10
		<i>For 3' Lengths, Add</i>	11.42
		<i>For 2' Lengths, Add</i>	15.22
		<i>For Standard Strength, Deduct</i>	-3.81
		<i>For >1,000, Deduct</i>	-3.26
33 42 11 00-1343	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	99.51
		<i>For 3' Lengths, Add</i>	20.83
		<i>For 2' Lengths, Add</i>	27.77
		<i>For Standard Strength, Deduct</i>	-6.94
		<i>For >1,000, Deduct</i>	-4.98
33 42 11 00-1344	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	139.17
		<i>For 3' Lengths, Add</i>	30.50
		<i>For 2' Lengths, Add</i>	40.66
		<i>For Standard Strength, Deduct</i>	-10.17
		<i>For >1,000, Deduct</i>	-6.96
33 42 11 00-1345	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	201.96
		<i>For 3' Lengths, Add</i>	46.39
		<i>For 2' Lengths, Add</i>	61.86
		<i>For Standard Strength, Deduct</i>	-15.46
		<i>For >1,000, Deduct</i>	-10.10
33 42 11 00-1346	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	265.08
		<i>For 3' Lengths, Add</i>	62.29
		<i>For 2' Lengths, Add</i>	83.05
		<i>For Standard Strength, Deduct</i>	-20.76
		<i>For >1,000, Deduct</i>	-13.25
33 42 11 00-1347	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	430.94
		<i>For 3' Lengths, Add</i>	108.35
		<i>For 2' Lengths, Add</i>	144.47
		<i>For Standard Strength, Deduct</i>	-36.12
		<i>For >1,000, Deduct</i>	-21.55
33 42 11 00-1348	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	616.75
		<i>For 3' Lengths, Add</i>	159.61
		<i>For 2' Lengths, Add</i>	212.82
		<i>For Standard Strength, Deduct</i>	-53.20
		<i>For >1,000, Deduct</i>	-30.84

33 42 11 00-1349 Extra Strength, Vitrified Clay Pipe Fittings (33 42 11 00-1323)

33 42 11 00-1350 1/8 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1349)

33 42 11 00-1351 Plain End 1/8 Bend, Extra Strength, Vitrified Clay (33 42 11 00-1350)

33 42 11 00-1352	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	83.76
33 42 11 00-1353	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	114.73
33 42 11 00-1354	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	167.42
33 42 11 00-1355	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	234.93
33 42 11 00-1356	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	313.63
33 42 11 00-1357	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	772.92
33 42 11 00-1358	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,093.56
33 42 11 00-1359	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,714.01
33 42 11 00-1360	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,976.24
33 42 11 00-1361	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	2,291.48
33 42 11 00-1362	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	3,456.94

33 42 11 00-1363 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1350)

33 42 11 00-1364	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	93.92
33 42 11 00-1365	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	136.44
33 42 11 00-1366	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	187.77
33 42 11 00-1367	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	256.79
33 42 11 00-1368	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	328.77
33 42 11 00-1369	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	865.44
33 42 11 00-1370	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,264.21
33 42 11 00-1371	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,292.44
33 42 11 00-1372	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,534.03
33 42 11 00-1373	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,815.79
33 42 11 00-1374	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	4,203.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-1375			1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1349)		
33 42 11 00-1376			Plain End 1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1375)		
33 42 11 00-1377	EA		4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	96.24	
33 42 11 00-1378	EA		6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	129.76	
33 42 11 00-1379	EA		8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	185.01	
33 42 11 00-1380	EA		10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	254.13	
33 42 11 00-1381	EA		12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	335.26	
33 42 11 00-1382	EA		15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	796.98	
33 42 11 00-1383	EA		18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,123.57	
33 42 11 00-1384	EA		21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,751.86	
33 42 11 00-1385	EA		24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,022.20	
33 42 11 00-1386	EA		30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,348.79	
33 42 11 00-1387	EA		36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,520.66	

33 42 11 00-1388			Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay (33 42 11 00-1375)		
33 42 11 00-1389	EA		4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	108.90	
33 42 11 00-1390	EA		6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	154.48	
33 42 11 00-1391	EA		8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	208.89	
33 42 11 00-1392	EA		10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	279.82	
33 42 11 00-1393	EA		12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	354.72	
33 42 11 00-1394	EA		15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	894.31	
33 42 11 00-1395	EA		18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,300.23	
33 42 11 00-1396	EA		21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,550.25	
33 42 11 00-1397	EA		24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,589.18	
33 42 11 00-1398	EA		30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,884.57	
33 42 11 00-1399	EA		36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	4,280.22	

33 42 11 00-1400			Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1349)		
33 42 11 00-1401			Plain End Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1400)		
33 42 11 00-1402	EA		4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	103.58	
33 42 11 00-1403	EA		6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	137.04	
33 42 11 00-1404	EA		8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	190.32	
33 42 11 00-1405	EA		10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	258.06	
33 42 11 00-1406	EA		12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	329.94	
33 42 11 00-1407	EA		15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	798.50	
33 42 11 00-1408	EA		18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,122.57	
33 42 11 00-1409	EA		21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,629.66	
33 42 11 00-1410	EA		24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,277.21	
33 42 11 00-1411	EA		30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,397.97	
33 42 11 00-1412	EA		36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,474.99	

33 42 11 00-1413			Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay (33 42 11 00-1400)		
33 42 11 00-1414	EA		4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	126.94	
33 42 11 00-1415	EA		6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	177.66	
33 42 11 00-1416	EA		8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	237.77	
33 42 11 00-1417	EA		10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	314.59	
33 42 11 00-1418	EA		12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	396.36	
33 42 11 00-1419	EA		15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	971.87	
33 42 11 00-1420	EA		18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,408.51	
33 42 11 00-1421	EA		21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,102.36	
33 42 11 00-1422	EA		24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,792.37	
33 42 11 00-1423	EA		30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,223.06	
33 42 11 00-1424	EA		36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,605.06	

33 42 13 Stormwater Culverts (33 42)

33 42 13 13 Precast Concrete Stormwater Culverts (33 42 13)

33 42 13 13-0001			Precast Reinforced Concrete Box Culvert (33 42 13 13)		
Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0801 for crane lifting equipment.					
33 42 13 13-0002	LF		3' x 3' Precast Reinforced Concrete Box Culvert	516.11	43.01
			For Each LF Of Cut-Off Section, Add	20.64	
33 42 13 13-0003	LF		4' x 2' Precast Reinforced Concrete Box Culvert	588.36	43.01
			For Each LF Of Cut-Off Section, Add	23.53	
33 42 13 13-0004	LF		4' x 3' Precast Reinforced Concrete Box Culvert	705.08	43.01
			For Each LF Of Cut-Off Section, Add	28.20	
33 42 13 13-0005	LF		5' x 3' Precast Reinforced Concrete Box Culvert	843.84	53.76
			For Each LF Of Cut-Off Section, Add	33.75	
33 42 13 13-0006	LF		5' x 4' Precast Reinforced Concrete Box Culvert	866.07	53.76
			For Each LF Of Cut-Off Section, Add	34.64	
33 42 13 13-0007	LF		5' x 5' Precast Reinforced Concrete Box Culvert	877.18	53.76
			For Each LF Of Cut-Off Section, Add	35.09	
33 42 13 13-0008	LF		6' x 3' Precast Reinforced Concrete Box Culvert	903.82	55.91
			For Each LF Of Cut-Off Section, Add	36.15	
33 42 13 13-0009	LF		6' x 4' Precast Reinforced Concrete Box Culvert	909.37	55.91
			For Each LF Of Cut-Off Section, Add	36.37	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 13 13-0010	LF	6' x 6'	Precast Reinforced Concrete Box Culvert	1,009.42	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	40.38	
33 42 13 13-0011	LF	7' x 4'	Precast Reinforced Concrete Box Culvert	1,027.05	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	41.08	
33 42 13 13-0012	LF	7' x 6'	Precast Reinforced Concrete Box Culvert	1,074.65	87.74
			<i>For Each LF Of Cut-Off Section, Add</i>	42.99	
33 42 13 13-0013	LF	8' x 2'	Precast Reinforced Concrete Box Culvert	1,014.98	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	40.60	
33 42 13 13-0014	LF	8' x 3'	Precast Reinforced Concrete Box Culvert	1,032.61	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	41.30	
33 42 13 13-0015	LF	8' x 4'	Precast Reinforced Concrete Box Culvert	1,049.28	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	41.97	
33 42 13 13-0016	LF	8' x 5'	Precast Reinforced Concrete Box Culvert	1,255.64	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	50.23	
33 42 13 13-0017	LF	8' x 6'	Precast Reinforced Concrete Box Culvert	1,260.09	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	50.40	
33 42 13 13-0018	LF	8' x 8'	Precast Reinforced Concrete Box Culvert	1,378.64	107.53
			<i>For Each LF Of Cut-Off Section, Add</i>	55.15	
33 42 13 13-0019	LF	9' x 4'	Precast Reinforced Concrete Box Culvert	1,399.04	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	55.96	
33 42 13 13-0020	LF	9' x 6'	Precast Reinforced Concrete Box Culvert	1,459.78	107.53
			<i>For Each LF Of Cut-Off Section, Add</i>	58.39	
33 42 13 13-0021	LF	10' x 3'	Precast Reinforced Concrete Box Culvert	1,465.34	107.53
			<i>For Each LF Of Cut-Off Section, Add</i>	58.61	
33 42 13 13-0022	LF	10' x 4'	Precast Reinforced Concrete Box Culvert	1,809.94	107.53
			<i>For Each LF Of Cut-Off Section, Add</i>	72.40	
33 42 13 13-0023	LF	10' x 5'	Precast Reinforced Concrete Box Culvert	1,876.24	129.04
			<i>For Each LF Of Cut-Off Section, Add</i>	75.05	
33 42 13 13-0024	LF	10' x 6'	Precast Reinforced Concrete Box Culvert	1,898.47	129.04
			<i>For Each LF Of Cut-Off Section, Add</i>	75.94	
33 42 13 13-0025	LF	10' x 7'	Precast Reinforced Concrete Box Culvert	1,904.03	129.04
			<i>For Each LF Of Cut-Off Section, Add</i>	76.16	
33 42 13 13-0026	LF	10' x 8'	Precast Reinforced Concrete Box Culvert	1,911.81	129.04
			<i>For Each LF Of Cut-Off Section, Add</i>	76.47	
33 42 13 13-0027	LF	12' x 3'	Precast Reinforced Concrete Box Culvert	1,964.77	150.54
			<i>For Each LF Of Cut-Off Section, Add</i>	78.59	
33 42 13 13-0028	LF	12' x 4'	Precast Reinforced Concrete Box Culvert	1,964.77	150.54
			<i>For Each LF Of Cut-Off Section, Add</i>	78.59	
33 42 13 13-0029	LF	12' x 6'	Precast Reinforced Concrete Box Culvert	1,964.77	150.54
			<i>For Each LF Of Cut-Off Section, Add</i>	78.59	
33 42 13 13-0030	LF	12' x 8'	Precast Reinforced Concrete Box Culvert	1,964.77	150.54
			<i>For Each LF Of Cut-Off Section, Add</i>	78.59	
33 42 13 13-0031	LF	16' x 10'	Precast Reinforced Concrete Box Culvert	2,920.36	172.05
			<i>For Each LF Of Cut-Off Section, Add</i>	116.81	
33 42 13 13-0032	LF	24' x 10'	Precast Reinforced Concrete Box Culvert	4,143.12	172.05
			<i>For Each LF Of Cut-Off Section, Add</i>	165.72	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways (33 42 13 13)

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0801 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3'	Precast Reinforced Concrete Box Culvert For Roadways	1,367.04	43.01
			<i>For Each LF Of Cut-Off Section, Add</i>	54.68	
33 42 13 13-0035	LF	4' x 2'	Precast Reinforced Concrete Box Culvert For Roadways	1,473.80	43.01
			<i>For Each LF Of Cut-Off Section, Add</i>	58.95	
33 42 13 13-0036	LF	4' x 3'	Precast Reinforced Concrete Box Culvert For Roadways	1,662.77	43.01
			<i>For Each LF Of Cut-Off Section, Add</i>	66.51	
33 42 13 13-0037	LF	5' x 3'	Precast Reinforced Concrete Box Culvert For Roadways	1,873.72	53.76
			<i>For Each LF Of Cut-Off Section, Add</i>	74.95	
33 42 13 13-0038	LF	5' x 4'	Precast Reinforced Concrete Box Culvert For Roadways	2,062.68	53.76
			<i>For Each LF Of Cut-Off Section, Add</i>	82.51	
33 42 13 13-0039	LF	5' x 5'	Precast Reinforced Concrete Box Culvert For Roadways	2,251.64	53.76
			<i>For Each LF Of Cut-Off Section, Add</i>	90.07	
33 42 13 13-0040	LF	6' x 3'	Precast Reinforced Concrete Box Culvert For Roadways	2,067.08	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	82.68	
33 42 13 13-0041	LF	6' x 4'	Precast Reinforced Concrete Box Culvert For Roadways	2,256.04	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	90.24	
33 42 13 13-0042	LF	6' x 6'	Precast Reinforced Concrete Box Culvert For Roadways	2,633.97	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	105.36	
33 42 13 13-0043	LF	7' x 4'	Precast Reinforced Concrete Box Culvert For Roadways	2,462.63	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	98.51	
33 42 13 13-0044	LF	7' x 6'	Precast Reinforced Concrete Box Culvert For Roadways	2,888.11	87.74
			<i>For Each LF Of Cut-Off Section, Add</i>	115.52	
33 42 13 13-0045	LF	8' x 2'	Precast Reinforced Concrete Box Culvert For Roadways	2,256.04	55.91
			<i>For Each LF Of Cut-Off Section, Add</i>	90.24	
33 42 13 13-0046	LF	8' x 3'	Precast Reinforced Concrete Box Culvert For Roadways	2,462.63	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	98.51	
33 42 13 13-0047	LF	8' x 4'	Precast Reinforced Concrete Box Culvert For Roadways	2,651.60	64.52
			<i>For Each LF Of Cut-Off Section, Add</i>	106.06	
33 42 13 13-0048	LF	8' x 5'	Precast Reinforced Concrete Box Culvert For Roadways	2,884.58	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	115.38	
33 42 13 13-0049	LF	8' x 6'	Precast Reinforced Concrete Box Culvert For Roadways	3,073.54	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	122.94	
33 42 13 13-0050	LF	8' x 8'	Precast Reinforced Concrete Box Culvert For Roadways	3,495.53	107.53
			<i>For Each LF Of Cut-Off Section, Add</i>	139.82	
33 42 13 13-0051	LF	9' x 4'	Precast Reinforced Concrete Box Culvert For Roadways	3,104.47	86.02
			<i>For Each LF Of Cut-Off Section, Add</i>	124.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 13 13-0052	LF			9' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,552.40 142.10	107.53
33 42 13 13-0053	LF			10' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,511.29 140.45	107.53
33 42 13 13-0054	LF			10' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,735.66 149.43	107.53
33 42 13 13-0055	LF			10' x 5' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,004.10 160.16	129.04
33 42 13 13-0056	LF			10' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,228.47 169.14	129.04
33 42 13 13-0057	LF			10' x 7' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,452.88 178.12	129.04
33 42 13 13-0058	LF			10' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,677.26 187.09	129.04
33 42 13 13-0059	LF			12' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,644.97 185.80	150.54
33 42 13 13-0060	LF			12' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,900.02 196.00	150.54
33 42 13 13-0061	LF			12' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	5,410.20 216.41	150.54
33 42 13 13-0062	LF			12' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	5,920.38 236.82	150.54
33 42 13 13-0063	LF			16' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	7,098.17 283.93	172.05
33 42 13 13-0064	LF			24' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	9,025.49 361.02	172.05

33 42 23 Headwalls and Endwalls for Stormwater Piping (33 42 23)

33 42 23 00-0001	Headwalls (33 42 23)					
	Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.					
33 42 23 00-0002	Cast In Place Concrete Headwalls (33 42 23 00-0001)					
	Note: Includes concrete, forms, rebar (where required), finish and curing.					
33 42 23 00-0003	Skewed Wingwall, Cast In Place Concrete Headwall (33 42 23 00-0002)					
	Note: Sized by pipe diameter.					
33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			1,167.79	572.98
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			1,474.94	611.18
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			1,919.14	800.56
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			2,969.53	1,145.96
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			4,113.01	1,527.95
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			5,147.64	2,014.00
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			7,156.42	2,778.06
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			8,502.33	3,274.13
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			10,236.92	3,985.99
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....			12,307.07	4,825.09

33 42 23 00-0014 Precast Concrete Headwalls (33 42 23 00-0001)

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall.....			580.53	146.21
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall.....			604.90	154.34
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall.....			667.61	175.46
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall.....			734.82	186.83
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall.....			960.74	219.32
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall.....			1,086.13	227.45
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall.....			1,404.55	265.47
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall.....			1,544.50	292.48
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall.....			1,699.38	309.68
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall.....			1,918.82	309.68
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall.....			2,288.85	387.10
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall.....			3,192.42	464.52

33 42 23 00-0027 Precast Concrete Wingwalls (33 42 23 00-0001)

33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall.....			3,702.79	1,532.92
	Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall.....			3,960.87	1,703.24
	Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall.....			4,390.97	1,987.12
	Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall.....			4,821.08	2,270.99
	Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.					
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall.....			4,821.08	2,270.99
	Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall.....			4,993.13	2,384.54
	Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall.....			7,810.81	2,441.32
	Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.					
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall.....			8,068.88	2,611.64
	Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.					

33 42 23 00-0036 Precast Concrete Transverse Drainage Interceptor (33 42 23 00-0001)

33 42 23 00-0037	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate.....			3,103.46	602.15
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33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
33 42 26 End Sections for Stormwater Piping (33 42)**33 42 26 16 Corrugated Metal End Sections for Stormwater Piping (33 42 26)**

33 42 26 16-0001	EA	Corrugated Metal Pipe End Sections (33 42 26 16)		
33 42 26 16-0002	EA	Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0001)		
33 42 26 16-0003	EA	Type 1 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	213.65	56.87
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	246.83	60.92
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	286.81	64.98
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	345.65	71.07
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	382.54	77.16

33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	608.55	87.32
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	787.37	103.23
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,199.21	120.43
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,462.96	137.63
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,744.48	172.05
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	2,038.44	206.46

33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	222.58	56.87
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	256.02	60.92
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	300.92	64.98
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	362.60	71.07
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	401.76	77.16
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	667.56	87.32
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	859.52	103.23
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,359.20	120.43
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,669.42	137.63
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,953.26	172.05
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,699.72	206.46
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,080.46	309.68
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,615.81	412.91
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,937.12	443.01
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,266.05	473.13

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section (33 42 26 16-0002)

33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section.....	27.35	
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section.....	30.41	
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section.....	34.13	
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section.....	37.10	
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section.....	41.49	
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section.....	71.91	
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section.....	77.38	
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section.....	105.44	
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section.....	112.99	
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section.....	137.80	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section.....	141.35	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section.....	151.31	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section.....	173.44	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section.....	193.88	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	198.93	

33 42 26 16-0048 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0001)**33 42 26 16-0049 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)**

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	246.83	60.92
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	286.81	64.98
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	345.65	71.07
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	382.54	77.16

33 42 26 16-0054 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	239.13	60.92
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	272.55	64.98
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	304.84	71.07
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	343.57	77.16
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	497.45	87.32
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	719.49	103.23
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,111.38	120.43
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,404.43	137.63

	TOTAL DIRECT	DEMOLITION
MINOR CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 42 26 16-0063	Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections <small>(33 42 26 16-0048)</small>	
<small>Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.</small>		
33 42 26 16-0064	EA 17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	243.04 60.92
33 42 26 16-0065	EA 21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	281.06 64.98
33 42 26 16-0066	EA 24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	318.13 71.07
33 42 26 16-0067	EA 28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	359.33 77.16
33 42 26 16-0068	EA 35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	524.24 87.32
33 42 26 16-0069	EA 42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	756.02 103.23
33 42 26 16-0070	EA 49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,169.82 120.43
33 42 26 16-0071	EA 57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,471.69 137.63
33 42 26 16-0072	EA 64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,772.11 172.05
33 42 26 16-0073	EA 71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,325.36 206.46
33 42 26 16-0074	EA 77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,250.14 309.68
33 42 26 16-0075	EA 83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,613.54 412.91

33 42 26 16-0076	Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section <small>(33 42 26 16-0048)</small>	
33 42 26 16-0077	EA Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	30.41
33 42 26 16-0078	EA Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	34.13
33 42 26 16-0079	EA Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	37.10
33 42 26 16-0080	EA Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	41.49
33 42 26 16-0081	EA Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	71.91
33 42 26 16-0082	EA Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	77.38
33 42 26 16-0083	EA Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	105.44
33 42 26 16-0084	EA Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	117.41
33 42 26 16-0085	EA Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	137.80
33 42 26 16-0086	EA Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	143.10
33 42 26 16-0087	EA Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	165.65
33 42 26 16-0088	EA Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	189.22

33 42 26 16-0089	Corrugated Aluminum Pipe End Sections <small>(33 42 26 16-0001)</small>	
33 42 26 16-0090	Corrugated Aluminum Pipe End Sections <small>(33 42 26 16-0089)</small>	
33 42 26 16-0091	EA 12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	317.42 56.87
33 42 26 16-0092	EA 15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	364.98 60.92
33 42 26 16-0093	EA 18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	431.40 64.98
33 42 26 16-0094	EA 21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	533.10 71.07
33 42 26 16-0095	EA 24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	693.42 77.16
33 42 26 16-0096	EA 30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,034.71 87.32
33 42 26 16-0097	EA 36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,402.93 103.23
33 42 26 16-0098	EA 36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	1,742.43 103.23
33 42 26 16-0099	EA 42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,220.60 120.43
33 42 26 16-0100	EA 48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,164.08 137.63
33 42 26 16-0101	EA 54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,507.86 172.05
33 42 26 16-0102	EA 60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,724.05 206.46
33 42 26 16-0103	EA 66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,362.62 309.68
33 42 26 16-0104	EA 72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,280.21 412.91
33 42 26 16-0105	EA 78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,857.81 443.01
33 42 26 16-0106	EA 84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,237.13 473.13
33 42 26 16-0107	EA 90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,880.51 516.14
33 42 26 16-0108	EA 96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	10,936.20 559.14

33 42 26 16-0109	Toe Plate Extensions For Corrugated Aluminum Pipe End Section <small>(33 42 26 16-0089)</small>	
33 42 26 16-0110	EA Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	49.68
33 42 26 16-0111	EA Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	52.64
33 42 26 16-0112	EA Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	57.05
33 42 26 16-0113	EA Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	64.17
33 42 26 16-0114	EA Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	68.11
33 42 26 16-0115	EA Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	88.29
33 42 26 16-0116	EA Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	105.61
33 42 26 16-0117	EA Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	111.28
33 42 26 16-0118	EA Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	122.04
33 42 26 16-0119	EA Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	137.94
33 42 26 16-0120	EA Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	162.99
33 42 26 16-0121	EA Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	226.68
33 42 26 16-0122	EA Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	244.79
33 42 26 16-0123	EA Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	311.50
33 42 26 16-0124	EA Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	337.25
33 42 26 16-0125	EA Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	359.42
33 42 26 16-0126	EA Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	382.67
33 42 26 16-0127	EA Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	406.24

33 42 26 16-0128	Corrugated Aluminum Pipe-Arch End Sections <small>(33 42 26 16-0001)</small>	
33 42 26 16-0129	Corrugated Aluminum Pipe-Arch End Sections <small>(33 42 26 16-0128)</small>	
33 42 26 16-0130	EA 17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	375.96 60.92
33 42 26 16-0131	EA 21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	458.15 64.98
33 42 26 16-0132	EA 24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	497.62 71.07
33 42 26 16-0133	EA 28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	537.05 77.16
33 42 26 16-0134	EA 35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	800.15 87.32

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,418.53	103.23
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,504.61	103.23
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,008.30	120.43
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,081.40	137.63
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,530.31	172.05
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	4,268.21	206.46
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	7,144.43	309.68
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	7,512.49	412.91
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	8,178.76	443.01
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	8,538.25	473.13
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	9,306.83	516.14
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	9,861.41	559.14

33 42 26 16-0147 Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33-42

26 16-0128)

33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	52.64	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	57.05	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	60.20	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	65.93	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	75.82	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	98.44	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	107.48	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	122.04	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	137.94	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	162.99	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	206.57	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	261.63	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	353.59	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	401.32	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	420.53	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	436.29	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	455.49	

33 42 26 16-0165 Low Slope Corrugated Steel Pipe End Sections And Accessories (33 42 26 16-0001)
33 42 26 16-0166 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	481.34	60.92
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	617.92	64.98
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	755.37	71.07
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	902.51	77.16
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	955.67	87.32
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,246.95	103.23
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,965.89	120.43

33 42 26 16-0174 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

Note: Includes nut and bolt set.

33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section.....	341.19	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section.....	680.08	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section.....	746.29	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section.....	776.10	

33 42 26 16-0179 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	503.64	60.92
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	658.01	64.98
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	873.37	71.07
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,025.15	77.16
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,216.01	87.32
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,476.74	103.23
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,253.40	120.43

33 42 26 16-0187 3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)

Note: Includes nut and bolt set.

33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section.....	661.42	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section.....	702.42	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section.....	772.69	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section.....	812.66	

33 42 26 16-0192 Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section (33-42

26 16-0165)

33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	58.55	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	65.62	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	71.41	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	79.70	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	119.46	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	128.21	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	171.72	

		Utilities	33	
		Stormwater Utilities	33 40	33
		Stormwater Conveyance	33 42	
MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST

33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories <small>(33 42 26 16-0001)</small>		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section <small>(33 42 26 16-0200)</small>		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	570.96	64.98
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	714.92	71.07
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	845.22	77.16
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section.....	1,584.65	87.32
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections <small>(33 42 26 16-0200)</small>		
		Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section.....	405.98	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section.....	736.47	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section.....	776.10	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section.....	1,140.55	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section <small>(33 42 26 16-0200)</small>		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section.....	59.22	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section.....	67.12	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section.....	73.17	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section.....	87.41	
33 42 26 19		Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping <small>(33 42 26)</small>		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections <small>(33 42 26 19)</small>		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	49.00	16.82
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	90.42	25.22
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	122.37	31.53
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	192.84	50.45
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	228.57	56.75
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	242.72	60.96
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	288.41	67.26
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	371.63	79.87
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	755.83	90.38
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	920.63	100.89
33 42 26 23		Concrete End Sections for Stormwater Piping <small>(33 42 26)</small>		
33 42 26 23-0001		Precast Concrete End Sections <small>(33 42 26 23)</small>		
33 42 26 23-0002		Precast Concrete End Sections <small>(33 42 26 23-0001)</small>		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section.....	464.60	95.28
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section.....	620.05	117.95
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section.....	768.93	149.30
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section.....	885.03	178.55
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section.....	946.81	206.65
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section.....	1,195.60	256.35
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section.....	1,495.95	385.04
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section.....	1,850.79	485.85
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section.....	2,246.97	609.47
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section.....	2,469.63	687.32
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section.....	2,700.93	769.90
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section.....	2,938.39	855.93
33 42 26 23-0015		Flared Precast Concrete End Sections <small>(33 42 26 23-0001)</small>		
33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section.....	576.45	100.21
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section.....	695.42	124.91
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section.....	846.60	158.11
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section.....	970.40	189.08
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section.....	1,179.85	218.84
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section.....	1,453.66	349.51
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section.....	1,554.75	481.21
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section.....	2,085.17	607.32
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section.....	2,514.12	761.98
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section.....	2,732.97	859.37
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section.....	3,057.31	962.51
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section.....	3,388.48	1,069.09
33 42 31		Stormwater Area Drains and Inlets <small>(33 42)</small>		
33 42 31 00-0001		Storm Drains <small>(33 42 31)</small>		
		See CSI section 33 05 61 00-0001 for manhole structures.		
33 42 31 00-0002		Catch Basins And Inlet Basins <small>(33 42 31 00-0001)</small>		
		Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		

33	Utilities
33 40	Stormwater Utilities
33 42	Stormwater Conveyance

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0002)			
		Note: Inside dimensions.			
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)			
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,542.99		281.82
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,844.38		330.21
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,145.78		378.51
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,447.19		426.89
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,748.59		475.19
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)			
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,000.84		280.13
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,471.87		373.50
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,149.04		509.32
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,840.95		594.21
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	4,379.49		679.09
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)			
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,151.64		305.59
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,981.43		424.43
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,634.68		551.76
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,197.05		636.64
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,321.68		814.90
33 42 31 00-0022		Cast In Place, Catch Basin (33 42 31 00-0002)			
		Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.			
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins (33 42 31 00-0022)			
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,888.58		340.73
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,002.80		362.29
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,186.73		389.11
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,464.25		430.71
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,656.78		458.47
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,782.07		480.80
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,974.77		508.55
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,097.24		530.96
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,291.09		558.64
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,415.24		581.05
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,607.84		608.80
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	451.00		76.05
33 42 31 00-0036		3'-6" x 3'-6", Cast In Place, Catch Basins (33 42 31 00-0022)			
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	2,173.37		393.87
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,317.92		421.54
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,509.78		449.30
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,834.03		497.60
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	3,045.86		529.01
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,190.31		555.07
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,404.82		586.48
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,549.28		612.54
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,762.19		643.94
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,907.08		670.01
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,120.07		701.41
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	515.03		87.69
33 42 31 00-0049		4' x 4', Cast In Place, Catch Basins (33 42 31 00-0022)			
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,478.13		450.57
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,630.61		479.18
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,851.64		513.05
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,223.13		568.14
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,456.87		603.20
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,621.97		632.99
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,855.71		668.05
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,020.38		697.85
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,254.12		732.90
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,419.22		762.70
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,652.96		797.85
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	581.59		99.74
33 42 31 00-0062		4'-6" x 4'-6", Cast In Place, Catch Basins (33 42 31 00-0022)			
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	2,860.32		522.48
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,037.88		552.01
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,282.50		590.21
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,706.20		652.86
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	3,965.63		692.42
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,156.50		726.62
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,416.34		766.18
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,607.21		800.47

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,866.63	840.03
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,056.34	874.24
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,317.34	913.80
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	664.71	114.26
33 42 31 00-0075		5' x 5', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin.....	3,675.47	662.71
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,147.35	732.32
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,429.01	775.69
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,640.95	813.72
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,919.86	857.00
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,132.96	895.04
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,413.45	938.41
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,623.81	976.44
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,905.46	1,019.73
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	1,028.06	127.50
33 42 31 00-0086		5'-6" x 5'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	4,087.25	739.02
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,754.60	836.55
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,066.06	884.76
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,307.82	927.98
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,620.88	976.53
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,863.79	1,019.73
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,175.25	1,068.29
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,417.01	1,111.50
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,728.47	1,160.05
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	841.06	144.99
33 42 31 00-0097		6' x 6', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin.....	4,520.93	818.89
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,256.21	925.94
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,590.41	978.39
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,854.49	1,025.51
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,187.53	1,077.96
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,453.19	1,125.07
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,785.80	1,177.54
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,050.31	1,224.65
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,384.52	1,277.11
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	923.11	159.67
33 42 31 00-0108		6'-6" x 6'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	4,973.75	902.59
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,963.86	1,045.71
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,330.65	1,103.77
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,628.81	1,156.49
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,995.60	1,214.47
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,293.76	1,267.26
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,660.55	1,325.24
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,958.71	1,377.95
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,327.08	1,436.01
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	1,040.85	179.53
33 42 31 00-0119		7' x 7', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin.....	5,447.04	989.94
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,530.26	1,146.13
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,920.31	1,208.27
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,240.22	1,264.97
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,631.34	1,327.02
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,951.24	1,383.81
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,341.29	1,445.86
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,662.36	1,502.65
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	9,052.31	1,564.70
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	1,131.58	195.58
33 42 31 00-0130		7'-6" x 7'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	6,151.70	1,111.07
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,120.01	1,250.62
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,531.71	1,316.75
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,876.04	1,377.53
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,288.82	1,443.66
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,633.15	1,504.43
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,044.85	1,570.56
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,389.18	1,631.34
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,802.04	1,697.47
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	1,225.22	212.21

33	33 Utilities
	33 40 Stormwater Utilities
	33 42 Stormwater Conveyance



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

33 42 31 00-0141	8' x 8', Cast In Place, Catch Basins <small>(33 42 31 00-0022)</small>				
33 42 31 00-0142 EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	.....	6,685.86	1,208.86	
33 42 31 00-0143 EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	7,731.32	1,359.19	
33 42 31 00-0144 EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	8,165.93	1,429.31	
33 42 31 00-0145 EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	8,533.51	1,494.16	
33 42 31 00-0146 EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	8,968.05	1,564.27	
33 42 31 00-0147 EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	9,333.30	1,629.13	
33 42 31 00-0148 EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	9,770.15	1,699.24	
33 42 31 00-0149 EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	10,137.73	1,764.10	
33 42 31 00-0150 EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	10,564.72	1,834.21	
33 42 31 00-0151 VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	.....	1,321.54	229.28	

33 42 31 00-0152 Precast Concrete Catch Basins (33 42 31 00-0002)
Note: Inside dimensions.

33 42 31 00-0153	1'-6" Diameter Precast Catch Basins <small>(33 42 31 00-0152)</small>				
33 42 31 00-0154 EA	4' Deep, 1'-6" Diameter Precast Catch Basins	.....	593.75	175.53	
33 42 31 00-0155 EA	6' Deep, 1'-6" Diameter Precast Catch Basins	.....	821.78	263.29	
33 42 31 00-0156 EA	8' Deep, 1'-6" Diameter Precast Catch Basins	.....	1,037.88	342.28	
33 42 31 00-0157 EA	10' Deep, 1'-6" Diameter Precast Catch Basins	.....	1,244.91	404.60	
33 42 31 00-0158 EA	12' Deep, 1'-6" Diameter Precast Catch Basins	.....	1,529.52	513.42	
33 42 31 00-0159 EA	14' Deep, 1'-6" Diameter Precast Catch Basins	.....	1,748.53	592.41	
33 42 31 00-0160 VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	.....	121.45	39.49	

33 42 31 00-0161 2' Diameter Precast Catch Basins (33 42 31 00-0152)

33 42 31 00-0162 EA	4' Deep, 2' Diameter Precast Catch Basin	.....	677.63	195.27	
33 42 31 00-0163 EA	6' Deep, 2' Diameter Precast Catch Basin	.....	932.64	289.62	
33 42 31 00-0164 EA	8' Deep, 2' Diameter Precast Catch Basin	.....	1,173.40	381.77	
33 42 31 00-0165 EA	10' Deep, 2' Diameter Precast Catch Basin	.....	1,403.23	445.40	
33 42 31 00-0166 EA	12' Deep, 2' Diameter Precast Catch Basin	.....	1,733.91	570.46	
33 42 31 00-0167 EA	14' Deep, 2' Diameter Precast Catch Basin	.....	1,979.73	658.23	
33 42 31 00-0168 VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	.....	137.52	47.39	

33 42 31 00-0169 3' Diameter Precast Catch Basins (33 42 31 00-0152)

33 42 31 00-0170 EA	4' Deep, 3' Diameter Precast Catch Basin	.....	901.36	230.38	
33 42 31 00-0171 EA	6' Deep, 3' Diameter Precast Catch Basin	.....	1,223.67	340.53	
33 42 31 00-0172 EA	8' Deep, 3' Diameter Precast Catch Basin	.....	1,531.71	449.79	
33 42 31 00-0173 EA	10' Deep, 3' Diameter Precast Catch Basin	.....	1,907.69	561.69	
33 42 31 00-0174 EA	12' Deep, 3' Diameter Precast Catch Basin	.....	2,251.40	669.64	
33 42 31 00-0175 EA	14' Deep, 3' Diameter Precast Catch Basin	.....	2,582.18	779.35	
33 42 31 00-0176 VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	.....	177.12	55.66	

33 42 31 00-0177 4' Diameter Precast Catch Basins (33 42 31 00-0152)

33 42 31 00-0178 EA	4' Deep, 4' Diameter Precast Catch Basin	.....	1,095.99	256.27	
33 42 31 00-0179 EA	6' Deep, 4' Diameter Precast Catch Basin	.....	1,420.96	351.05	
33 42 31 00-0180 EA	8' Deep, 4' Diameter Precast Catch Basin	.....	1,888.72	526.59	
33 42 31 00-0181 EA	10' Deep, 4' Diameter Precast Catch Basin	.....	2,356.74	658.23	
33 42 31 00-0182 EA	12' Deep, 4' Diameter Precast Catch Basin	.....	2,783.06	789.87	
33 42 31 00-0183 EA	14' Deep, 4' Diameter Precast Catch Basin	.....	3,194.62	921.53	
33 42 31 00-0184 VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	.....	218.57	65.83	

33 42 31 00-0185 5' Diameter Precast Catch Basins (33 42 31 00-0152)

33 42 31 00-0186 EA	4' Deep, 5' Diameter Precast Catch Basin	.....	1,473.96	351.05	
33 42 31 00-0187 EA	6' Deep, 5' Diameter Precast Catch Basin	.....	2,006.49	526.59	
33 42 31 00-0188 EA	8' Deep, 5' Diameter Precast Catch Basin	.....	2,541.62	702.12	
33 42 31 00-0189 EA	10' Deep, 5' Diameter Precast Catch Basin	.....	3,104.30	877.64	
33 42 31 00-0190 EA	12' Deep, 5' Diameter Precast Catch Basin	.....	3,657.82	1,053.17	
33 42 31 00-0191 EA	14' Deep, 5' Diameter Precast Catch Basin	.....	4,254.96	1,228.70	
33 42 31 00-0192 VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	.....	290.77	87.77	

33 42 31 00-0193 6' Diameter Precast Catch Basins (33 42 31 00-0152)

33 42 31 00-0194 EA	4' Deep, 6' Diameter Precast Catch Basin	.....	2,153.71	526.59	
33 42 31 00-0195 EA	6' Deep, 6' Diameter Precast Catch Basin	.....	2,900.84	789.87	
33 42 31 00-0196 EA	8' Deep, 6' Diameter Precast Catch Basin	.....	3,702.79	1,053.17	
33 42 31 00-0197 EA	10' Deep, 6' Diameter Precast Catch Basin	.....	4,613.78	1,316.46	
33 42 31 00-0198 EA	12' Deep, 6' Diameter Precast Catch Basin	.....	5,495.31	1,579.76	
33 42 31 00-0199 EA	14' Deep, 6' Diameter Precast Catch Basin	.....	6,354.26	1,843.05	
33 42 31 00-0200 VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	.....	433.24	131.64	

33 42 31 00-0201 Precast Catch Basins Accessories (33 42 31 00-0152)

33 42 31 00-0202 EA	Single Or Double Wing Slab Top With Throat	.....	1,235.58	570.46	
33 42 31 00-0203 EA	4' x 4' Weir Box, Precast Catch Basin	.....	615.81	70.21	
33 42 31 00-0204 EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	.....	337.19	74.60	
33 42 31 00-0205 EA	3' Diameter, Up To 6" High, Precast Extension Ring	.....	416.69	109.71	
	For Each Additional Inch In Height, Add		51.15		
33 42 31 00-0206 EA	4' Diameter, Up To 6" High, Precast Extension Ring	.....	490.95	131.64	
	For Each Additional Inch In Height, Add		59.87		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring <i>For Each Additional Inch In Height, Add</i>	572.71 69.88	153.58
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring <i>For Each Additional Inch In Height, Add</i>	710.12 61.82	219.41
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	526.56	
33 42 31 00-0210 Catch Basin Risers (33 42 31 00-0152)				
33 42 31 00-0211	EA	Up To 860 Square Inch, Up To 2" Rise, Catch Basin Riser	273.89	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	302.48	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	336.39	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	294.41	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	324.94	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	362.50	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	324.15	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	351.40	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	389.12	
33 42 31 00-0220 Cast In Place, Storm Drain Cleanout (33 42 31 00-0002)				
Note: Inside span.				
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	3,973.88	672.13
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,527.26	767.02
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,142.59	870.51
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,173.88	1,044.26
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	7,484.11	1,260.73
33 42 31 00-0226 Precast Concrete Inlet Boxes (33 42 31 00-0002)				
Note: Inside dimensions.				
33 42 31 00-0227 Precast Concrete Inlet Boxes (33 42 31 00-0226)				
33 42 31 00-0228 24" x 24" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)				
Note: Yard inlet.				
33 42 31 00-0229 24" x 24" ID, Precast Concrete Inlet Boxes (33 42 31 00-0228)				
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	620.76	61.43
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	730.07	74.60
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	839.38	87.77
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	949.78	101.48
33 42 31 00-0234 24" x 24" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0228)				
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	157.58	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	253.73	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	358.65	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	463.56	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	568.49	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	673.42	
33 42 31 00-0241 22" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)				
33 42 31 00-0242 22" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0241)				
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,277.15	172.05
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,437.25	198.93
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,597.36	225.81
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,757.59	252.76
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,917.82	279.70
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,078.05	306.65
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,238.29	333.59
33 42 31 00-0250 22" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0241)				
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	308.69	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	494.52	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	538.43	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	688.65	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	838.88	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	982.13	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,142.23	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,302.34	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,462.58	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,622.81	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,783.04	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,943.28	
33 42 31 00-0263 30" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)				
33 42 31 00-0264 30" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0263)				
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,233.87	189.25
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,394.51	218.82
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,555.14	248.39
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,715.93	278.03

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,876.72	307.67
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,037.50	337.32
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,198.29	366.95
33 42 31 00-0272		30" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0263)		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	306.23	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	485.14	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	529.88	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	676.98	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	824.07	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	970.30	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,128.58	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,286.00	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,444.27	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,601.70	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,759.97	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,918.25	
33 42 31 00-0285		42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0286		42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0285)		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,465.72	206.46
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,654.31	240.00
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,842.91	274.41
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,030.66	307.96
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,219.26	342.36
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,407.86	375.92
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,595.59	409.47
33 42 31 00-0294		42" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0285)		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	337.52	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	546.01	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	592.04	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	758.70	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	925.37	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,092.03	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,270.31	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,448.59	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,626.86	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,805.14	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,983.42	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,161.70	
33 42 31 00-0307		42" x 48" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0285)		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab.....	832.62	129.04
33 42 31 00-0309		48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0310		48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0309)		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,073.48	229.39
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,324.80	267.10
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,576.13	304.80
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,827.19	342.37
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,078.24	379.94
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,329.31	417.51
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,580.37	455.07
33 42 31 00-0318		48" x 54" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0309)		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	339.36	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	538.22	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	785.82	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,033.43	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,266.70	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,514.31	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,765.63	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,016.96	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,268.02	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,519.07	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,770.14	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,021.19	
33 42 31 00-0331		48" x 54" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0309)		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab.....	904.89	139.79
33 42 31 00-0333		48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0334		48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0333)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0335	EA		36" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	2,392.67	289.04
33 42 31 00-0336	EA		42" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	2,669.68	337.33
33 42 31 00-0337	EA		48" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	2,946.66	385.62
33 42 31 00-0338	EA		54" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,223.12	433.64
33 42 31 00-0339	EA		60" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,499.58	481.67
33 42 31 00-0340	EA		66" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,776.05	529.69
33 42 31 00-0341	EA		72" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,052.51	577.71
33 42 31 00-0342			48" x 66" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0333)		
33 42 31 00-0343	EA		6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	373.10	
33 42 31 00-0344	EA		12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	577.61	
33 42 31 00-0345	EA		18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	854.36	
33 42 31 00-0346	EA		24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,131.12	
33 42 31 00-0347	EA		30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,383.78	
33 42 31 00-0348	EA		36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,660.55	
33 42 31 00-0349	EA		42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,937.55	
33 42 31 00-0350	EA		48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	2,214.53	
33 42 31 00-0351	EA		54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	2,490.99	
33 42 31 00-0352	EA		60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	2,767.46	
33 42 31 00-0353	EA		66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	3,043.92	
33 42 31 00-0354	EA		72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	3,320.38	
33 42 31 00-0355			48" x 66" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0333)		
33 42 31 00-0356	EA		48" x 66" ID, Precast Concrete Inlet Box Top Slab.....	1,006.13	156.56
33 42 31 00-0357			42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0227)		
33 42 31 00-0358			42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0357)		
33 42 31 00-0359	EA		36" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	2,999.32	389.68
33 42 31 00-0360	EA		42" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	3,350.10	454.20
33 42 31 00-0361	EA		48" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	3,700.87	517.85
33 42 31 00-0362	EA		54" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,050.78	582.37
33 42 31 00-0363	EA		60" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,401.56	646.03
33 42 31 00-0364	EA		66" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,751.47	709.69
33 42 31 00-0365	EA		72" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,103.11	774.20
33 42 31 00-0366			42" x 102" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0357)		
33 42 31 00-0367	EA		6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	500.46	
33 42 31 00-0368	EA		12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	761.76	
33 42 31 00-0369	EA		18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	1,106.51	
33 42 31 00-0370	EA		24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	1,451.27	
33 42 31 00-0371	EA		30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	1,771.08	
33 42 31 00-0372	EA		36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,115.82	
33 42 31 00-0373	EA		42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,466.60	
33 42 31 00-0374	EA		48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,817.37	
33 42 31 00-0375	EA		54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	3,167.28	
33 42 31 00-0376	EA		60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	3,518.06	
33 42 31 00-0377	EA		66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	3,867.97	
33 42 31 00-0378	EA		72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	4,218.75	
33 42 31 00-0379			42" x 102" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0357)		
33 42 31 00-0380	EA		42" x 102" ID, Precast Concrete Inlet Box Top Slab.....	1,368.25	172.05
33 42 31 00-0381			Frames And Grates For Inlets (33 42 31 00-0226)		
33 42 31 00-0382			Inlet Frames And Grates (33 42 31 00-0381)		
33 42 31 00-0383	EA		24" x 24", Heavy Duty Inlet Grate..... Note: For type A, B, D, or E inlets.	260.24	40.62
33 42 31 00-0384	EA		47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT)..... Note: For type A, B, D, or E inlets.	331.73	40.62
33 42 31 00-0385	EA		47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT)..... Note: Includes legend: Dump No Waste "Drains To Waterways".	331.73	40.62
33 42 31 00-0386	EA		Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT)..... Note: Legend: Dump No Waste "Drains to Waterways"	331.73	40.62
33 42 31 00-0387	EA		Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362).....	361.55	40.62
33 42 31 00-0388	EA		Type B Inlet Dirt Plate (US Foundry 5217 BK).....	293.67	81.23
33 42 31 00-0389	EA		Back Plate For Type B Inlets (Campbell Foundry 2548-1942).....	335.42	81.23
33 42 31 00-0390	EA		Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4)..... Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	417.79	101.54
33 42 31 00-0391	EA		1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	364.11	101.54
33 42 31 00-0392	EA		2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	370.08	101.54
33 42 31 00-0393	EA		2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	382.01	101.54
33 42 31 00-0394	EA		3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	393.93	101.54
33 42 31 00-0395	EA		2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	382.01	101.54
33 42 31 00-0396	EA		2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	393.93	101.54
33 42 31 00-0397	EA		3" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	405.86	101.54
33 42 31 00-0398	EA		2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	560.93	101.54
33 42 31 00-0399	EA		2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	584.79	101.54

33	33 Utilities
	33 40 Stormwater Utilities
	33 42 Stormwater Conveyance



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0400 EA 3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	608.65	101.54
33 42 31 00-0401 EA 2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701).....	429.72	101.54
33 42 31 00-0402 EA 6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	393.93	101.54
33 42 31 00-0403 EA 8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	393.93	101.54
33 42 31 00-0404 EA 6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	751.70	101.54
33 42 31 00-0405 EA 8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	751.70	101.54
33 42 31 00-0406 EA Safety Bars For Type B And D Inlets (General Foundries 5218 SB).....	342.67	111.69
33 42 31 00-0407 EA 6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648)	455.99	111.69
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0408 EA 8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848)	455.99	111.69
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0409 EA 10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048)	497.74	111.69
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0410 EA Type B Inlet Frame (US Foundry 5216 FRM)	563.35	111.69
33 42 31 00-0411 EA Type D Inlet Frame (US Foundry 2999 FRM)	491.78	111.69
33 42 31 00-0412 EA Type B Inlet Frame (Campbell Foundry 2618-0202).....	676.67	111.69
33 42 31 00-0413 EA Type D Inlet Frame (Campbell Foundry 2617-0002).....	605.10	111.69
33 42 31 00-0414 EA Type A Inlet, Single Frame And Grate (US Foundry 52340).....	790.13	162.46
33 42 31 00-0415 EA Type E Inlet, Single Frame And Grate (US Foundry 52342).....	1,219.55	162.46
33 42 31 00-0416 EA Type A Inlet, Single Frame And Grate (General Foundries 52340)	772.24	162.46
33 42 31 00-0417 EA Type E Inlet, Double Frame And Grate (General Foundries 52342).....	1,163.49	162.46
33 42 31 00-0418 EA Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,280.62	243.70
33 42 31 00-0419 EA Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,351.57	324.92
33 42 31 00-0420 EA 6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186).....	1,466.95	324.92
33 42 31 00-0421 EA 8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198).....	1,466.95	324.92
33 42 31 00-0422 EA 6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266).....	1,317.84	324.92
33 42 31 00-0423 EA 8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268).....	1,317.84	324.92
33 42 31 00-0424 EA Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198).....	1,514.66	324.92
33 42 31 00-0425 Catch Basin Frames And Covers (33 42 31 00-0001)		
33 42 31 00-0426 Cast Iron Frames And Covers (33 42 31 00-0425)		
33 42 31 00-0427 EA 18" Diameter Cast Iron Catch Basin Frame And Cover	387.83	87.77
33 42 31 00-0428 EA 22" Diameter Cast Iron Catch Basin Frame And Cover	478.86	99.18
33 42 31 00-0429 EA 24" Diameter Cast Iron Catch Basin Frame And Cover	532.07	102.68
33 42 31 00-0430 EA 26" Diameter Cast Iron Catch Basin Frame And Cover	595.66	119.36
33 42 31 00-0431 EA 28" Diameter Cast Iron Catch Basin Frame And Cover	685.26	136.03
33 42 31 00-0432 EA 32" Diameter Cast Iron Catch Basin Frame And Cover	1,045.16	142.18
33 42 31 00-0433 EA 16" x 16" Cast Iron Catch Basin Frame And Cover.....	584.65	107.95
33 42 31 00-0434 EA 18" x 24" Cast Iron Catch Basin Frame And Cover.....	747.35	124.63
33 42 31 00-0435 EA 20" x 27" Cast Iron Catch Basin Frame And Cover	835.37	129.89
33 42 31 00-0436 EA 23" x 23" Cast Iron Catch Basin Frame And Cover.....	795.73	129.89
33 42 31 00-0437 EA 24" x 24" Cast Iron Catch Basin Frame And Cover.....	823.38	135.16
33 42 31 00-0438 EA 26" x 26" Cast Iron Catch Basin Frame And Cover.....	880.09	140.43
33 42 31 00-0439 EA 24" x 36" Cast Iron Catch Basin Frame And Cover.....	1,042.22	150.95
33 42 31 00-0440 Stainless Steel Frame And Cover (33 42 31 00-0425)		
33 42 31 00-0441 EA 24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover.....	5,315.39	150.95
Note: Swalegard Prefilter		
33 42 31 00-0442 Area Yard Drain (33 42 31 00-0001)		
33 42 31 00-0443 Ductile Iron Grates (33 42 31 00-0442)		
Note: Not for traffic loading.		
33 42 31 00-0444 EA 8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	133.52	31.53
33 42 31 00-0445 EA 10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	163.65	33.63
33 42 31 00-0446 EA 12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	380.60	42.04
33 42 31 00-0447 EA 15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	454.77	50.45
33 42 31 00-0448 Concrete Drainage Inlet Structures (CALTRANS) (33 42 31 00-0001)		
33 42 31 00-0449 Type OS Concrete Drainage Inlet Structure (33 42 31 00-0448)		
33 42 31 00-0450 EA 3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,398.00	
33 42 31 00-0451 EA 4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,787.70	
33 42 31 00-0452 EA 5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,150.21	
33 42 31 00-0453 EA 6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,485.53	
33 42 31 00-0454 EA 7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,793.66	
33 42 31 00-0455 EA 8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,074.58	
33 42 31 00-0456 EA 8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,544.34	
33 42 31 00-0457 EA 10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,465.85	
33 42 31 00-0458 EA 12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,317.47	
33 42 31 00-0459 EA 14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,100.94	
33 42 31 00-0460 EA 16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,858.08	
33 42 31 00-0461 EA 18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,555.97	
33 42 31 00-0462 EA 20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,194.61	
33 42 31 00-0463 Type OL-7 Concrete Drainage Inlet Structure (33 42 31 00-0448)		
33 42 31 00-0464 EA 3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,265.35	
33 42 31 00-0465 EA 4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,630.19	
33 42 31 00-0466 EA 5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,967.85	
33 42 31 00-0467 EA 6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,278.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

33 42 31 00-0468	EA		7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,560.67	
33 42 31 00-0469	EA		8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,816.74	
33 42 31 00-0470	EA		8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,242.83	
33 42 31 00-0471	EA		10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,143.06	
33 42 31 00-0472	EA		12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,973.39	
33 42 31 00-0473	EA		14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,734.70	
33 42 31 00-0474	EA		16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,473.59	
33 42 31 00-0475	EA		18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,153.22	
33 42 31 00-0476	EA		20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,773.60	

33 42 31 00-0477 Type OL-10 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0478	EA		3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,064.70	
33 42 31 00-0479	EA		4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,406.80	
33 42 31 00-0480	EA		5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,720.84	
33 42 31 00-0481	EA		6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,008.57	
33 42 31 00-0482	EA		7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,268.22	
33 42 31 00-0483	EA		8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,500.69	
33 42 31 00-0484	EA		8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,941.34	
33 42 31 00-0485	EA		10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,819.40	
33 42 31 00-0486	EA		12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,629.32	
33 42 31 00-0487	EA		14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,369.35	
33 42 31 00-0488	EA		16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,089.09	
33 42 31 00-0489	EA		18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,750.47	
33 42 31 00-0490	EA		20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,351.71	

33 42 31 00-0491 Type OL-14 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0492	EA		3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,204.17	
33 42 31 00-0493	EA		4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,512.85	
33 42 31 00-0494	EA		5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,794.36	
33 42 31 00-0495	EA		6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	6,048.65	
33 42 31 00-0496	EA		7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	6,275.76	
33 42 31 00-0497	EA		8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	6,475.68	
33 42 31 00-0498	EA		8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,930.88	
33 42 31 00-0499	EA		10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,778.71	
33 42 31 00-0500	EA		12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,557.53	
33 42 31 00-0501	EA		14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,267.32	
33 42 31 00-0502	EA		16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,962.01	
33 42 31 00-0503	EA		18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,596.57	
33 42 31 00-0504	EA		20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,171.88	

33 42 31 00-0505 Type OL-21 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0506	EA		3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	7,517.13	
33 42 31 00-0507	EA		4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	7,759.22	
33 42 31 00-0508	EA		5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	7,974.11	
33 42 31 00-0509	EA		6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	8,161.81	
33 42 31 00-0510	EA		7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	8,321.44	
33 42 31 00-0511	EA		8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	8,454.75	
33 42 31 00-0512	EA		8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,866.31	
33 42 31 00-0513	EA		10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,654.63	
33 42 31 00-0514	EA		12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,373.93	
33 42 31 00-0515	EA		14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,024.21	
33 42 31 00-0516	EA		16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,667.78	
33 42 31 00-0517	EA		18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	13,251.23	
33 42 31 00-0518	EA		20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	13,775.41	

33 42 31 00-0519 Type GOL-7 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0520	EA		3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,962.64	
33 42 31 00-0521	EA		4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,365.51	
33 42 31 00-0522	EA		5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,737.23	
33 42 31 00-0523	EA		6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,077.77	
33 42 31 00-0524	EA		7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,388.04	
33 42 31 00-0525	EA		8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,668.02	
33 42 31 00-0526	EA		8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,217.82	
33 42 31 00-0527	EA		10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,220.56	
33 42 31 00-0528	EA		12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,145.71	
33 42 31 00-0529	EA		14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,992.40	
33 42 31 00-0530	EA		16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,815.57	
33 42 31 00-0531	EA		18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,572.12	
33 42 31 00-0532	EA		20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,261.16	

33 42 31 00-0533 Type GOL-10 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0534	EA		3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,830.02	
33 42 31 00-0535	EA		4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,207.13	
33 42 31 00-0536	EA		5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,553.98	
33 42 31 00-0537	EA		6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,870.55	
33 42 31 00-0538	EA		7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	6,155.94	
33 42 31 00-0539	EA		8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	6,410.19	
33 42 31 00-0540	EA		8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,959.98	
33 42 31 00-0541	EA		10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,939.61	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0542	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,841.65
33 42 31 00-0543	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,666.10
33 42 31 00-0544	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,469.39
33 42 31 00-0545	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,206.05
33 42 31 00-0546	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,876.07
33 42 31 00-0547 Type G-1 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0548	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,615.67
33 42 31 00-0549	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,932.74
33 42 31 00-0550	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,227.13
33 42 31 00-0551	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,500.63
33 42 31 00-0552	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,753.24
33 42 31 00-0553	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,983.18
33 42 31 00-0554 Type G-2 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0555	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,227.93
33 42 31 00-0556	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,584.59
33 42 31 00-0557	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,916.39
33 42 31 00-0558	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,223.32
33 42 31 00-0559	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,505.38
33 42 31 00-0560	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,761.72
33 42 31 00-0561	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,093.23
33 42 31 00-0562	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,943.49
33 42 31 00-0563	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,730.26
33 42 31 00-0564	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,453.57
33 42 31 00-0565	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,152.62
33 42 31 00-0566	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,797.18
33 42 31 00-0567	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,386.42
33 42 31 00-0568 Type G-3 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0569	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,751.73
33 42 31 00-0570	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,064.51
33 42 31 00-0571	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,355.51
33 42 31 00-0572	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,625.61
33 42 31 00-0573	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,873.05
33 42 31 00-0574	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,099.59
33 42 31 00-0575 Type G-4_24 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0576	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,159.90
33 42 31 00-0577	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,518.70
33 42 31 00-0578	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,852.64
33 42 31 00-0579	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,160.83
33 42 31 00-0580	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,445.04
33 42 31 00-0581	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,703.50
33 42 31 00-0582	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,064.12
33 42 31 00-0583	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,915.89
33 42 31 00-0584	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,703.30
33 42 31 00-0585	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,427.24
33 42 31 00-0586	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,126.79
33 42 31 00-0587	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,771.86
33 42 31 00-0588	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,362.48
33 42 31 00-0589 Type G-4_18 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0590	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,227.93
33 42 31 00-0591	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,584.59
33 42 31 00-0592	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,916.39
33 42 31 00-0593	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,223.32
33 42 31 00-0594	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,505.38
33 42 31 00-0595	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,761.72
33 42 31 00-0596	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,093.23
33 42 31 00-0597	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,943.49
33 42 31 00-0598	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,730.26
33 42 31 00-0599	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,453.57
33 42 31 00-0600	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,152.62
33 42 31 00-0601	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,797.18
33 42 31 00-0602	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,386.42
33 42 31 00-0603 Type G-5 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0604	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,734.72
33 42 31 00-0605	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,047.82
33 42 31 00-0606	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,340.01
33 42 31 00-0607	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,609.55
33 42 31 00-0608	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,858.18
33 42 31 00-0609	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,085.04
33 42 31 00-0610 Type G-6 Concrete Drainage Inlet Structure (33 42 31 00-0448)			
33 42 31 00-0611	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,768.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 31 00-0612	EA	4'	Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,081.20	
33 42 31 00-0613	EA	5'	Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,371.88	
33 42 31 00-0614	EA	6'	Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,640.79	
33 42 31 00-0615	EA	7'	Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,887.92	
33 42 31 00-0616	EA	8'	Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,114.15	

33 42 31 00-0617 Type GT1 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0618	EA	3'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,959.23	
33 42 31 00-0619	EA	4'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,448.35	
33 42 31 00-0620	EA	5'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,938.17	
33 42 31 00-0621	EA	6'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,324.72	
33 42 31 00-0622	EA	7'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,711.11	
33 42 31 00-0623	EA	8'	Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,064.12	

33 42 31 00-0624 Type GT2 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0625	EA	3'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,588.49	
33 42 31 00-0626	EA	4'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,121.11	
33 42 31 00-0627	EA	5'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,615.40	
33 42 31 00-0628	EA	6'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,072.22	
33 42 31 00-0629	EA	7'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,490.71	
33 42 31 00-0630	EA	8'	Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,871.77	
33 42 31 00-0631	EA	8'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,858.12	
33 42 31 00-0632	EA	10'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,111.71	
33 42 31 00-0633	EA	12'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,270.34	
33 42 31 00-0634	EA	14'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,334.89	
33 42 31 00-0635	EA	16'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,365.29	
33 42 31 00-0636	EA	18'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	13,314.10	
33 42 31 00-0637	EA	20'	Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	14,181.32	

33 42 31 00-0638 Type GT3 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0639	EA	3'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,942.22	
33 42 31 00-0640	EA	4'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,431.65	
33 42 31 00-0641	EA	5'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,887.72	
33 42 31 00-0642	EA	6'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,309.54	
33 42 31 00-0643	EA	7'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,696.24	
33 42 31 00-0644	EA	8'	Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,049.57	

33 42 31 00-0645 Type GT4 Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0646	EA	3'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,707.54	
33 42 31 00-0647	EA	4'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,236.20	
33 42 31 00-0648	EA	5'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,727.39	
33 42 31 00-0649	EA	6'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,180.27	
33 42 31 00-0650	EA	7'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,595.67	
33 42 31 00-0651	EA	8'	Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness.....	5,973.63	
33 42 31 00-0652	EA	8'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,872.67	
33 42 31 00-0653	EA	10'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,125.95	
33 42 31 00-0654	EA	12'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,284.26	
33 42 31 00-0655	EA	14'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,347.62	
33 42 31 00-0656	EA	16'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	12,377.76	
33 42 31 00-0657	EA	18'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	13,326.33	
33 42 31 00-0658	EA	20'	Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness.....	14,193.29	

33 42 31 00-0659 Type GO Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0660	EA	3'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,108.88	
33 42 31 00-0661	EA	4'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,452.81	
33 42 31 00-0662	EA	5'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,772.52	
33 42 31 00-0663	EA	6'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,067.99	
33 42 31 00-0664	EA	7'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,339.22	
33 42 31 00-0665	EA	8'	Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,587.09	
33 42 31 00-0666	EA	8'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	4,933.16	
33 42 31 00-0667	EA	10'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	5,758.03	
33 42 31 00-0668	EA	12'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,519.92	
33 42 31 00-0669	EA	14'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,220.60	
33 42 31 00-0670	EA	16'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,898.93	
33 42 31 00-0671	EA	18'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,523.01	
33 42 31 00-0672	EA	20'	Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,094.62	

33 42 31 00-0673 Type GDO Concrete Drainage Inlet Structure (33 42 31 00-0448)

33 42 31 00-0674	EA	3'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,755.15	
33 42 31 00-0675	EA	4'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,207.29	
33 42 31 00-0676	EA	5'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,627.69	
33 42 31 00-0677	EA	6'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,017.25	
33 42 31 00-0678	EA	7'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,374.21	
33 42 31 00-0679	EA	8'	Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,700.31	
33 42 31 00-0680	EA	8'	Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,344.70	
33 42 31 00-0681	EA	10'	Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,407.90	
33 42 31 00-0682	EA	12'	Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,391.13	
33 42 31 00-0683	EA	14'	Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,295.25	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0684	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,169.43	
33 42 31 00-0685	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,974.87	
33 42 31 00-0686	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,711.61	

33 42 33 Stormwater Curbside Drains and Inlets (33 42)**33 42 33 00-0001 Curb Inlet Frames And Covers (33 42 33)****33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers (33 42 33 00-0001)**

33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	713.84	102.68
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	765.56	119.36
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	791.53	119.36
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	867.34	140.43
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	864.21	150.08

33 42 36 Stormwater Trench Drains (33 42)**33 42 36 00-0001 Modular Trench Drains (33 42 36)**

See CSI section 03 31 13 00-0017 for concrete.

33 42 36 00-0002 Modular Trench Drains (33 42 36 00-0001)

Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains (33 42 36 00-0002)**33 42 36 00-0004 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0003)****33 42 36 00-0005 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)**

33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C).....	47.50	14.04
		<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	54.20	
		<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	108.40	
		<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	173.43	
		<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	43.36	
		<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	21.68	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	34.90	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	43.67	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	43.67	

33 42 36 00-0011 6" Wide, Modular Trench Drains (33 42 36 00-0002)**33 42 36 00-0012 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0011)****33 42 36 00-0013 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)**

33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	121.10	14.04
		<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	54.20	
		<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	108.40	
		<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	173.43	
		<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	43.36	
		<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	21.68	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	56.57	
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	65.34	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	65.34	

33 42 36 00-0019 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)

33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	102.05	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	102.05	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	477.46	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	911.04	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	108.40	

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0011)**33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)**

33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	172.04	14.04
		<i>For Black Acid Resistant Coated Frame, Add</i>	41.19	
		<i>For Galvanized Top Frame Assembly, Add</i>	41.19	
		<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	151.75	

33 42 36 00-0028 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 36 00-0029	EA		Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	60.91	
33 42 36 00-0030	EA		No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	69.68	
33 42 36 00-0031	EA		No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	69.68	
33 42 36 00-0032			Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0033	EA		Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	102.05	
33 42 36 00-0034	EA		Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	102.05	
33 42 36 00-0035	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	477.46	
33 42 36 00-0036	EA		Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	911.04	
33 42 36 00-0037	EA		Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	108.40	
33 42 36 00-0038			6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0039			6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0040	LF		6" Wide, Vinylester Fiberglass, Modular Trench Drain	219.74	14.04
			<i>For Black Acid Resistant Coated Frame, Add</i>	41.19	
			<i>For Galvanized Top Frame Assembly, Add</i>	41.19	
			<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	151.75	
33 42 36 00-0041			Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0042	EA		Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	95.59	
33 42 36 00-0043	EA		No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	104.36	
33 42 36 00-0044	EA		No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	104.36	
33 42 36 00-0045			Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0046	EA		Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	102.05	
33 42 36 00-0047	EA		Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	102.05	
33 42 36 00-0048	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	477.46	
33 42 36 00-0049	EA		Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	911.04	
33 42 36 00-0050	EA		Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	108.40	
33 42 36 00-0051			6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0052			6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0053	LF		6" Wide, Polymer Concrete, Modular Trench Drain	283.75	
33 42 36 00-0054			Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0055	EA		Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	114.10	
33 42 36 00-0056	EA		No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	140.29	
33 42 36 00-0057	EA		No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	49.11	
33 42 36 00-0058			12" Wide, Modular Trench Drains (33 42 36 00-0002)		
33 42 36 00-0059			12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0060			12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0061	LF		12" Wide, High Density Polyethylene, Modular Trench Drain	222.89	19.31
			<i>For Acid Resistant Coated Top Frame, Add</i>	56.37	
			<i>For Galvanized Welded Frame Assembly, Add</i>	59.08	
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	338.19	
33 42 36 00-0062			Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0063	EA		End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	112.29	
33 42 36 00-0064	EA		No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	123.99	
33 42 36 00-0065	EA		No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	123.99	
33 42 36 00-0066			Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0067	EA		Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	180.60	
33 42 36 00-0068	EA		Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	234.80	
33 42 36 00-0069	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	934.67	
33 42 36 00-0070	EA		Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,801.83	
33 42 36 00-0071	EA		Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	216.79	
33 42 36 00-0072			12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0073			12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0072)		
33 42 36 00-0074	LF		12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	277.09	19.31
			<i>For Acid Resistant Coated Top Frame, Add</i>	56.37	
			<i>For Galvanized Welded Frame Assembly, Add</i>	59.08	
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	338.19	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 36 00-0075	Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <small>(33 42 36 00-0072)</small>		
33 42 36 00-0076	EA End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	116.63	
33 42 36 00-0077	EA No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	128.33	
33 42 36 00-0078	EA No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	128.33	
33 42 36 00-0079	Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <small>(33 42 36 00-0072)</small>		
33 42 36 00-0080	EA Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	180.60	
33 42 36 00-0081	EA Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	234.80	
33 42 36 00-0082	EA 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	934.67	
33 42 36 00-0083	EA Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,801.83	
33 42 36 00-0084	EA Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	216.79	
33 42 36 00-0085	12" Wide, Vinylester Fiberglass, Modular Trench Drains <small>(33 42 36 00-0058)</small>		
33 42 36 00-0086	12" Wide, Vinylester Fiberglass, Modular Trench Drains <small>(33 42 36 00-0085)</small>		
33 42 36 00-0087	LF 12" Wide, Vinylester Fiberglass, Modular Trench Drain.....	385.48	19.31
	<i>For Acid Resistant Coated Top Frame, Add</i>	56.37	
	<i>For Galvanized Welded Frame Assembly, Add</i>	59.08	
	<i>For Type 304 Stainless Steel Top Frame, Add</i>	338.19	
33 42 36 00-0088	Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <small>(33 42 36 00-0085)</small>		
33 42 36 00-0089	EA End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	279.22	
33 42 36 00-0090	EA No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	290.92	
33 42 36 00-0091	EA No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	290.92	
33 42 36 00-0092	Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <small>(33 42 36 00-0085)</small>		
33 42 36 00-0093	EA Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	180.60	
33 42 36 00-0094	EA Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	234.80	
33 42 36 00-0095	EA 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	934.67	
33 42 36 00-0096	EA Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,801.83	
33 42 36 00-0097	EA Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	216.79	
33 42 36 00-0098	12" Wide, Polymer Concrete, Modular Trench Drains <small>(33 42 36 00-0058)</small>		
33 42 36 00-0099	12" Wide, Polymer Concrete, Modular Trench Drains <small>(33 42 36 00-0098)</small>		
33 42 36 00-0100	LF 12" Wide, Polymer Concrete, Modular Trench Drain	380.53	
33 42 36 00-0101	Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains <small>(33 42 36 00-0098)</small>		
33 42 36 00-0102	EA Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain.....	192.40	
33 42 36 00-0103	EA No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	330.12	
33 42 36 00-0104	EA No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	83.32	
33 42 36 00-0105	23" Wide, Modular Trench Drains <small>(33 42 36 00-0002)</small>		
33 42 36 00-0106	23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 42 36 00-0105)</small>		
33 42 36 00-0107	23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 42 36 00-0106)</small>		
33 42 36 00-0108	LF 23" Wide, High Density Polyethylene, Modular Trench Drain	311.64	26.32
	<i>For Acid Resistant Coated Frame, Add</i>	84.55	
	<i>For Galvanized Frame Assembly, Add</i>	84.55	
	<i>For Type 304 Stainless Steel Top Frame, Add</i>	520.30	
33 42 36 00-0109	Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 42 36 00-0106)</small>		
33 42 36 00-0110	EA End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	343.39	
33 42 36 00-0111	EA No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	511.59	
33 42 36 00-0112	EA No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	511.59	
33 42 36 00-0113	Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 42 36 00-0106)</small>		
33 42 36 00-0114	EA Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	405.70	
33 42 36 00-0115	EA 90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,844.01	
33 42 36 00-0116	EA Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	3,578.33	
33 42 36 00-0117	EA Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	433.58	
33 42 36 00-0118	Modular Trench Drain Grates <small>(33 42 36 00-0001)</small>		
33 42 36 00-0119	4" Wide, Modular Trench Drain Grates <small>(33 42 36 00-0118)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 36 00-0120	LF		4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	26.51	2.63
33 42 36 00-0121	LF		4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG).....	27.81	2.63
33 42 36 00-0122	LF		4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	22.61	2.63
33 42 36 00-0123	LF		4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	58.39	2.63
33 42 36 00-0124	LF		4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG).....	22.61	2.63
33 42 36 00-0125	LF		4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	58.39	2.63

33 42 36 00-0126 6" Wide, Modular Trench Drain Grates (33 42 36 00-0118)

33 42 36 00-0127	LF		6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	108.45	2.63
33 42 36 00-0128	LF		6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate.....	92.08	2.63
33 42 36 00-0129	LF		6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	96.63	2.63
33 42 36 00-0130	LF		6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	84.60	2.63
33 42 36 00-0131	LF		6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	91.11	2.63
33 42 36 00-0132	LF		6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	92.19	2.63
33 42 36 00-0133	LF		6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	92.19	2.63
33 42 36 00-0134	LF		6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	91.11	2.63
33 42 36 00-0135	LF		6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate.....	80.27	2.63
33 42 36 00-0136	LF		6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	80.27	2.63
33 42 36 00-0137	LF		6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	85.25	2.63
33 42 36 00-0138	LF		6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	85.25	2.63
33 42 36 00-0139	LF		6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	110.62	2.63
33 42 36 00-0140	LF		6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	110.62	2.63
33 42 36 00-0141	LF		6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	201.67	2.63
33 42 36 00-0142	LF		6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	201.67	2.63
33 42 36 00-0143	LF		6" Wide, Stainless Steel Bar, Modular Trench Drain Grate.....	559.37	2.63
33 42 36 00-0144	LF		6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	75.93	2.63
33 42 36 00-0145	LF		6" Wide, Fiberglass, Modular Trench Drain Grate	162.65	2.63

33 42 36 00-0146 12" Wide, Modular Trench Drain Grates (33 42 36 00-0118)

33 42 36 00-0147	LF		12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate.....	297.50	2.85
33 42 36 00-0148	LF		12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	284.49	2.85
33 42 36 00-0149	LF		12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	247.63	2.85
33 42 36 00-0150	LF		12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	260.10	2.85
33 42 36 00-0151	LF		12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	224.87	2.85
33 42 36 00-0152	LF		12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	438.95	2.85
33 42 36 00-0153	LF		12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	438.95	2.85
33 42 36 00-0154	LF		12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	559.81	2.85
33 42 36 00-0155	LF		12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	559.81	2.85
33 42 36 00-0156	LF		12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	714.28	2.85
33 42 36 00-0157	LF		12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	714.28	2.85
33 42 36 00-0158	LF		12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	677.96	2.85
33 42 36 00-0159	LF		12" Wide, Fiberglass, Modular Trench Drain Grate	320.80	2.85

33 42 36 00-0160 23" Wide, Modular Trench Drain Grates (33 42 36 00-0118)

33 42 36 00-0161	LF		23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	469.20	3.07
33 42 36 00-0162	LF		23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	395.49	3.07
33 42 36 00-0163	LF		23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	612.28	3.07
33 42 36 00-0164	LF		23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate.....	454.03	3.07

33 44 Storm Utility Water Drains (33 40)

33 44 36 Oil and Stormwater Separators (33 44)

33 44 36 00-0001			Oil/Water Separator (33 44 36)		
			Note: Complete with internal sensors and detectors.		
33 44 36 00-0002			Coalescing Oil Water Separator (33 44 36 00-0001)		
			Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
33 44 36 00-0003			Single Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)		
33 44 36 00-0004	EA		550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	11,231.43	
			Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	711.00	
33 44 36 00-0005	EA		1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways.....	13,695.18	
			Note: HTC-G 1000. 4' diameter x 14' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	893.70	
33 44 36 00-0006	EA		2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways.....	16,363.22	
			Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	1,340.10	
33 44 36 00-0007			Double Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)		
33 44 36 00-0008	EA		550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	17,330.20	
			Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	711.00	
33 44 36 00-0009	EA		1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	19,903.69	
			Note: HTC-G 1000. 4' diameter x 14' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	893.70	
33 44 36 00-0010	EA		2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	24,254.92	
			Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	1,340.10	

33 Utilities**33 40 Stormwater Utilities****33 44 Storm Utility Water Drains**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	28,192.05	
		Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
		For Interior Polyurethane Coating, Add	1,550.70	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	37,429.87	
		Note: HTC-G 5000. 6' diameter x 28'-8" long tank.		
		For Interior Polyurethane Coating, Add	2,057.80	
33 44 36 00-0013		Accessories For Coalescing Oil Water Separators (33 44 36 00-0002)		
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator.....	748.70	
		Note: HTAP1.		
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator.....	1,010.70	
		Note: HTAP2.		
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator.....	583.86	
		Note: Required for UL 2215 label.		
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator.....	440.20	
		Note: Required for UL 2215 label.		
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator.....	170.83	
		Note: Required for UL 2215 label.		
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	2,433.43	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	4,866.84	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	7,300.33	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	469.49	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	546.11	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,092.22	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	2,356.64	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	649.07	
		Note: Required when installed in paved areas.		
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	837.64	
		Note: Required when installed in paved areas.		
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator.....	1,145.95	
		Note: Required when installed in paved areas.		
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator	2,041.45	
		Note: Required when installed in paved areas.		
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator	2,608.91	
		Note: Required when installed in paved areas.		
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator	3,260.17	
		Note: Required when installed in paved areas.		
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator	4,095.81	
		Note: Required when installed in paved areas.		
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	798.52	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	973.31	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,528.80	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	761.41	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	924.22	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,096.62	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator.....	64.65	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator.....	73.03	
33 44 36 00-0041		Oil Skimmers (33 44 36)		
33 44 36 00-0042		Oil Skimmers, 12" And 24" Models (33 44 36 00-0041)		
33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,979.40	565.14
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,215.20	565.14
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	5,001.24	565.14
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,303.62	565.14
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,249.04	565.14
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,448.81	565.14
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,300.34	565.14
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,601.64	565.14
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	5,609.65	753.67
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,861.82	753.67
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	5,676.24	753.67
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,038.67	753.67
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,247.17	753.67
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,499.34	753.67
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	6,300.66	753.67
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,664.18	753.67
33 44 36 00-0059		Oil Skimmers, Add-Ons (33 44 36 00-0041)		
33 44 36 00-0060	LF	Add For Belt Projection, 12" Width.....	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width.....	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models.....	255.73	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models.....	303.76	

33 50 Hydrocarbon Utilities (33)**33 52 Hydrocarbon Transmission and Distribution (33 50)**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 52 16 Gas Hydrocarbon Piping (33 52)

33 52 16 13 Steel Natural Gas Piping (33 52 16)

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines (33 52 16 13)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped (33 52 16 13-0001)

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	13.32	2.49
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	15.20	2.73
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	17.01	2.80
33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	17.46	2.88
33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	18.04	2.91
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	19.16	3.13
33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	25.60	3.60
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	31.97	4.54
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	42.37	5.48
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	56.03	6.36
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	70.19	7.77
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	100.65	9.98

33 52 16 13-0015 Gas Line Taps (33 52 16 13-0001)

Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI (33 52 16 13-0015)

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	1,414.58	
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	1,576.44	
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	1,665.78	
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	2,500.00	
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	3,836.54	

33 52 16 13-0022 Steel, Schedule 40 (33 52 16 13-0015)

Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,769.55	
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,799.46	
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,844.06	
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,886.95	
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,916.73	
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,082.25	
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,138.15	

33 52 16 13-0030 Protective Pipe And Fitting Wrap (33 52 16 13-0001)

Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe (33 52 16 13-0030)

Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.60	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.76	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.95	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.45	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.75	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.48	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	6.75	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.47	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	10.77	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	14.43	

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings (33 52 16 13-0030)

Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.91	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.91	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	22.00	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.03	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.03	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	29.63	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	39.44	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	55.62	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	56.49	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	65.28	

33 52 16 13-0053 Service Fittings (33 52 16 13-0001)

33 52 16 13-0054 Brass Fittings (33 52 16 13-0053)

33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	30.73	
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33 Utilities**33 50 Hydrocarbon Utilities****33 52 Hydrocarbon Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	35.56	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	44.88	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	55.34	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	61.94	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	79.90	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	26.66	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	30.49	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	39.17	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	50.01	
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	56.88	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	74.94	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	25.44	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	33.05	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	43.07	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	61.81	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	75.66	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	103.79	

33 52 16 13-0073 Anodless Gas Riser (33 52 16 13-0053)

33 52 16 13-0074	EA	3/4" Anodless Gas Riser	72.99	
33 52 16 13-0075	EA	1" Anodless Gas Riser	89.58	
33 52 16 13-0076	EA	1-1/4" Anodless Gas Riser	103.64	
33 52 16 13-0077	EA	1-1/2" Anodless Gas Riser	126.74	
33 52 16 13-0078	EA	2" Anodless Gas Riser	144.10	

33 52 16 13-0079 Brass Service Adapter (33 52 16 13-0053)

33 52 16 13-0080	EA	1/2" Brass Service Adapter	61.36	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	67.51	
33 52 16 13-0082	EA	1" Brass Service Adapter	81.01	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	98.39	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	118.24	
33 52 16 13-0085	EA	2" Brass Service Adapter	142.30	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	242.65	
33 52 16 13-0087	EA	3" Brass Service Adapter	296.44	
33 52 16 13-0088	EA	4" Brass Service Adapter	427.20	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas (33 52 16)**33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping** (33 52 16 23)

Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.41	1.55
		<i>For Colors, Add</i>	0.04	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.79	1.65
		<i>For SDR 13.5, Deduct</i>	-0.08	
		<i>For Colors, Add</i>	0.05	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.16	1.77
		<i>For SDR 13.5, Deduct</i>	-0.10	
		<i>For Colors, Add</i>	0.06	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.56	1.88
		<i>For SDR 13.5, Deduct</i>	-0.12	
		<i>For Colors, Add</i>	0.08	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.18	2.27
		<i>For SDR 13.5, Deduct</i>	-0.17	
		<i>For Colors, Add</i>	0.11	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.83	2.45
		<i>For SDR 13.5, Deduct</i>	-0.22	
		<i>For SDR 15.5, Deduct</i>	-0.41	
		<i>For Colors, Add</i>	0.14	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	7.26	2.88
		<i>For SDR 13.5, Deduct</i>	-0.37	
		<i>For SDR 15.5, Deduct</i>	-0.69	
		<i>For Colors, Add</i>	0.24	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.81	3.42
		<i>For SDR 13.5, Deduct</i>	-0.51	
		<i>For SDR 15.5, Deduct</i>	-0.94	
		<i>For Colors, Add</i>	0.33	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	13.87	3.79
		<i>For SDR 13.5, Deduct</i>	-0.95	
		<i>For SDR 15.5, Deduct</i>	-1.74	
		<i>For Colors, Add</i>	0.61	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	17.44	3.79
		<i>For SDR 13.5, Deduct</i>	-1.31	
		<i>For SDR 15.5, Deduct</i>	-2.41	
		<i>For Colors, Add</i>	0.85	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	21.09	3.79
		<i>For SDR 13.5, Deduct</i>	-1.68	
		<i>For SDR 15.5, Deduct</i>	-3.08	
		<i>For Colors, Add</i>	1.08	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	31.05	4.73
		<i>For SDR 13.5, Deduct</i>	-2.79	
		<i>For SDR 15.5, Deduct</i>	-5.14	
		<i>For Colors, Add</i>	1.80	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

33 52 16 26 High Density Polyethylene Piping for Natural Gas (33 52 16)

33 52 16 26-0001	High Density Polyethylene (HDPE) Gas Distribution Piping <small>(33 52 16 26)</small> Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 26-0002	LF 1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe.....	3.47	1.55
33 52 16 26-0003	LF 3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i>	3.87 -0.09	1.65
33 52 16 26-0004	LF 1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i>	4.24 -0.11	1.77
33 52 16 26-0005	LF 1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i>	4.65 -0.13	1.88
33 52 16 26-0006	LF 1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i>	5.32 -0.19	2.27
33 52 16 26-0007	LF 2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i>	6.02 -0.25 -0.46 -0.66	2.45
33 52 16 26-0008	LF 2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i>	7.56 -0.41 -0.76 -1.10	2.88
33 52 16 26-0009	LF 3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i> <i>For SDR 21, Deduct</i>	9.23 -0.56 -1.04 -1.50 -2.06	3.42
33 52 16 26-0010	LF 4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i> <i>For SDR 21, Deduct</i>	14.63 -1.04 -1.91 -2.78 -3.80	3.79
33 52 16 26-0011	LF 6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i> <i>For SDR 21, Deduct</i>	22.45 -1.85 -3.39 -4.93 -6.75	3.79
33 52 16 26-0012	LF 8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe..... <i>For SDR 13.5, Deduct</i> <i>For SDR 15.5, Deduct</i> <i>For SDR 17, Deduct</i> <i>For SDR 21, Deduct</i>	33.30 -3.07 -5.65 -8.20 -11.23	4.73

33 53 Hydrocarbon Utility Pressure Regulation (33 50)

33 53 16 Gas Hydrocarbon Pressure Regulation (33 53)

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends (33 53 16)

33 53 16 00-0002	EA 3/4" Gas Pressure Regulator, Screwed End.....	166.25	16.37
33 53 16 00-0003	EA 1" Gas Pressure Regulator, Screwed End.....	169.97	16.37
33 53 16 00-0004	EA 1-1/4" Gas Pressure Regulator, Screwed End.....	178.88	19.43
33 53 16 00-0005	EA 1-1/2" Gas Pressure Regulator, Screwed End.....	558.53	22.50
33 53 16 00-0006	EA 2" Gas Pressure Regulator, Screwed End.....	605.50	34.84
33 53 16 00-0007	EA 3" Gas Pressure Regulator, Screwed End.....	1,681.66	78.17
33 53 16 00-0008	EA 4" Gas Pressure Regulator, Screwed End.....	2,329.76	103.59

33 56 Hydrocarbon Storage (33 50)

33 56 13 Aboveground Hydrocarbon Storage Tanks (33 56)

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage (33 56)

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering (33 50)

33 59 11 Diaphragm/Bellows Hydrocarbons Meters (33 59)

33 59 11 00-0001 Diaphragm Meters (33 59 11)

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA 250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	432.78 8.40 26.50	64.04
33 59 11 00-0003	EA 425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	823.32 8.40 26.50	97.94
33 59 11 00-0004	EA 425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	950.64 8.40 26.50	97.94
33 59 11 00-0005	EA 800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	1,980.21 8.40 26.50	122.42
33 59 11 00-0006	EA 1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	2,253.95 8.40 26.50	150.67

33 Utilities**33 50 Hydrocarbon Utilities****33 59 Hydrocarbon Utility Metering**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,889.97	122.42
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	3,232.95	150.67
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,230.48	160.10
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,952.30	188.35
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	9,117.56	310.77
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	

33 59 16 Hydrocarbons Turbine Meters (33 59)**33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading (33 59 16)**

Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	7,377.25	318.46
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	7,671.39	369.83
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	11,827.58	406.07
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	22,903.50	494.35
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	38,155.80	617.93

33 60 Hydronic And Steam Energy Utilities (33)**33 61 Hydronic Energy Distribution (33 60)****33 61 13 Buried Hydronic Energy Distribution (33 61)****33 61 13 13 Prefabricated/Preinsulated Pipe (33 61 13)**

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe (33 61 13 13)

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe (33 61 13 13-0001)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.55	
		<i>For Schedule 80 Pipe, Add</i>	5.51	
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.75	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.61	
		<i>For Schedule 80 Pipe, Add</i>	6.06	
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	59.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.68	
		<i>For Schedule 80 Pipe, Add</i>	6.83	
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.92	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.73	
		<i>For Schedule 80 Pipe, Add</i>	7.33	
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.20	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.77	
		<i>For Schedule 80 Pipe, Add</i>	7.66	
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	76.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.83	
		<i>For Schedule 80 Pipe, Add</i>	8.33	
33 61 13 13-0009	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	87.06	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.90	
		<i>For Schedule 80 Pipe, Add</i>	8.99	
33 61 13 13-0010	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	110.23	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.13	
		<i>For Schedule 80 Pipe, Add</i>	11.32	
33 61 13 13-0011	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	138.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.45	
		<i>For Schedule 80 Pipe, Add</i>	14.49	
33 61 13 13-0012	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	161.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.68	
		<i>For Schedule 80 Pipe, Add</i>	16.82	
33 61 13 13-0013	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	215.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.45	
		<i>For Schedule 80 Pipe, Add</i>	24.48	
33 61 13 13-0014	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	272.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.23	
		<i>For Schedule 80 Pipe, Add</i>	32.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0015	LF		12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	337.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.03	
			<i>For Schedule 80 Pipe, Add</i>	40.30	
33 61 13 13-0016			Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small>		
			Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0017	LF		3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.02	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.61	
			<i>For Schedule 80 Pipe, Add</i>	6.06	
33 61 13 13-0018	LF		1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.67	
			<i>For Schedule 80 Pipe, Add</i>	6.67	
33 61 13 13-0019	LF		1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.75	
			<i>For Schedule 80 Pipe, Add</i>	7.51	
33 61 13 13-0020	LF		1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.81	
			<i>For Schedule 80 Pipe, Add</i>	8.06	
33 61 13 13-0021	LF		2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	70.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.84	
			<i>For Schedule 80 Pipe, Add</i>	8.43	
33 61 13 13-0022	LF		2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	80.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.92	
			<i>For Schedule 80 Pipe, Add</i>	9.16	
33 61 13 13-0023	LF		3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	91.55	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.99	
			<i>For Schedule 80 Pipe, Add</i>	9.89	
33 61 13 13-0024	LF		4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	115.90	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.25	
			<i>For Schedule 80 Pipe, Add</i>	12.46	
33 61 13 13-0025	LF		5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	145.35	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.59	
			<i>For Schedule 80 Pipe, Add</i>	15.94	
33 61 13 13-0026	LF		6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	169.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.85	
			<i>For Schedule 80 Pipe, Add</i>	18.50	
33 61 13 13-0027	LF		8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	227.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.69	
			<i>For Schedule 80 Pipe, Add</i>	26.92	
33 61 13 13-0028	LF		10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	288.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.55	
			<i>For Schedule 80 Pipe, Add</i>	35.53	
33 61 13 13-0029	LF		12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	357.77	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.43	
			<i>For Schedule 80 Pipe, Add</i>	44.33	
33 61 13 13-0030			Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0031	LF		3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.40	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.63	
			<i>For Schedule 80 Pipe, Add</i>	6.34	
33 61 13 13-0032	LF		1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70	
			<i>For Schedule 80 Pipe, Add</i>	6.97	
33 61 13 13-0033	LF		1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.79	
			<i>For Schedule 80 Pipe, Add</i>	7.85	
33 61 13 13-0034	LF		1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	68.42	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.84	
			<i>For Schedule 80 Pipe, Add</i>	8.43	
33 61 13 13-0035	LF		2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.88	
			<i>For Schedule 80 Pipe, Add</i>	8.81	
33 61 13 13-0036	LF		2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	82.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.96	
			<i>For Schedule 80 Pipe, Add</i>	9.57	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 61 13 13-0037	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	93.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.03	
		<i>For Schedule 80 Pipe, Add</i>	10.34	
33 61 13 13-0038	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	118.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.30	
		<i>For Schedule 80 Pipe, Add</i>	13.02	
33 61 13 13-0039	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	148.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.67	
		<i>For Schedule 80 Pipe, Add</i>	16.66	
33 61 13 13-0040	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	173.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.93	
		<i>For Schedule 80 Pipe, Add</i>	19.34	
33 61 13 13-0041	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	233.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.81	
		<i>For Schedule 80 Pipe, Add</i>	28.15	
33 61 13 13-0042	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	296.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.71	
		<i>For Schedule 80 Pipe, Add</i>	37.15	
33 61 13 13-0043	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	367.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.63	
		<i>For Schedule 80 Pipe, Add</i>	46.34	
33 61 13 13-0044		Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0045	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	55.47	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.68	
		<i>For Schedule 80 Pipe, Add</i>	6.75	
33 61 13 13-0046	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.74	
		<i>For Schedule 80 Pipe, Add</i>	7.42	
33 61 13 13-0047	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	66.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.84	
		<i>For Schedule 80 Pipe, Add</i>	8.36	
33 61 13 13-0048	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	71.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.90	
		<i>For Schedule 80 Pipe, Add</i>	8.97	
33 61 13 13-0049	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	74.81	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.94	
		<i>For Schedule 80 Pipe, Add</i>	9.38	
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	85.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.02	
		<i>For Schedule 80 Pipe, Add</i>	10.20	
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	97.17	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.10	
		<i>For Schedule 80 Pipe, Add</i>	11.01	
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	122.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.39	
		<i>For Schedule 80 Pipe, Add</i>	13.87	
33 61 13 13-0053	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	154.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.77	
		<i>For Schedule 80 Pipe, Add</i>	17.75	
33 61 13 13-0054	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	179.95	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.06	
		<i>For Schedule 80 Pipe, Add</i>	20.60	
33 61 13 13-0055	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	242.87	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.00	
		<i>For Schedule 80 Pipe, Add</i>	29.98	
33 61 13 13-0056	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	308.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.96	
		<i>For Schedule 80 Pipe, Add</i>	39.57	
33 61 13 13-0057	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	382.95	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.94	
		<i>For Schedule 80 Pipe, Add</i>	49.36	
33 61 13 13-0058		Preinsulated Black Steel Fittings <small>(33 61 13 13)</small>		
		Note: No excavation or backfill.		
33 61 13 13-0059		Elbows <small>(33 61 13 13-0058)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0060		Elbows <small>(33 61 13 13-0059)</small>			
		<small>Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</small>			
33 61 13 13-0061	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		384.78	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		5.66	
33 61 13 13-0062	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		399.30	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		5.79	
33 61 13 13-0063	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		459.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		6.59	
33 61 13 13-0064	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		517.94	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		7.19	
33 61 13 13-0065	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		612.06	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		7.49	
33 61 13 13-0066	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		736.77	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		7.79	
33 61 13 13-0067	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		856.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		8.99	
33 61 13 13-0068	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		999.32	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		10.49	
33 61 13 13-0069	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,182.57	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		13.49	
33 61 13 13-0070	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,299.46	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		15.32	
33 61 13 13-0071	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,819.53	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		22.15	
33 61 13 13-0072	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		2,441.19	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		28.31	
33 61 13 13-0073	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		3,104.85	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		37.47	

33 61 13 13-0074		Elbows <small>(33 61 13 13-0059)</small>			
		<small>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</small>			
33 61 13 13-0075	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		406.01	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		6.09	
33 61 13 13-0076	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		421.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		6.23	
33 61 13 13-0077	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		483.91	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		7.09	
33 61 13 13-0078	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		544.91	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		7.73	
33 61 13 13-0079	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		640.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		8.06	
33 61 13 13-0080	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		765.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		8.38	
33 61 13 13-0081	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		889.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		9.67	
33 61 13 13-0082	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,038.66	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		11.28	
33 61 13 13-0083	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,233.15	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		14.50	
33 61 13 13-0084	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,356.91	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		16.47	
33 61 13 13-0085	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		1,902.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		23.81	
33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		2,547.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		30.43	
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....		3,245.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>		40.28	

33 61 13 13-0088		Elbows <small>(33 61 13 13-0059)</small>			
		<small>Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</small>			

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	427.24	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.51	
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	442.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.66	
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	508.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.58	
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	571.89	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.27	
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	668.26	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.62	
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	795.21	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.96	
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	923.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.34	
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,078.00	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.06	
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,283.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.51	
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,414.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.62	
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,985.63	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.47	
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,653.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.55	
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,385.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	43.09	
33 61 13 13-0102		Elbows <small>(33 61 13 13-0059)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	448.47	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.94	
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	464.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.10	
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	533.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.08	
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	598.86	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.81	
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	696.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.18	
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	824.44	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.55	
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	957.43	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.01	
33 61 13 13-0110	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,117.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.85	
33 61 13 13-0111	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,334.31	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.52	
33 61 13 13-0112	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,471.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.77	
33 61 13 13-0113	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,068.68	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.13	
33 61 13 13-0114	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,759.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.68	
33 61 13 13-0115	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,526.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.89	
33 61 13 13-0116		Tees <small>(33 61 13 13-0058)</small>		
33 61 13 13-0117		Tees <small>(33 61 13 13-0116)</small>		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13	13-0118	EA 3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	572.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.41	
33 61	13	13-0119	EA 1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	594.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.61	
33 61	13	13-0120	EA 1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	683.67	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.79	
33 61	13	13-0121	EA 1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	771.31	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.68	
33 61	13	13-0122	EA 2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	912.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.13	
33 61	13	13-0123	EA 2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,098.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.57	
33 61	13	13-0124	EA 3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,277.68	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.35	
33 61	13	13-0125	EA 4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,491.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.58	
33 61	13	13-0126	EA 5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,766.43	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.03	
33 61	13	13-0127	EA 6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,938.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.75	
33 61	13	13-0128	EA 8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,711.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.89	
33 61	13	13-0129	EA 10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,642.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.04	
33 61	13	13-0130	EA 12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,629.18	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	55.64	
33 61 13 13-0131 Tees <small>(33 61 13 13-0116)</small>					
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13	13-0132	EA 3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	604.40	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.04	
33 61	13	13-0133	EA 1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	626.72	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.25	
33 61	13	13-0134	EA 1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	720.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.53	
33 61	13	13-0135	EA 1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	811.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.48	
33 61	13	13-0136	EA 2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	953.76	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.96	
33 61	13	13-0137	EA 2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,142.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.44	
33 61	13	13-0138	EA 3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,327.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.35	
33 61	13	13-0139	EA 4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,549.55	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.75	
33 61	13	13-0140	EA 5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,841.54	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.53	
33 61	13	13-0141	EA 6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,023.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.46	
33 61	13	13-0142	EA 8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,834.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.35	
33 61	13	13-0143	EA 10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,800.01	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.19	
33 61	13	13-0144	EA 12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,837.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	59.81	
33 61 13 13-0145 Tees <small>(33 61 13 13-0116)</small>					
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13	13-0146	EA 3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	635.92	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.67	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	658.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.90	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	757.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.26	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	851.43	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.28	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	995.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.80	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,185.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.31	
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,377.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.36	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,607.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.91	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,916.65	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.03	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,109.06	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.16	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,958.02	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.82	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,957.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	48.34	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,046.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	63.98	
33 61 13 13-0159		Tees <small>(33 61 13 13-0159)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	667.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.30	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	691.26	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.54	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	793.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.00	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	891.49	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.09	
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,037.22	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.63	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,228.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.18	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,427.90	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.36	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,666.38	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.08	
33 61 13 13-0168	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,991.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.54	
33 61 13 13-0169	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,194.37	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.87	
33 61 13 13-0170	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,081.35	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.29	
33 61 13 13-0171	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,115.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.49	
33 61 13 13-0172	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,255.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	68.15	
33 61 13 13-0173		Reducers <small>(33 61 13 13-0058)</small>		
33 61 13 13-0174		Reducers <small>(33 61 13 13-0173)</small>		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0175	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	326.52	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.70	

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33 61 13 13-0176	EA			1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	339.07	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.81	
33 61 13 13-0177	EA			1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	390.20	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.47	
33 61 13 13-0178	EA			1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	440.90	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.97	
33 61 13 13-0179	EA			2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	524.52	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.22	
33 61 13 13-0180	EA			2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	643.62	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.47	
33 61 13 13-0181	EA			3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	742.46	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.46	
33 61 13 13-0182	EA			4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	862.48	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.71	
33 61 13 13-0183	EA			5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,017.27	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.19	
33 61 13 13-0184	EA			6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,116.08	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.71	
33 61 13 13-0185	EA			8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,560.22	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.38	
33 61 13 13-0186	EA			10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,098.44	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.49	
33 61 13 13-0187	EA			12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,661.36	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.10	

33 61 13 13-0188
Reducers (33 61 13 13-0173)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0189	EA			3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	344.14	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.05	
33 61 13 13-0190	EA			1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	357.10	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.17	
33 61 13 13-0191	EA			1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	410.72	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.88	
33 61 13 13-0192	EA			1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	463.29	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.42	
33 61 13 13-0193	EA			2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	547.84	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.69	
33 61 13 13-0194	EA			2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	667.87	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.95	
33 61 13 13-0195	EA			3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	770.45	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.02	
33 61 13 13-0196	EA			4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	895.13	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.36	
33 61 13 13-0197	EA			5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,059.25	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.03	
33 61 13 13-0198	EA			6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,163.76	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.67	
33 61 13 13-0199	EA			8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,629.15	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.76	
33 61 13 13-0200	EA			10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,186.55	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.26	
33 61 13 13-0201	EA			12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,777.98	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.43	

33 61 13 13-0202
Reducers (33 61 13 13-0173)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0203	EA			3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	361.76	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.40	
33 61 13 13-0204	EA			1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	375.14	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.53	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	431.24
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.29
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	485.68
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.87
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	571.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.15
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	692.13
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	798.44
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.58
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	927.78
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.01
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,101.23
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.87
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,211.44
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.62
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,698.08
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.14
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,274.65
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.02
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,894.59
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.76
33 61 13 13-0216		Reducers <small>(33 61 13 13-0173)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	379.38
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.76
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	393.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.89
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	451.77
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.70
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	508.07
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.31
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	594.49
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.62
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	716.38
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.92
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	826.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.14
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	960.43
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.67
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,143.21
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.71
33 61 13 13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,259.12
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.58
33 61 13 13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,767.01
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.52
33 61 13 13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,362.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.78
33 61 13 13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,011.20
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	38.09
33 61 13 13-0230		Preinsulated Type K Copper Pipe <small>(33 61 13 13)</small>	
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.	
33 61 13 13-0231		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>	
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0232	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	41.61
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.41
33 61 13 13-0233	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	45.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.45

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33 61 13 13-0234	LF			1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket49.59 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.51		
33 61 13 13-0235	LF			1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....52.80 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.54		
33 61 13 13-0236	LF			2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....55.61 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.57		
33 61 13 13-0237	LF			2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....64.51 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.62		
33 61 13 13-0238	LF			3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....74.39 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.67		
33 61 13 13-0239	LF			4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....94.26 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.84		
33 61 13 13-0240	LF			5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....117.74 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.07		
33 61 13 13-0241	LF			6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....137.38 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.25		
33 61 13 13-0242	LF			8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....181.40 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.82		
33 61 13 13-0243	LF			10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....227.65 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.40		
33 61 13 13-0244	LF			12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....282.17 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.99		
33 61 13 13-0245				Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0246	LF			3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....43.65 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.45		
33 61 13 13-0247	LF			1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....47.57 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.49		
33 61 13 13-0248	LF			1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....52.12 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.56		
33 61 13 13-0249	LF			1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....55.52 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.60		
33 61 13 13-0250	LF			2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....58.45 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.63		
33 61 13 13-0251	LF			2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....67.59 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.68		
33 61 13 13-0252	LF			3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....77.73 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.73		
33 61 13 13-0253	LF			4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....98.46 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.92		
33 61 13 13-0254	LF			5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....123.11 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.18		
33 61 13 13-0255	LF			6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....143.61 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.37		
33 61 13 13-0256	LF			8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....190.48 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.00		
33 61 13 13-0257	LF			10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....239.62 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.64		
33 61 13 13-0258	LF			12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....297.11 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.29		
33 61 13 13-0259				Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small> Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0260	LF			3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....44.68 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.47		
33 61 13 13-0261	LF			1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....48.70 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.52		
33 61 13 13-0262	LF			1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....53.39 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.58		

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.88
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.63
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	59.87
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	69.14
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.71
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	79.40
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.77
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	100.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.97
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	125.80
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.24
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	146.73
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.43
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	195.02
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.09
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	245.61
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.76
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	304.58
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.44
33 61 13 13-0273		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	46.21
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.50
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.38
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.55
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	55.28
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	58.91
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.67
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	62.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	71.45
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.76
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	81.90
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.82
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	103.71
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.03
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	129.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.32
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	151.41
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.53
33 61 13 13-0284	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	201.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.22
33 61 13 13-0285	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	254.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.94
33 61 13 13-0286	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	315.79
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.66
33 61 13 13-0287		Preinsulated Copper Fittings <small>(33 61 13 13)</small>	
33 61 13 13-0288		Elbows <small>(33 61 13 13-0287)</small>	
33 61 13 13-0289		Elbows <small>(33 61 13 13-0288)</small>	
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0290	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	321.41
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.66
33 61 13 13-0291	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	333.73
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.77
33 61 13 13-0292	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	383.94
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.43

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33 61 13 13-0293	EA		1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	433.63 5.92	
33 61 13 13-0294	EA		2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	514.78 6.17	
33 61 13 13-0295	EA		2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	622.51 6.41	
33 61 13 13-0296	EA		3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	723.64 7.40	
33 61 13 13-0297	EA		4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	844.53 8.63	
33 61 13 13-0298	EA		5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	996.88 11.10	
33 61 13 13-0299	EA		6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,094.30 12.61	
33 61 13 13-0300	EA		8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,530.63 18.23	
33 61 13 13-0301	EA		10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,056.79 23.30	
33 61 13 13-0302	EA		12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,612.65 30.83	

33 61 13 13-0303 Elbows (33 61 13 13-0288)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0304	EA		3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	338.88 5.01	
33 61 13 13-0305	EA		1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	351.61 5.13	
33 61 13 13-0306	EA		1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	404.29 5.83	
33 61 13 13-0307	EA		1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	455.83 6.36	
33 61 13 13-0308	EA		2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	537.90 6.63	
33 61 13 13-0309	EA		2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	646.56 6.89	
33 61 13 13-0310	EA		3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	751.39 7.96	
33 61 13 13-0311	EA		4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	876.90 9.28	
33 61 13 13-0312	EA		5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,038.51 11.93	
33 61 13 13-0313	EA		6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,141.58 13.55	
33 61 13 13-0314	EA		8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,598.98 19.59	
33 61 13 13-0315	EA		10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,144.15 25.04	
33 61 13 13-0316	EA		12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,728.28 33.15	

33 61 13 13-0317 Elbows (33 61 13 13-0288)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0318	EA		3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	356.35 5.36	
33 61 13 13-0319	EA		1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	369.50 5.48	
33 61 13 13-0320	EA		1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	424.64 6.24	
33 61 13 13-0321	EA		1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	478.03 6.81	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	561.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.09	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	670.61	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.38	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	779.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.51	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	909.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.93	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,080.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.77	
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,189.09	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.50	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,667.20	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.96	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,231.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.79	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,844.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.46	

33 61 13 13-0331 Elbows (33 61 13 13-0288)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	373.83	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.71	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	387.38	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.84	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	444.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.65	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	500.23	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.25	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	584.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.55	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	694.66	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.86	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	806.89	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.07	
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	941.65	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.58	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,121.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.60	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,236.37	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.44	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,735.55	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.33	
33 61 13 13-0343	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,318.51	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.54	
33 61 13 13-0344	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,959.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.77	

33 61 13 13-0345 Tees (33 61 13 13-0287)**33 61 13 13-0346 Tees** (33 61 13 13-0345)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0347	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	478.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	
33 61 13 13-0348	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	496.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.08	
33 61 13 13-0349	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	571.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.06	
33 61 13 13-0350	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	645.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.79	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61	13	13-0351	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	767.15	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.16	
33 61	13	13-0352	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	928.44	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.52	
33 61	13	13-0353	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,079.93	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.99	
33 61	13	13-0354	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,260.36	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.82	
33 61	13	13-0355	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,489.39	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.48	
33 61	13	13-0356	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,632.57	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.72	
33 61	13	13-0357	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,281.00	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.07	
33 61	13	13-0358	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,069.21	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.60	
33 61	13	13-0359	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,895.84	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.79	

33 61 13 13-0360 Tees (33 61 13 13-0345)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0361	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	504.52	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61	13	13-0362	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	523.43	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.61	
33 61	13	13-0363	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	601.91	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.66	
33 61	13	13-0364	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	678.81	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45	
33 61	13	13-0365	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	801.50	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.84	
33 61	13	13-0366	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	964.15	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.24	
33 61	13	13-0367	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,121.14	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.81	
33 61	13	13-0368	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,308.44	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.78	
33 61	13	13-0369	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,551.21	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.72	
33 61	13	13-0370	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,702.78	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.13	
33 61	13	13-0371	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,382.50	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.10	
33 61	13	13-0372	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,198.95	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.19	
33 61	13	13-0373	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,067.55	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.22	

33 61 13 13-0374 Tees (33 61 13 13-0345)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0375	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	530.47	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.96	
33 61	13	13-0376	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	549.99	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.14	
33 61	13	13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	632.13	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.27	
33 61	13	13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	711.77	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.11	
33 61	13	13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	835.84	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.53	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	999.87
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.95
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,162.35
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.64
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,356.51
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.74
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,613.02
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.96
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,773.32
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.53
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,483.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.13
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,326.62
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.79
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,241.64
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.66
33 61 13 13-0388		Tees <small>(33 61 13 13-0345)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	556.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.48
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	576.55
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.68
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	662.35
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.87
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	744.74
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.77
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	870.18
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.22
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,035.58
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.67
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,203.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.46
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,404.59
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.71
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,674.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.19
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,843.53
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.94
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,584.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.16
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,456.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.38
33 61 13 13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,413.34
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	56.09
33 61 13 13-0402		Reducers <small>(33 61 13 13-0287)</small>	
33 61 13 13-0403		Reducers <small>(33 61 13 13-0402)</small>	
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	272.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.87
33 61 13 13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	283.64
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.96
33 61 13 13-0406	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	326.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.50
33 61 13 13-0407	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	369.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.91
33 61 13 13-0408	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	441.63
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.12

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33 61 13 13-0409	EA			2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	544.60	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.32	
33 61 13 13-0410	EA			3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	628.23	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.14	
33 61 13 13-0411	EA			4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	729.68	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.17	
33 61 13 13-0412	EA			5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	858.52	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.21	
33 61 13 13-0413	EA			6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	940.91	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.46	
33 61 13 13-0414	EA			8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,313.86	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.13	
33 61 13 13-0415	EA			10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,770.04	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.34	
33 61 13 13-0416	EA			12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,241.83	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.59	

33 61 13 13-0417 Reducers (33 61 13 13-0402)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0418	EA			3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	287.50	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.16	
33 61 13 13-0419	EA			1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	298.49	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.26	
33 61 13 13-0420	EA			1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	343.45	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.84	
33 61 13 13-0421	EA			1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	387.91	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.28	
33 61 13 13-0422	EA			2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	460.83	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.50	
33 61 13 13-0423	EA			2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	564.56	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.72	
33 61 13 13-0424	EA			3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	651.26	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.60	
33 61 13 13-0425	EA			4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	756.55	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.70	
33 61 13 13-0426	EA			5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	893.07	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.90	
33 61 13 13-0427	EA			6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	980.15	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.25	
33 61 13 13-0428	EA			8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,370.59	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.26	
33 61 13 13-0429	EA			10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,842.55	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.79	
33 61 13 13-0430	EA			12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,337.80	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.51	

33 61 13 13-0431 Reducers (33 61 13 13-0402)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0432	EA			3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	302.00	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.45	
33 61 13 13-0433	EA			1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	313.33	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.55	
33 61 13 13-0434	EA			1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	360.34	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.18	
33 61 13 13-0435	EA			1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	406.34	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.65	
33 61 13 13-0436	EA			2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	480.02	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.89	
33 61 13 13-0437	EA			2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	584.52	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.12	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	674.29
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.06
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	783.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.24
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	927.62
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.60
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,019.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.03
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,427.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.40
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,914.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.24
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,433.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.43
33 61 13 13-0445		Reducers <small>(33 61 13 13-0402)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	316.50
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.74
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	328.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.85
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	377.23
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.52
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	424.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.02
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	499.21
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.27
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	604.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.52
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	697.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.52
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	810.30
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.78
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	962.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.29
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,058.80
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.82
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,483.73
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.53
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,987.27
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.69
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,529.96
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.35
33 61 13 13-0459		Preinsulated Ductile Iron Carrier Pipe <small>(33 61 13 13)</small>	
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.	
33 61 13 13-0460		Ductile Iron Carrier Pipe <small>(33 61 13 13-0459)</small>	
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	137.18
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	200.71
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	270.80
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	343.88
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	426.87
33 61 13 13-0466		Ductile Iron Carrier Pipe <small>(33 61 13 13-0459)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	145.94
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	213.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	289.73	
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	368.86	
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	458.03	
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	501.12	
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	564.52	
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	635.22	
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	698.99	
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	827.40	

33 61 13 13-0477 Preinsulated Ductile Iron Fittings (33 61 13 13)
33 61 13 13-0478 Elbows (33 61 13 13-0477)
33 61 13 13-0479 Elbows (33 61 13 13-0478)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,250.04	
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,665.59	
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,348.83	
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,117.73	
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,000.27	

33 61 13 13-0485 Elbows (33 61 13 13-0478)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,358.21	
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,823.56	
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,577.19	
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,409.62	
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,386.59	
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,337.15	
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,312.27	
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,879.57	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	9,993.84	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	12,932.12	

33 61 13 13-0496 Tees (33 61 13 13-0477)
33 61 13 13-0497 Tees (33 61 13 13-0496)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,863.44	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,482.14	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,497.37	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,647.04	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,958.88	

33 61 13 13-0503 Tees (33 61 13 13-0496)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,024.08	
33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,716.72	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,836.48	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,080.49	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,532.57	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,804.55	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	9,233.35	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	11,527.49	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	14,627.74	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	18,923.63	
33 61 13 13-0514		Reducers <small>(33 61 13 13-0477)</small>		
33 61 13 13-0515		Reducers <small>(33 61 13 13-0514)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,070.57	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,419.97	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,999.54	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,659.97	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,404.56	
33 61 13 13-0521		Reducers <small>(33 61 13 13-0514)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,160.35	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,551.08	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,189.07	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,902.24	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,725.22	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,445.45	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,252.58	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,517.41	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,321.50	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	10,792.72	
33 61 13 13-0532		Tempered Water Piping Pre-Insulated <small>(33 61 13 13)</small>		
33 61 13 13-0533		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0534	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	62.51	19.67
33 61 13 13-0535	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	77.35	22.51
33 61 13 13-0536	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	102.53	24.16
33 61 13 13-0537	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	137.19	30.21
33 61 13 13-0538	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	174.77	37.25
33 61 13 13-0539		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0540	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	43.33	22.51
33 61 13 13-0541	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	46.46	22.51
33 61 13 13-0542	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	49.37	22.51
33 61 13 13-0543	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	59.33	26.60
33 61 13 13-0544	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	72.49	33.76
33 61 13 13-0545		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0546	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	43.33	22.51
33 61 13 13-0547	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	46.46	22.51
33 61 13 13-0548	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	49.37	22.51
33 61 13 13-0549	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	59.33	26.60
33 61 13 13-0550	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	72.49	33.76

33 70 Electrical Utilities (33)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 71 Electrical Utility Transmission And Distribution (33 70)

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes (33 71)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes (33 71 19)

33 71 19 13-0001 Electrical Handholes And Pull Boxes (33 71 19 13)

33 71 19 13-0002 Electrical Pull Boxes (33 71 19 13-0001)

See CSI section 33 05 63 00-0427 for handholes.

33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,638.07	
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,958.29	
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,263.95	
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	3,502.95	
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	3,732.62	
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	4,012.48	
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	4,615.06	

33 71 19 13-0010 Electrical Pull Boxes (CALTRANS) (33 71 19 13-0001)

33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	101.52	
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	36.43	
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	57.88	
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	113.31	
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	170.79	
		<i>For Galvanized Steel Cover, Add</i>	27.83	
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	49.04	
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	49.04	
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	146.67	
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	47.31	
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	68.76	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	223.84	
		<i>For Galvanized Steel Cover, Add</i>	51.01	
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	66.04	
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	62.30	
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	157.55	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	61.93	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	83.38	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	304.10	
		<i>For Galvanized Steel Cover, Add</i>	71.42	
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	76.92	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	72.84	
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	97.33	
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	201.16	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	267.37	
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	90.53	
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	83.72	
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	266.38	
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	383.01	
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	106.85	
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	104.13	
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	365.69	
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	532.65	
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	174.87	
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	138.14	

33 71 19 13-0043 Electrical Property Line Boxes (33 71 19 13)

33 71 19 13-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	3,201.08	339.26
33 71 19 13-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	3,741.40	351.83
33 71 19 13-0046	EA	6' x 4' x 5' Deep Property Line Box	4,123.14	427.22
33 71 19 13-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	6,301.69	628.26

33 71 19 13-0048 Manhole Accessories (33 71 19 13)

33 71 19 13-0049	EA	6" Precast Grade Ring Riser Casting	446.80	
33 71 19 13-0050	EA	12" Precast Grade Ring Riser Casting	483.85	
33 71 19 13-0051	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	1,659.82	
33 71 19 13-0052	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	2,161.85	
33 71 19 13-0053	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	719.15	
33 71 19 13-0054	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	907.05	

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks (33 71 19)

33 71 19 23-0001 Underground Electrical Concrete Markers (33 71 19 23)

33 71 19 23-0002	EA	36" x 6" x 6", Underground Electric Concrete Marker	315.98	
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END OF SECTION 33

33 Utilities

33 70 Electrical Utilities

33 71 Electrical Utility Transmission And Distribution

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 Process Interconnections

40 05 Common Work Results For Process Interconnections ⁽⁴⁰⁾

40 05 19 Ductile Iron Process Pipe ^(40 05)

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping ^(40 05 19)

Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-2059 for bolts, 40 05 19 00-2074 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0001)

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0002)

40 05 19 00-0004	EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	540.36	193.91
	For Class 52 Rating, Deduct	-27.12	
	For Class 54 Rating, Add	18.49	
	For Class 55 Rating, Add	41.10	
40 05 19 00-0005	EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	571.88	197.30
	For Class 52 Rating, Deduct	-30.02	
	For Class 54 Rating, Add	20.47	
	For Class 55 Rating, Add	45.50	
40 05 19 00-0006	EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	603.39	200.69
	For Class 52 Rating, Deduct	-32.93	
	For Class 54 Rating, Add	22.45	
	For Class 55 Rating, Add	49.90	
40 05 19 00-0007	EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	634.91	204.08
	For Class 52 Rating, Deduct	-35.83	
	For Class 54 Rating, Add	24.43	
	For Class 55 Rating, Add	54.29	
40 05 19 00-0008	EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	666.42	207.47
	For Class 52 Rating, Deduct	-38.73	
	For Class 54 Rating, Add	26.41	
	For Class 55 Rating, Add	58.69	
40 05 19 00-0009	EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	697.94	210.86
	For Class 52 Rating, Deduct	-41.63	
	For Class 54 Rating, Add	28.38	
	For Class 55 Rating, Add	63.09	
40 05 19 00-0010	EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	729.46	214.25
	For Class 52 Rating, Deduct	-44.53	
	For Class 54 Rating, Add	30.36	
	For Class 55 Rating, Add	67.49	
40 05 19 00-0011	EA 4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	760.98	217.64
	For Class 52 Rating, Deduct	-47.43	
	For Class 54 Rating, Add	32.34	
	For Class 55 Rating, Add	71.88	
40 05 19 00-0012	EA 4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	792.50	221.03
	For Class 52 Rating, Deduct	-50.34	
	For Class 54 Rating, Add	34.32	
	For Class 55 Rating, Add	76.28	
40 05 19 00-0013	EA 4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	824.01	224.42
	For Class 52 Rating, Deduct	-53.24	
	For Class 54 Rating, Add	36.30	
	For Class 55 Rating, Add	80.68	
40 05 19 00-0014	EA 4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	855.53	227.81
	For Class 52 Rating, Deduct	-56.14	
	For Class 54 Rating, Add	38.28	
	For Class 55 Rating, Add	85.08	
40 05 19 00-0015	EA 4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	887.04	231.20
	For Class 52 Rating, Deduct	-59.04	
	For Class 54 Rating, Add	40.26	
	For Class 55 Rating, Add	89.47	
40 05 19 00-0016	EA 4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	918.57	234.59
	For Class 52 Rating, Deduct	-61.94	
	For Class 54 Rating, Add	42.23	
	For Class 55 Rating, Add	93.87	
40 05 19 00-0017	EA 4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	950.09	237.98
	For Class 52 Rating, Deduct	-64.85	
	For Class 54 Rating, Add	44.21	
	For Class 55 Rating, Add	98.27	
40 05 19 00-0018	EA 4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	981.60	241.37
	For Class 52 Rating, Deduct	-67.75	
	For Class 54 Rating, Add	46.19	
	For Class 55 Rating, Add	102.67	
40 05 19 00-0019	EA 4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,013.12	244.76
	For Class 52 Rating, Deduct	-70.65	
	For Class 54 Rating, Add	48.17	
	For Class 55 Rating, Add	107.07	
40 05 19 00-0020	EA 4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,044.63	248.15
	For Class 52 Rating, Deduct	-73.55	
	For Class 54 Rating, Add	50.15	
	For Class 55 Rating, Add	111.46	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0021	EA		4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,076.15	251.54
			<i>For Class 52 Rating, Deduct</i>	-76.45	
			<i>For Class 54 Rating, Add</i>	52.13	
			<i>For Class 55 Rating, Add</i>	115.86	
40 05 19 00-0022	EA		4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,107.66	254.93
			<i>For Class 52 Rating, Deduct</i>	-79.36	
			<i>For Class 54 Rating, Add</i>	54.11	
			<i>For Class 55 Rating, Add</i>	120.26	
40 05 19 00-0023	EA		4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,139.18	258.32
			<i>For Class 52 Rating, Deduct</i>	-82.26	
			<i>For Class 54 Rating, Add</i>	56.08	
			<i>For Class 55 Rating, Add</i>	124.66	
40 05 19 00-0024	EA		4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,170.70	261.71
			<i>For Class 52 Rating, Deduct</i>	-85.16	
			<i>For Class 54 Rating, Add</i>	58.06	
			<i>For Class 55 Rating, Add</i>	129.05	
40 05 19 00-0025	EA		4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,202.22	265.10
			<i>For Class 52 Rating, Deduct</i>	-88.06	
			<i>For Class 54 Rating, Add</i>	60.04	
			<i>For Class 55 Rating, Add</i>	133.45	
40 05 19 00-0026	EA		4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,233.74	268.49
			<i>For Class 52 Rating, Deduct</i>	-90.96	
			<i>For Class 54 Rating, Add</i>	62.02	
			<i>For Class 55 Rating, Add</i>	137.85	
40 05 19 00-0027	EA		4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,265.25	271.88
			<i>For Class 52 Rating, Deduct</i>	-93.86	
			<i>For Class 54 Rating, Add</i>	64.00	
			<i>For Class 55 Rating, Add</i>	142.25	
40 05 19 00-0028	EA		4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,296.77	275.27
			<i>For Class 52 Rating, Deduct</i>	-96.77	
			<i>For Class 54 Rating, Add</i>	65.98	
			<i>For Class 55 Rating, Add</i>	146.64	
40 05 19 00-0029	EA		4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,328.28	278.66
			<i>For Class 52 Rating, Deduct</i>	-99.67	
			<i>For Class 54 Rating, Add</i>	67.96	
			<i>For Class 55 Rating, Add</i>	151.04	
40 05 19 00-0030	EA		4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,359.80	282.05
			<i>For Class 52 Rating, Deduct</i>	-102.57	
			<i>For Class 54 Rating, Add</i>	69.93	
			<i>For Class 55 Rating, Add</i>	155.44	
40 05 19 00-0031	EA		4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,391.31	285.44
			<i>For Class 52 Rating, Deduct</i>	-105.47	
			<i>For Class 54 Rating, Add</i>	71.91	
			<i>For Class 55 Rating, Add</i>	159.84	
40 05 19 00-0032	EA		4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,422.84	288.83
			<i>For Class 52 Rating, Deduct</i>	-108.37	
			<i>For Class 54 Rating, Add</i>	73.89	
			<i>For Class 55 Rating, Add</i>	164.24	
40 05 19 00-0033	EA		4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,454.36	292.22
			<i>For Class 52 Rating, Deduct</i>	-111.28	
			<i>For Class 54 Rating, Add</i>	75.87	
			<i>For Class 55 Rating, Add</i>	168.63	
40 05 19 00-0034	EA		4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.87	295.61
			<i>For Class 52 Rating, Deduct</i>	-114.18	
			<i>For Class 54 Rating, Add</i>	77.85	
			<i>For Class 55 Rating, Add</i>	173.03	
40 05 19 00-0035	EA		4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,517.39	299.00
			<i>For Class 52 Rating, Deduct</i>	-117.08	
			<i>For Class 54 Rating, Add</i>	79.83	
			<i>For Class 55 Rating, Add</i>	177.43	
40 05 19 00-0036	EA		4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,548.90	302.39
			<i>For Class 52 Rating, Deduct</i>	-119.98	
			<i>For Class 54 Rating, Add</i>	81.81	
			<i>For Class 55 Rating, Add</i>	181.83	
40 05 19 00-0037	EA		4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,580.43	305.78
			<i>For Class 52 Rating, Deduct</i>	-122.88	
			<i>For Class 54 Rating, Add</i>	83.78	
			<i>For Class 55 Rating, Add</i>	186.22	
40 05 19 00-0038	EA		4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,611.94	309.17
			<i>For Class 52 Rating, Deduct</i>	-125.79	
			<i>For Class 54 Rating, Add</i>	85.76	
			<i>For Class 55 Rating, Add</i>	190.62	
40 05 19 00-0039	EA		4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,643.46	312.56
			<i>For Class 52 Rating, Deduct</i>	-128.69	
			<i>For Class 54 Rating, Add</i>	87.74	
			<i>For Class 55 Rating, Add</i>	195.02	
40 05 19 00-0040	EA		4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,674.97	315.95
			<i>For Class 52 Rating, Deduct</i>	-131.59	
			<i>For Class 54 Rating, Add</i>	89.72	
			<i>For Class 55 Rating, Add</i>	199.42	
40 05 19 00-0041	EA		4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,706.49	319.34
			<i>For Class 52 Rating, Deduct</i>	-134.49	
			<i>For Class 54 Rating, Add</i>	91.70	
			<i>For Class 55 Rating, Add</i>	203.81	
40 05 19 00-0042	EA		4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,738.01	322.73
			<i>For Class 52 Rating, Deduct</i>	-137.39	
			<i>For Class 54 Rating, Add</i>	93.68	
			<i>For Class 55 Rating, Add</i>	208.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0043			6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0044	EA		6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	683.35	244.08
			For Class 52 Rating, Deduct	-34.49	
			For Class 54 Rating, Add	23.51	
			For Class 55 Rating, Add	52.26	
40 05 19 00-0045	EA		6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	720.95	247.47
			For Class 52 Rating, Deduct	-38.06	
			For Class 54 Rating, Add	25.95	
			For Class 55 Rating, Add	57.68	
40 05 19 00-0046	EA		6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	758.56	250.86
			For Class 52 Rating, Deduct	-41.63	
			For Class 54 Rating, Add	28.38	
			For Class 55 Rating, Add	63.09	
40 05 19 00-0047	EA		6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	796.16	254.25
			For Class 52 Rating, Deduct	-45.20	
			For Class 54 Rating, Add	30.82	
			For Class 55 Rating, Add	68.50	
40 05 19 00-0048	EA		6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	833.77	257.64
			For Class 52 Rating, Deduct	-48.77	
			For Class 54 Rating, Add	33.26	
			For Class 55 Rating, Add	73.91	
40 05 19 00-0049	EA		6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	871.37	261.03
			For Class 52 Rating, Deduct	-52.35	
			For Class 54 Rating, Add	35.69	
			For Class 55 Rating, Add	79.33	
40 05 19 00-0050	EA		6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	908.97	264.43
			For Class 52 Rating, Deduct	-55.92	
			For Class 54 Rating, Add	38.12	
			For Class 55 Rating, Add	84.74	
40 05 19 00-0051	EA		6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	946.57	267.81
			For Class 52 Rating, Deduct	-59.49	
			For Class 54 Rating, Add	40.56	
			For Class 55 Rating, Add	90.15	
40 05 19 00-0052	EA		6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	984.18	271.20
			For Class 52 Rating, Deduct	-63.06	
			For Class 54 Rating, Add	43.00	
			For Class 55 Rating, Add	95.56	
40 05 19 00-0053	EA		6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,021.79	274.59
			For Class 52 Rating, Deduct	-66.63	
			For Class 54 Rating, Add	45.43	
			For Class 55 Rating, Add	100.98	
40 05 19 00-0054	EA		6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,059.39	277.98
			For Class 52 Rating, Deduct	-70.20	
			For Class 54 Rating, Add	47.87	
			For Class 55 Rating, Add	106.39	
40 05 19 00-0055	EA		6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,097.00	281.37
			For Class 52 Rating, Deduct	-73.77	
			For Class 54 Rating, Add	50.30	
			For Class 55 Rating, Add	111.80	
40 05 19 00-0056	EA		6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,134.60	284.76
			For Class 52 Rating, Deduct	-77.35	
			For Class 54 Rating, Add	52.74	
			For Class 55 Rating, Add	117.22	
40 05 19 00-0057	EA		6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,172.21	288.16
			For Class 52 Rating, Deduct	-80.92	
			For Class 54 Rating, Add	55.17	
			For Class 55 Rating, Add	122.63	
40 05 19 00-0058	EA		6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,209.81	291.54
			For Class 52 Rating, Deduct	-84.49	
			For Class 54 Rating, Add	57.61	
			For Class 55 Rating, Add	128.04	
40 05 19 00-0059	EA		6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,247.42	294.93
			For Class 52 Rating, Deduct	-88.06	
			For Class 54 Rating, Add	60.04	
			For Class 55 Rating, Add	133.45	
40 05 19 00-0060	EA		6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,285.03	298.32
			For Class 52 Rating, Deduct	-91.63	
			For Class 54 Rating, Add	62.48	
			For Class 55 Rating, Add	138.86	
40 05 19 00-0061	EA		6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,322.63	301.71
			For Class 52 Rating, Deduct	-95.20	
			For Class 54 Rating, Add	64.91	
			For Class 55 Rating, Add	144.28	
40 05 19 00-0062	EA		6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,360.24	305.10
			For Class 52 Rating, Deduct	-98.78	
			For Class 54 Rating, Add	67.35	
			For Class 55 Rating, Add	149.69	
40 05 19 00-0063	EA		6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,397.83	308.49
			For Class 52 Rating, Deduct	-102.35	
			For Class 54 Rating, Add	69.78	
			For Class 55 Rating, Add	155.10	
40 05 19 00-0064	EA		6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,435.44	311.89
			For Class 52 Rating, Deduct	-105.92	
			For Class 54 Rating, Add	72.22	
			For Class 55 Rating, Add	160.51	
40 05 19 00-0065	EA		6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,473.04	315.27
			For Class 52 Rating, Deduct	-109.49	
			For Class 54 Rating, Add	74.65	
			For Class 55 Rating, Add	165.93	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,510.65	318.67
		<i>For Class 52 Rating, Deduct</i>	-113.06	
		<i>For Class 54 Rating, Add</i>	77.09	
		<i>For Class 55 Rating, Add</i>	171.34	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,548.25	322.05
		<i>For Class 52 Rating, Deduct</i>	-116.63	
		<i>For Class 54 Rating, Add</i>	79.52	
		<i>For Class 55 Rating, Add</i>	176.75	
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.86	325.44
		<i>For Class 52 Rating, Deduct</i>	-120.20	
		<i>For Class 54 Rating, Add</i>	81.96	
		<i>For Class 55 Rating, Add</i>	182.16	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,623.47	328.83
		<i>For Class 52 Rating, Deduct</i>	-123.78	
		<i>For Class 54 Rating, Add</i>	84.39	
		<i>For Class 55 Rating, Add</i>	187.58	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,661.07	332.22
		<i>For Class 52 Rating, Deduct</i>	-127.35	
		<i>For Class 54 Rating, Add</i>	86.83	
		<i>For Class 55 Rating, Add</i>	192.99	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,698.68	335.62
		<i>For Class 52 Rating, Deduct</i>	-130.92	
		<i>For Class 54 Rating, Add</i>	89.26	
		<i>For Class 55 Rating, Add</i>	198.40	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,736.28	339.00
		<i>For Class 52 Rating, Deduct</i>	-134.49	
		<i>For Class 54 Rating, Add</i>	91.70	
		<i>For Class 55 Rating, Add</i>	203.81	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,773.89	342.40
		<i>For Class 52 Rating, Deduct</i>	-138.06	
		<i>For Class 54 Rating, Add</i>	94.13	
		<i>For Class 55 Rating, Add</i>	209.23	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,811.49	345.78
		<i>For Class 52 Rating, Deduct</i>	-141.63	
		<i>For Class 54 Rating, Add</i>	96.57	
		<i>For Class 55 Rating, Add</i>	214.64	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,849.10	349.17
		<i>For Class 52 Rating, Deduct</i>	-145.21	
		<i>For Class 54 Rating, Add</i>	99.00	
		<i>For Class 55 Rating, Add</i>	220.05	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,886.71	352.56
		<i>For Class 52 Rating, Deduct</i>	-148.78	
		<i>For Class 54 Rating, Add</i>	101.44	
		<i>For Class 55 Rating, Add</i>	225.47	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,924.30	355.95
		<i>For Class 52 Rating, Deduct</i>	-152.35	
		<i>For Class 54 Rating, Add</i>	103.87	
		<i>For Class 55 Rating, Add</i>	230.88	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,961.91	359.35
		<i>For Class 52 Rating, Deduct</i>	-155.92	
		<i>For Class 54 Rating, Add</i>	106.31	
		<i>For Class 55 Rating, Add</i>	236.29	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,999.51	362.73
		<i>For Class 52 Rating, Deduct</i>	-159.49	
		<i>For Class 54 Rating, Add</i>	108.74	
		<i>For Class 55 Rating, Add</i>	241.70	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,037.12	366.13
		<i>For Class 52 Rating, Deduct</i>	-163.06	
		<i>For Class 54 Rating, Add</i>	111.18	
		<i>For Class 55 Rating, Add</i>	247.11	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,074.72	369.51
		<i>For Class 52 Rating, Deduct</i>	-166.63	
		<i>For Class 54 Rating, Add</i>	113.61	
		<i>For Class 55 Rating, Add</i>	252.53	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,112.33	372.90
		<i>For Class 52 Rating, Deduct</i>	-170.21	
		<i>For Class 54 Rating, Add</i>	116.05	
		<i>For Class 55 Rating, Add</i>	257.94	

40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	934.21	311.89
		<i>For Class 52 Rating, Deduct</i>	-50.78	
		<i>For Class 54 Rating, Add</i>	34.62	
		<i>For Class 55 Rating, Add</i>	76.96	
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	983.99	315.27
		<i>For Class 52 Rating, Deduct</i>	-55.69	
		<i>For Class 54 Rating, Add</i>	37.97	
		<i>For Class 55 Rating, Add</i>	84.40	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,033.77	318.67
		<i>For Class 52 Rating, Deduct</i>	-60.60	
		<i>For Class 54 Rating, Add</i>	41.32	
		<i>For Class 55 Rating, Add</i>	91.84	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,083.54	322.05
		<i>For Class 52 Rating, Deduct</i>	-65.51	
		<i>For Class 54 Rating, Add</i>	44.67	
		<i>For Class 55 Rating, Add</i>	99.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0088	EA		8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,133.33	325.44
			<i>For Class 52 Rating, Deduct</i>	-70.43	
			<i>For Class 54 Rating, Add</i>	48.02	
			<i>For Class 55 Rating, Add</i>	106.73	
40 05 19 00-0089	EA		8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,183.11	328.83
			<i>For Class 52 Rating, Deduct</i>	-75.34	
			<i>For Class 54 Rating, Add</i>	51.37	
			<i>For Class 55 Rating, Add</i>	114.17	
40 05 19 00-0090	EA		8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,232.90	332.22
			<i>For Class 52 Rating, Deduct</i>	-80.25	
			<i>For Class 54 Rating, Add</i>	54.71	
			<i>For Class 55 Rating, Add</i>	121.61	
40 05 19 00-0091	EA		8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,282.68	335.62
			<i>For Class 52 Rating, Deduct</i>	-85.16	
			<i>For Class 54 Rating, Add</i>	58.06	
			<i>For Class 55 Rating, Add</i>	129.05	
40 05 19 00-0092	EA		8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,332.45	339.00
			<i>For Class 52 Rating, Deduct</i>	-90.07	
			<i>For Class 54 Rating, Add</i>	61.41	
			<i>For Class 55 Rating, Add</i>	136.50	
40 05 19 00-0093	EA		8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,382.24	342.40
			<i>For Class 52 Rating, Deduct</i>	-94.98	
			<i>For Class 54 Rating, Add</i>	64.76	
			<i>For Class 55 Rating, Add</i>	143.94	
40 05 19 00-0094	EA		8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,432.01	345.78
			<i>For Class 52 Rating, Deduct</i>	-99.89	
			<i>For Class 54 Rating, Add</i>	68.11	
			<i>For Class 55 Rating, Add</i>	151.38	
40 05 19 00-0095	EA		8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,481.80	349.17
			<i>For Class 52 Rating, Deduct</i>	-104.80	
			<i>For Class 54 Rating, Add</i>	71.46	
			<i>For Class 55 Rating, Add</i>	158.82	
40 05 19 00-0096	EA		8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,531.58	352.56
			<i>For Class 52 Rating, Deduct</i>	-109.71	
			<i>For Class 54 Rating, Add</i>	74.80	
			<i>For Class 55 Rating, Add</i>	166.26	
40 05 19 00-0097	EA		8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,581.36	355.95
			<i>For Class 52 Rating, Deduct</i>	-114.62	
			<i>For Class 54 Rating, Add</i>	78.15	
			<i>For Class 55 Rating, Add</i>	173.71	
40 05 19 00-0098	EA		8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,631.14	359.35
			<i>For Class 52 Rating, Deduct</i>	-119.53	
			<i>For Class 54 Rating, Add</i>	81.50	
			<i>For Class 55 Rating, Add</i>	181.15	
40 05 19 00-0099	EA		8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,680.91	362.73
			<i>For Class 52 Rating, Deduct</i>	-124.45	
			<i>For Class 54 Rating, Add</i>	84.85	
			<i>For Class 55 Rating, Add</i>	188.59	
40 05 19 00-0100	EA		8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,730.70	366.13
			<i>For Class 52 Rating, Deduct</i>	-129.36	
			<i>For Class 54 Rating, Add</i>	88.20	
			<i>For Class 55 Rating, Add</i>	196.03	
40 05 19 00-0101	EA		8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,780.47	369.51
			<i>For Class 52 Rating, Deduct</i>	-134.27	
			<i>For Class 54 Rating, Add</i>	91.55	
			<i>For Class 55 Rating, Add</i>	203.48	
40 05 19 00-0102	EA		8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,830.26	372.90
			<i>For Class 52 Rating, Deduct</i>	-139.18	
			<i>For Class 54 Rating, Add</i>	94.89	
			<i>For Class 55 Rating, Add</i>	210.92	
40 05 19 00-0103	EA		8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,880.04	376.29
			<i>For Class 52 Rating, Deduct</i>	-144.09	
			<i>For Class 54 Rating, Add</i>	98.24	
			<i>For Class 55 Rating, Add</i>	218.36	
40 05 19 00-0104	EA		8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,929.82	379.68
			<i>For Class 52 Rating, Deduct</i>	-149.00	
			<i>For Class 54 Rating, Add</i>	101.59	
			<i>For Class 55 Rating, Add</i>	225.80	
40 05 19 00-0105	EA		8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,979.61	383.08
			<i>For Class 52 Rating, Deduct</i>	-153.91	
			<i>For Class 54 Rating, Add</i>	104.94	
			<i>For Class 55 Rating, Add</i>	233.24	
40 05 19 00-0106	EA		8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,029.38	386.46
			<i>For Class 52 Rating, Deduct</i>	-158.82	
			<i>For Class 54 Rating, Add</i>	108.29	
			<i>For Class 55 Rating, Add</i>	240.69	
40 05 19 00-0107	EA		8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,079.17	389.86
			<i>For Class 52 Rating, Deduct</i>	-163.73	
			<i>For Class 54 Rating, Add</i>	111.64	
			<i>For Class 55 Rating, Add</i>	248.13	
40 05 19 00-0108	EA		8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,128.94	393.24
			<i>For Class 52 Rating, Deduct</i>	-168.64	
			<i>For Class 54 Rating, Add</i>	114.98	
			<i>For Class 55 Rating, Add</i>	255.57	
40 05 19 00-0109	EA		8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,178.73	396.63
			<i>For Class 52 Rating, Deduct</i>	-173.55	
			<i>For Class 54 Rating, Add</i>	118.33	
			<i>For Class 55 Rating, Add</i>	263.01	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,228.50	400.02
		<i>For Class 52 Rating, Deduct</i>	-178.47	
		<i>For Class 54 Rating, Add</i>	121.68	
		<i>For Class 55 Rating, Add</i>	270.46	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,278.28	403.41
		<i>For Class 52 Rating, Deduct</i>	-183.38	
		<i>For Class 54 Rating, Add</i>	125.03	
		<i>For Class 55 Rating, Add</i>	277.90	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,328.07	406.81
		<i>For Class 52 Rating, Deduct</i>	-188.29	
		<i>For Class 54 Rating, Add</i>	128.38	
		<i>For Class 55 Rating, Add</i>	285.34	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,377.84	410.19
		<i>For Class 52 Rating, Deduct</i>	-193.20	
		<i>For Class 54 Rating, Add</i>	131.73	
		<i>For Class 55 Rating, Add</i>	292.78	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,427.63	413.59
		<i>For Class 52 Rating, Deduct</i>	-198.11	
		<i>For Class 54 Rating, Add</i>	135.07	
		<i>For Class 55 Rating, Add</i>	300.23	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,477.40	416.97
		<i>For Class 52 Rating, Deduct</i>	-203.02	
		<i>For Class 54 Rating, Add</i>	138.42	
		<i>For Class 55 Rating, Add</i>	307.67	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,527.19	420.36
		<i>For Class 52 Rating, Deduct</i>	-207.93	
		<i>For Class 54 Rating, Add</i>	141.77	
		<i>For Class 55 Rating, Add</i>	315.11	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,576.97	423.75
		<i>For Class 52 Rating, Deduct</i>	-212.84	
		<i>For Class 54 Rating, Add</i>	145.12	
		<i>For Class 55 Rating, Add</i>	322.55	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,626.75	427.14
		<i>For Class 52 Rating, Deduct</i>	-217.75	
		<i>For Class 54 Rating, Add</i>	148.47	
		<i>For Class 55 Rating, Add</i>	329.99	
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,676.54	430.54
		<i>For Class 52 Rating, Deduct</i>	-222.66	
		<i>For Class 54 Rating, Add</i>	151.82	
		<i>For Class 55 Rating, Add</i>	337.44	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,726.31	433.92
		<i>For Class 52 Rating, Deduct</i>	-227.57	
		<i>For Class 54 Rating, Add</i>	155.16	
		<i>For Class 55 Rating, Add</i>	344.88	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,776.10	437.32
		<i>For Class 52 Rating, Deduct</i>	-232.49	
		<i>For Class 54 Rating, Add</i>	158.51	
		<i>For Class 55 Rating, Add</i>	352.32	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,825.87	440.70
		<i>For Class 52 Rating, Deduct</i>	-237.40	
		<i>For Class 54 Rating, Add</i>	161.86	
		<i>For Class 55 Rating, Add</i>	359.76	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,167.83	379.68
		<i>For Class 52 Rating, Deduct</i>	-65.18	
		<i>For Class 54 Rating, Add</i>	44.44	
		<i>For Class 55 Rating, Add</i>	98.78	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,231.82	383.08
		<i>For Class 52 Rating, Deduct</i>	-71.65	
		<i>For Class 54 Rating, Add</i>	48.86	
		<i>For Class 55 Rating, Add</i>	108.59	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,295.80	386.46
		<i>For Class 52 Rating, Deduct</i>	-78.13	
		<i>For Class 54 Rating, Add</i>	53.27	
		<i>For Class 55 Rating, Add</i>	118.40	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,359.79	389.86
		<i>For Class 52 Rating, Deduct</i>	-84.60	
		<i>For Class 54 Rating, Add</i>	57.68	
		<i>For Class 55 Rating, Add</i>	128.21	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,423.77	393.24
		<i>For Class 52 Rating, Deduct</i>	-91.07	
		<i>For Class 54 Rating, Add</i>	62.10	
		<i>For Class 55 Rating, Add</i>	138.02	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,487.76	396.63
		<i>For Class 52 Rating, Deduct</i>	-97.55	
		<i>For Class 54 Rating, Add</i>	66.51	
		<i>For Class 55 Rating, Add</i>	147.83	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.73	400.02
		<i>For Class 52 Rating, Deduct</i>	-104.02	
		<i>For Class 54 Rating, Add</i>	70.92	
		<i>For Class 55 Rating, Add</i>	157.64	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,615.72	403.41
		<i>For Class 52 Rating, Deduct</i>	-110.49	
		<i>For Class 54 Rating, Add</i>	75.34	
		<i>For Class 55 Rating, Add</i>	167.45	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,679.71	406.81
		For Class 52 Rating, Deduct	-116.97	
		For Class 54 Rating, Add	79.75	
		For Class 55 Rating, Add	177.26	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,743.69	410.19
		For Class 52 Rating, Deduct	-123.44	
		For Class 54 Rating, Add	84.16	
		For Class 55 Rating, Add	187.07	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,807.68	413.59
		For Class 52 Rating, Deduct	-129.91	
		For Class 54 Rating, Add	88.58	
		For Class 55 Rating, Add	196.88	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,871.66	416.97
		For Class 52 Rating, Deduct	-136.39	
		For Class 54 Rating, Add	92.99	
		For Class 55 Rating, Add	206.69	
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,935.66	420.36
		For Class 52 Rating, Deduct	-142.86	
		For Class 54 Rating, Add	97.41	
		For Class 55 Rating, Add	216.50	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,999.64	423.75
		For Class 52 Rating, Deduct	-149.33	
		For Class 54 Rating, Add	101.82	
		For Class 55 Rating, Add	226.31	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,063.63	427.14
		For Class 52 Rating, Deduct	-155.81	
		For Class 54 Rating, Add	106.23	
		For Class 55 Rating, Add	236.12	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,127.62	430.54
		For Class 52 Rating, Deduct	-162.28	
		For Class 54 Rating, Add	110.65	
		For Class 55 Rating, Add	245.93	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,191.60	433.92
		For Class 52 Rating, Deduct	-168.76	
		For Class 54 Rating, Add	115.06	
		For Class 55 Rating, Add	255.74	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,255.58	437.32
		For Class 52 Rating, Deduct	-175.23	
		For Class 54 Rating, Add	119.47	
		For Class 55 Rating, Add	265.55	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,319.56	440.70
		For Class 52 Rating, Deduct	-181.70	
		For Class 54 Rating, Add	123.89	
		For Class 55 Rating, Add	275.36	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,383.55	444.09
		For Class 52 Rating, Deduct	-188.17	
		For Class 54 Rating, Add	128.30	
		For Class 55 Rating, Add	285.17	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,447.53	447.48
		For Class 52 Rating, Deduct	-194.65	
		For Class 54 Rating, Add	132.71	
		For Class 55 Rating, Add	294.98	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,511.52	450.87
		For Class 52 Rating, Deduct	-201.12	
		For Class 54 Rating, Add	137.13	
		For Class 55 Rating, Add	304.79	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,575.50	454.27
		For Class 52 Rating, Deduct	-207.60	
		For Class 54 Rating, Add	141.54	
		For Class 55 Rating, Add	314.60	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,639.49	457.65
		For Class 52 Rating, Deduct	-214.07	
		For Class 54 Rating, Add	145.96	
		For Class 55 Rating, Add	324.41	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,703.48	461.05
		For Class 52 Rating, Deduct	-220.54	
		For Class 54 Rating, Add	150.37	
		For Class 55 Rating, Add	334.22	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,767.47	464.43
		For Class 52 Rating, Deduct	-227.02	
		For Class 54 Rating, Add	154.78	
		For Class 55 Rating, Add	344.03	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,831.46	467.82
		For Class 52 Rating, Deduct	-233.49	
		For Class 54 Rating, Add	159.20	
		For Class 55 Rating, Add	353.84	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,895.44	471.21
		For Class 52 Rating, Deduct	-239.96	
		For Class 54 Rating, Add	163.61	
		For Class 55 Rating, Add	363.65	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,959.43	474.60
		For Class 52 Rating, Deduct	-246.44	
		For Class 54 Rating, Add	168.02	
		For Class 55 Rating, Add	373.46	
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,023.40	478.00
		For Class 52 Rating, Deduct	-252.91	
		For Class 54 Rating, Add	172.44	
		For Class 55 Rating, Add	383.27	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,087.39	481.38
		<i>For Class 52 Rating, Deduct</i>	-259.38	
		<i>For Class 54 Rating, Add</i>	176.85	
		<i>For Class 55 Rating, Add</i>	393.08	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,150.37	484.78
		<i>For Class 52 Rating, Deduct</i>	-265.74	
		<i>For Class 54 Rating, Add</i>	181.19	
		<i>For Class 55 Rating, Add</i>	402.72	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,215.36	488.16
		<i>For Class 52 Rating, Deduct</i>	-272.33	
		<i>For Class 54 Rating, Add</i>	185.68	
		<i>For Class 55 Rating, Add</i>	412.70	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,279.35	491.55
		<i>For Class 52 Rating, Deduct</i>	-278.80	
		<i>For Class 54 Rating, Add</i>	190.09	
		<i>For Class 55 Rating, Add</i>	422.51	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,343.33	494.94
		<i>For Class 52 Rating, Deduct</i>	-285.28	
		<i>For Class 54 Rating, Add</i>	194.51	
		<i>For Class 55 Rating, Add</i>	432.32	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,407.32	498.33
		<i>For Class 52 Rating, Deduct</i>	-291.75	
		<i>For Class 54 Rating, Add</i>	198.92	
		<i>For Class 55 Rating, Add</i>	442.13	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,471.30	501.73
		<i>For Class 52 Rating, Deduct</i>	-298.22	
		<i>For Class 54 Rating, Add</i>	203.33	
		<i>For Class 55 Rating, Add</i>	451.94	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,535.29	505.11
		<i>For Class 52 Rating, Deduct</i>	-304.70	
		<i>For Class 54 Rating, Add</i>	207.75	
		<i>For Class 55 Rating, Add</i>	461.75	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,599.28	508.51
		<i>For Class 52 Rating, Deduct</i>	-311.17	
		<i>For Class 54 Rating, Add</i>	212.16	
		<i>For Class 55 Rating, Add</i>	471.56	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0002)

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,512.55	474.60
		<i>For Class 52 Rating, Deduct</i>	-87.28	
		<i>For Class 54 Rating, Add</i>	59.51	
		<i>For Class 55 Rating, Add</i>	132.27	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,591.75	478.00
		<i>For Class 52 Rating, Deduct</i>	-95.43	
		<i>For Class 54 Rating, Add</i>	65.06	
		<i>For Class 55 Rating, Add</i>	144.62	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,670.96	481.38
		<i>For Class 52 Rating, Deduct</i>	-103.57	
		<i>For Class 54 Rating, Add</i>	70.62	
		<i>For Class 55 Rating, Add</i>	156.96	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,750.16	484.78
		<i>For Class 52 Rating, Deduct</i>	-111.72	
		<i>For Class 54 Rating, Add</i>	76.17	
		<i>For Class 55 Rating, Add</i>	169.31	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,829.36	488.16
		<i>For Class 52 Rating, Deduct</i>	-119.87	
		<i>For Class 54 Rating, Add</i>	81.73	
		<i>For Class 55 Rating, Add</i>	181.66	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,908.57	491.55
		<i>For Class 52 Rating, Deduct</i>	-128.02	
		<i>For Class 54 Rating, Add</i>	87.28	
		<i>For Class 55 Rating, Add</i>	194.00	
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,987.77	494.94
		<i>For Class 52 Rating, Deduct</i>	-136.16	
		<i>For Class 54 Rating, Add</i>	92.84	
		<i>For Class 55 Rating, Add</i>	206.35	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,066.98	498.33
		<i>For Class 52 Rating, Deduct</i>	-144.31	
		<i>For Class 54 Rating, Add</i>	98.39	
		<i>For Class 55 Rating, Add</i>	218.70	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,146.18	501.73
		<i>For Class 52 Rating, Deduct</i>	-152.46	
		<i>For Class 54 Rating, Add</i>	103.95	
		<i>For Class 55 Rating, Add</i>	231.05	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,225.39	505.11
		<i>For Class 52 Rating, Deduct</i>	-160.61	
		<i>For Class 54 Rating, Add</i>	109.51	
		<i>For Class 55 Rating, Add</i>	243.39	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,304.60	508.51
		<i>For Class 52 Rating, Deduct</i>	-168.76	
		<i>For Class 54 Rating, Add</i>	115.06	
		<i>For Class 55 Rating, Add</i>	255.74	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,383.80	511.89
		<i>For Class 52 Rating, Deduct</i>	-176.90	
		<i>For Class 54 Rating, Add</i>	120.62	
		<i>For Class 55 Rating, Add</i>	268.09	

MINOR		UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UNIT COST			UNIT COST	
40 05 19 00-0176	EA		12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,463.01	515.29
			For Class 52 Rating, Deduct	-185.05	
			For Class 54 Rating, Add	126.17	
			For Class 55 Rating, Add	280.43	
40 05 19 00-0177	EA		12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,542.21	518.67
			For Class 52 Rating, Deduct	-193.20	
			For Class 54 Rating, Add	131.73	
			For Class 55 Rating, Add	292.78	
40 05 19 00-0178	EA		12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,621.42	522.06
			For Class 52 Rating, Deduct	-201.35	
			For Class 54 Rating, Add	137.28	
			For Class 55 Rating, Add	305.13	
40 05 19 00-0179	EA		12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,700.62	525.46
			For Class 52 Rating, Deduct	-209.49	
			For Class 54 Rating, Add	142.84	
			For Class 55 Rating, Add	317.48	
40 05 19 00-0180	EA		12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,779.83	528.84
			For Class 52 Rating, Deduct	-217.64	
			For Class 54 Rating, Add	148.39	
			For Class 55 Rating, Add	329.82	
40 05 19 00-0181	EA		12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,859.03	532.24
			For Class 52 Rating, Deduct	-225.79	
			For Class 54 Rating, Add	153.95	
			For Class 55 Rating, Add	342.17	
40 05 19 00-0182	EA		12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,938.24	535.62
			For Class 52 Rating, Deduct	-233.94	
			For Class 54 Rating, Add	159.50	
			For Class 55 Rating, Add	354.52	
40 05 19 00-0183	EA		12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,017.44	539.02
			For Class 52 Rating, Deduct	-242.08	
			For Class 54 Rating, Add	165.06	
			For Class 55 Rating, Add	366.87	
40 05 19 00-0184	EA		12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,096.64	542.40
			For Class 52 Rating, Deduct	-250.23	
			For Class 54 Rating, Add	170.61	
			For Class 55 Rating, Add	379.21	
40 05 19 00-0185	EA		12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,175.85	545.79
			For Class 52 Rating, Deduct	-258.38	
			For Class 54 Rating, Add	176.17	
			For Class 55 Rating, Add	391.56	
40 05 19 00-0186	EA		12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,255.05	549.19
			For Class 52 Rating, Deduct	-266.53	
			For Class 54 Rating, Add	181.72	
			For Class 55 Rating, Add	403.91	
40 05 19 00-0187	EA		12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,334.27	552.57
			For Class 52 Rating, Deduct	-274.67	
			For Class 54 Rating, Add	187.28	
			For Class 55 Rating, Add	416.25	
40 05 19 00-0188	EA		12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,413.47	555.97
			For Class 52 Rating, Deduct	-282.82	
			For Class 54 Rating, Add	192.83	
			For Class 55 Rating, Add	428.60	
40 05 19 00-0189	EA		12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,492.68	559.35
			For Class 52 Rating, Deduct	-290.97	
			For Class 54 Rating, Add	198.39	
			For Class 55 Rating, Add	440.95	
40 05 19 00-0190	EA		12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,571.88	562.75
			For Class 52 Rating, Deduct	-299.12	
			For Class 54 Rating, Add	203.94	
			For Class 55 Rating, Add	453.30	
40 05 19 00-0191	EA		12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,651.08	566.13
			For Class 52 Rating, Deduct	-307.26	
			For Class 54 Rating, Add	209.50	
			For Class 55 Rating, Add	465.64	
40 05 19 00-0192	EA		12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,730.29	569.52
			For Class 52 Rating, Deduct	-315.41	
			For Class 54 Rating, Add	215.05	
			For Class 55 Rating, Add	477.99	
40 05 19 00-0193	EA		12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,809.49	572.92
			For Class 52 Rating, Deduct	-323.56	
			For Class 54 Rating, Add	220.61	
			For Class 55 Rating, Add	490.34	
40 05 19 00-0194	EA		12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,888.70	576.30
			For Class 52 Rating, Deduct	-331.71	
			For Class 54 Rating, Add	226.16	
			For Class 55 Rating, Add	502.69	
40 05 19 00-0195	EA		12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,967.90	579.70
			For Class 52 Rating, Deduct	-339.85	
			For Class 54 Rating, Add	231.72	
			For Class 55 Rating, Add	515.03	
40 05 19 00-0196	EA		12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,047.11	583.08
			For Class 52 Rating, Deduct	-348.00	
			For Class 54 Rating, Add	237.27	
			For Class 55 Rating, Add	527.38	
40 05 19 00-0197	EA		12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,126.31	586.48
			For Class 52 Rating, Deduct	-356.15	
			For Class 54 Rating, Add	242.83	
			For Class 55 Rating, Add	539.73	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

40 05 19 00-0198	EA 12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,205.51	589.86
	<i>For Class 52 Rating, Deduct</i>	-364.30	
	<i>For Class 54 Rating, Add</i>	248.38	
	<i>For Class 55 Rating, Add</i>	552.07	
40 05 19 00-0199	EA 12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,284.72	593.25
	<i>For Class 52 Rating, Deduct</i>	-372.44	
	<i>For Class 54 Rating, Add</i>	253.94	
	<i>For Class 55 Rating, Add</i>	564.42	
40 05 19 00-0200	EA 12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,363.93	596.65
	<i>For Class 52 Rating, Deduct</i>	-380.59	
	<i>For Class 54 Rating, Add</i>	259.49	
	<i>For Class 55 Rating, Add</i>	576.77	
40 05 19 00-0201	EA 12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,443.14	600.03
	<i>For Class 52 Rating, Deduct</i>	-388.74	
	<i>For Class 54 Rating, Add</i>	265.05	
	<i>For Class 55 Rating, Add</i>	589.12	
40 05 19 00-0202	EA 12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,522.34	603.43
	<i>For Class 52 Rating, Deduct</i>	-396.89	
	<i>For Class 54 Rating, Add</i>	270.60	
	<i>For Class 55 Rating, Add</i>	601.46	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0002)

40 05 19 00-0204	EA 14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,973.95	569.52
	<i>For Class 52 Rating, Deduct</i>	-122.21	
	<i>For Class 54 Rating, Add</i>	83.33	
	<i>For Class 55 Rating, Add</i>	185.21	
40 05 19 00-0205	EA 14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,069.38	572.92
	<i>For Class 52 Rating, Deduct</i>	-132.15	
	<i>For Class 54 Rating, Add</i>	90.10	
	<i>For Class 55 Rating, Add</i>	200.26	
40 05 19 00-0206	EA 14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,164.83	576.30
	<i>For Class 52 Rating, Deduct</i>	-142.08	
	<i>For Class 54 Rating, Add</i>	96.87	
	<i>For Class 55 Rating, Add</i>	215.32	
40 05 19 00-0207	EA 14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,260.26	579.70
	<i>For Class 52 Rating, Deduct</i>	-152.01	
	<i>For Class 54 Rating, Add</i>	103.65	
	<i>For Class 55 Rating, Add</i>	230.37	
40 05 19 00-0208	EA 14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,355.70	583.08
	<i>For Class 52 Rating, Deduct</i>	-161.95	
	<i>For Class 54 Rating, Add</i>	110.42	
	<i>For Class 55 Rating, Add</i>	245.42	
40 05 19 00-0209	EA 14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,451.14	586.48
	<i>For Class 52 Rating, Deduct</i>	-171.88	
	<i>For Class 54 Rating, Add</i>	117.19	
	<i>For Class 55 Rating, Add</i>	260.48	
40 05 19 00-0210	EA 14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,546.58	589.86
	<i>For Class 52 Rating, Deduct</i>	-181.81	
	<i>For Class 54 Rating, Add</i>	123.96	
	<i>For Class 55 Rating, Add</i>	275.53	
40 05 19 00-0211	EA 14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,642.02	593.25
	<i>For Class 52 Rating, Deduct</i>	-191.75	
	<i>For Class 54 Rating, Add</i>	130.74	
	<i>For Class 55 Rating, Add</i>	290.58	
40 05 19 00-0212	EA 14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,737.46	596.65
	<i>For Class 52 Rating, Deduct</i>	-201.68	
	<i>For Class 54 Rating, Add</i>	137.51	
	<i>For Class 55 Rating, Add</i>	305.64	
40 05 19 00-0213	EA 14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,832.91	600.03
	<i>For Class 52 Rating, Deduct</i>	-211.61	
	<i>For Class 54 Rating, Add</i>	144.28	
	<i>For Class 55 Rating, Add</i>	320.69	
40 05 19 00-0214	EA 14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,928.34	603.43
	<i>For Class 52 Rating, Deduct</i>	-221.55	
	<i>For Class 54 Rating, Add</i>	151.05	
	<i>For Class 55 Rating, Add</i>	335.74	
40 05 19 00-0215	EA 14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,023.78	606.81
	<i>For Class 52 Rating, Deduct</i>	-231.48	
	<i>For Class 54 Rating, Add</i>	157.83	
	<i>For Class 55 Rating, Add</i>	350.80	
40 05 19 00-0216	EA 14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,119.22	610.21
	<i>For Class 52 Rating, Deduct</i>	-241.41	
	<i>For Class 54 Rating, Add</i>	164.60	
	<i>For Class 55 Rating, Add</i>	365.85	
40 05 19 00-0217	EA 14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,214.66	613.59
	<i>For Class 52 Rating, Deduct</i>	-251.35	
	<i>For Class 54 Rating, Add</i>	171.37	
	<i>For Class 55 Rating, Add</i>	380.90	
40 05 19 00-0218	EA 14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,310.09	616.98
	<i>For Class 52 Rating, Deduct</i>	-261.28	
	<i>For Class 54 Rating, Add</i>	178.15	
	<i>For Class 55 Rating, Add</i>	395.96	
40 05 19 00-0219	EA 14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,405.54	620.38
	<i>For Class 52 Rating, Deduct</i>	-271.21	
	<i>For Class 54 Rating, Add</i>	184.92	
	<i>For Class 55 Rating, Add</i>	411.01	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,500.98	623.76
		<i>For Class 52 Rating, Deduct</i>	-281.15	
		<i>For Class 54 Rating, Add</i>	191.69	
		<i>For Class 55 Rating, Add</i>	426.07	
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,596.41	627.16
		<i>For Class 52 Rating, Deduct</i>	-291.08	
		<i>For Class 54 Rating, Add</i>	198.46	
		<i>For Class 55 Rating, Add</i>	441.12	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,691.85	630.54
		<i>For Class 52 Rating, Deduct</i>	-301.01	
		<i>For Class 54 Rating, Add</i>	205.24	
		<i>For Class 55 Rating, Add</i>	456.17	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,787.29	633.94
		<i>For Class 52 Rating, Deduct</i>	-310.95	
		<i>For Class 54 Rating, Add</i>	212.01	
		<i>For Class 55 Rating, Add</i>	471.23	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,882.73	637.32
		<i>For Class 52 Rating, Deduct</i>	-320.88	
		<i>For Class 54 Rating, Add</i>	218.78	
		<i>For Class 55 Rating, Add</i>	486.28	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,978.17	640.71
		<i>For Class 52 Rating, Deduct</i>	-330.81	
		<i>For Class 54 Rating, Add</i>	225.55	
		<i>For Class 55 Rating, Add</i>	501.33	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.62	644.11
		<i>For Class 52 Rating, Deduct</i>	-340.75	
		<i>For Class 54 Rating, Add</i>	232.33	
		<i>For Class 55 Rating, Add</i>	516.39	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,169.06	647.49
		<i>For Class 52 Rating, Deduct</i>	-350.68	
		<i>For Class 54 Rating, Add</i>	239.10	
		<i>For Class 55 Rating, Add</i>	531.44	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,264.49	650.89
		<i>For Class 52 Rating, Deduct</i>	-360.61	
		<i>For Class 54 Rating, Add</i>	245.87	
		<i>For Class 55 Rating, Add</i>	546.49	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,359.93	654.27
		<i>For Class 52 Rating, Deduct</i>	-370.55	
		<i>For Class 54 Rating, Add</i>	252.65	
		<i>For Class 55 Rating, Add</i>	561.55	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,455.37	657.67
		<i>For Class 52 Rating, Deduct</i>	-380.48	
		<i>For Class 54 Rating, Add</i>	259.42	
		<i>For Class 55 Rating, Add</i>	576.60	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,550.81	661.05
		<i>For Class 52 Rating, Deduct</i>	-390.41	
		<i>For Class 54 Rating, Add</i>	266.19	
		<i>For Class 55 Rating, Add</i>	591.65	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,646.24	664.44
		<i>For Class 52 Rating, Deduct</i>	-400.35	
		<i>For Class 54 Rating, Add</i>	272.96	
		<i>For Class 55 Rating, Add</i>	606.71	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,741.69	667.84
		<i>For Class 52 Rating, Deduct</i>	-410.28	
		<i>For Class 54 Rating, Add</i>	279.74	
		<i>For Class 55 Rating, Add</i>	621.76	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,837.12	671.22
		<i>For Class 52 Rating, Deduct</i>	-420.21	
		<i>For Class 54 Rating, Add</i>	286.51	
		<i>For Class 55 Rating, Add</i>	636.81	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,932.56	674.62
		<i>For Class 52 Rating, Deduct</i>	-430.15	
		<i>For Class 54 Rating, Add</i>	293.28	
		<i>For Class 55 Rating, Add</i>	651.87	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,028.01	678.00
		<i>For Class 52 Rating, Deduct</i>	-440.08	
		<i>For Class 54 Rating, Add</i>	300.05	
		<i>For Class 55 Rating, Add</i>	666.92	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,123.45	681.40
		<i>For Class 52 Rating, Deduct</i>	-450.01	
		<i>For Class 54 Rating, Add</i>	306.83	
		<i>For Class 55 Rating, Add</i>	681.97	
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,218.89	684.78
		<i>For Class 52 Rating, Deduct</i>	-459.95	
		<i>For Class 54 Rating, Add</i>	313.60	
		<i>For Class 55 Rating, Add</i>	697.03	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,314.32	688.17
		<i>For Class 52 Rating, Deduct</i>	-469.88	
		<i>For Class 54 Rating, Add</i>	320.37	
		<i>For Class 55 Rating, Add</i>	712.08	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,409.77	691.57
		<i>For Class 52 Rating, Deduct</i>	-479.81	
		<i>For Class 54 Rating, Add</i>	327.15	
		<i>For Class 55 Rating, Add</i>	727.14	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,505.20	694.95
		<i>For Class 52 Rating, Deduct</i>	-489.75	
		<i>For Class 54 Rating, Add</i>	333.92	
		<i>For Class 55 Rating, Add</i>	742.19	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0002)				
40 05 19 00-0243	EA 16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,303.19		650.89
	For Class 52 Rating, Deduct	-144.87		
	For Class 54 Rating, Add	98.78		
	For Class 55 Rating, Add	219.54		
40 05 19 00-0244	EA 16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,413.86		654.27
	For Class 52 Rating, Deduct	-156.48		
	For Class 54 Rating, Add	106.69		
	For Class 55 Rating, Add	237.14		
40 05 19 00-0245	EA 16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,524.51		657.67
	For Class 52 Rating, Deduct	-168.09		
	For Class 54 Rating, Add	114.60		
	For Class 55 Rating, Add	254.73		
40 05 19 00-0246	EA 16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,635.17		661.05
	For Class 52 Rating, Deduct	-179.69		
	For Class 54 Rating, Add	122.52		
	For Class 55 Rating, Add	272.32		
40 05 19 00-0247	EA 16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,745.82		664.44
	For Class 52 Rating, Deduct	-191.30		
	For Class 54 Rating, Add	130.43		
	For Class 55 Rating, Add	289.91		
40 05 19 00-0248	EA 16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,856.49		667.84
	For Class 52 Rating, Deduct	-202.91		
	For Class 54 Rating, Add	138.35		
	For Class 55 Rating, Add	307.50		
40 05 19 00-0249	EA 16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,967.14		671.22
	For Class 52 Rating, Deduct	-214.52		
	For Class 54 Rating, Add	146.26		
	For Class 55 Rating, Add	325.09		
40 05 19 00-0250	EA 16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,077.80		674.62
	For Class 52 Rating, Deduct	-226.12		
	For Class 54 Rating, Add	154.17		
	For Class 55 Rating, Add	342.68		
40 05 19 00-0251	EA 16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,188.46		678.00
	For Class 52 Rating, Deduct	-237.73		
	For Class 54 Rating, Add	162.09		
	For Class 55 Rating, Add	360.27		
40 05 19 00-0252	EA 16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,299.13		681.40
	For Class 52 Rating, Deduct	-249.34		
	For Class 54 Rating, Add	170.00		
	For Class 55 Rating, Add	377.86		
40 05 19 00-0253	EA 16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,409.79		684.78
	For Class 52 Rating, Deduct	-260.95		
	For Class 54 Rating, Add	177.92		
	For Class 55 Rating, Add	395.45		
40 05 19 00-0254	EA 16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,520.44		688.17
	For Class 52 Rating, Deduct	-272.55		
	For Class 54 Rating, Add	185.83		
	For Class 55 Rating, Add	413.04		
40 05 19 00-0255	EA 16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,631.10		691.57
	For Class 52 Rating, Deduct	-284.16		
	For Class 54 Rating, Add	193.75		
	For Class 55 Rating, Add	430.63		
40 05 19 00-0256	EA 16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,741.76		694.95
	For Class 52 Rating, Deduct	-295.77		
	For Class 54 Rating, Add	201.66		
	For Class 55 Rating, Add	448.22		
40 05 19 00-0257	EA 16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,852.42		698.35
	For Class 52 Rating, Deduct	-307.38		
	For Class 54 Rating, Add	209.57		
	For Class 55 Rating, Add	465.81		
40 05 19 00-0258	EA 16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,963.08		701.73
	For Class 52 Rating, Deduct	-318.98		
	For Class 54 Rating, Add	217.49		
	For Class 55 Rating, Add	483.40		
40 05 19 00-0259	EA 16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.73		705.13
	For Class 52 Rating, Deduct	-330.59		
	For Class 54 Rating, Add	225.40		
	For Class 55 Rating, Add	500.99		
40 05 19 00-0260	EA 16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,184.40		708.51
	For Class 52 Rating, Deduct	-342.20		
	For Class 54 Rating, Add	233.32		
	For Class 55 Rating, Add	518.59		
40 05 19 00-0261	EA 16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,295.05		711.90
	For Class 52 Rating, Deduct	-353.81		
	For Class 54 Rating, Add	241.23		
	For Class 55 Rating, Add	536.18		
40 05 19 00-0262	EA 16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,405.71		715.30
	For Class 52 Rating, Deduct	-365.41		
	For Class 54 Rating, Add	249.14		
	For Class 55 Rating, Add	553.77		
40 05 19 00-0263	EA 16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,516.36		718.68
	For Class 52 Rating, Deduct	-377.02		
	For Class 54 Rating, Add	257.06		
	For Class 55 Rating, Add	571.36		
40 05 19 00-0264	EA 16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,627.03		722.08
	For Class 52 Rating, Deduct	-388.63		
	For Class 54 Rating, Add	264.97		
	For Class 55 Rating, Add	588.95		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0265 EA 16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,737.69	725.46
For Class 52 Rating, Deduct	-400.24	
For Class 54 Rating, Add	272.89	
For Class 55 Rating, Add	606.54	
40 05 19 00-0266 EA 16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,848.35	728.86
For Class 52 Rating, Deduct	-411.84	
For Class 54 Rating, Add	280.80	
For Class 55 Rating, Add	624.13	
40 05 19 00-0267 EA 16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,959.01	732.24
For Class 52 Rating, Deduct	-423.45	
For Class 54 Rating, Add	288.72	
For Class 55 Rating, Add	641.72	
40 05 19 00-0268 EA 16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,069.67	735.64
For Class 52 Rating, Deduct	-435.06	
For Class 54 Rating, Add	296.63	
For Class 55 Rating, Add	659.31	
40 05 19 00-0269 EA 16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,180.33	739.03
For Class 52 Rating, Deduct	-446.66	
For Class 54 Rating, Add	304.54	
For Class 55 Rating, Add	676.90	
40 05 19 00-0270 EA 16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,290.98	742.41
For Class 52 Rating, Deduct	-458.27	
For Class 54 Rating, Add	312.46	
For Class 55 Rating, Add	694.49	
40 05 19 00-0271 EA 16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,401.64	745.81
For Class 52 Rating, Deduct	-469.88	
For Class 54 Rating, Add	320.37	
For Class 55 Rating, Add	712.08	
40 05 19 00-0272 EA 16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,512.30	749.19
For Class 52 Rating, Deduct	-481.49	
For Class 54 Rating, Add	328.29	
For Class 55 Rating, Add	729.67	
40 05 19 00-0273 EA 16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,622.96	752.59
For Class 52 Rating, Deduct	-493.09	
For Class 54 Rating, Add	336.20	
For Class 55 Rating, Add	747.26	
40 05 19 00-0274 EA 16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,733.62	755.97
For Class 52 Rating, Deduct	-504.70	
For Class 54 Rating, Add	344.12	
For Class 55 Rating, Add	764.85	
40 05 19 00-0275 EA 16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,844.27	759.37
For Class 52 Rating, Deduct	-516.31	
For Class 54 Rating, Add	352.03	
For Class 55 Rating, Add	782.44	
40 05 19 00-0276 EA 16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,954.94	762.76
For Class 52 Rating, Deduct	-527.92	
For Class 54 Rating, Add	359.94	
For Class 55 Rating, Add	800.03	
40 05 19 00-0277 EA 16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,065.59	766.14
For Class 52 Rating, Deduct	-539.52	
For Class 54 Rating, Add	367.86	
For Class 55 Rating, Add	817.63	
40 05 19 00-0278 EA 16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,176.26	769.54
For Class 52 Rating, Deduct	-551.13	
For Class 54 Rating, Add	375.77	
For Class 55 Rating, Add	835.22	
40 05 19 00-0279 EA 16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,286.91	772.92
For Class 52 Rating, Deduct	-562.74	
For Class 54 Rating, Add	383.69	
For Class 55 Rating, Add	852.81	
40 05 19 00-0280 EA 16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,397.58	776.32
For Class 52 Rating, Deduct	-574.35	
For Class 54 Rating, Add	391.60	
For Class 55 Rating, Add	870.40	
40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0282 EA 18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,663.92	733.60
For Class 52 Rating, Deduct	-170.76	
For Class 54 Rating, Add	116.43	
For Class 55 Rating, Add	258.79	
40 05 19 00-0283 EA 18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,790.81	736.99
For Class 52 Rating, Deduct	-184.16	
For Class 54 Rating, Add	125.56	
For Class 55 Rating, Add	279.08	
40 05 19 00-0284 EA 18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,917.70	740.38
For Class 52 Rating, Deduct	-197.55	
For Class 54 Rating, Add	134.69	
For Class 55 Rating, Add	299.38	
40 05 19 00-0285 EA 18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.60	743.77
For Class 52 Rating, Deduct	-210.94	
For Class 54 Rating, Add	143.83	
For Class 55 Rating, Add	319.68	
40 05 19 00-0286 EA 18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,171.49	747.16
For Class 52 Rating, Deduct	-224.34	
For Class 54 Rating, Add	152.96	
For Class 55 Rating, Add	339.97	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0287	EA 18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,298.38 -237.73 162.09 360.27	750.56
40 05 19 00-0288	EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,425.27 -251.12 171.22 380.57	753.94
40 05 19 00-0289	EA 18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,552.17 -264.52 180.35 400.86	757.33
40 05 19 00-0290	EA 18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,679.06 -277.91 189.48 421.16	760.72
40 05 19 00-0291	EA 18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,805.96 -291.30 198.62 441.46	764.11
40 05 19 00-0292	EA 18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,932.85 -304.70 207.75 461.75	767.50
40 05 19 00-0293	EA 18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,059.74 -318.09 216.88 482.05	770.89
40 05 19 00-0294	EA 18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,186.64 -331.48 226.01 502.35	774.29
40 05 19 00-0295	EA 18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,313.53 -344.88 235.14 522.64	777.67
40 05 19 00-0296	EA 18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,440.42 -358.27 244.27 542.94	781.06
40 05 19 00-0297	EA 18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,567.31 -371.66 253.41 563.24	784.45
40 05 19 00-0298	EA 18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,694.21 -385.06 262.54 583.54	787.84
40 05 19 00-0299	EA 18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,821.09 -398.45 271.67 603.83	791.23
40 05 19 00-0300	EA 18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,947.99 -411.84 280.80 624.13	794.62
40 05 19 00-0301	EA 18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,074.89 -425.24 289.93 644.43	798.02
40 05 19 00-0302	EA 18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,201.78 -438.63 299.07 664.72	801.40
40 05 19 00-0303	EA 18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,328.68 -452.02 308.20 685.02	804.80
40 05 19 00-0304	EA 18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,455.57 -465.42 317.33 705.32	808.18
40 05 19 00-0305	EA 18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,582.47 -478.81 326.46 725.61	811.57
40 05 19 00-0306	EA 18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,709.35 -492.20 335.59 745.91	814.96
40 05 19 00-0307	EA 18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,836.25 -505.60 344.72 766.21	818.35
40 05 19 00-0308	EA 18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	5,963.14 -518.99 353.86 786.50	821.75

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	40 05 19 00-0309	EA 18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,090.03 -532.38 362.99 806.80	825.13
	40 05 19 00-0310	EA 18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,216.93 -545.77 372.12 827.10	828.53
	40 05 19 00-0311	EA 18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,343.82 -559.17 381.25 847.39	831.91
	40 05 19 00-0312	EA 18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,470.71 -572.56 390.38 867.69	835.30
	40 05 19 00-0313	EA 18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,597.60 -585.95 399.51 887.99	838.69
	40 05 19 00-0314	EA 18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,724.50 -599.35 408.65 908.28	842.08
	40 05 19 00-0315	EA 18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,851.38 -612.74 417.78 928.58	845.48
	40 05 19 00-0316	EA 18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	6,978.29 -626.13 426.91 948.88	848.86
	40 05 19 00-0317	EA 18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	7,105.19 -639.53 436.04 969.18	852.26
	40 05 19 00-0318	EA 18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	7,232.07 -652.92 445.17 989.47	855.64
	40 05 19 00-0319	EA 18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	7,358.97 -666.31 454.31 1,009.77	859.03
	40 05 19 00-0320	20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
	40 05 19 00-0321	EA 20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,104.17 -201.90 137.66 305.97	837.33
	40 05 19 00-0322	EA 20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,249.33 -217.31 148.16 329.32	840.73
	40 05 19 00-0323	EA 20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,394.48 -232.71 158.66 352.66	844.11
	40 05 19 00-0324	EA 20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,539.64 -248.11 169.17 376.00	847.51
	40 05 19 00-0325	EA 20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,684.79 -263.51 179.67 399.34	850.89
	40 05 19 00-0326	EA 20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,829.96 -278.91 190.17 422.68	854.29
	40 05 19 00-0327	EA 20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	3,975.12 -294.32 200.67 446.02	857.68
	40 05 19 00-0328	EA 20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,120.28 -309.72 211.17 469.37	861.06
	40 05 19 00-0329	EA 20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,265.44 -325.12 221.67 492.71	864.46
	40 05 19 00-0330	EA 20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	4,410.59 -340.52 232.18 516.05	867.84

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,555.75	871.24
		<i>For Class 52 Rating, Deduct</i>	-355.93	
		<i>For Class 54 Rating, Add</i>	242.68	
		<i>For Class 55 Rating, Add</i>	539.39	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,700.90	874.62
		<i>For Class 52 Rating, Deduct</i>	-371.33	
		<i>For Class 54 Rating, Add</i>	253.18	
		<i>For Class 55 Rating, Add</i>	562.73	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,846.06	878.02
		<i>For Class 52 Rating, Deduct</i>	-386.73	
		<i>For Class 54 Rating, Add</i>	263.68	
		<i>For Class 55 Rating, Add</i>	586.07	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,991.21	881.41
		<i>For Class 52 Rating, Deduct</i>	-402.13	
		<i>For Class 54 Rating, Add</i>	274.18	
		<i>For Class 55 Rating, Add</i>	609.41	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,136.37	884.79
		<i>For Class 52 Rating, Deduct</i>	-417.53	
		<i>For Class 54 Rating, Add</i>	284.68	
		<i>For Class 55 Rating, Add</i>	632.75	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.53	888.19
		<i>For Class 52 Rating, Deduct</i>	-432.94	
		<i>For Class 54 Rating, Add</i>	295.18	
		<i>For Class 55 Rating, Add</i>	656.10	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,426.68	891.57
		<i>For Class 52 Rating, Deduct</i>	-448.34	
		<i>For Class 54 Rating, Add</i>	305.69	
		<i>For Class 55 Rating, Add</i>	679.44	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,571.84	894.97
		<i>For Class 52 Rating, Deduct</i>	-463.74	
		<i>For Class 54 Rating, Add</i>	316.19	
		<i>For Class 55 Rating, Add</i>	702.78	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,716.99	898.35
		<i>For Class 52 Rating, Deduct</i>	-479.14	
		<i>For Class 54 Rating, Add</i>	326.69	
		<i>For Class 55 Rating, Add</i>	726.12	
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,862.16	901.75
		<i>For Class 52 Rating, Deduct</i>	-494.55	
		<i>For Class 54 Rating, Add</i>	337.19	
		<i>For Class 55 Rating, Add</i>	749.46	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,007.31	905.14
		<i>For Class 52 Rating, Deduct</i>	-509.95	
		<i>For Class 54 Rating, Add</i>	347.69	
		<i>For Class 55 Rating, Add</i>	772.80	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,152.47	908.52
		<i>For Class 52 Rating, Deduct</i>	-525.35	
		<i>For Class 54 Rating, Add</i>	358.19	
		<i>For Class 55 Rating, Add</i>	796.14	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,297.62	911.92
		<i>For Class 52 Rating, Deduct</i>	-540.75	
		<i>For Class 54 Rating, Add</i>	368.69	
		<i>For Class 55 Rating, Add</i>	819.49	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,442.78	915.30
		<i>For Class 52 Rating, Deduct</i>	-556.15	
		<i>For Class 54 Rating, Add</i>	379.20	
		<i>For Class 55 Rating, Add</i>	842.83	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,587.94	918.70
		<i>For Class 52 Rating, Deduct</i>	-571.56	
		<i>For Class 54 Rating, Add</i>	389.70	
		<i>For Class 55 Rating, Add</i>	866.17	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,733.09	922.08
		<i>For Class 52 Rating, Deduct</i>	-586.96	
		<i>For Class 54 Rating, Add</i>	400.20	
		<i>For Class 55 Rating, Add</i>	889.51	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,878.25	925.48
		<i>For Class 52 Rating, Deduct</i>	-602.36	
		<i>For Class 54 Rating, Add</i>	410.70	
		<i>For Class 55 Rating, Add</i>	912.85	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,023.40	928.87
		<i>For Class 52 Rating, Deduct</i>	-617.76	
		<i>For Class 54 Rating, Add</i>	421.20	
		<i>For Class 55 Rating, Add</i>	936.19	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,168.56	932.25
		<i>For Class 52 Rating, Deduct</i>	-633.17	
		<i>For Class 54 Rating, Add</i>	431.70	
		<i>For Class 55 Rating, Add</i>	959.53	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,313.71	935.65
		<i>For Class 52 Rating, Deduct</i>	-648.57	
		<i>For Class 54 Rating, Add</i>	442.21	
		<i>For Class 55 Rating, Add</i>	982.87	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,458.87	939.03
		<i>For Class 52 Rating, Deduct</i>	-663.97	
		<i>For Class 54 Rating, Add</i>	452.71	
		<i>For Class 55 Rating, Add</i>	1,006.22	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,604.03	942.43
		<i>For Class 52 Rating, Deduct</i>	-679.37	
		<i>For Class 54 Rating, Add</i>	463.21	
		<i>For Class 55 Rating, Add</i>	1,029.56	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,749.19	945.81
		<i>For Class 52 Rating, Deduct</i>	-694.77	
		<i>For Class 54 Rating, Add</i>	473.71	
		<i>For Class 55 Rating, Add</i>	1,052.90	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,894.35	949.21
		<i>For Class 52 Rating, Deduct</i>	-710.18	
		<i>For Class 54 Rating, Add</i>	484.21	
		<i>For Class 55 Rating, Add</i>	1,076.24	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,039.50	952.60
		<i>For Class 52 Rating, Deduct</i>	-725.58	
		<i>For Class 54 Rating, Add</i>	494.71	
		<i>For Class 55 Rating, Add</i>	1,099.58	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,184.67	955.99
		<i>For Class 52 Rating, Deduct</i>	-740.98	
		<i>For Class 54 Rating, Add</i>	505.22	
		<i>For Class 55 Rating, Add</i>	1,122.92	
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,329.82	959.38
		<i>For Class 52 Rating, Deduct</i>	-756.38	
		<i>For Class 54 Rating, Add</i>	515.72	
		<i>For Class 55 Rating, Add</i>	1,146.27	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,474.98	962.76
		<i>For Class 52 Rating, Deduct</i>	-771.79	
		<i>For Class 54 Rating, Add</i>	526.22	
		<i>For Class 55 Rating, Add</i>	1,169.61	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.89	989.89
		<i>For Class 52 Rating, Deduct</i>	-252.02	
		<i>For Class 54 Rating, Add</i>	171.83	
		<i>For Class 55 Rating, Add</i>	381.92	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,969.53	993.27
		<i>For Class 52 Rating, Deduct</i>	-271.10	
		<i>For Class 54 Rating, Add</i>	184.84	
		<i>For Class 55 Rating, Add</i>	410.84	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,148.17	996.67
		<i>For Class 52 Rating, Deduct</i>	-290.19	
		<i>For Class 54 Rating, Add</i>	197.85	
		<i>For Class 55 Rating, Add</i>	439.76	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,326.81	1,000.06
		<i>For Class 52 Rating, Deduct</i>	-309.27	
		<i>For Class 54 Rating, Add</i>	210.87	
		<i>For Class 55 Rating, Add</i>	468.69	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,505.45	1,003.45
		<i>For Class 52 Rating, Deduct</i>	-328.36	
		<i>For Class 54 Rating, Add</i>	223.88	
		<i>For Class 55 Rating, Add</i>	497.61	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,684.08	1,006.84
		<i>For Class 52 Rating, Deduct</i>	-347.44	
		<i>For Class 54 Rating, Add</i>	236.89	
		<i>For Class 55 Rating, Add</i>	526.53	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,862.73	1,010.22
		<i>For Class 52 Rating, Deduct</i>	-366.53	
		<i>For Class 54 Rating, Add</i>	249.91	
		<i>For Class 55 Rating, Add</i>	555.46	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,041.36	1,013.62
		<i>For Class 52 Rating, Deduct</i>	-385.61	
		<i>For Class 54 Rating, Add</i>	262.92	
		<i>For Class 55 Rating, Add</i>	584.38	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,220.00	1,017.00
		<i>For Class 52 Rating, Deduct</i>	-404.70	
		<i>For Class 54 Rating, Add</i>	275.93	
		<i>For Class 55 Rating, Add</i>	613.30	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,398.64	1,020.40
		<i>For Class 52 Rating, Deduct</i>	-423.78	
		<i>For Class 54 Rating, Add</i>	288.94	
		<i>For Class 55 Rating, Add</i>	642.23	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,577.28	1,023.79
		<i>For Class 52 Rating, Deduct</i>	-442.87	
		<i>For Class 54 Rating, Add</i>	301.96	
		<i>For Class 55 Rating, Add</i>	671.15	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,755.93	1,027.18
		<i>For Class 52 Rating, Deduct</i>	-461.96	
		<i>For Class 54 Rating, Add</i>	314.97	
		<i>For Class 55 Rating, Add</i>	700.07	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,934.56	1,030.57
		<i>For Class 52 Rating, Deduct</i>	-481.04	
		<i>For Class 54 Rating, Add</i>	327.98	
		<i>For Class 55 Rating, Add</i>	729.00	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,113.21	1,033.95
		<i>For Class 52 Rating, Deduct</i>	-500.13	
		<i>For Class 54 Rating, Add</i>	341.00	
		<i>For Class 55 Rating, Add</i>	757.92	
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,291.85	1,037.35
		<i>For Class 52 Rating, Deduct</i>	-519.21	
		<i>For Class 54 Rating, Add</i>	354.01	
		<i>For Class 55 Rating, Add</i>	786.84	

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-0375	EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,470.49	1,040.73
	For Class 52 Rating, Deduct	-538.30	
	For Class 54 Rating, Add	367.02	
	For Class 55 Rating, Add	815.76	
40 05 19 00-0376	EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,649.12	1,044.13
	For Class 52 Rating, Deduct	-557.38	
	For Class 54 Rating, Add	380.03	
	For Class 55 Rating, Add	844.69	
40 05 19 00-0377	EA 24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,827.77	1,047.52
	For Class 52 Rating, Deduct	-576.47	
	For Class 54 Rating, Add	393.05	
	For Class 55 Rating, Add	873.61	
40 05 19 00-0378	EA 24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,006.41	1,050.91
	For Class 52 Rating, Deduct	-595.55	
	For Class 54 Rating, Add	406.06	
	For Class 55 Rating, Add	902.53	
40 05 19 00-0379	EA 24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,185.04	1,054.30
	For Class 52 Rating, Deduct	-614.64	
	For Class 54 Rating, Add	419.07	
	For Class 55 Rating, Add	931.46	
40 05 19 00-0380	EA 24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,363.69	1,057.68
	For Class 52 Rating, Deduct	-633.72	
	For Class 54 Rating, Add	432.08	
	For Class 55 Rating, Add	960.38	
40 05 19 00-0381	EA 24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,542.32	1,061.08
	For Class 52 Rating, Deduct	-652.81	
	For Class 54 Rating, Add	445.10	
	For Class 55 Rating, Add	989.30	
40 05 19 00-0382	EA 24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,720.96	1,064.46
	For Class 52 Rating, Deduct	-671.89	
	For Class 54 Rating, Add	458.11	
	For Class 55 Rating, Add	1,018.23	
40 05 19 00-0383	EA 24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,899.60	1,067.86
	For Class 52 Rating, Deduct	-690.98	
	For Class 54 Rating, Add	471.12	
	For Class 55 Rating, Add	1,047.15	
40 05 19 00-0384	EA 24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,078.24	1,071.25
	For Class 52 Rating, Deduct	-710.07	
	For Class 54 Rating, Add	484.14	
	For Class 55 Rating, Add	1,076.07	
40 05 19 00-0385	EA 24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,256.87	1,074.64
	For Class 52 Rating, Deduct	-729.15	
	For Class 54 Rating, Add	497.15	
	For Class 55 Rating, Add	1,104.99	
40 05 19 00-0386	EA 24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,435.53	1,078.03
	For Class 52 Rating, Deduct	-748.24	
	For Class 54 Rating, Add	510.16	
	For Class 55 Rating, Add	1,133.92	
40 05 19 00-0387	EA 24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,614.17	1,081.41
	For Class 52 Rating, Deduct	-767.32	
	For Class 54 Rating, Add	523.17	
	For Class 55 Rating, Add	1,162.84	
40 05 19 00-0388	EA 24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,792.80	1,084.81
	For Class 52 Rating, Deduct	-786.41	
	For Class 54 Rating, Add	536.19	
	For Class 55 Rating, Add	1,191.76	
40 05 19 00-0389	EA 24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,058.76	1,145.83
	For Class 52 Rating, Deduct	-805.49	
	For Class 54 Rating, Add	549.20	
	For Class 55 Rating, Add	1,220.69	
40 05 19 00-0390	EA 24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,237.40	1,149.22
	For Class 52 Rating, Deduct	-824.58	
	For Class 54 Rating, Add	562.21	
	For Class 55 Rating, Add	1,249.61	
40 05 19 00-0391	EA 24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,416.03	1,152.61
	For Class 52 Rating, Deduct	-843.66	
	For Class 54 Rating, Add	575.22	
	For Class 55 Rating, Add	1,278.53	
40 05 19 00-0392	EA 24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,594.68	1,156.00
	For Class 52 Rating, Deduct	-862.75	
	For Class 54 Rating, Add	588.24	
	For Class 55 Rating, Add	1,307.46	
40 05 19 00-0393	EA 24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,773.32	1,159.38
	For Class 52 Rating, Deduct	-881.83	
	For Class 54 Rating, Add	601.25	
	For Class 55 Rating, Add	1,336.38	
40 05 19 00-0394	EA 24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,951.95	1,162.78
	For Class 52 Rating, Deduct	-900.92	
	For Class 54 Rating, Add	614.26	
	For Class 55 Rating, Add	1,365.30	
40 05 19 00-0395	EA 24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,130.61	1,166.17
	For Class 52 Rating, Deduct	-920.00	
	For Class 54 Rating, Add	627.28	
	For Class 55 Rating, Add	1,394.23	
40 05 19 00-0396	EA 24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,309.24	1,169.56
	For Class 52 Rating, Deduct	-939.09	
	For Class 54 Rating, Add	640.29	
	For Class 55 Rating, Add	1,423.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0397	EA		24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,487.88	1,172.95
			For Class 52 Rating, Deduct	-958.17	
			For Class 54 Rating, Add	653.30	
			For Class 55 Rating, Add	1,452.07	
40 05 19 00-0398			30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0399	EA		30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,758.76	1,396.70
			For Class 52 Rating, Deduct	-400.68	
			For Class 54 Rating, Add	273.19	
			For Class 55 Rating, Add	607.21	
40 05 19 00-0400	EA		30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,014.51	1,400.08
			For Class 52 Rating, Deduct	-428.25	
			For Class 54 Rating, Add	291.99	
			For Class 55 Rating, Add	648.99	
40 05 19 00-0401	EA		30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,270.26	1,403.47
			For Class 52 Rating, Deduct	-455.82	
			For Class 54 Rating, Add	310.78	
			For Class 55 Rating, Add	690.77	
40 05 19 00-0402	EA		30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,526.02	1,406.86
			For Class 52 Rating, Deduct	-483.39	
			For Class 54 Rating, Add	329.58	
			For Class 55 Rating, Add	732.55	
40 05 19 00-0403	EA		30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,781.76	1,410.25
			For Class 52 Rating, Deduct	-510.95	
			For Class 54 Rating, Add	348.38	
			For Class 55 Rating, Add	774.32	
40 05 19 00-0404	EA		30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,037.52	1,413.64
			For Class 52 Rating, Deduct	-538.52	
			For Class 54 Rating, Add	367.17	
			For Class 55 Rating, Add	816.10	
40 05 19 00-0405	EA		30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,293.26	1,417.03
			For Class 52 Rating, Deduct	-566.09	
			For Class 54 Rating, Add	385.97	
			For Class 55 Rating, Add	857.88	
40 05 19 00-0406	EA		30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,549.02	1,420.43
			For Class 52 Rating, Deduct	-593.66	
			For Class 54 Rating, Add	404.77	
			For Class 55 Rating, Add	899.66	
40 05 19 00-0407	EA		30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,804.77	1,423.81
			For Class 52 Rating, Deduct	-621.22	
			For Class 54 Rating, Add	423.56	
			For Class 55 Rating, Add	941.44	
40 05 19 00-0408	EA		30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,060.52	1,427.20
			For Class 52 Rating, Deduct	-648.79	
			For Class 54 Rating, Add	442.36	
			For Class 55 Rating, Add	983.21	
40 05 19 00-0409	EA		30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,316.29	1,430.59
			For Class 52 Rating, Deduct	-676.36	
			For Class 54 Rating, Add	461.15	
			For Class 55 Rating, Add	1,024.99	
40 05 19 00-0410	EA		30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,572.03	1,433.98
			For Class 52 Rating, Deduct	-703.93	
			For Class 54 Rating, Add	479.95	
			For Class 55 Rating, Add	1,066.77	
40 05 19 00-0411	EA		30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,827.79	1,437.37
			For Class 52 Rating, Deduct	-731.49	
			For Class 54 Rating, Add	498.75	
			For Class 55 Rating, Add	1,108.55	
40 05 19 00-0412	EA		30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,083.54	1,440.76
			For Class 52 Rating, Deduct	-759.06	
			For Class 54 Rating, Add	517.54	
			For Class 55 Rating, Add	1,150.33	
40 05 19 00-0413	EA		30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,339.29	1,444.16
			For Class 52 Rating, Deduct	-786.63	
			For Class 54 Rating, Add	536.34	
			For Class 55 Rating, Add	1,192.10	
40 05 19 00-0414	EA		30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,595.04	1,447.54
			For Class 52 Rating, Deduct	-814.20	
			For Class 54 Rating, Add	555.14	
			For Class 55 Rating, Add	1,233.88	
40 05 19 00-0415	EA		30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,850.79	1,450.93
			For Class 52 Rating, Deduct	-841.77	
			For Class 54 Rating, Add	573.93	
			For Class 55 Rating, Add	1,275.66	
40 05 19 00-0416	EA		30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,106.55	1,454.32
			For Class 52 Rating, Deduct	-869.33	
			For Class 54 Rating, Add	592.73	
			For Class 55 Rating, Add	1,317.44	
40 05 19 00-0417	EA		30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,362.30	1,457.71
			For Class 52 Rating, Deduct	-896.90	
			For Class 54 Rating, Add	611.52	
			For Class 55 Rating, Add	1,359.21	
40 05 19 00-0418	EA		30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,618.05	1,461.10
			For Class 52 Rating, Deduct	-924.47	
			For Class 54 Rating, Add	630.32	
			For Class 55 Rating, Add	1,400.99	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0419	EA 30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,873.80	1,464.49
	For Class 52 Rating, Deduct	-952.04	
	For Class 54 Rating, Add	649.12	
	For Class 55 Rating, Add	1,442.77	
40 05 19 00-0420	EA 30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,129.56	1,467.89
	For Class 52 Rating, Deduct	-979.61	
	For Class 54 Rating, Add	667.91	
	For Class 55 Rating, Add	1,484.55	
40 05 19 00-0421	EA 30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,385.30	1,471.27
	For Class 52 Rating, Deduct	-1,007.17	
	For Class 54 Rating, Add	686.71	
	For Class 55 Rating, Add	1,526.32	
40 05 19 00-0422	EA 30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,641.07	1,474.66
	For Class 52 Rating, Deduct	-1,034.74	
	For Class 54 Rating, Add	705.50	
	For Class 55 Rating, Add	1,568.10	
40 05 19 00-0423	EA 30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,895.80	1,478.05
	For Class 52 Rating, Deduct	-1,062.20	
	For Class 54 Rating, Add	724.22	
	For Class 55 Rating, Add	1,609.71	
40 05 19 00-0424	EA 30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,152.57	1,481.44
	For Class 52 Rating, Deduct	-1,089.88	
	For Class 54 Rating, Add	743.10	
	For Class 55 Rating, Add	1,651.66	
40 05 19 00-0425	EA 30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,408.33	1,484.83
	For Class 52 Rating, Deduct	-1,117.44	
	For Class 54 Rating, Add	761.89	
	For Class 55 Rating, Add	1,693.44	
40 05 19 00-0426	EA 30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,664.07	1,488.22
	For Class 52 Rating, Deduct	-1,145.01	
	For Class 54 Rating, Add	780.69	
	For Class 55 Rating, Add	1,735.21	
40 05 19 00-0427	EA 30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,919.83	1,491.62
	For Class 52 Rating, Deduct	-1,172.58	
	For Class 54 Rating, Add	799.49	
	For Class 55 Rating, Add	1,776.99	
40 05 19 00-0428	EA 30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,175.57	1,495.00
	For Class 52 Rating, Deduct	-1,200.15	
	For Class 54 Rating, Add	818.28	
	For Class 55 Rating, Add	1,818.77	
40 05 19 00-0429	EA 30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,431.33	1,498.39
	For Class 52 Rating, Deduct	-1,227.71	
	For Class 54 Rating, Add	837.08	
	For Class 55 Rating, Add	1,860.55	
40 05 19 00-0430	EA 30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,687.08	1,501.78
	For Class 52 Rating, Deduct	-1,255.28	
	For Class 54 Rating, Add	855.87	
	For Class 55 Rating, Add	1,902.32	
40 05 19 00-0431	EA 30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,942.83	1,505.17
	For Class 52 Rating, Deduct	-1,282.85	
	For Class 54 Rating, Add	874.67	
	For Class 55 Rating, Add	1,944.10	
40 05 19 00-0432	EA 30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,198.59	1,508.56
	For Class 52 Rating, Deduct	-1,310.42	
	For Class 54 Rating, Add	893.47	
	For Class 55 Rating, Add	1,985.88	
40 05 19 00-0433	EA 30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,454.33	1,511.95
	For Class 52 Rating, Deduct	-1,337.99	
	For Class 54 Rating, Add	912.26	
	For Class 55 Rating, Add	2,027.66	
40 05 19 00-0434	EA 30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,710.09	1,515.35
	For Class 52 Rating, Deduct	-1,365.55	
	For Class 54 Rating, Add	931.06	
	For Class 55 Rating, Add	2,069.43	
40 05 19 00-0435	EA 30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,965.85	1,518.73
	For Class 52 Rating, Deduct	-1,393.12	
	For Class 54 Rating, Add	949.86	
	For Class 55 Rating, Add	2,111.21	
40 05 19 00-0436	EA 30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,221.60	1,522.12
	For Class 52 Rating, Deduct	-1,420.69	
	For Class 54 Rating, Add	968.65	
	For Class 55 Rating, Add	2,152.99	
40 05 19 00-0437	36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0438	EA 36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,893.41	1,769.59
	For Class 52 Rating, Deduct	-573.34	
	For Class 54 Rating, Add	390.92	
	For Class 55 Rating, Add	868.88	
40 05 19 00-0439	EA 36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,239.45	1,772.98
	For Class 52 Rating, Deduct	-610.84	
	For Class 54 Rating, Add	416.48	
	For Class 55 Rating, Add	925.71	
40 05 19 00-0440	EA 36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,585.51	1,776.38
	For Class 52 Rating, Deduct	-648.34	
	For Class 54 Rating, Add	442.05	
	For Class 55 Rating, Add	982.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0441	EA		36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	8,931.58	1,779.76
			<i>For Class 52 Rating, Deduct</i>	-685.85	
			<i>For Class 54 Rating, Add</i>	467.62	
			<i>For Class 55 Rating, Add</i>	1,039.37	
40 05 19 00-0442	EA		36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	9,277.63	1,783.16
			<i>For Class 52 Rating, Deduct</i>	-723.35	
			<i>For Class 54 Rating, Add</i>	493.19	
			<i>For Class 55 Rating, Add</i>	1,096.20	
40 05 19 00-0443	EA		36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	9,623.69	1,786.54
			<i>For Class 52 Rating, Deduct</i>	-760.85	
			<i>For Class 54 Rating, Add</i>	518.76	
			<i>For Class 55 Rating, Add</i>	1,153.03	
40 05 19 00-0444	EA		36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	9,969.74	1,789.94
			<i>For Class 52 Rating, Deduct</i>	-798.35	
			<i>For Class 54 Rating, Add</i>	544.33	
			<i>For Class 55 Rating, Add</i>	1,209.86	
40 05 19 00-0445	EA		36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	10,315.80	1,793.32
			<i>For Class 52 Rating, Deduct</i>	-835.85	
			<i>For Class 54 Rating, Add</i>	569.90	
			<i>For Class 55 Rating, Add</i>	1,266.69	
40 05 19 00-0446	EA		36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	10,661.85	1,796.71
			<i>For Class 52 Rating, Deduct</i>	-873.35	
			<i>For Class 54 Rating, Add</i>	595.47	
			<i>For Class 55 Rating, Add</i>	1,323.52	
40 05 19 00-0447	EA		36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	11,007.91	1,800.11
			<i>For Class 52 Rating, Deduct</i>	-910.85	
			<i>For Class 54 Rating, Add</i>	621.04	
			<i>For Class 55 Rating, Add</i>	1,380.36	
40 05 19 00-0448	EA		36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	11,353.97	1,803.49
			<i>For Class 52 Rating, Deduct</i>	-948.35	
			<i>For Class 54 Rating, Add</i>	646.61	
			<i>For Class 55 Rating, Add</i>	1,437.19	
40 05 19 00-0449	EA		36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	11,700.02	1,806.89
			<i>For Class 52 Rating, Deduct</i>	-985.86	
			<i>For Class 54 Rating, Add</i>	672.17	
			<i>For Class 55 Rating, Add</i>	1,494.02	
40 05 19 00-0450	EA		36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	12,046.07	1,810.27
			<i>For Class 52 Rating, Deduct</i>	-1,023.36	
			<i>For Class 54 Rating, Add</i>	697.74	
			<i>For Class 55 Rating, Add</i>	1,550.85	
40 05 19 00-0451	EA		36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	12,392.12	1,813.67
			<i>For Class 52 Rating, Deduct</i>	-1,060.86	
			<i>For Class 54 Rating, Add</i>	723.31	
			<i>For Class 55 Rating, Add</i>	1,607.68	
40 05 19 00-0452	EA		36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	12,738.18	1,817.05
			<i>For Class 52 Rating, Deduct</i>	-1,098.36	
			<i>For Class 54 Rating, Add</i>	748.88	
			<i>For Class 55 Rating, Add</i>	1,664.51	
40 05 19 00-0453	EA		36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	13,084.23	1,820.44
			<i>For Class 52 Rating, Deduct</i>	-1,135.86	
			<i>For Class 54 Rating, Add</i>	774.45	
			<i>For Class 55 Rating, Add</i>	1,721.34	
40 05 19 00-0454	EA		36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	13,430.30	1,823.84
			<i>For Class 52 Rating, Deduct</i>	-1,173.36	
			<i>For Class 54 Rating, Add</i>	800.02	
			<i>For Class 55 Rating, Add</i>	1,778.17	
40 05 19 00-0455	EA		36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	13,776.35	1,827.22
			<i>For Class 52 Rating, Deduct</i>	-1,210.86	
			<i>For Class 54 Rating, Add</i>	825.59	
			<i>For Class 55 Rating, Add</i>	1,835.01	
40 05 19 00-0456	EA		36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	14,122.41	1,830.62
			<i>For Class 52 Rating, Deduct</i>	-1,248.36	
			<i>For Class 54 Rating, Add</i>	851.16	
			<i>For Class 55 Rating, Add</i>	1,891.84	
40 05 19 00-0457	EA		36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	14,468.47	1,834.00
			<i>For Class 52 Rating, Deduct</i>	-1,285.86	
			<i>For Class 54 Rating, Add</i>	876.73	
			<i>For Class 55 Rating, Add</i>	1,948.67	
40 05 19 00-0458	EA		36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	14,814.52	1,837.40
			<i>For Class 52 Rating, Deduct</i>	-1,323.36	
			<i>For Class 54 Rating, Add</i>	902.29	
			<i>For Class 55 Rating, Add</i>	2,005.50	
40 05 19 00-0459	EA		36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	15,160.58	1,840.78
			<i>For Class 52 Rating, Deduct</i>	-1,360.87	
			<i>For Class 54 Rating, Add</i>	927.86	
			<i>For Class 55 Rating, Add</i>	2,062.33	
40 05 19 00-0460	EA		36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	15,506.62	1,844.17
			<i>For Class 52 Rating, Deduct</i>	-1,398.37	
			<i>For Class 54 Rating, Add</i>	953.43	
			<i>For Class 55 Rating, Add</i>	2,119.16	
40 05 19 00-0461	EA		36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	15,852.68	1,847.57
			<i>For Class 52 Rating, Deduct</i>	-1,435.87	
			<i>For Class 54 Rating, Add</i>	979.00	
			<i>For Class 55 Rating, Add</i>	2,175.99	
40 05 19 00-0462	EA		36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	16,198.73	1,850.95
			<i>For Class 52 Rating, Deduct</i>	-1,473.37	
			<i>For Class 54 Rating, Add</i>	1,004.57	
			<i>For Class 55 Rating, Add</i>	2,232.82	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0463	EA		36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,544.79	1,854.35
			<i>For Class 52 Rating, Deduct</i>	-1,510.87	
			<i>For Class 54 Rating, Add</i>	1,030.14	
			<i>For Class 55 Rating, Add</i>	2,289.65	
40 05 19 00-0464	EA		36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,890.85	1,857.73
			<i>For Class 52 Rating, Deduct</i>	-1,548.37	
			<i>For Class 54 Rating, Add</i>	1,055.71	
			<i>For Class 55 Rating, Add</i>	2,346.49	
40 05 19 00-0465	EA		36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,236.90	1,861.13
			<i>For Class 52 Rating, Deduct</i>	-1,585.87	
			<i>For Class 54 Rating, Add</i>	1,081.28	
			<i>For Class 55 Rating, Add</i>	2,403.32	
40 05 19 00-0466	EA		36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,582.96	1,864.51
			<i>For Class 52 Rating, Deduct</i>	-1,623.37	
			<i>For Class 54 Rating, Add</i>	1,106.85	
			<i>For Class 55 Rating, Add</i>	2,460.15	
40 05 19 00-0467	EA		36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,929.02	1,867.90
			<i>For Class 52 Rating, Deduct</i>	-1,660.87	
			<i>For Class 54 Rating, Add</i>	1,132.41	
			<i>For Class 55 Rating, Add</i>	2,516.98	
40 05 19 00-0468	EA		36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,275.08	1,871.30
			<i>For Class 52 Rating, Deduct</i>	-1,698.38	
			<i>For Class 54 Rating, Add</i>	1,157.98	
			<i>For Class 55 Rating, Add</i>	2,573.81	
40 05 19 00-0469	EA		36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,621.13	1,874.68
			<i>For Class 52 Rating, Deduct</i>	-1,735.88	
			<i>For Class 54 Rating, Add</i>	1,183.55	
			<i>For Class 55 Rating, Add</i>	2,630.64	
40 05 19 00-0470	EA		36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,967.19	1,878.08
			<i>For Class 52 Rating, Deduct</i>	-1,773.38	
			<i>For Class 54 Rating, Add</i>	1,209.12	
			<i>For Class 55 Rating, Add</i>	2,687.47	
40 05 19 00-0471	EA		36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,313.23	1,881.46
			<i>For Class 52 Rating, Deduct</i>	-1,810.88	
			<i>For Class 54 Rating, Add</i>	1,234.69	
			<i>For Class 55 Rating, Add</i>	2,744.30	
40 05 19 00-0472	EA		36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,659.29	1,884.86
			<i>For Class 52 Rating, Deduct</i>	-1,848.38	
			<i>For Class 54 Rating, Add</i>	1,260.26	
			<i>For Class 55 Rating, Add</i>	2,801.14	
40 05 19 00-0473	EA		36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,005.35	1,888.24
			<i>For Class 52 Rating, Deduct</i>	-1,885.88	
			<i>For Class 54 Rating, Add</i>	1,285.83	
			<i>For Class 55 Rating, Add</i>	2,857.97	
40 05 19 00-0474	EA		36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,351.40	1,891.63
			<i>For Class 52 Rating, Deduct</i>	-1,923.38	
			<i>For Class 54 Rating, Add</i>	1,311.40	
			<i>For Class 55 Rating, Add</i>	2,914.80	
40 05 19 00-0475	EA		36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,697.46	1,895.03
			<i>For Class 52 Rating, Deduct</i>	-1,960.88	
			<i>For Class 54 Rating, Add</i>	1,336.97	
			<i>For Class 55 Rating, Add</i>	2,971.63	
40 05 19 00-0476			42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat,		
			Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0477	EA		42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,333.08	2,230.64
			<i>For Class 52 Rating, Deduct</i>	-764.87	
			<i>For Class 54 Rating, Add</i>	521.50	
			<i>For Class 55 Rating, Add</i>	1,159.12	
40 05 19 00-0478	EA		42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,847.57	2,234.03
			<i>For Class 52 Rating, Deduct</i>	-820.89	
			<i>For Class 54 Rating, Add</i>	559.70	
			<i>For Class 55 Rating, Add</i>	1,244.03	
40 05 19 00-0479	EA		42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,355.97	2,237.41
			<i>For Class 52 Rating, Deduct</i>	-876.25	
			<i>For Class 54 Rating, Add</i>	597.45	
			<i>For Class 55 Rating, Add</i>	1,327.92	
40 05 19 00-0480	EA		42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,869.43	2,240.81
			<i>For Class 52 Rating, Deduct</i>	-932.17	
			<i>For Class 54 Rating, Add</i>	635.57	
			<i>For Class 55 Rating, Add</i>	1,412.66	
40 05 19 00-0481	EA		42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,377.83	2,244.19
			<i>For Class 52 Rating, Deduct</i>	-987.53	
			<i>For Class 54 Rating, Add</i>	673.31	
			<i>For Class 55 Rating, Add</i>	1,496.55	
40 05 19 00-0482	EA		42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,892.31	2,247.59
			<i>For Class 52 Rating, Deduct</i>	-1,043.56	
			<i>For Class 54 Rating, Add</i>	711.52	
			<i>For Class 55 Rating, Add</i>	1,581.46	
40 05 19 00-0483	EA		42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,399.70	2,250.98
			<i>For Class 52 Rating, Deduct</i>	-1,098.80	
			<i>For Class 54 Rating, Add</i>	749.18	
			<i>For Class 55 Rating, Add</i>	1,665.19	
40 05 19 00-0484	EA		42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,914.18	2,254.37
			<i>For Class 52 Rating, Deduct</i>	-1,154.83	
			<i>For Class 54 Rating, Add</i>	787.39	
			<i>For Class 55 Rating, Add</i>	1,750.10	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	14,422.58 -1,210.19 825.13 1,833.99	2,257.76
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	14,936.06 -1,266.11 863.26 1,918.73	2,261.14
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	15,444.46 -1,321.47 901.00 2,002.62	2,264.54
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	15,957.93 -1,377.38 939.13 2,087.36	2,267.92
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	16,466.32 -1,432.74 976.87 2,171.26	2,271.32
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	16,975.74 -1,488.21 1,014.69 2,255.32	2,274.71
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	17,488.19 -1,544.02 1,052.74 2,339.89	2,278.10
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	17,996.59 -1,599.38 1,090.48 2,423.78	2,281.49
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	18,511.08 -1,655.41 1,128.69 2,508.69	2,284.87
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	19,019.47 -1,710.76 1,166.43 2,592.59	2,288.27
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	19,532.95 -1,766.68 1,204.56 2,677.33	2,291.65
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	20,041.34 -1,822.04 1,242.30 2,761.22	2,295.05
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	20,555.83 -1,878.07 1,280.50 2,846.13	2,298.44
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	21,064.22 -1,933.43 1,318.25 2,930.02	2,301.83
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	21,577.69 -1,989.34 1,356.37 3,014.76	2,305.22
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	22,086.09 -2,044.70 1,394.12 3,098.65	2,308.60
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	22,600.58 -2,100.73 1,432.32 3,183.56	2,312.00
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	23,108.99 -2,156.09 1,470.06 3,267.46	2,315.38
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	23,621.44 -2,211.90 1,508.11 3,352.03	2,318.78
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	24,130.85 -2,267.37 1,545.93 3,436.09	2,322.17
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	24,537.78 -2,311.56 1,576.07 3,503.07	2,325.56
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe..... <i>For Class 52 Rating, Deduct</i> <i>For Class 54 Rating, Add</i> <i>For Class 55 Rating, Add</i>	25,152.72 -2,378.64 1,621.80 3,604.72	2,328.95

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

40 05 19 00-0507	EA 42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,661.11	2,332.33
	<i>For Class 52 Rating, Deduct</i>	-2,434.00	
	<i>For Class 54 Rating, Add</i>	1,659.55	
	<i>For Class 55 Rating, Add</i>	3,688.62	
40 05 19 00-0508	EA 42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,174.58	2,335.73
	<i>For Class 52 Rating, Deduct</i>	-2,489.92	
	<i>For Class 54 Rating, Add</i>	1,697.67	
	<i>For Class 55 Rating, Add</i>	3,773.35	
40 05 19 00-0509	EA 42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,682.99	2,339.11
	<i>For Class 52 Rating, Deduct</i>	-2,545.28	
	<i>For Class 54 Rating, Add</i>	1,735.42	
	<i>For Class 55 Rating, Add</i>	3,857.25	
40 05 19 00-0510	EA 42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,197.46	2,342.51
	<i>For Class 52 Rating, Deduct</i>	-2,601.30	
	<i>For Class 54 Rating, Add</i>	1,773.62	
	<i>For Class 55 Rating, Add</i>	3,942.16	
40 05 19 00-0511	EA 42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,704.85	2,345.90
	<i>For Class 52 Rating, Deduct</i>	-2,656.55	
	<i>For Class 54 Rating, Add</i>	1,811.28	
	<i>For Class 55 Rating, Add</i>	4,025.88	
40 05 19 00-0512	EA 42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,219.33	2,349.29
	<i>For Class 52 Rating, Deduct</i>	-2,712.58	
	<i>For Class 54 Rating, Add</i>	1,849.49	
	<i>For Class 55 Rating, Add</i>	4,110.79	
40 05 19 00-0513	EA 42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,727.74	2,352.68
	<i>For Class 52 Rating, Deduct</i>	-2,767.94	
	<i>For Class 54 Rating, Add</i>	1,887.23	
	<i>For Class 55 Rating, Add</i>	4,194.68	
40 05 19 00-0514	EA 42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,241.21	2,356.06
	<i>For Class 52 Rating, Deduct</i>	-2,823.86	
	<i>For Class 54 Rating, Add</i>	1,925.36	
	<i>For Class 55 Rating, Add</i>	4,279.42	
40 05 19 00-0515	48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0516	EA 48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,965.60	2,803.55
	<i>For Class 52 Rating, Deduct</i>	-958.96	
	<i>For Class 54 Rating, Add</i>	653.83	
	<i>For Class 55 Rating, Add</i>	1,453.26	
40 05 19 00-0517	EA 48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,712.43	2,806.94
	<i>For Class 52 Rating, Deduct</i>	-1,040.54	
	<i>For Class 54 Rating, Add</i>	709.46	
	<i>For Class 55 Rating, Add</i>	1,576.90	
40 05 19 00-0518	EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,458.26	2,810.33
	<i>For Class 52 Rating, Deduct</i>	-1,122.02	
	<i>For Class 54 Rating, Add</i>	765.01	
	<i>For Class 55 Rating, Add</i>	1,700.37	
40 05 19 00-0519	EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,210.16	2,813.72
	<i>For Class 52 Rating, Deduct</i>	-1,204.16	
	<i>For Class 54 Rating, Add</i>	821.02	
	<i>For Class 55 Rating, Add</i>	1,824.86	
40 05 19 00-0520	EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,957.00	2,817.11
	<i>For Class 52 Rating, Deduct</i>	-1,285.75	
	<i>For Class 54 Rating, Add</i>	876.65	
	<i>For Class 55 Rating, Add</i>	1,948.50	
40 05 19 00-0521	EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,703.83	2,820.51
	<i>For Class 52 Rating, Deduct</i>	-1,367.34	
	<i>For Class 54 Rating, Add</i>	932.28	
	<i>For Class 55 Rating, Add</i>	2,072.14	
40 05 19 00-0522	EA 48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,454.74	2,823.89
	<i>For Class 52 Rating, Deduct</i>	-1,449.37	
	<i>For Class 54 Rating, Add</i>	988.21	
	<i>For Class 55 Rating, Add</i>	2,196.46	
40 05 19 00-0523	EA 48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,202.59	2,827.28
	<i>For Class 52 Rating, Deduct</i>	-1,531.07	
	<i>For Class 54 Rating, Add</i>	1,043.91	
	<i>For Class 55 Rating, Add</i>	2,320.27	
40 05 19 00-0524	EA 48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,948.41	2,830.67
	<i>For Class 52 Rating, Deduct</i>	-1,612.55	
	<i>For Class 54 Rating, Add</i>	1,099.46	
	<i>For Class 55 Rating, Add</i>	2,443.74	
40 05 19 00-0525	EA 48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,700.32	2,834.06
	<i>For Class 52 Rating, Deduct</i>	-1,694.69	
	<i>For Class 54 Rating, Add</i>	1,155.47	
	<i>For Class 55 Rating, Add</i>	2,568.23	
40 05 19 00-0526	EA 48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,447.17	2,837.45
	<i>For Class 52 Rating, Deduct</i>	-1,776.28	
	<i>For Class 54 Rating, Add</i>	1,211.10	
	<i>For Class 55 Rating, Add</i>	2,691.87	
40 05 19 00-0527	EA 48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,199.08	2,840.84
	<i>For Class 52 Rating, Deduct</i>	-1,858.42	
	<i>For Class 54 Rating, Add</i>	1,267.11	
	<i>For Class 55 Rating, Add</i>	2,816.36	
40 05 19 00-0528	EA 48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,944.90	2,844.24
	<i>For Class 52 Rating, Deduct</i>	-1,939.90	
	<i>For Class 54 Rating, Add</i>	1,322.66	
	<i>For Class 55 Rating, Add</i>	2,939.83	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	22,691.74	2,847.62
		<i>For Class 52 Rating, Deduct</i>	-2,021.49	
		<i>For Class 54 Rating, Add</i>	1,378.29	
		<i>For Class 55 Rating, Add</i>	3,063.47	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	23,443.65	2,851.01
		<i>For Class 52 Rating, Deduct</i>	-2,103.63	
		<i>For Class 54 Rating, Add</i>	1,434.29	
		<i>For Class 55 Rating, Add</i>	3,187.96	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	24,190.49	2,854.40
		<i>For Class 52 Rating, Deduct</i>	-2,165.22	
		<i>For Class 54 Rating, Add</i>	1,489.92	
		<i>For Class 55 Rating, Add</i>	3,311.60	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	24,936.31	2,857.79
		<i>For Class 52 Rating, Deduct</i>	-2,266.70	
		<i>For Class 54 Rating, Add</i>	1,545.47	
		<i>For Class 55 Rating, Add</i>	3,435.07	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	25,688.22	2,861.18
		<i>For Class 52 Rating, Deduct</i>	-2,348.84	
		<i>For Class 54 Rating, Add</i>	1,601.48	
		<i>For Class 55 Rating, Add</i>	3,559.56	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	26,435.06	2,864.57
		<i>For Class 52 Rating, Deduct</i>	-2,430.43	
		<i>For Class 54 Rating, Add</i>	1,657.11	
		<i>For Class 55 Rating, Add</i>	3,683.20	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	27,180.88	2,867.97
		<i>For Class 52 Rating, Deduct</i>	-2,511.90	
		<i>For Class 54 Rating, Add</i>	1,712.66	
		<i>For Class 55 Rating, Add</i>	3,806.68	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	27,932.79	2,871.35
		<i>For Class 52 Rating, Deduct</i>	-2,594.05	
		<i>For Class 54 Rating, Add</i>	1,768.67	
		<i>For Class 55 Rating, Add</i>	3,931.16	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	28,680.64	2,874.74
		<i>For Class 52 Rating, Deduct</i>	-2,675.75	
		<i>For Class 54 Rating, Add</i>	1,824.37	
		<i>For Class 55 Rating, Add</i>	4,054.97	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	29,426.47	2,878.13
		<i>For Class 52 Rating, Deduct</i>	-2,757.22	
		<i>For Class 54 Rating, Add</i>	1,879.93	
		<i>For Class 55 Rating, Add</i>	4,178.45	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	30,178.39	2,881.52
		<i>For Class 52 Rating, Deduct</i>	-2,839.37	
		<i>For Class 54 Rating, Add</i>	1,935.93	
		<i>For Class 55 Rating, Add</i>	4,302.93	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	30,925.22	2,884.91
		<i>For Class 52 Rating, Deduct</i>	-2,920.96	
		<i>For Class 54 Rating, Add</i>	1,991.56	
		<i>For Class 55 Rating, Add</i>	4,426.58	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	31,671.05	2,888.30
		<i>For Class 52 Rating, Deduct</i>	-3,002.43	
		<i>For Class 54 Rating, Add</i>	2,047.11	
		<i>For Class 55 Rating, Add</i>	4,550.05	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	32,422.96	2,891.70
		<i>For Class 52 Rating, Deduct</i>	-3,084.58	
		<i>For Class 54 Rating, Add</i>	2,103.12	
		<i>For Class 55 Rating, Add</i>	4,674.54	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	33,169.80	2,895.08
		<i>For Class 52 Rating, Deduct</i>	-3,166.16	
		<i>For Class 54 Rating, Add</i>	2,158.75	
		<i>For Class 55 Rating, Add</i>	4,798.18	
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	33,825.31	2,898.47
		<i>For Class 52 Rating, Deduct</i>	-3,237.71	
		<i>For Class 54 Rating, Add</i>	2,207.53	
		<i>For Class 55 Rating, Add</i>	4,906.60	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	34,668.54	2,901.86
		<i>For Class 52 Rating, Deduct</i>	-3,329.90	
		<i>For Class 54 Rating, Add</i>	2,270.38	
		<i>For Class 55 Rating, Add</i>	5,046.31	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	35,414.37	2,905.25
		<i>For Class 52 Rating, Deduct</i>	-3,411.37	
		<i>For Class 54 Rating, Add</i>	2,325.94	
		<i>For Class 55 Rating, Add</i>	5,169.78	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	36,167.29	2,908.64
		<i>For Class 52 Rating, Deduct</i>	-3,493.63	
		<i>For Class 54 Rating, Add</i>	2,382.02	
		<i>For Class 55 Rating, Add</i>	5,294.44	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	36,913.12	2,912.03
		<i>For Class 52 Rating, Deduct</i>	-3,575.10	
		<i>For Class 54 Rating, Add</i>	2,437.57	
		<i>For Class 55 Rating, Add</i>	5,417.91	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	37,658.94	2,915.43
		<i>For Class 52 Rating, Deduct</i>	-3,656.58	
		<i>For Class 54 Rating, Add</i>	2,493.12	
		<i>For Class 55 Rating, Add</i>	5,541.38	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	38,411.87	2,918.81
		<i>For Class 52 Rating, Deduct</i>	-3,738.84	
		<i>For Class 54 Rating, Add</i>	2,549.21	
		<i>For Class 55 Rating, Add</i>	5,666.04	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0551	EA 48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,157.68	2,922.20
	For Class 52 Rating, Deduct	-3,820.31	
	For Class 54 Rating, Add	2,604.76	
	For Class 55 Rating, Add	5,789.51	
40 05 19 00-0552	EA 48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,904.53	2,925.59
	For Class 52 Rating, Deduct	-3,901.90	
	For Class 54 Rating, Add	2,660.39	
	For Class 55 Rating, Add	5,913.15	
40 05 19 00-0553	EA 48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,656.44	2,928.98
	For Class 52 Rating, Deduct	-3,984.04	
	For Class 54 Rating, Add	2,716.39	
	For Class 55 Rating, Add	6,037.64	
40 05 19 00-0554	Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
40 05 19 00-0555	4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0556	EA 4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	407.53	155.13
	For Class 52 Rating, Deduct	-18.97	
	For Class 54 Rating, Add	12.94	
	For Class 55 Rating, Add	28.75	
40 05 19 00-0557	EA 4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	438.02	157.84
	For Class 52 Rating, Deduct	-21.88	
	For Class 54 Rating, Add	14.92	
	For Class 55 Rating, Add	33.15	
40 05 19 00-0558	EA 4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	468.51	160.56
	For Class 52 Rating, Deduct	-24.78	
	For Class 54 Rating, Add	16.89	
	For Class 55 Rating, Add	37.55	
40 05 19 00-0559	EA 4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	499.00	163.26
	For Class 52 Rating, Deduct	-27.68	
	For Class 54 Rating, Add	18.87	
	For Class 55 Rating, Add	41.95	
40 05 19 00-0560	EA 4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	529.49	165.98
	For Class 52 Rating, Deduct	-30.58	
	For Class 54 Rating, Add	20.85	
	For Class 55 Rating, Add	46.34	
40 05 19 00-0561	EA 4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	559.98	168.69
	For Class 52 Rating, Deduct	-33.48	
	For Class 54 Rating, Add	22.83	
	For Class 55 Rating, Add	50.74	
40 05 19 00-0562	EA 4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	590.47	171.40
	For Class 52 Rating, Deduct	-36.38	
	For Class 54 Rating, Add	24.81	
	For Class 55 Rating, Add	55.14	
40 05 19 00-0563	EA 4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	620.95	174.11
	For Class 52 Rating, Deduct	-39.29	
	For Class 54 Rating, Add	26.79	
	For Class 55 Rating, Add	59.54	
40 05 19 00-0564	EA 4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	651.45	176.83
	For Class 52 Rating, Deduct	-42.19	
	For Class 54 Rating, Add	28.76	
	For Class 55 Rating, Add	63.93	
40 05 19 00-0565	EA 4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	681.93	179.54
	For Class 52 Rating, Deduct	-45.09	
	For Class 54 Rating, Add	30.74	
	For Class 55 Rating, Add	68.33	
40 05 19 00-0566	EA 4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	712.43	182.25
	For Class 52 Rating, Deduct	-47.99	
	For Class 54 Rating, Add	32.72	
	For Class 55 Rating, Add	72.73	
40 05 19 00-0567	EA 4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	742.92	184.96
	For Class 52 Rating, Deduct	-50.89	
	For Class 54 Rating, Add	34.70	
	For Class 55 Rating, Add	77.13	
40 05 19 00-0568	EA 4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	773.41	187.67
	For Class 52 Rating, Deduct	-53.80	
	For Class 54 Rating, Add	36.68	
	For Class 55 Rating, Add	81.53	
40 05 19 00-0569	EA 4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	803.90	190.39
	For Class 52 Rating, Deduct	-56.70	
	For Class 54 Rating, Add	38.66	
	For Class 55 Rating, Add	85.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0570	EA		4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	834.39	193.09
			For Class 52 Rating, Deduct	-59.60	
			For Class 54 Rating, Add	40.64	
			For Class 55 Rating, Add	90.32	
40 05 19 00-0571	EA		4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	864.88	195.81
			For Class 52 Rating, Deduct	-62.50	
			For Class 54 Rating, Add	42.62	
			For Class 55 Rating, Add	94.72	
40 05 19 00-0572	EA		4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	895.37	198.52
			For Class 52 Rating, Deduct	-65.40	
			For Class 54 Rating, Add	44.59	
			For Class 55 Rating, Add	99.12	
40 05 19 00-0573	EA		4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	925.86	201.24
			For Class 52 Rating, Deduct	-68.31	
			For Class 54 Rating, Add	46.57	
			For Class 55 Rating, Add	103.51	
40 05 19 00-0574	EA		4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	956.35	203.94
			For Class 52 Rating, Deduct	-71.21	
			For Class 54 Rating, Add	48.55	
			For Class 55 Rating, Add	107.91	
40 05 19 00-0575	EA		4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	986.84	206.66
			For Class 52 Rating, Deduct	-74.11	
			For Class 54 Rating, Add	50.53	
			For Class 55 Rating, Add	112.31	
40 05 19 00-0576	EA		4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,017.32	209.37
			For Class 52 Rating, Deduct	-77.01	
			For Class 54 Rating, Add	52.51	
			For Class 55 Rating, Add	116.71	
40 05 19 00-0577	EA		4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,047.81	212.09
			For Class 52 Rating, Deduct	-79.91	
			For Class 54 Rating, Add	54.49	
			For Class 55 Rating, Add	121.10	
40 05 19 00-0578	EA		4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,078.30	214.79
			For Class 52 Rating, Deduct	-82.81	
			For Class 54 Rating, Add	56.46	
			For Class 55 Rating, Add	125.50	
40 05 19 00-0579	EA		4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,108.79	217.50
			For Class 52 Rating, Deduct	-85.72	
			For Class 54 Rating, Add	58.44	
			For Class 55 Rating, Add	129.90	
40 05 19 00-0580	EA		4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,139.28	220.22
			For Class 52 Rating, Deduct	-88.62	
			For Class 54 Rating, Add	60.42	
			For Class 55 Rating, Add	134.30	
40 05 19 00-0581	EA		4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,169.77	222.93
			For Class 52 Rating, Deduct	-91.52	
			For Class 54 Rating, Add	62.40	
			For Class 55 Rating, Add	138.69	
40 05 19 00-0582	EA		4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,200.27	225.64
			For Class 52 Rating, Deduct	-94.42	
			For Class 54 Rating, Add	64.38	
			For Class 55 Rating, Add	143.09	
40 05 19 00-0583	EA		4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,230.76	228.35
			For Class 52 Rating, Deduct	-97.32	
			For Class 54 Rating, Add	66.36	
			For Class 55 Rating, Add	147.49	
40 05 19 00-0584	EA		4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,261.25	231.07
			For Class 52 Rating, Deduct	-100.23	
			For Class 54 Rating, Add	68.34	
			For Class 55 Rating, Add	151.89	
40 05 19 00-0585	EA		4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,291.74	233.78
			For Class 52 Rating, Deduct	-103.13	
			For Class 54 Rating, Add	70.31	
			For Class 55 Rating, Add	156.29	
40 05 19 00-0586	EA		4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,322.22	236.49
			For Class 52 Rating, Deduct	-106.03	
			For Class 54 Rating, Add	72.29	
			For Class 55 Rating, Add	160.68	
40 05 19 00-0587	EA		4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,352.72	239.20
			For Class 52 Rating, Deduct	-108.93	
			For Class 54 Rating, Add	74.27	
			For Class 55 Rating, Add	165.08	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,383.20	241.92
		<i>For Class 52 Rating, Deduct</i>	-111.83	
		<i>For Class 54 Rating, Add</i>	76.25	
		<i>For Class 55 Rating, Add</i>	169.48	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,413.69	244.63
		<i>For Class 52 Rating, Deduct</i>	-114.74	
		<i>For Class 54 Rating, Add</i>	78.23	
		<i>For Class 55 Rating, Add</i>	173.88	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,444.18	247.33
		<i>For Class 52 Rating, Deduct</i>	-117.64	
		<i>For Class 54 Rating, Add</i>	80.21	
		<i>For Class 55 Rating, Add</i>	178.27	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,474.67	250.05
		<i>For Class 52 Rating, Deduct</i>	-120.54	
		<i>For Class 54 Rating, Add</i>	82.19	
		<i>For Class 55 Rating, Add</i>	182.67	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,505.16	252.76
		<i>For Class 52 Rating, Deduct</i>	-123.44	
		<i>For Class 54 Rating, Add</i>	84.16	
		<i>For Class 55 Rating, Add</i>	187.07	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,535.65	255.48
		<i>For Class 52 Rating, Deduct</i>	-126.34	
		<i>For Class 54 Rating, Add</i>	86.14	
		<i>For Class 55 Rating, Add</i>	191.47	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,566.14	258.18
		<i>For Class 52 Rating, Deduct</i>	-129.24	
		<i>For Class 54 Rating, Add</i>	88.12	
		<i>For Class 55 Rating, Add</i>	195.86	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-0554)

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	509.94	195.27
		<i>For Class 52 Rating, Deduct</i>	-23.55	
		<i>For Class 54 Rating, Add</i>	16.06	
		<i>For Class 55 Rating, Add</i>	35.69	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	546.53	197.97
		<i>For Class 52 Rating, Deduct</i>	-27.12	
		<i>For Class 54 Rating, Add</i>	18.49	
		<i>For Class 55 Rating, Add</i>	41.10	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	583.10	200.69
		<i>For Class 52 Rating, Deduct</i>	-30.69	
		<i>For Class 54 Rating, Add</i>	20.93	
		<i>For Class 55 Rating, Add</i>	46.51	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	619.68	203.40
		<i>For Class 52 Rating, Deduct</i>	-34.26	
		<i>For Class 54 Rating, Add</i>	23.36	
		<i>For Class 55 Rating, Add</i>	51.93	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	656.25	206.12
		<i>For Class 52 Rating, Deduct</i>	-37.84	
		<i>For Class 54 Rating, Add</i>	25.80	
		<i>For Class 55 Rating, Add</i>	57.34	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	692.84	208.82
		<i>For Class 52 Rating, Deduct</i>	-41.41	
		<i>For Class 54 Rating, Add</i>	28.23	
		<i>For Class 55 Rating, Add</i>	62.75	
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	729.41	211.54
		<i>For Class 52 Rating, Deduct</i>	-44.98	
		<i>For Class 54 Rating, Add</i>	30.67	
		<i>For Class 55 Rating, Add</i>	68.16	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	765.99	214.25
		<i>For Class 52 Rating, Deduct</i>	-48.55	
		<i>For Class 54 Rating, Add</i>	33.10	
		<i>For Class 55 Rating, Add</i>	73.58	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	802.57	216.97
		<i>For Class 52 Rating, Deduct</i>	-52.12	
		<i>For Class 54 Rating, Add</i>	35.54	
		<i>For Class 55 Rating, Add</i>	78.99	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	839.14	219.67
		<i>For Class 52 Rating, Deduct</i>	-55.69	
		<i>For Class 54 Rating, Add</i>	37.97	
		<i>For Class 55 Rating, Add</i>	84.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0606	EA		6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	875.72	222.99
			For Class 52 Rating, Deduct	-59.26	
			For Class 54 Rating, Add	40.41	
			For Class 55 Rating, Add	89.81	
40 05 19 00-0607	EA		6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	912.29	225.10
			For Class 52 Rating, Deduct	-62.84	
			For Class 54 Rating, Add	42.84	
			For Class 55 Rating, Add	95.23	
40 05 19 00-0608	EA		6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	948.88	227.81
			For Class 52 Rating, Deduct	-66.41	
			For Class 54 Rating, Add	45.28	
			For Class 55 Rating, Add	100.64	
40 05 19 00-0609	EA		6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	985.45	230.52
			For Class 52 Rating, Deduct	-69.98	
			For Class 54 Rating, Add	47.71	
			For Class 55 Rating, Add	106.05	
40 05 19 00-0610	EA		6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,022.04	233.23
			For Class 52 Rating, Deduct	-73.55	
			For Class 54 Rating, Add	50.15	
			For Class 55 Rating, Add	111.46	
40 05 19 00-0611	EA		6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,058.61	235.95
			For Class 52 Rating, Deduct	-77.12	
			For Class 54 Rating, Add	52.58	
			For Class 55 Rating, Add	116.88	
40 05 19 00-0612	EA		6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,095.19	238.66
			For Class 52 Rating, Deduct	-80.69	
			For Class 54 Rating, Add	55.02	
			For Class 55 Rating, Add	122.29	
40 05 19 00-0613	EA		6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,131.76	241.37
			For Class 52 Rating, Deduct	-84.27	
			For Class 54 Rating, Add	57.45	
			For Class 55 Rating, Add	127.70	
40 05 19 00-0614	EA		6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,168.35	244.08
			For Class 52 Rating, Deduct	-87.84	
			For Class 54 Rating, Add	59.89	
			For Class 55 Rating, Add	133.11	
40 05 19 00-0615	EA		6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,204.92	246.80
			For Class 52 Rating, Deduct	-91.41	
			For Class 54 Rating, Add	62.32	
			For Class 55 Rating, Add	138.53	
40 05 19 00-0616	EA		6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,241.49	249.51
			For Class 52 Rating, Deduct	-94.98	
			For Class 54 Rating, Add	64.76	
			For Class 55 Rating, Add	143.94	
40 05 19 00-0617	EA		6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,278.08	252.22
			For Class 52 Rating, Deduct	-98.55	
			For Class 54 Rating, Add	67.19	
			For Class 55 Rating, Add	149.35	
40 05 19 00-0618	EA		6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,314.65	254.93
			For Class 52 Rating, Deduct	-102.12	
			For Class 54 Rating, Add	69.63	
			For Class 55 Rating, Add	154.76	
40 05 19 00-0619	EA		6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,351.23	257.64
			For Class 52 Rating, Deduct	-105.69	
			For Class 54 Rating, Add	72.06	
			For Class 55 Rating, Add	160.18	
40 05 19 00-0620	EA		6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,387.80	260.35
			For Class 52 Rating, Deduct	-109.27	
			For Class 54 Rating, Add	74.50	
			For Class 55 Rating, Add	165.59	
40 05 19 00-0621	EA		6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,424.39	263.06
			For Class 52 Rating, Deduct	-112.84	
			For Class 54 Rating, Add	76.94	
			For Class 55 Rating, Add	171.00	
40 05 19 00-0622	EA		6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,460.96	265.78
			For Class 52 Rating, Deduct	-116.41	
			For Class 54 Rating, Add	79.37	
			For Class 55 Rating, Add	176.41	
40 05 19 00-0623	EA		6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,497.55	268.49
			For Class 52 Rating, Deduct	-119.98	
			For Class 54 Rating, Add	81.81	
			For Class 55 Rating, Add	181.83	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,534.12	271.20
		For Class 52 Rating, Deduct	-123.55	
		For Class 54 Rating, Add	84.24	
		For Class 55 Rating, Add	187.24	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,570.71	273.91
		For Class 52 Rating, Deduct	-127.12	
		For Class 54 Rating, Add	86.68	
		For Class 55 Rating, Add	192.65	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,607.27	276.63
		For Class 52 Rating, Deduct	-130.70	
		For Class 54 Rating, Add	89.11	
		For Class 55 Rating, Add	198.06	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,643.85	279.34
		For Class 52 Rating, Deduct	-134.27	
		For Class 54 Rating, Add	91.55	
		For Class 55 Rating, Add	203.48	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,680.43	282.05
		For Class 52 Rating, Deduct	-137.84	
		For Class 54 Rating, Add	93.98	
		For Class 55 Rating, Add	208.89	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,717.00	284.76
		For Class 52 Rating, Deduct	-141.41	
		For Class 54 Rating, Add	96.42	
		For Class 55 Rating, Add	214.30	
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,753.59	287.47
		For Class 52 Rating, Deduct	-144.98	
		For Class 54 Rating, Add	98.85	
		For Class 55 Rating, Add	219.71	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,790.16	290.19
		For Class 52 Rating, Deduct	-148.55	
		For Class 54 Rating, Add	101.29	
		For Class 55 Rating, Add	225.13	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,826.74	292.89
		For Class 52 Rating, Deduct	-152.12	
		For Class 54 Rating, Add	103.72	
		For Class 55 Rating, Add	230.54	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,863.31	295.61
		For Class 52 Rating, Deduct	-155.70	
		For Class 54 Rating, Add	106.16	
		For Class 55 Rating, Add	235.95	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,899.90	298.32
		For Class 52 Rating, Deduct	-159.27	
		For Class 54 Rating, Add	108.59	
		For Class 55 Rating, Add	241.36	
40 05 19 00-0635		8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)		
40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	690.54	249.51
		For Class 52 Rating, Deduct	-34.38	
		For Class 54 Rating, Add	23.44	
		For Class 55 Rating, Add	52.10	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	739.30	252.22
		For Class 52 Rating, Deduct	-39.29	
		For Class 54 Rating, Add	26.79	
		For Class 55 Rating, Add	59.54	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	788.05	254.93
		For Class 52 Rating, Deduct	-44.20	
		For Class 54 Rating, Add	30.14	
		For Class 55 Rating, Add	66.98	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	836.81	257.64
		For Class 52 Rating, Deduct	-49.11	
		For Class 54 Rating, Add	33.48	
		For Class 55 Rating, Add	74.42	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	885.56	260.35
		For Class 52 Rating, Deduct	-54.02	
		For Class 54 Rating, Add	36.83	
		For Class 55 Rating, Add	81.86	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	934.32	263.06
		For Class 52 Rating, Deduct	-58.93	
		For Class 54 Rating, Add	40.18	
		For Class 55 Rating, Add	89.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0642 EA 8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	983.06	265.78
Pipe	-63.84	
<i>For Class 52 Rating, Deduct</i>	43.53	
<i>For Class 54 Rating, Add</i>	96.75	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0643 EA 8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,031.83	268.49
Pipe	-68.75	
<i>For Class 52 Rating, Deduct</i>	46.88	
<i>For Class 54 Rating, Add</i>	104.19	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0644 EA 8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,080.57	271.20
Pipe	-73.66	
<i>For Class 52 Rating, Deduct</i>	50.22	
<i>For Class 54 Rating, Add</i>	111.63	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0645 EA 8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,129.34	273.91
Pipe	-78.57	
<i>For Class 52 Rating, Deduct</i>	53.57	
<i>For Class 54 Rating, Add</i>	119.08	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0646 EA 8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,178.08	276.63
Pipe	-83.48	
<i>For Class 52 Rating, Deduct</i>	56.92	
<i>For Class 54 Rating, Add</i>	126.52	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0647 EA 8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,226.83	279.34
Pipe	-88.39	
<i>For Class 52 Rating, Deduct</i>	60.27	
<i>For Class 54 Rating, Add</i>	133.96	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0648 EA 8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,275.59	282.05
Pipe	-93.31	
<i>For Class 52 Rating, Deduct</i>	63.62	
<i>For Class 54 Rating, Add</i>	141.40	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0649 EA 8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,324.33	284.76
Pipe	-98.22	
<i>For Class 52 Rating, Deduct</i>	66.97	
<i>For Class 54 Rating, Add</i>	148.84	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0650 EA 8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,373.10	287.47
Pipe	-103.13	
<i>For Class 52 Rating, Deduct</i>	70.31	
<i>For Class 54 Rating, Add</i>	156.29	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0651 EA 8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,421.84	290.19
Pipe	-108.04	
<i>For Class 52 Rating, Deduct</i>	73.66	
<i>For Class 54 Rating, Add</i>	163.73	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0652 EA 8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,470.61	292.89
Pipe	-112.95	
<i>For Class 52 Rating, Deduct</i>	77.01	
<i>For Class 54 Rating, Add</i>	171.17	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0653 EA 8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,519.35	295.61
Pipe	-117.86	
<i>For Class 52 Rating, Deduct</i>	80.36	
<i>For Class 54 Rating, Add</i>	178.61	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0654 EA 8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,568.11	298.32
Pipe	-122.77	
<i>For Class 52 Rating, Deduct</i>	83.71	
<i>For Class 54 Rating, Add</i>	186.05	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0655 EA 8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,616.86	301.04
Pipe	-127.68	
<i>For Class 52 Rating, Deduct</i>	87.06	
<i>For Class 54 Rating, Add</i>	193.50	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0656 EA 8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,665.61	303.74
Pipe	-132.59	
<i>For Class 52 Rating, Deduct</i>	90.40	
<i>For Class 54 Rating, Add</i>	200.94	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0657 EA 8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,714.37	306.46
Pipe	-137.50	
<i>For Class 52 Rating, Deduct</i>	93.75	
<i>For Class 54 Rating, Add</i>	208.38	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0658 EA 8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,763.12	309.17
Pipe	-142.41	
<i>For Class 52 Rating, Deduct</i>	97.10	
<i>For Class 54 Rating, Add</i>	215.82	
<i>For Class 55 Rating, Add</i>		
40 05 19 00-0659 EA 8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	1,811.87	311.89
Pipe	-147.33	
<i>For Class 52 Rating, Deduct</i>	100.45	
<i>For Class 54 Rating, Add</i>	223.26	
<i>For Class 55 Rating, Add</i>		

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,860.63	314.59
		For Class 52 Rating, Deduct	-152.24	
		For Class 54 Rating, Add	103.80	
		For Class 55 Rating, Add	230.71	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,909.38	317.31
		For Class 52 Rating, Deduct	-157.15	
		For Class 54 Rating, Add	107.15	
		For Class 55 Rating, Add	238.15	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,958.13	320.02
		For Class 52 Rating, Deduct	-162.06	
		For Class 54 Rating, Add	110.49	
		For Class 55 Rating, Add	245.59	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,006.89	322.73
		For Class 52 Rating, Deduct	-166.97	
		For Class 54 Rating, Add	113.84	
		For Class 55 Rating, Add	253.03	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,055.64	325.44
		For Class 52 Rating, Deduct	-171.88	
		For Class 54 Rating, Add	117.19	
		For Class 55 Rating, Add	260.48	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,104.39	328.15
		For Class 52 Rating, Deduct	-176.79	
		For Class 54 Rating, Add	120.54	
		For Class 55 Rating, Add	267.92	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,153.14	330.87
		For Class 52 Rating, Deduct	-181.70	
		For Class 54 Rating, Add	123.89	
		For Class 55 Rating, Add	275.36	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,201.90	333.58
		For Class 52 Rating, Deduct	-186.61	
		For Class 54 Rating, Add	127.24	
		For Class 55 Rating, Add	282.80	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,250.65	336.29
		For Class 52 Rating, Deduct	-191.52	
		For Class 54 Rating, Add	130.58	
		For Class 55 Rating, Add	290.24	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,299.41	339.00
		For Class 52 Rating, Deduct	-196.43	
		For Class 54 Rating, Add	133.93	
		For Class 55 Rating, Add	297.69	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,348.16	341.72
		For Class 52 Rating, Deduct	-201.35	
		For Class 54 Rating, Add	137.28	
		For Class 55 Rating, Add	305.13	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,396.91	344.43
		For Class 52 Rating, Deduct	-206.26	
		For Class 54 Rating, Add	140.63	
		For Class 55 Rating, Add	312.57	
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,445.67	347.14
		For Class 52 Rating, Deduct	-211.17	
		For Class 54 Rating, Add	143.98	
		For Class 55 Rating, Add	320.01	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,494.42	349.85
		For Class 52 Rating, Deduct	-216.08	
		For Class 54 Rating, Add	147.33	
		For Class 55 Rating, Add	327.46	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,543.18	352.56
		For Class 52 Rating, Deduct	-220.99	
		For Class 54 Rating, Add	150.67	
		For Class 55 Rating, Add	334.90	
40 05 19 00-0675		10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	859.99	303.74
		For Class 52 Rating, Deduct	-43.97	
		For Class 54 Rating, Add	29.98	
		For Class 55 Rating, Add	66.64	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	922.95	306.46
		For Class 52 Rating, Deduct	-50.45	
		For Class 54 Rating, Add	34.40	
		For Class 55 Rating, Add	76.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0678	EA		10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	985.91	309.17
			For Class 52 Rating, Deduct	-56.92	
			For Class 54 Rating, Add	38.81	
			For Class 55 Rating, Add	86.26	
40 05 19 00-0679	EA		10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,048.87	311.89
			For Class 52 Rating, Deduct	-63.40	
			For Class 54 Rating, Add	43.22	
			For Class 55 Rating, Add	96.07	
40 05 19 00-0680	EA		10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,111.82	314.59
			For Class 52 Rating, Deduct	-69.87	
			For Class 54 Rating, Add	47.64	
			For Class 55 Rating, Add	105.88	
40 05 19 00-0681	EA		10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,174.78	317.31
			For Class 52 Rating, Deduct	-76.34	
			For Class 54 Rating, Add	52.05	
			For Class 55 Rating, Add	115.69	
40 05 19 00-0682	EA		10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,237.73	320.02
			For Class 52 Rating, Deduct	-82.81	
			For Class 54 Rating, Add	56.46	
			For Class 55 Rating, Add	125.50	
40 05 19 00-0683	EA		10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,300.70	322.73
			For Class 52 Rating, Deduct	-89.29	
			For Class 54 Rating, Add	60.88	
			For Class 55 Rating, Add	135.31	
40 05 19 00-0684	EA		10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,363.65	325.44
			For Class 52 Rating, Deduct	-95.76	
			For Class 54 Rating, Add	65.29	
			For Class 55 Rating, Add	145.12	
40 05 19 00-0685	EA		10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,426.61	328.15
			For Class 52 Rating, Deduct	-102.24	
			For Class 54 Rating, Add	69.71	
			For Class 55 Rating, Add	154.93	
40 05 19 00-0686	EA		10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,489.57	330.87
			For Class 52 Rating, Deduct	-108.71	
			For Class 54 Rating, Add	74.12	
			For Class 55 Rating, Add	164.74	
40 05 19 00-0687	EA		10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,552.53	333.58
			For Class 52 Rating, Deduct	-115.18	
			For Class 54 Rating, Add	78.53	
			For Class 55 Rating, Add	174.55	
40 05 19 00-0688	EA		10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,615.49	336.29
			For Class 52 Rating, Deduct	-121.66	
			For Class 54 Rating, Add	82.95	
			For Class 55 Rating, Add	184.36	
40 05 19 00-0689	EA		10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,678.45	339.00
			For Class 52 Rating, Deduct	-128.13	
			For Class 54 Rating, Add	87.36	
			For Class 55 Rating, Add	194.17	
40 05 19 00-0690	EA		10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,741.41	341.72
			For Class 52 Rating, Deduct	-134.60	
			For Class 54 Rating, Add	91.77	
			For Class 55 Rating, Add	203.98	
40 05 19 00-0691	EA		10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,804.36	344.43
			For Class 52 Rating, Deduct	-141.08	
			For Class 54 Rating, Add	96.19	
			For Class 55 Rating, Add	213.79	
40 05 19 00-0692	EA		10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,867.32	347.14
			For Class 52 Rating, Deduct	-147.55	
			For Class 54 Rating, Add	100.60	
			For Class 55 Rating, Add	223.60	
40 05 19 00-0693	EA		10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,930.28	349.85
			For Class 52 Rating, Deduct	-154.02	
			For Class 54 Rating, Add	105.02	
			For Class 55 Rating, Add	233.41	
40 05 19 00-0694	EA		10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,993.24	352.56
			For Class 52 Rating, Deduct	-160.50	
			For Class 54 Rating, Add	109.43	
			For Class 55 Rating, Add	243.22	
40 05 19 00-0695	EA		10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,056.19	355.28
			For Class 52 Rating, Deduct	-166.97	
			For Class 54 Rating, Add	113.84	
			For Class 55 Rating, Add	253.03	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,119.15	357.98
		<i>For Class 52 Rating, Deduct</i>	-173.44	
		<i>For Class 54 Rating, Add</i>	118.26	
		<i>For Class 55 Rating, Add</i>	262.84	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.11	360.70
		<i>For Class 52 Rating, Deduct</i>	-179.92	
		<i>For Class 54 Rating, Add</i>	122.67	
		<i>For Class 55 Rating, Add</i>	272.65	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,245.07	363.41
		<i>For Class 52 Rating, Deduct</i>	-186.39	
		<i>For Class 54 Rating, Add</i>	127.08	
		<i>For Class 55 Rating, Add</i>	282.46	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,308.03	366.13
		<i>For Class 52 Rating, Deduct</i>	-192.86	
		<i>For Class 54 Rating, Add</i>	131.50	
		<i>For Class 55 Rating, Add</i>	292.28	
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,370.99	368.83
		<i>For Class 52 Rating, Deduct</i>	-199.34	
		<i>For Class 54 Rating, Add</i>	135.91	
		<i>For Class 55 Rating, Add</i>	302.09	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,433.95	371.55
		<i>For Class 52 Rating, Deduct</i>	-205.81	
		<i>For Class 54 Rating, Add</i>	140.33	
		<i>For Class 55 Rating, Add</i>	311.90	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,496.91	374.26
		<i>For Class 52 Rating, Deduct</i>	-212.28	
		<i>For Class 54 Rating, Add</i>	144.74	
		<i>For Class 55 Rating, Add</i>	321.71	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.86	376.98
		<i>For Class 52 Rating, Deduct</i>	-218.76	
		<i>For Class 54 Rating, Add</i>	149.15	
		<i>For Class 55 Rating, Add</i>	331.51	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,622.82	379.68
		<i>For Class 52 Rating, Deduct</i>	-225.23	
		<i>For Class 54 Rating, Add</i>	153.57	
		<i>For Class 55 Rating, Add</i>	341.32	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,685.78	382.39
		<i>For Class 52 Rating, Deduct</i>	-231.70	
		<i>For Class 54 Rating, Add</i>	157.98	
		<i>For Class 55 Rating, Add</i>	351.14	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,748.74	385.11
		<i>For Class 52 Rating, Deduct</i>	-238.18	
		<i>For Class 54 Rating, Add</i>	162.39	
		<i>For Class 55 Rating, Add</i>	360.95	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,811.69	387.81
		<i>For Class 52 Rating, Deduct</i>	-244.65	
		<i>For Class 54 Rating, Add</i>	166.81	
		<i>For Class 55 Rating, Add</i>	370.76	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,874.65	390.53
		<i>For Class 52 Rating, Deduct</i>	-251.12	
		<i>For Class 54 Rating, Add</i>	171.22	
		<i>For Class 55 Rating, Add</i>	380.57	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.61	393.24
		<i>For Class 52 Rating, Deduct</i>	-257.60	
		<i>For Class 54 Rating, Add</i>	175.63	
		<i>For Class 55 Rating, Add</i>	390.38	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,000.57	395.96
		<i>For Class 52 Rating, Deduct</i>	-264.07	
		<i>For Class 54 Rating, Add</i>	180.05	
		<i>For Class 55 Rating, Add</i>	400.19	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,063.53	398.66
		<i>For Class 52 Rating, Deduct</i>	-270.54	
		<i>For Class 54 Rating, Add</i>	184.46	
		<i>For Class 55 Rating, Add</i>	410.00	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,126.49	401.38
		<i>For Class 52 Rating, Deduct</i>	-277.02	
		<i>For Class 54 Rating, Add</i>	188.88	
		<i>For Class 55 Rating, Add</i>	419.81	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,189.45	404.09
		<i>For Class 52 Rating, Deduct</i>	-283.49	
		<i>For Class 54 Rating, Add</i>	193.29	
		<i>For Class 55 Rating, Add</i>	429.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA		10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	3,252.40 -289.96 197.70 439.43	406.81
40 05 19 00-0715			12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)		
40 05 19 00-0716	EA		12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,104.92 -58.26 39.72 88.29	379.68
40 05 19 00-0717	EA		12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,183.10 -66.41 45.28 100.64	382.39
40 05 19 00-0718	EA		12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,261.28 -74.56 50.83 112.99	385.11
40 05 19 00-0719	EA		12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,339.45 -82.70 56.39 125.33	387.81
40 05 19 00-0720	EA		12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,417.63 -90.85 61.94 137.68	390.53
40 05 19 00-0721	EA		12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,495.81 -99.00 67.50 150.03	393.24
40 05 19 00-0722	EA		12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,573.98 -107.15 73.05 162.37	395.96
40 05 19 00-0723	EA		12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,652.16 -115.29 78.61 174.72	398.66
40 05 19 00-0724	EA		12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,730.34 -123.44 84.16 187.07	401.38
40 05 19 00-0725	EA		12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,808.52 -131.59 89.72 199.42	404.09
40 05 19 00-0726	EA		12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,886.70 -139.74 95.27 211.76	406.81
40 05 19 00-0727	EA		12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	1,964.88 -147.88 100.83 224.11	409.51
40 05 19 00-0728	EA		12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	2,043.05 -156.03 106.39 236.46	412.23
40 05 19 00-0729	EA		12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	2,121.24 -164.18 111.94 248.81	414.94
40 05 19 00-0730	EA		12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	2,199.40 -172.33 117.50 261.15	417.65
40 05 19 00-0731	EA		12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe For Class 52 Rating, Deduct For Class 54 Rating, Add For Class 55 Rating, Add	2,277.59 -180.47 123.05 273.50	420.36

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,355.76	423.07
		<i>For Class 52 Rating, Deduct</i>	-188.62	
		<i>For Class 54 Rating, Add</i>	128.61	
		<i>For Class 55 Rating, Add</i>	285.85	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,433.94	425.79
		<i>For Class 52 Rating, Deduct</i>	-196.77	
		<i>For Class 54 Rating, Add</i>	134.16	
		<i>For Class 55 Rating, Add</i>	298.19	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,512.12	428.50
		<i>For Class 52 Rating, Deduct</i>	-204.92	
		<i>For Class 54 Rating, Add</i>	139.72	
		<i>For Class 55 Rating, Add</i>	310.54	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,590.30	431.21
		<i>For Class 52 Rating, Deduct</i>	-213.06	
		<i>For Class 54 Rating, Add</i>	145.27	
		<i>For Class 55 Rating, Add</i>	322.89	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,668.48	433.92
		<i>For Class 52 Rating, Deduct</i>	-221.21	
		<i>For Class 54 Rating, Add</i>	150.83	
		<i>For Class 55 Rating, Add</i>	335.24	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,746.66	436.64
		<i>For Class 52 Rating, Deduct</i>	-229.36	
		<i>For Class 54 Rating, Add</i>	156.38	
		<i>For Class 55 Rating, Add</i>	347.58	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.83	439.35
		<i>For Class 52 Rating, Deduct</i>	-237.51	
		<i>For Class 54 Rating, Add</i>	161.94	
		<i>For Class 55 Rating, Add</i>	359.93	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,903.00	442.06
		<i>For Class 52 Rating, Deduct</i>	-245.65	
		<i>For Class 54 Rating, Add</i>	167.49	
		<i>For Class 55 Rating, Add</i>	372.28	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,981.19	444.77
		<i>For Class 52 Rating, Deduct</i>	-253.80	
		<i>For Class 54 Rating, Add</i>	173.05	
		<i>For Class 55 Rating, Add</i>	384.63	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,059.36	447.48
		<i>For Class 52 Rating, Deduct</i>	-261.95	
		<i>For Class 54 Rating, Add</i>	178.60	
		<i>For Class 55 Rating, Add</i>	396.97	
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,137.55	450.20
		<i>For Class 52 Rating, Deduct</i>	-270.10	
		<i>For Class 54 Rating, Add</i>	184.16	
		<i>For Class 55 Rating, Add</i>	409.32	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,215.72	452.90
		<i>For Class 52 Rating, Deduct</i>	-278.25	
		<i>For Class 54 Rating, Add</i>	189.71	
		<i>For Class 55 Rating, Add</i>	421.67	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,293.91	455.62
		<i>For Class 52 Rating, Deduct</i>	-286.39	
		<i>For Class 54 Rating, Add</i>	195.27	
		<i>For Class 55 Rating, Add</i>	434.02	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.08	458.33
		<i>For Class 52 Rating, Deduct</i>	-294.54	
		<i>For Class 54 Rating, Add</i>	200.82	
		<i>For Class 55 Rating, Add</i>	446.36	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,450.25	461.05
		<i>For Class 52 Rating, Deduct</i>	-302.69	
		<i>For Class 54 Rating, Add</i>	206.38	
		<i>For Class 55 Rating, Add</i>	458.71	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,528.43	463.75
		<i>For Class 52 Rating, Deduct</i>	-310.83	
		<i>For Class 54 Rating, Add</i>	211.93	
		<i>For Class 55 Rating, Add</i>	471.06	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,606.60	466.47
		<i>For Class 52 Rating, Deduct</i>	-318.98	
		<i>For Class 54 Rating, Add</i>	217.49	
		<i>For Class 55 Rating, Add</i>	483.40	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,684.79	469.18
		<i>For Class 52 Rating, Deduct</i>	-327.13	
		<i>For Class 54 Rating, Add</i>	223.04	
		<i>For Class 55 Rating, Add</i>	495.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0750	EA		12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,762.96	471.90
			For Class 52 Rating, Deduct	-335.28	
			For Class 54 Rating, Add	228.60	
			For Class 55 Rating, Add	508.10	
40 05 19 00-0751	EA		12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,841.15	474.60
			For Class 52 Rating, Deduct	-343.43	
			For Class 54 Rating, Add	234.15	
			For Class 55 Rating, Add	520.45	
40 05 19 00-0752	EA		12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,919.32	477.31
			For Class 52 Rating, Deduct	-351.57	
			For Class 54 Rating, Add	239.71	
			For Class 55 Rating, Add	532.79	
40 05 19 00-0753	EA		12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,997.50	480.03
			For Class 52 Rating, Deduct	-359.72	
			For Class 54 Rating, Add	245.26	
			For Class 55 Rating, Add	545.14	
40 05 19 00-0754	EA		12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,075.67	482.74
			For Class 52 Rating, Deduct	-367.87	
			For Class 54 Rating, Add	250.82	
			For Class 55 Rating, Add	557.49	
40 05 19 00-0755			14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0756	EA		14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,481.76	455.62
			For Class 52 Rating, Deduct	-87.06	
			For Class 54 Rating, Add	59.36	
			For Class 55 Rating, Add	131.93	
40 05 19 00-0757	EA		14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,576.16	458.33
			For Class 52 Rating, Deduct	-96.99	
			For Class 54 Rating, Add	66.13	
			For Class 55 Rating, Add	146.98	
40 05 19 00-0758	EA		14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,670.58	461.05
			For Class 52 Rating, Deduct	-106.92	
			For Class 54 Rating, Add	72.90	
			For Class 55 Rating, Add	162.04	
40 05 19 00-0759	EA		14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,764.99	463.75
			For Class 52 Rating, Deduct	-116.86	
			For Class 54 Rating, Add	79.67	
			For Class 55 Rating, Add	177.09	
40 05 19 00-0760	EA		14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,859.39	466.47
			For Class 52 Rating, Deduct	-126.79	
			For Class 54 Rating, Add	86.45	
			For Class 55 Rating, Add	192.14	
40 05 19 00-0761	EA		14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,953.81	469.18
			For Class 52 Rating, Deduct	-136.72	
			For Class 54 Rating, Add	93.22	
			For Class 55 Rating, Add	207.20	
40 05 19 00-0762	EA		14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,048.22	471.90
			For Class 52 Rating, Deduct	-146.66	
			For Class 54 Rating, Add	99.99	
			For Class 55 Rating, Add	222.25	
40 05 19 00-0763	EA		14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,142.64	474.60
			For Class 52 Rating, Deduct	-156.59	
			For Class 54 Rating, Add	106.77	
			For Class 55 Rating, Add	237.30	
40 05 19 00-0764	EA		14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,237.04	477.31
			For Class 52 Rating, Deduct	-166.52	
			For Class 54 Rating, Add	113.54	
			For Class 55 Rating, Add	252.36	
40 05 19 00-0765	EA		14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,331.47	480.03
			For Class 52 Rating, Deduct	-176.46	
			For Class 54 Rating, Add	120.31	
			For Class 55 Rating, Add	267.41	
40 05 19 00-0766	EA		14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,425.87	482.74
			For Class 52 Rating, Deduct	-186.39	
			For Class 54 Rating, Add	127.08	
			For Class 55 Rating, Add	282.46	
40 05 19 00-0767	EA		14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,520.29	485.45
			For Class 52 Rating, Deduct	-196.32	
			For Class 54 Rating, Add	133.86	
			For Class 55 Rating, Add	297.52	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,614.69	488.16
		<i>For Class 52 Rating, Deduct</i>	-206.26	
		<i>For Class 54 Rating, Add</i>	140.63	
		<i>For Class 55 Rating, Add</i>	312.57	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,709.12	490.88
		<i>For Class 52 Rating, Deduct</i>	-216.19	
		<i>For Class 54 Rating, Add</i>	147.40	
		<i>For Class 55 Rating, Add</i>	327.63	
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,803.52	493.59
		<i>For Class 52 Rating, Deduct</i>	-226.12	
		<i>For Class 54 Rating, Add</i>	154.17	
		<i>For Class 55 Rating, Add</i>	342.68	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,897.92	496.30
		<i>For Class 52 Rating, Deduct</i>	-236.06	
		<i>For Class 54 Rating, Add</i>	160.95	
		<i>For Class 55 Rating, Add</i>	357.73	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,992.35	499.01
		<i>For Class 52 Rating, Deduct</i>	-245.99	
		<i>For Class 54 Rating, Add</i>	167.72	
		<i>For Class 55 Rating, Add</i>	372.79	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,086.75	501.73
		<i>For Class 52 Rating, Deduct</i>	-255.92	
		<i>For Class 54 Rating, Add</i>	174.49	
		<i>For Class 55 Rating, Add</i>	387.84	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,181.17	504.44
		<i>For Class 52 Rating, Deduct</i>	-265.86	
		<i>For Class 54 Rating, Add</i>	181.27	
		<i>For Class 55 Rating, Add</i>	402.89	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,275.58	507.15
		<i>For Class 52 Rating, Deduct</i>	-275.79	
		<i>For Class 54 Rating, Add</i>	188.04	
		<i>For Class 55 Rating, Add</i>	417.95	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,370.00	509.86
		<i>For Class 52 Rating, Deduct</i>	-285.72	
		<i>For Class 54 Rating, Add</i>	194.81	
		<i>For Class 55 Rating, Add</i>	433.00	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,464.40	512.57
		<i>For Class 52 Rating, Deduct</i>	-295.66	
		<i>For Class 54 Rating, Add</i>	201.58	
		<i>For Class 55 Rating, Add</i>	448.05	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,558.82	515.29
		<i>For Class 52 Rating, Deduct</i>	-305.59	
		<i>For Class 54 Rating, Add</i>	208.36	
		<i>For Class 55 Rating, Add</i>	463.11	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,653.23	517.99
		<i>For Class 52 Rating, Deduct</i>	-315.52	
		<i>For Class 54 Rating, Add</i>	215.13	
		<i>For Class 55 Rating, Add</i>	478.16	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,747.64	520.71
		<i>For Class 52 Rating, Deduct</i>	-325.46	
		<i>For Class 54 Rating, Add</i>	221.90	
		<i>For Class 55 Rating, Add</i>	493.21	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,842.05	523.42
		<i>For Class 52 Rating, Deduct</i>	-335.39	
		<i>For Class 54 Rating, Add</i>	228.67	
		<i>For Class 55 Rating, Add</i>	508.27	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,936.47	526.13
		<i>For Class 52 Rating, Deduct</i>	-345.32	
		<i>For Class 54 Rating, Add</i>	235.45	
		<i>For Class 55 Rating, Add</i>	523.32	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,030.88	528.84
		<i>For Class 52 Rating, Deduct</i>	-355.26	
		<i>For Class 54 Rating, Add</i>	242.22	
		<i>For Class 55 Rating, Add</i>	538.37	
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,125.28	531.56
		<i>For Class 52 Rating, Deduct</i>	-365.19	
		<i>For Class 54 Rating, Add</i>	248.99	
		<i>For Class 55 Rating, Add</i>	553.43	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,219.70	534.27
		<i>For Class 52 Rating, Deduct</i>	-375.12	
		<i>For Class 54 Rating, Add</i>	255.77	
		<i>For Class 55 Rating, Add</i>	568.48	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,314.11	536.98
		For Class 52 Rating, Deduct	-385.06	
		For Class 54 Rating, Add	262.54	
		For Class 55 Rating, Add	583.54	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,408.53	539.69
		For Class 52 Rating, Deduct	-394.99	
		For Class 54 Rating, Add	269.31	
		For Class 55 Rating, Add	598.59	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,502.93	542.40
		For Class 52 Rating, Deduct	-404.92	
		For Class 54 Rating, Add	276.08	
		For Class 55 Rating, Add	613.64	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,597.36	545.12
		For Class 52 Rating, Deduct	-414.86	
		For Class 54 Rating, Add	282.86	
		For Class 55 Rating, Add	628.70	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,691.76	547.82
		For Class 52 Rating, Deduct	-424.79	
		For Class 54 Rating, Add	289.63	
		For Class 55 Rating, Add	643.75	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,786.17	550.54
		For Class 52 Rating, Deduct	-434.72	
		For Class 54 Rating, Add	296.40	
		For Class 55 Rating, Add	658.80	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,880.59	553.25
		For Class 52 Rating, Deduct	-444.66	
		For Class 54 Rating, Add	303.17	
		For Class 55 Rating, Add	673.86	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	4,975.00	555.97
		For Class 52 Rating, Deduct	-454.59	
		For Class 54 Rating, Add	309.95	
		For Class 55 Rating, Add	688.91	
40 05 19 00-0794		16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-054)</small>		
40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	1,725.46	520.71
		For Class 52 Rating, Deduct	-103.02	
		For Class 54 Rating, Add	70.24	
		For Class 55 Rating, Add	156.12	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	1,835.10	523.42
		For Class 52 Rating, Deduct	-114.62	
		For Class 54 Rating, Add	78.15	
		For Class 55 Rating, Add	173.71	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	1,944.73	526.13
		For Class 52 Rating, Deduct	-126.23	
		For Class 54 Rating, Add	86.07	
		For Class 55 Rating, Add	191.30	
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,054.36	528.84
		For Class 52 Rating, Deduct	-137.84	
		For Class 54 Rating, Add	93.98	
		For Class 55 Rating, Add	208.89	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,163.98	531.56
		For Class 52 Rating, Deduct	-149.45	
		For Class 54 Rating, Add	101.90	
		For Class 55 Rating, Add	226.48	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,273.63	534.27
		For Class 52 Rating, Deduct	-161.05	
		For Class 54 Rating, Add	109.81	
		For Class 55 Rating, Add	244.07	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,383.25	536.98
		For Class 52 Rating, Deduct	-172.66	
		For Class 54 Rating, Add	117.72	
		For Class 55 Rating, Add	261.66	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,492.89	539.69
		For Class 52 Rating, Deduct	-184.27	
		For Class 54 Rating, Add	125.64	
		For Class 55 Rating, Add	279.25	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
		Pipe	2,602.51	542.40
		For Class 52 Rating, Deduct	-195.88	
		For Class 54 Rating, Add	133.55	
		For Class 55 Rating, Add	296.84	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0804	EA		16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,702.01	545.12
			For Class 52 Rating, Deduct	-206.37	
			For Class 54 Rating, Add	140.71	
			For Class 55 Rating, Add	312.74	
40 05 19 00-0805	EA		16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,821.78	547.82
			For Class 52 Rating, Deduct	-219.09	
			For Class 54 Rating, Add	149.38	
			For Class 55 Rating, Add	332.02	
40 05 19 00-0806	EA		16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,931.41	550.54
			For Class 52 Rating, Deduct	-230.70	
			For Class 54 Rating, Add	157.29	
			For Class 55 Rating, Add	349.61	
40 05 19 00-0807	EA		16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,041.04	553.25
			For Class 52 Rating, Deduct	-242.31	
			For Class 54 Rating, Add	165.21	
			For Class 55 Rating, Add	367.20	
40 05 19 00-0808	EA		16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,150.68	555.97
			For Class 52 Rating, Deduct	-253.91	
			For Class 54 Rating, Add	173.12	
			For Class 55 Rating, Add	384.80	
40 05 19 00-0809	EA		16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,260.31	558.67
			For Class 52 Rating, Deduct	-265.52	
			For Class 54 Rating, Add	181.04	
			For Class 55 Rating, Add	402.39	
40 05 19 00-0810	EA		16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,369.94	561.39
			For Class 52 Rating, Deduct	-277.13	
			For Class 54 Rating, Add	188.95	
			For Class 55 Rating, Add	419.98	
40 05 19 00-0811	EA		16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,479.57	564.10
			For Class 52 Rating, Deduct	-288.74	
			For Class 54 Rating, Add	196.87	
			For Class 55 Rating, Add	437.57	
40 05 19 00-0812	EA		16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,589.20	566.82
			For Class 52 Rating, Deduct	-300.34	
			For Class 54 Rating, Add	204.78	
			For Class 55 Rating, Add	455.16	
40 05 19 00-0813	EA		16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,698.84	569.52
			For Class 52 Rating, Deduct	-311.95	
			For Class 54 Rating, Add	212.69	
			For Class 55 Rating, Add	472.75	
40 05 19 00-0814	EA		16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,808.46	572.23
			For Class 52 Rating, Deduct	-323.56	
			For Class 54 Rating, Add	220.61	
			For Class 55 Rating, Add	490.34	
40 05 19 00-0815	EA		16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,918.10	574.95
			For Class 52 Rating, Deduct	-335.17	
			For Class 54 Rating, Add	228.52	
			For Class 55 Rating, Add	507.93	
40 05 19 00-0816	EA		16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,027.73	577.66
			For Class 52 Rating, Deduct	-346.77	
			For Class 54 Rating, Add	236.44	
			For Class 55 Rating, Add	525.52	
40 05 19 00-0817	EA		16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,137.36	580.37
			For Class 52 Rating, Deduct	-358.38	
			For Class 54 Rating, Add	244.35	
			For Class 55 Rating, Add	543.11	
40 05 19 00-0818	EA		16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,246.99	583.08
			For Class 52 Rating, Deduct	-369.99	
			For Class 54 Rating, Add	252.26	
			For Class 55 Rating, Add	560.70	
40 05 19 00-0819	EA		16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,356.62	585.80
			For Class 52 Rating, Deduct	-381.60	
			For Class 54 Rating, Add	260.18	
			For Class 55 Rating, Add	578.29	
40 05 19 00-0820	EA		16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,466.26	588.51
			For Class 52 Rating, Deduct	-393.20	
			For Class 54 Rating, Add	268.09	
			For Class 55 Rating, Add	595.88	
40 05 19 00-0821	EA		16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,575.89	591.22
			For Class 52 Rating, Deduct	-404.81	
			For Class 54 Rating, Add	276.01	
			For Class 55 Rating, Add	613.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0822	EA		16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,685.52	593.93
			For Class 52 Rating, Deduct	-416.42	
			For Class 54 Rating, Add	283.92	
			For Class 55 Rating, Add	631.06	
40 05 19 00-0823	EA		16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,795.15	596.65
			For Class 52 Rating, Deduct	-428.03	
			For Class 54 Rating, Add	291.84	
			For Class 55 Rating, Add	648.65	
40 05 19 00-0824	EA		16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,904.79	599.36
			For Class 52 Rating, Deduct	-439.63	
			For Class 54 Rating, Add	299.75	
			For Class 55 Rating, Add	666.24	
40 05 19 00-0825	EA		16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,014.41	602.07
			For Class 52 Rating, Deduct	-451.24	
			For Class 54 Rating, Add	307.66	
			For Class 55 Rating, Add	683.84	
40 05 19 00-0826	EA		16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,124.04	604.78
			For Class 52 Rating, Deduct	-462.85	
			For Class 54 Rating, Add	315.58	
			For Class 55 Rating, Add	701.43	
40 05 19 00-0827	EA		16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,233.67	607.49
			For Class 52 Rating, Deduct	-474.46	
			For Class 54 Rating, Add	323.49	
			For Class 55 Rating, Add	719.02	
40 05 19 00-0828	EA		16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,343.31	610.21
			For Class 52 Rating, Deduct	-486.06	
			For Class 54 Rating, Add	331.41	
			For Class 55 Rating, Add	736.61	
40 05 19 00-0829	EA		16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,452.94	612.91
			For Class 52 Rating, Deduct	-497.67	
			For Class 54 Rating, Add	339.32	
			For Class 55 Rating, Add	754.20	
40 05 19 00-0830	EA		16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,562.57	615.63
			For Class 52 Rating, Deduct	-509.28	
			For Class 54 Rating, Add	347.24	
			For Class 55 Rating, Add	771.79	
40 05 19 00-0831	EA		16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,672.20	618.34
			For Class 52 Rating, Deduct	-520.89	
			For Class 54 Rating, Add	355.15	
			For Class 55 Rating, Add	789.38	
40 05 19 00-0832	EA		16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,781.84	621.06
			For Class 52 Rating, Deduct	-532.49	
			For Class 54 Rating, Add	363.06	
			For Class 55 Rating, Add	806.97	
40 05 19 00-0833			18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)		
40 05 19 00-0834	EA		18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,000.25	586.89
			For Class 52 Rating, Deduct	-122.21	
			For Class 54 Rating, Add	83.33	
			For Class 55 Rating, Add	185.21	
40 05 19 00-0835	EA		18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,126.11	589.60
			For Class 52 Rating, Deduct	-135.61	
			For Class 54 Rating, Add	92.46	
			For Class 55 Rating, Add	205.51	
40 05 19 00-0836	EA		18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,251.97	592.30
			For Class 52 Rating, Deduct	-149.00	
			For Class 54 Rating, Add	101.59	
			For Class 55 Rating, Add	225.80	
40 05 19 00-0837	EA		18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,377.84	595.02
			For Class 52 Rating, Deduct	-162.39	
			For Class 54 Rating, Add	110.72	
			For Class 55 Rating, Add	246.10	
40 05 19 00-0838	EA		18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,503.71	597.73
			For Class 52 Rating, Deduct	-175.79	
			For Class 54 Rating, Add	119.85	
			For Class 55 Rating, Add	266.40	
40 05 19 00-0839	EA		18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,629.57	600.45
			For Class 52 Rating, Deduct	-189.18	
			For Class 54 Rating, Add	128.99	
			For Class 55 Rating, Add	286.69	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-0840	EA		18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,755.44	603.15
			<i>For Class 52 Rating, Deduct</i>	-202.57	
			<i>For Class 54 Rating, Add</i>	138.12	
			<i>For Class 55 Rating, Add</i>	306.99	
40 05 19 00-0841	EA		18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,881.31	605.87
			<i>For Class 52 Rating, Deduct</i>	-215.97	
			<i>For Class 54 Rating, Add</i>	147.25	
			<i>For Class 55 Rating, Add</i>	327.29	
40 05 19 00-0842	EA		18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,007.17	608.58
			<i>For Class 52 Rating, Deduct</i>	-229.36	
			<i>For Class 54 Rating, Add</i>	156.38	
			<i>For Class 55 Rating, Add</i>	347.58	
40 05 19 00-0843	EA		18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,133.04	611.30
			<i>For Class 52 Rating, Deduct</i>	-242.75	
			<i>For Class 54 Rating, Add</i>	165.51	
			<i>For Class 55 Rating, Add</i>	367.88	
40 05 19 00-0844	EA		18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,258.90	614.00
			<i>For Class 52 Rating, Deduct</i>	-256.15	
			<i>For Class 54 Rating, Add</i>	174.65	
			<i>For Class 55 Rating, Add</i>	388.18	
40 05 19 00-0845	EA		18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,384.78	616.72
			<i>For Class 52 Rating, Deduct</i>	-269.54	
			<i>For Class 54 Rating, Add</i>	183.78	
			<i>For Class 55 Rating, Add</i>	408.48	
40 05 19 00-0846	EA		18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,510.63	619.43
			<i>For Class 52 Rating, Deduct</i>	-282.93	
			<i>For Class 54 Rating, Add</i>	192.91	
			<i>For Class 55 Rating, Add</i>	428.77	
40 05 19 00-0847	EA		18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,636.51	622.14
			<i>For Class 52 Rating, Deduct</i>	-296.33	
			<i>For Class 54 Rating, Add</i>	202.04	
			<i>For Class 55 Rating, Add</i>	449.07	
40 05 19 00-0848	EA		18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,762.37	624.85
			<i>For Class 52 Rating, Deduct</i>	-309.72	
			<i>For Class 54 Rating, Add</i>	211.17	
			<i>For Class 55 Rating, Add</i>	469.37	
40 05 19 00-0849	EA		18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,888.23	627.56
			<i>For Class 52 Rating, Deduct</i>	-323.11	
			<i>For Class 54 Rating, Add</i>	220.30	
			<i>For Class 55 Rating, Add</i>	489.66	
40 05 19 00-0850	EA		18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,014.10	630.28
			<i>For Class 52 Rating, Deduct</i>	-336.51	
			<i>For Class 54 Rating, Add</i>	229.44	
			<i>For Class 55 Rating, Add</i>	509.96	
40 05 19 00-0851	EA		18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,139.97	632.99
			<i>For Class 52 Rating, Deduct</i>	-349.90	
			<i>For Class 54 Rating, Add</i>	238.57	
			<i>For Class 55 Rating, Add</i>	530.26	
40 05 19 00-0852	EA		18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,265.83	635.70
			<i>For Class 52 Rating, Deduct</i>	-363.29	
			<i>For Class 54 Rating, Add</i>	247.70	
			<i>For Class 55 Rating, Add</i>	550.55	
40 05 19 00-0853	EA		18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,391.69	638.41
			<i>For Class 52 Rating, Deduct</i>	-376.69	
			<i>For Class 54 Rating, Add</i>	256.83	
			<i>For Class 55 Rating, Add</i>	570.85	
40 05 19 00-0854	EA		18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,517.57	641.13
			<i>For Class 52 Rating, Deduct</i>	-390.08	
			<i>For Class 54 Rating, Add</i>	265.96	
			<i>For Class 55 Rating, Add</i>	591.15	
40 05 19 00-0855	EA		18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,643.42	643.84
			<i>For Class 52 Rating, Deduct</i>	-403.47	
			<i>For Class 54 Rating, Add</i>	275.09	
			<i>For Class 55 Rating, Add</i>	611.44	
40 05 19 00-0856	EA		18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,769.30	646.55
			<i>For Class 52 Rating, Deduct</i>	-416.86	
			<i>For Class 54 Rating, Add</i>	284.23	
			<i>For Class 55 Rating, Add</i>	631.74	
40 05 19 00-0857	EA		18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,895.16	649.26
			<i>For Class 52 Rating, Deduct</i>	-430.26	
			<i>For Class 54 Rating, Add</i>	293.36	
			<i>For Class 55 Rating, Add</i>	652.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0858	EA		18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,021.03	651.98
			For Class 52 Rating, Deduct	-443.65	
			For Class 54 Rating, Add	302.49	
			For Class 55 Rating, Add	672.33	
40 05 19 00-0859	EA		18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,146.89	654.69
			For Class 52 Rating, Deduct	-457.04	
			For Class 54 Rating, Add	311.62	
			For Class 55 Rating, Add	692.63	
40 05 19 00-0860	EA		18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,272.77	657.39
			For Class 52 Rating, Deduct	-470.44	
			For Class 54 Rating, Add	320.75	
			For Class 55 Rating, Add	712.93	
40 05 19 00-0861	EA		18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,398.62	660.11
			For Class 52 Rating, Deduct	-483.83	
			For Class 54 Rating, Add	329.88	
			For Class 55 Rating, Add	733.22	
40 05 19 00-0862	EA		18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,524.48	662.82
			For Class 52 Rating, Deduct	-497.22	
			For Class 54 Rating, Add	339.02	
			For Class 55 Rating, Add	753.52	
40 05 19 00-0863	EA		18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,650.36	665.54
			For Class 52 Rating, Deduct	-510.62	
			For Class 54 Rating, Add	348.15	
			For Class 55 Rating, Add	773.82	
40 05 19 00-0864	EA		18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,776.21	668.24
			For Class 52 Rating, Deduct	-524.01	
			For Class 54 Rating, Add	357.28	
			For Class 55 Rating, Add	794.11	
40 05 19 00-0865	EA		18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,902.09	670.96
			For Class 52 Rating, Deduct	-537.40	
			For Class 54 Rating, Add	366.41	
			For Class 55 Rating, Add	814.41	
40 05 19 00-0866	EA		18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,027.95	673.67
			For Class 52 Rating, Deduct	-550.80	
			For Class 54 Rating, Add	375.54	
			For Class 55 Rating, Add	834.71	
40 05 19 00-0867	EA		18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,153.83	676.39
			For Class 52 Rating, Deduct	-564.19	
			For Class 54 Rating, Add	384.68	
			For Class 55 Rating, Add	855.01	
40 05 19 00-0868	EA		18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,279.68	679.09
			For Class 52 Rating, Deduct	-577.58	
			For Class 54 Rating, Add	393.81	
			For Class 55 Rating, Add	875.30	
40 05 19 00-0869	EA		18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,405.56	681.81
			For Class 52 Rating, Deduct	-590.98	
			For Class 54 Rating, Add	402.94	
			For Class 55 Rating, Add	895.60	
40 05 19 00-0870	EA		18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,531.42	684.52
			For Class 52 Rating, Deduct	-604.37	
			For Class 54 Rating, Add	412.07	
			For Class 55 Rating, Add	915.90	
40 05 19 00-0871	EA		18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,657.29	687.23
			For Class 52 Rating, Deduct	-617.76	
			For Class 54 Rating, Add	421.20	
			For Class 55 Rating, Add	936.19	
40 05 19 00-0872			20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)		
40 05 19 00-0873	EA		20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,312.67	669.87
			For Class 52 Rating, Deduct	-142.75	
			For Class 54 Rating, Add	97.33	
			For Class 55 Rating, Add	216.33	
40 05 19 00-0874	EA		20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,456.81	672.58
			For Class 52 Rating, Deduct	-158.15	
			For Class 54 Rating, Add	107.83	
			For Class 55 Rating, Add	239.67	
40 05 19 00-0875	EA		20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,600.94	675.29
			For Class 52 Rating, Deduct	-173.55	
			For Class 54 Rating, Add	118.33	
			For Class 55 Rating, Add	263.01	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,745.07	678.00
		For Class 52 Rating, Deduct	-188.96	
		For Class 54 Rating, Add	128.83	
		For Class 55 Rating, Add	286.36	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,889.20	680.72
		For Class 52 Rating, Deduct	-204.36	
		For Class 54 Rating, Add	139.34	
		For Class 55 Rating, Add	309.70	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,033.33	683.43
		For Class 52 Rating, Deduct	-219.76	
		For Class 54 Rating, Add	149.84	
		For Class 55 Rating, Add	333.04	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,177.46	686.14
		For Class 52 Rating, Deduct	-235.16	
		For Class 54 Rating, Add	160.34	
		For Class 55 Rating, Add	356.38	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,321.58	688.85
		For Class 52 Rating, Deduct	-250.57	
		For Class 54 Rating, Add	170.84	
		For Class 55 Rating, Add	379.72	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,465.72	691.57
		For Class 52 Rating, Deduct	-265.97	
		For Class 54 Rating, Add	181.34	
		For Class 55 Rating, Add	403.06	
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,609.84	694.28
		For Class 52 Rating, Deduct	-281.37	
		For Class 54 Rating, Add	191.84	
		For Class 55 Rating, Add	426.40	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,753.98	696.99
		For Class 52 Rating, Deduct	-296.77	
		For Class 54 Rating, Add	202.34	
		For Class 55 Rating, Add	449.74	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,898.10	699.70
		For Class 52 Rating, Deduct	-312.17	
		For Class 54 Rating, Add	212.85	
		For Class 55 Rating, Add	473.09	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,042.24	702.41
		For Class 52 Rating, Deduct	-327.58	
		For Class 54 Rating, Add	223.35	
		For Class 55 Rating, Add	496.43	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,186.36	705.13
		For Class 52 Rating, Deduct	-342.98	
		For Class 54 Rating, Add	233.85	
		For Class 55 Rating, Add	519.77	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,330.50	707.83
		For Class 52 Rating, Deduct	-358.38	
		For Class 54 Rating, Add	244.35	
		For Class 55 Rating, Add	543.11	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,474.62	710.55
		For Class 52 Rating, Deduct	-373.78	
		For Class 54 Rating, Add	254.85	
		For Class 55 Rating, Add	566.45	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,618.74	713.26
		For Class 52 Rating, Deduct	-389.19	
		For Class 54 Rating, Add	265.35	
		For Class 55 Rating, Add	589.79	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,762.88	715.98
		For Class 52 Rating, Deduct	-404.59	
		For Class 54 Rating, Add	275.86	
		For Class 55 Rating, Add	613.13	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,907.00	718.68
		For Class 52 Rating, Deduct	-419.99	
		For Class 54 Rating, Add	286.36	
		For Class 55 Rating, Add	636.48	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,051.14	721.40
		For Class 52 Rating, Deduct	-435.39	
		For Class 54 Rating, Add	296.86	
		For Class 55 Rating, Add	659.82	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,195.26	724.11
		For Class 52 Rating, Deduct	-450.79	
		For Class 54 Rating, Add	307.36	
		For Class 55 Rating, Add	683.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0894 EA 20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,339.40	726.83
For Class 52 Rating, Deduct	-466.20	
For Class 54 Rating, Add	317.86	
For Class 55 Rating, Add	706.50	
40 05 19 00-0895 EA 20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,483.52	729.53
For Class 52 Rating, Deduct	-481.60	
For Class 54 Rating, Add	328.36	
For Class 55 Rating, Add	729.84	
40 05 19 00-0896 EA 20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,627.66	732.24
For Class 52 Rating, Deduct	-497.00	
For Class 54 Rating, Add	338.86	
For Class 55 Rating, Add	753.18	
40 05 19 00-0897 EA 20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,771.78	734.96
For Class 52 Rating, Deduct	-512.40	
For Class 54 Rating, Add	349.37	
For Class 55 Rating, Add	776.52	
40 05 19 00-0898 EA 20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,915.92	737.67
For Class 52 Rating, Deduct	-527.81	
For Class 54 Rating, Add	359.87	
For Class 55 Rating, Add	799.86	
40 05 19 00-0899 EA 20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,060.04	740.38
For Class 52 Rating, Deduct	-543.21	
For Class 54 Rating, Add	370.37	
For Class 55 Rating, Add	823.21	
40 05 19 00-0900 EA 20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,204.17	743.09
For Class 52 Rating, Deduct	-558.61	
For Class 54 Rating, Add	380.87	
For Class 55 Rating, Add	846.55	
40 05 19 00-0901 EA 20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,348.30	745.81
For Class 52 Rating, Deduct	-574.01	
For Class 54 Rating, Add	391.37	
For Class 55 Rating, Add	869.89	
40 05 19 00-0902 EA 20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,492.42	748.52
For Class 52 Rating, Deduct	-589.41	
For Class 54 Rating, Add	401.87	
For Class 55 Rating, Add	893.23	
40 05 19 00-0903 EA 20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,636.56	751.23
For Class 52 Rating, Deduct	-604.82	
For Class 54 Rating, Add	412.37	
For Class 55 Rating, Add	916.57	
40 05 19 00-0904 EA 20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,780.68	753.94
For Class 52 Rating, Deduct	-620.22	
For Class 54 Rating, Add	422.88	
For Class 55 Rating, Add	939.91	
40 05 19 00-0905 EA 20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,924.82	756.66
For Class 52 Rating, Deduct	-635.62	
For Class 54 Rating, Add	433.38	
For Class 55 Rating, Add	963.25	
40 05 19 00-0906 EA 20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,068.95	759.37
For Class 52 Rating, Deduct	-651.02	
For Class 54 Rating, Add	443.88	
For Class 55 Rating, Add	986.60	
40 05 19 00-0907 EA 20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,213.09	762.07
For Class 52 Rating, Deduct	-666.43	
For Class 54 Rating, Add	454.38	
For Class 55 Rating, Add	1,009.94	
40 05 19 00-0908 EA 20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,357.21	764.79
For Class 52 Rating, Deduct	-681.83	
For Class 54 Rating, Add	464.88	
For Class 55 Rating, Add	1,033.28	
40 05 19 00-0909 EA 20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,501.34	767.50
For Class 52 Rating, Deduct	-697.23	
For Class 54 Rating, Add	475.38	
For Class 55 Rating, Add	1,056.62	
40 05 19 00-0910 EA 20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,645.47	770.22
For Class 52 Rating, Deduct	-712.63	
For Class 54 Rating, Add	485.89	
For Class 55 Rating, Add	1,079.96	
40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,839.53	791.91
		For Class 52 Rating, Deduct	-180.36	
		For Class 54 Rating, Add	122.97	
		For Class 55 Rating, Add	273.33	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,017.13	794.62
		For Class 52 Rating, Deduct	-199.45	
		For Class 54 Rating, Add	135.99	
		For Class 55 Rating, Add	302.25	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,194.75	797.33
		For Class 52 Rating, Deduct	-218.53	
		For Class 54 Rating, Add	149.00	
		For Class 55 Rating, Add	331.18	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.36	800.05
		For Class 52 Rating, Deduct	-237.62	
		For Class 54 Rating, Add	162.01	
		For Class 55 Rating, Add	360.10	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,549.97	802.75
		For Class 52 Rating, Deduct	-256.70	
		For Class 54 Rating, Add	175.03	
		For Class 55 Rating, Add	389.02	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,727.59	805.47
		For Class 52 Rating, Deduct	-275.79	
		For Class 54 Rating, Add	188.04	
		For Class 55 Rating, Add	417.95	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,905.20	808.18
		For Class 52 Rating, Deduct	-294.87	
		For Class 54 Rating, Add	201.05	
		For Class 55 Rating, Add	446.87	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,082.81	810.90
		For Class 52 Rating, Deduct	-313.96	
		For Class 54 Rating, Add	214.06	
		For Class 55 Rating, Add	475.79	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,260.43	813.60
		For Class 52 Rating, Deduct	-333.05	
		For Class 54 Rating, Add	227.08	
		For Class 55 Rating, Add	504.72	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,438.04	816.32
		For Class 52 Rating, Deduct	-352.13	
		For Class 54 Rating, Add	240.09	
		For Class 55 Rating, Add	533.64	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,615.64	819.03
		For Class 52 Rating, Deduct	-371.22	
		For Class 54 Rating, Add	253.10	
		For Class 55 Rating, Add	562.56	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,793.26	821.75
		For Class 52 Rating, Deduct	-390.30	
		For Class 54 Rating, Add	266.12	
		For Class 55 Rating, Add	591.48	
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,970.87	824.45
		For Class 52 Rating, Deduct	-409.39	
		For Class 54 Rating, Add	279.13	
		For Class 55 Rating, Add	620.41	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,148.48	827.16
		For Class 52 Rating, Deduct	-428.47	
		For Class 54 Rating, Add	292.14	
		For Class 55 Rating, Add	649.33	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,326.10	829.88
		For Class 52 Rating, Deduct	-447.56	
		For Class 54 Rating, Add	305.15	
		For Class 55 Rating, Add	678.25	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,503.71	832.59
		For Class 52 Rating, Deduct	-466.64	
		For Class 54 Rating, Add	318.17	
		For Class 55 Rating, Add	707.18	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,681.32	835.30
		For Class 52 Rating, Deduct	-485.73	
		For Class 54 Rating, Add	331.18	
		For Class 55 Rating, Add	736.10	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,858.94	838.01
		For Class 52 Rating, Deduct	-504.81	
		For Class 54 Rating, Add	344.19	
		For Class 55 Rating, Add	765.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0930 EA 24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,036.55	840.73
For Class 52 Rating, Deduct	-523.90	
For Class 54 Rating, Add	357.20	
For Class 55 Rating, Add	793.95	
40 05 19 00-0931 EA 24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,214.16	843.44
For Class 52 Rating, Deduct	-542.98	
For Class 54 Rating, Add	370.22	
For Class 55 Rating, Add	822.87	
40 05 19 00-0932 EA 24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,391.78	846.15
For Class 52 Rating, Deduct	-562.07	
For Class 54 Rating, Add	383.23	
For Class 55 Rating, Add	851.79	
40 05 19 00-0933 EA 24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,569.39	848.86
For Class 52 Rating, Deduct	-581.16	
For Class 54 Rating, Add	396.24	
For Class 55 Rating, Add	880.71	
40 05 19 00-0934 EA 24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,746.99	851.58
For Class 52 Rating, Deduct	-600.24	
For Class 54 Rating, Add	409.25	
For Class 55 Rating, Add	909.64	
40 05 19 00-0935 EA 24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,924.61	854.29
For Class 52 Rating, Deduct	-619.33	
For Class 54 Rating, Add	422.27	
For Class 55 Rating, Add	938.56	
40 05 19 00-0936 EA 24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,102.22	857.00
For Class 52 Rating, Deduct	-638.41	
For Class 54 Rating, Add	435.28	
For Class 55 Rating, Add	967.48	
40 05 19 00-0937 EA 24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,279.83	859.71
For Class 52 Rating, Deduct	-657.50	
For Class 54 Rating, Add	448.29	
For Class 55 Rating, Add	996.41	
40 05 19 00-0938 EA 24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,457.45	862.42
For Class 52 Rating, Deduct	-676.58	
For Class 54 Rating, Add	461.31	
For Class 55 Rating, Add	1,025.33	
40 05 19 00-0939 EA 24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,635.06	865.14
For Class 52 Rating, Deduct	-695.67	
For Class 54 Rating, Add	474.32	
For Class 55 Rating, Add	1,054.25	
40 05 19 00-0940 EA 24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,812.67	867.84
For Class 52 Rating, Deduct	-714.75	
For Class 54 Rating, Add	487.33	
For Class 55 Rating, Add	1,083.17	
40 05 19 00-0941 EA 24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,060.14	916.67
For Class 52 Rating, Deduct	-733.84	
For Class 54 Rating, Add	500.34	
For Class 55 Rating, Add	1,112.10	
40 05 19 00-0942 EA 24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,237.76	919.37
For Class 52 Rating, Deduct	-752.92	
For Class 54 Rating, Add	513.36	
For Class 55 Rating, Add	1,141.02	
40 05 19 00-0943 EA 24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,415.36	922.08
For Class 52 Rating, Deduct	-772.01	
For Class 54 Rating, Add	526.37	
For Class 55 Rating, Add	1,169.94	
40 05 19 00-0944 EA 24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,592.98	924.80
For Class 52 Rating, Deduct	-791.09	
For Class 54 Rating, Add	539.38	
For Class 55 Rating, Add	1,198.87	
40 05 19 00-0945 EA 24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,770.59	927.51
For Class 52 Rating, Deduct	-810.18	
For Class 54 Rating, Add	552.40	
For Class 55 Rating, Add	1,227.79	
40 05 19 00-0946 EA 24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,948.20	930.22
For Class 52 Rating, Deduct	-829.27	
For Class 54 Rating, Add	565.41	
For Class 55 Rating, Add	1,256.71	
40 05 19 00-0947 EA 24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,125.82	932.93
For Class 52 Rating, Deduct	-848.35	
For Class 54 Rating, Add	578.42	
For Class 55 Rating, Add	1,285.64	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,303.42	935.65
		For Class 52 Rating, Deduct	-867.44	
		For Class 54 Rating, Add	591.43	
		For Class 55 Rating, Add	1,314.56	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,481.05	938.36
		For Class 52 Rating, Deduct	-886.52	
		For Class 54 Rating, Add	604.45	
		For Class 55 Rating, Add	1,343.48	
40 05 19 00-0950		30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0954)</small>		
40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,310.73	1,117.35
		For Class 52 Rating, Deduct	-287.95	
		For Class 54 Rating, Add	196.33	
		For Class 55 Rating, Add	436.38	
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,565.46	1,120.07
		For Class 52 Rating, Deduct	-315.52	
		For Class 54 Rating, Add	215.13	
		For Class 55 Rating, Add	478.16	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,820.17	1,122.77
		For Class 52 Rating, Deduct	-343.09	
		For Class 54 Rating, Add	233.93	
		For Class 55 Rating, Add	519.94	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,074.91	1,125.49
		For Class 52 Rating, Deduct	-370.66	
		For Class 54 Rating, Add	252.72	
		For Class 55 Rating, Add	561.72	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,329.63	1,128.20
		For Class 52 Rating, Deduct	-398.23	
		For Class 54 Rating, Add	271.52	
		For Class 55 Rating, Add	603.49	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,584.36	1,130.92
		For Class 52 Rating, Deduct	-425.79	
		For Class 54 Rating, Add	290.31	
		For Class 55 Rating, Add	645.27	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,839.08	1,133.62
		For Class 52 Rating, Deduct	-453.36	
		For Class 54 Rating, Add	309.11	
		For Class 55 Rating, Add	687.05	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,093.80	1,136.34
		For Class 52 Rating, Deduct	-480.93	
		For Class 54 Rating, Add	327.91	
		For Class 55 Rating, Add	728.83	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,348.53	1,139.05
		For Class 52 Rating, Deduct	-508.50	
		For Class 54 Rating, Add	346.70	
		For Class 55 Rating, Add	770.60	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,603.26	1,141.77
		For Class 52 Rating, Deduct	-536.07	
		For Class 54 Rating, Add	365.50	
		For Class 55 Rating, Add	812.38	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,857.98	1,144.47
		For Class 52 Rating, Deduct	-563.63	
		For Class 54 Rating, Add	384.29	
		For Class 55 Rating, Add	854.16	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,112.71	1,147.18
		For Class 52 Rating, Deduct	-591.20	
		For Class 54 Rating, Add	403.09	
		For Class 55 Rating, Add	895.94	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,367.43	1,149.90
		For Class 52 Rating, Deduct	-618.77	
		For Class 54 Rating, Add	421.89	
		For Class 55 Rating, Add	937.71	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,622.15	1,152.61
		For Class 52 Rating, Deduct	-646.34	
		For Class 54 Rating, Add	440.68	
		For Class 55 Rating, Add	979.49	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,876.89	1,155.32
		For Class 52 Rating, Deduct	-673.90	
		For Class 54 Rating, Add	459.48	
		For Class 55 Rating, Add	1,021.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966 EA 30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,131.60	1,158.03
For Class 52 Rating, Deduct	-701.47	
For Class 54 Rating, Add	478.28	
For Class 55 Rating, Add	1,063.05	
40 05 19 00-0967 EA 30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,386.34	1,160.75
For Class 52 Rating, Deduct	-729.04	
For Class 54 Rating, Add	497.07	
For Class 55 Rating, Add	1,104.83	
40 05 19 00-0968 EA 30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,641.05	1,163.45
For Class 52 Rating, Deduct	-756.61	
For Class 54 Rating, Add	515.87	
For Class 55 Rating, Add	1,146.60	
40 05 19 00-0969 EA 30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,895.79	1,166.17
For Class 52 Rating, Deduct	-784.17	
For Class 54 Rating, Add	534.66	
For Class 55 Rating, Add	1,188.38	
40 05 19 00-0970 EA 30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,150.51	1,168.88
For Class 52 Rating, Deduct	-811.74	
For Class 54 Rating, Add	553.46	
For Class 55 Rating, Add	1,230.16	
40 05 19 00-0971 EA 30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,405.23	1,171.60
For Class 52 Rating, Deduct	-839.31	
For Class 54 Rating, Add	572.26	
For Class 55 Rating, Add	1,271.94	
40 05 19 00-0972 EA 30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,659.96	1,174.30
For Class 52 Rating, Deduct	-866.88	
For Class 54 Rating, Add	591.05	
For Class 55 Rating, Add	1,313.71	
40 05 19 00-0973 EA 30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,914.67	1,177.01
For Class 52 Rating, Deduct	-894.45	
For Class 54 Rating, Add	609.85	
For Class 55 Rating, Add	1,355.49	
40 05 19 00-0974 EA 30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,169.41	1,179.73
For Class 52 Rating, Deduct	-922.01	
For Class 54 Rating, Add	628.65	
For Class 55 Rating, Add	1,397.27	
40 05 19 00-0975 EA 30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,424.13	1,182.44
For Class 52 Rating, Deduct	-949.58	
For Class 54 Rating, Add	647.44	
For Class 55 Rating, Add	1,439.05	
40 05 19 00-0976 EA 30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,678.86	1,185.15
For Class 52 Rating, Deduct	-977.15	
For Class 54 Rating, Add	666.24	
For Class 55 Rating, Add	1,480.82	
40 05 19 00-0977 EA 30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,933.58	1,187.86
For Class 52 Rating, Deduct	-1,004.72	
For Class 54 Rating, Add	685.03	
For Class 55 Rating, Add	1,522.60	
40 05 19 00-0978 EA 30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,188.32	1,190.58
For Class 52 Rating, Deduct	-1,032.29	
For Class 54 Rating, Add	703.83	
For Class 55 Rating, Add	1,564.38	
40 05 19 00-0979 EA 30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,443.03	1,193.29
For Class 52 Rating, Deduct	-1,059.85	
For Class 54 Rating, Add	722.63	
For Class 55 Rating, Add	1,606.16	
40 05 19 00-0980 EA 30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,697.77	1,196.00
For Class 52 Rating, Deduct	-1,087.42	
For Class 54 Rating, Add	741.42	
For Class 55 Rating, Add	1,647.94	
40 05 19 00-0981 EA 30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,952.48	1,198.71
For Class 52 Rating, Deduct	-1,114.99	
For Class 54 Rating, Add	760.22	
For Class 55 Rating, Add	1,689.71	
40 05 19 00-0982 EA 30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,207.22	1,201.43
For Class 52 Rating, Deduct	-1,142.56	
For Class 54 Rating, Add	779.02	
For Class 55 Rating, Add	1,731.49	
40 05 19 00-0983 EA 30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,461.94	1,204.14
For Class 52 Rating, Deduct	-1,170.12	
For Class 54 Rating, Add	797.81	
For Class 55 Rating, Add	1,773.27	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,716.65	1,206.85
		<i>For Class 52 Rating, Deduct</i>	-1,197.69	
		<i>For Class 54 Rating, Add</i>	816.61	
		<i>For Class 55 Rating, Add</i>	1,815.05	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,971.39	1,209.56
		<i>For Class 52 Rating, Deduct</i>	-1,225.26	
		<i>For Class 54 Rating, Add</i>	835.40	
		<i>For Class 55 Rating, Add</i>	1,856.82	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,226.10	1,212.27
		<i>For Class 52 Rating, Deduct</i>	-1,252.83	
		<i>For Class 54 Rating, Add</i>	854.20	
		<i>For Class 55 Rating, Add</i>	1,898.60	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,480.84	1,214.99
		<i>For Class 52 Rating, Deduct</i>	-1,280.39	
		<i>For Class 54 Rating, Add</i>	873.00	
		<i>For Class 55 Rating, Add</i>	1,940.38	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,735.56	1,217.69
		<i>For Class 52 Rating, Deduct</i>	-1,307.96	
		<i>For Class 54 Rating, Add</i>	891.79	
		<i>For Class 55 Rating, Add</i>	1,982.16	
40 05 19 00-0989		36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,835.21	1,415.68
		<i>For Class 52 Rating, Deduct</i>	-405.93	
		<i>For Class 54 Rating, Add</i>	276.77	
		<i>For Class 55 Rating, Add</i>	615.16	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,180.23	1,418.38
		<i>For Class 52 Rating, Deduct</i>	-443.43	
		<i>For Class 54 Rating, Add</i>	302.34	
		<i>For Class 55 Rating, Add</i>	671.99	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,525.26	1,421.10
		<i>For Class 52 Rating, Deduct</i>	-480.93	
		<i>For Class 54 Rating, Add</i>	327.91	
		<i>For Class 55 Rating, Add</i>	728.83	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,870.28	1,423.81
		<i>For Class 52 Rating, Deduct</i>	-518.43	
		<i>For Class 54 Rating, Add</i>	353.48	
		<i>For Class 55 Rating, Add</i>	785.66	
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,215.32	1,426.53
		<i>For Class 52 Rating, Deduct</i>	-555.93	
		<i>For Class 54 Rating, Add</i>	379.04	
		<i>For Class 55 Rating, Add</i>	842.49	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,560.34	1,429.23
		<i>For Class 52 Rating, Deduct</i>	-593.43	
		<i>For Class 54 Rating, Add</i>	404.61	
		<i>For Class 55 Rating, Add</i>	899.32	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,905.38	1,431.94
		<i>For Class 52 Rating, Deduct</i>	-630.93	
		<i>For Class 54 Rating, Add</i>	430.18	
		<i>For Class 55 Rating, Add</i>	956.15	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,250.40	1,434.66
		<i>For Class 52 Rating, Deduct</i>	-668.43	
		<i>For Class 54 Rating, Add</i>	455.75	
		<i>For Class 55 Rating, Add</i>	1,012.98	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,595.44	1,437.37
		<i>For Class 52 Rating, Deduct</i>	-705.94	
		<i>For Class 54 Rating, Add</i>	481.32	
		<i>For Class 55 Rating, Add</i>	1,069.81	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,940.46	1,440.08
		<i>For Class 52 Rating, Deduct</i>	-743.44	
		<i>For Class 54 Rating, Add</i>	506.89	
		<i>For Class 55 Rating, Add</i>	1,126.65	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,285.50	1,442.79
		<i>For Class 52 Rating, Deduct</i>	-780.94	
		<i>For Class 54 Rating, Add</i>	532.46	
		<i>For Class 55 Rating, Add</i>	1,183.48	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,630.52	1,445.51
		<i>For Class 52 Rating, Deduct</i>	-818.44	
		<i>For Class 54 Rating, Add</i>	558.03	
		<i>For Class 55 Rating, Add</i>	1,240.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1002	EA		36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,975.55	1,448.22
			<i>For Class 52 Rating, Deduct</i>	-855.94	
			<i>For Class 54 Rating, Add</i>	583.60	
			<i>For Class 55 Rating, Add</i>	1,297.14	
40 05 19 00-1003	EA		36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,320.57	1,450.93
			<i>For Class 52 Rating, Deduct</i>	-893.44	
			<i>For Class 54 Rating, Add</i>	609.16	
			<i>For Class 55 Rating, Add</i>	1,353.97	
40 05 19 00-1004	EA		36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,665.59	1,453.64
			<i>For Class 52 Rating, Deduct</i>	-930.94	
			<i>For Class 54 Rating, Add</i>	634.73	
			<i>For Class 55 Rating, Add</i>	1,410.80	
40 05 19 00-1005	EA		36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,010.63	1,456.36
			<i>For Class 52 Rating, Deduct</i>	-968.44	
			<i>For Class 54 Rating, Add</i>	660.30	
			<i>For Class 55 Rating, Add</i>	1,467.63	
40 05 19 00-1006	EA		36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,355.65	1,459.07
			<i>For Class 52 Rating, Deduct</i>	-1,005.94	
			<i>For Class 54 Rating, Add</i>	685.87	
			<i>For Class 55 Rating, Add</i>	1,524.46	
40 05 19 00-1007	EA		36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,700.69	1,461.77
			<i>For Class 52 Rating, Deduct</i>	-1,043.45	
			<i>For Class 54 Rating, Add</i>	711.44	
			<i>For Class 55 Rating, Add</i>	1,581.29	
40 05 19 00-1008	EA		36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,045.71	1,464.49
			<i>For Class 52 Rating, Deduct</i>	-1,080.95	
			<i>For Class 54 Rating, Add</i>	737.01	
			<i>For Class 55 Rating, Add</i>	1,638.13	
40 05 19 00-1009	EA		36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,390.75	1,467.20
			<i>For Class 52 Rating, Deduct</i>	-1,118.45	
			<i>For Class 54 Rating, Add</i>	762.58	
			<i>For Class 55 Rating, Add</i>	1,694.96	
40 05 19 00-1010	EA		36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,735.77	1,469.92
			<i>For Class 52 Rating, Deduct</i>	-1,155.95	
			<i>For Class 54 Rating, Add</i>	788.15	
			<i>For Class 55 Rating, Add</i>	1,751.79	
40 05 19 00-1011	EA		36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,080.81	1,472.62
			<i>For Class 52 Rating, Deduct</i>	-1,193.45	
			<i>For Class 54 Rating, Add</i>	813.72	
			<i>For Class 55 Rating, Add</i>	1,808.62	
40 05 19 00-1012	EA		36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,425.82	1,475.34
			<i>For Class 52 Rating, Deduct</i>	-1,230.95	
			<i>For Class 54 Rating, Add</i>	839.28	
			<i>For Class 55 Rating, Add</i>	1,865.45	
40 05 19 00-1013	EA		36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,770.85	1,478.05
			<i>For Class 52 Rating, Deduct</i>	-1,268.45	
			<i>For Class 54 Rating, Add</i>	864.85	
			<i>For Class 55 Rating, Add</i>	1,922.28	
40 05 19 00-1014	EA		36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,115.88	1,480.77
			<i>For Class 52 Rating, Deduct</i>	-1,305.95	
			<i>For Class 54 Rating, Add</i>	890.42	
			<i>For Class 55 Rating, Add</i>	1,979.11	
40 05 19 00-1015	EA		36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,460.91	1,483.47
			<i>For Class 52 Rating, Deduct</i>	-1,343.45	
			<i>For Class 54 Rating, Add</i>	915.99	
			<i>For Class 55 Rating, Add</i>	2,035.94	
40 05 19 00-1016	EA		36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,805.94	1,486.19
			<i>For Class 52 Rating, Deduct</i>	-1,380.96	
			<i>For Class 54 Rating, Add</i>	941.56	
			<i>For Class 55 Rating, Add</i>	2,092.78	
40 05 19 00-1017	EA		36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,150.96	1,488.90
			<i>For Class 52 Rating, Deduct</i>	-1,418.46	
			<i>For Class 54 Rating, Add</i>	967.13	
			<i>For Class 55 Rating, Add</i>	2,149.61	
40 05 19 00-1018	EA		36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,496.00	1,491.62
			<i>For Class 52 Rating, Deduct</i>	-1,455.96	
			<i>For Class 54 Rating, Add</i>	992.70	
			<i>For Class 55 Rating, Add</i>	2,206.44	
40 05 19 00-1019	EA		36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,841.02	1,494.32
			<i>For Class 52 Rating, Deduct</i>	-1,493.46	
			<i>For Class 54 Rating, Add</i>	1,018.27	
			<i>For Class 55 Rating, Add</i>	2,263.27	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1020	EA 36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,186.06	1,497.03
	For Class 52 Rating, Deduct	-1,530.96	
	For Class 54 Rating, Add	1,043.84	
	For Class 55 Rating, Add	2,320.10	
40 05 19 00-1021	EA 36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,531.08	1,499.75
	For Class 52 Rating, Deduct	-1,568.46	
	For Class 54 Rating, Add	1,069.41	
	For Class 55 Rating, Add	2,376.93	
40 05 19 00-1022	EA 36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,876.12	1,502.46
	For Class 52 Rating, Deduct	-1,605.96	
	For Class 54 Rating, Add	1,094.97	
	For Class 55 Rating, Add	2,433.76	
40 05 19 00-1023	EA 36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,221.13	1,505.17
	For Class 52 Rating, Deduct	-1,643.46	
	For Class 54 Rating, Add	1,120.54	
	For Class 55 Rating, Add	2,490.59	
40 05 19 00-1024	EA 36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,566.16	1,507.88
	For Class 52 Rating, Deduct	-1,680.96	
	For Class 54 Rating, Add	1,146.11	
	For Class 55 Rating, Add	2,547.42	
40 05 19 00-1025	EA 36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,911.19	1,510.60
	For Class 52 Rating, Deduct	-1,718.47	
	For Class 54 Rating, Add	1,171.68	
	For Class 55 Rating, Add	2,604.26	
40 05 19 00-1026	EA 36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,256.22	1,513.31
	For Class 52 Rating, Deduct	-1,755.97	
	For Class 54 Rating, Add	1,197.25	
	For Class 55 Rating, Add	2,661.09	
40 05 19 00-1027	EA 36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,601.25	1,516.02
	For Class 52 Rating, Deduct	-1,793.47	
	For Class 54 Rating, Add	1,222.82	
	For Class 55 Rating, Add	2,717.92	
40 05 19 00-1028	Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
40 05 19 00-1029	4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1030	EA 4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	348.07	132.63
	For Class 52 Rating, Deduct	-16.18	
	For Class 54 Rating, Add	11.03	
	For Class 55 Rating, Add	24.52	
40 05 19 00-1031	EA 4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	377.97	134.96
	For Class 52 Rating, Deduct	-19.09	
	For Class 54 Rating, Add	13.01	
	For Class 55 Rating, Add	28.92	
40 05 19 00-1032	EA 4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	407.86	137.27
	For Class 52 Rating, Deduct	-21.99	
	For Class 54 Rating, Add	14.99	
	For Class 55 Rating, Add	33.32	
40 05 19 00-1033	EA 4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	437.76	139.59
	For Class 52 Rating, Deduct	-24.89	
	For Class 54 Rating, Add	16.97	
	For Class 55 Rating, Add	37.72	
40 05 19 00-1034	EA 4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	467.66	141.91
	For Class 52 Rating, Deduct	-27.79	
	For Class 54 Rating, Add	18.95	
	For Class 55 Rating, Add	42.12	
40 05 19 00-1035	EA 4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	497.56	144.23
	For Class 52 Rating, Deduct	-30.69	
	For Class 54 Rating, Add	20.93	
	For Class 55 Rating, Add	46.51	
40 05 19 00-1036	EA 4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	527.45	146.55
	For Class 52 Rating, Deduct	-33.60	
	For Class 54 Rating, Add	22.91	
	For Class 55 Rating, Add	50.91	
40 05 19 00-1037	EA 4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	557.34	148.86
	For Class 52 Rating, Deduct	-36.50	
	For Class 54 Rating, Add	24.88	
	For Class 55 Rating, Add	55.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1038	EA		4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	587.23	151.19
			For Class 52 Rating, Deduct	-39.40	
			For Class 54 Rating, Add	26.86	
			For Class 55 Rating, Add	59.71	
40 05 19 00-1039	EA		4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	617.13	153.50
			For Class 52 Rating, Deduct	-42.30	
			For Class 54 Rating, Add	28.84	
			For Class 55 Rating, Add	64.10	
40 05 19 00-1040	EA		4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	647.02	155.82
			For Class 52 Rating, Deduct	-45.20	
			For Class 54 Rating, Add	30.82	
			For Class 55 Rating, Add	68.50	
40 05 19 00-1041	EA		4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	676.91	158.14
			For Class 52 Rating, Deduct	-48.10	
			For Class 54 Rating, Add	32.80	
			For Class 55 Rating, Add	72.90	
40 05 19 00-1042	EA		4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	706.81	160.46
			For Class 52 Rating, Deduct	-51.01	
			For Class 54 Rating, Add	34.78	
			For Class 55 Rating, Add	77.30	
40 05 19 00-1043	EA		4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	736.70	162.78
			For Class 52 Rating, Deduct	-53.91	
			For Class 54 Rating, Add	36.76	
			For Class 55 Rating, Add	81.69	
40 05 19 00-1044	EA		4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	766.59	165.10
			For Class 52 Rating, Deduct	-56.81	
			For Class 54 Rating, Add	38.73	
			For Class 55 Rating, Add	86.09	
40 05 19 00-1045	EA		4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	796.48	167.42
			For Class 52 Rating, Deduct	-59.71	
			For Class 54 Rating, Add	40.71	
			For Class 55 Rating, Add	90.49	
40 05 19 00-1046	EA		4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	826.38	169.74
			For Class 52 Rating, Deduct	-62.61	
			For Class 54 Rating, Add	42.69	
			For Class 55 Rating, Add	94.89	
40 05 19 00-1047	EA		4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	856.27	172.05
			For Class 52 Rating, Deduct	-65.51	
			For Class 54 Rating, Add	44.67	
			For Class 55 Rating, Add	99.28	
40 05 19 00-1048	EA		4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	886.17	174.37
			For Class 52 Rating, Deduct	-68.42	
			For Class 54 Rating, Add	46.65	
			For Class 55 Rating, Add	103.68	
40 05 19 00-1049	EA		4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	916.07	176.69
			For Class 52 Rating, Deduct	-71.32	
			For Class 54 Rating, Add	48.63	
			For Class 55 Rating, Add	108.08	
40 05 19 00-1050	EA		4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	945.97	179.01
			For Class 52 Rating, Deduct	-74.22	
			For Class 54 Rating, Add	50.61	
			For Class 55 Rating, Add	112.48	
40 05 19 00-1051	EA		4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	975.85	181.33
			For Class 52 Rating, Deduct	-77.12	
			For Class 54 Rating, Add	52.58	
			For Class 55 Rating, Add	116.88	
40 05 19 00-1052	EA		4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,005.75	183.65
			For Class 52 Rating, Deduct	-80.03	
			For Class 54 Rating, Add	54.56	
			For Class 55 Rating, Add	121.27	
40 05 19 00-1053	EA		4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,035.64	185.97
			For Class 52 Rating, Deduct	-82.93	
			For Class 54 Rating, Add	56.54	
			For Class 55 Rating, Add	125.67	
40 05 19 00-1054	EA		4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,065.53	188.28
			For Class 52 Rating, Deduct	-85.83	
			For Class 54 Rating, Add	58.52	
			For Class 55 Rating, Add	130.07	
40 05 19 00-1055	EA		4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
			Pipe	1,095.43	190.61
			For Class 52 Rating, Deduct	-88.73	
			For Class 54 Rating, Add	60.50	
			For Class 55 Rating, Add	134.47	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,125.32	192.92
		<i>For Class 52 Rating, Deduct</i>	-91.63	
		<i>For Class 54 Rating, Add</i>	62.48	
		<i>For Class 55 Rating, Add</i>	138.86	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,155.22	195.24
		<i>For Class 52 Rating, Deduct</i>	-94.53	
		<i>For Class 54 Rating, Add</i>	64.46	
		<i>For Class 55 Rating, Add</i>	143.26	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,185.11	197.56
		<i>For Class 52 Rating, Deduct</i>	-97.44	
		<i>For Class 54 Rating, Add</i>	66.43	
		<i>For Class 55 Rating, Add</i>	147.66	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,215.00	199.87
		<i>For Class 52 Rating, Deduct</i>	-100.34	
		<i>For Class 54 Rating, Add</i>	68.41	
		<i>For Class 55 Rating, Add</i>	152.06	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,244.89	202.20
		<i>For Class 52 Rating, Deduct</i>	-103.24	
		<i>For Class 54 Rating, Add</i>	70.39	
		<i>For Class 55 Rating, Add</i>	156.45	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,274.79	204.52
		<i>For Class 52 Rating, Deduct</i>	-106.14	
		<i>For Class 54 Rating, Add</i>	72.37	
		<i>For Class 55 Rating, Add</i>	160.85	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,304.68	206.84
		<i>For Class 52 Rating, Deduct</i>	-109.04	
		<i>For Class 54 Rating, Add</i>	74.35	
		<i>For Class 55 Rating, Add</i>	165.25	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,334.58	209.15
		<i>For Class 52 Rating, Deduct</i>	-111.94	
		<i>For Class 54 Rating, Add</i>	76.33	
		<i>For Class 55 Rating, Add</i>	169.65	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,364.47	211.48
		<i>For Class 52 Rating, Deduct</i>	-114.85	
		<i>For Class 54 Rating, Add</i>	78.30	
		<i>For Class 55 Rating, Add</i>	174.04	
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,394.38	213.79
		<i>For Class 52 Rating, Deduct</i>	-117.75	
		<i>For Class 54 Rating, Add</i>	80.28	
		<i>For Class 55 Rating, Add</i>	178.44	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,424.26	216.10
		<i>For Class 52 Rating, Deduct</i>	-120.65	
		<i>For Class 54 Rating, Add</i>	82.26	
		<i>For Class 55 Rating, Add</i>	182.84	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,454.16	218.43
		<i>For Class 52 Rating, Deduct</i>	-123.55	
		<i>For Class 54 Rating, Add</i>	84.24	
		<i>For Class 55 Rating, Add</i>	187.24	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,484.05	220.75
		<i>For Class 52 Rating, Deduct</i>	-126.45	
		<i>For Class 54 Rating, Add</i>	86.22	
		<i>For Class 55 Rating, Add</i>	191.64	
40 05 19 00-1069		6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	436.60	166.95
		<i>For Class 52 Rating, Deduct</i>	-20.20	
		<i>For Class 54 Rating, Add</i>	13.77	
		<i>For Class 55 Rating, Add</i>	30.61	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	472.59	169.28
		<i>For Class 52 Rating, Deduct</i>	-23.77	
		<i>For Class 54 Rating, Add</i>	16.21	
		<i>For Class 55 Rating, Add</i>	36.03	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	508.57	171.59
		<i>For Class 52 Rating, Deduct</i>	-27.34	
		<i>For Class 54 Rating, Add</i>	18.64	
		<i>For Class 55 Rating, Add</i>	41.44	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	544.56	173.91
		<i>For Class 52 Rating, Deduct</i>	-30.92	
		<i>For Class 54 Rating, Add</i>	21.08	
		<i>For Class 55 Rating, Add</i>	46.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1074	EA		6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 580.53		176.23
			For Class 52 Rating, Deduct -34.49		
			For Class 54 Rating, Add 23.51		
			For Class 55 Rating, Add 52.26		
40 05 19 00-1075	EA		6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 616.52		178.54
			For Class 52 Rating, Deduct -38.06		
			For Class 54 Rating, Add 25.95		
			For Class 55 Rating, Add 57.68		
40 05 19 00-1076	EA		6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 652.49		180.86
			For Class 52 Rating, Deduct -41.63		
			For Class 54 Rating, Add 28.38		
			For Class 55 Rating, Add 63.09		
40 05 19 00-1077	EA		6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 688.48		183.18
			For Class 52 Rating, Deduct -45.20		
			For Class 54 Rating, Add 30.82		
			For Class 55 Rating, Add 68.50		
40 05 19 00-1078	EA		6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 724.46		185.51
			For Class 52 Rating, Deduct -48.77		
			For Class 54 Rating, Add 33.26		
			For Class 55 Rating, Add 73.91		
40 05 19 00-1079	EA		6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 760.45		187.82
			For Class 52 Rating, Deduct -52.35		
			For Class 54 Rating, Add 35.69		
			For Class 55 Rating, Add 79.33		
40 05 19 00-1080	EA		6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 796.42		190.14
			For Class 52 Rating, Deduct -55.92		
			For Class 54 Rating, Add 38.12		
			For Class 55 Rating, Add 84.74		
40 05 19 00-1081	EA		6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 832.41		192.46
			For Class 52 Rating, Deduct -59.49		
			For Class 54 Rating, Add 40.56		
			For Class 55 Rating, Add 90.15		
40 05 19 00-1082	EA		6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 868.39		194.77
			For Class 52 Rating, Deduct -63.06		
			For Class 54 Rating, Add 43.00		
			For Class 55 Rating, Add 95.56		
40 05 19 00-1083	EA		6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 904.38		197.09
			For Class 52 Rating, Deduct -66.63		
			For Class 54 Rating, Add 45.43		
			For Class 55 Rating, Add 100.98		
40 05 19 00-1084	EA		6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 940.35		199.41
			For Class 52 Rating, Deduct -70.20		
			For Class 54 Rating, Add 47.87		
			For Class 55 Rating, Add 106.39		
40 05 19 00-1085	EA		6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 976.33		201.74
			For Class 52 Rating, Deduct -73.77		
			For Class 54 Rating, Add 50.30		
			For Class 55 Rating, Add 111.80		
40 05 19 00-1086	EA		6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,012.32		204.05
			For Class 52 Rating, Deduct -77.35		
			For Class 54 Rating, Add 52.74		
			For Class 55 Rating, Add 117.22		
40 05 19 00-1087	EA		6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,048.29		206.37
			For Class 52 Rating, Deduct -80.92		
			For Class 54 Rating, Add 55.17		
			For Class 55 Rating, Add 122.63		
40 05 19 00-1088	EA		6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,084.28		208.69
			For Class 52 Rating, Deduct -84.49		
			For Class 54 Rating, Add 57.61		
			For Class 55 Rating, Add 128.04		
40 05 19 00-1089	EA		6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,120.26		211.02
			For Class 52 Rating, Deduct -88.06		
			For Class 54 Rating, Add 60.04		
			For Class 55 Rating, Add 133.45		
40 05 19 00-1090	EA		6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,156.25		213.32
			For Class 52 Rating, Deduct -91.63		
			For Class 54 Rating, Add 62.48		
			For Class 55 Rating, Add 138.86		
40 05 19 00-1091	EA		6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,192.22		215.65
			For Class 52 Rating, Deduct -95.20		
			For Class 54 Rating, Add 64.91		
			For Class 55 Rating, Add 144.28		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,228.21	217.97
		For Class 52 Rating, Deduct	-98.78	
		For Class 54 Rating, Add	67.35	
		For Class 55 Rating, Add	149.69	
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,264.18	220.28
		For Class 52 Rating, Deduct	-102.35	
		For Class 54 Rating, Add	69.78	
		For Class 55 Rating, Add	155.10	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,300.17	222.60
		For Class 52 Rating, Deduct	-105.92	
		For Class 54 Rating, Add	72.22	
		For Class 55 Rating, Add	160.51	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,336.15	224.92
		For Class 52 Rating, Deduct	-109.49	
		For Class 54 Rating, Add	74.65	
		For Class 55 Rating, Add	165.93	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,372.14	227.25
		For Class 52 Rating, Deduct	-113.06	
		For Class 54 Rating, Add	77.09	
		For Class 55 Rating, Add	171.34	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,408.12	229.55
		For Class 52 Rating, Deduct	-116.63	
		For Class 54 Rating, Add	79.52	
		For Class 55 Rating, Add	176.75	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,444.10	231.88
		For Class 52 Rating, Deduct	-120.20	
		For Class 54 Rating, Add	81.96	
		For Class 55 Rating, Add	182.16	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,480.08	234.20
		For Class 52 Rating, Deduct	-123.78	
		For Class 54 Rating, Add	84.39	
		For Class 55 Rating, Add	187.58	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,516.05	236.52
		For Class 52 Rating, Deduct	-127.35	
		For Class 54 Rating, Add	86.83	
		For Class 55 Rating, Add	192.99	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,552.04	238.83
		For Class 52 Rating, Deduct	-130.92	
		For Class 54 Rating, Add	89.26	
		For Class 55 Rating, Add	198.40	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,588.02	241.15
		For Class 52 Rating, Deduct	-134.49	
		For Class 54 Rating, Add	91.70	
		For Class 55 Rating, Add	203.81	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,624.01	243.48
		For Class 52 Rating, Deduct	-138.06	
		For Class 54 Rating, Add	94.13	
		For Class 55 Rating, Add	209.23	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,659.99	245.78
		For Class 52 Rating, Deduct	-141.63	
		For Class 54 Rating, Add	96.57	
		For Class 55 Rating, Add	214.64	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,695.98	248.11
		For Class 52 Rating, Deduct	-145.21	
		For Class 54 Rating, Add	99.00	
		For Class 55 Rating, Add	220.05	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,731.95	250.43
		For Class 52 Rating, Deduct	-148.78	
		For Class 54 Rating, Add	101.44	
		For Class 55 Rating, Add	225.47	
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,767.93	252.75
		For Class 52 Rating, Deduct	-152.35	
		For Class 54 Rating, Add	103.87	
		For Class 55 Rating, Add	230.88	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,803.91	255.06
		For Class 52 Rating, Deduct	-155.92	
		For Class 54 Rating, Add	106.31	
		For Class 55 Rating, Add	236.29	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1110	EA		8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	590.08	213.32
			<i>For Class 52 Rating, Deduct</i>	-29.35	
			<i>For Class 54 Rating, Add</i>	20.01	
			<i>For Class 55 Rating, Add</i>	44.48	
40 05 19 00-1111	EA		8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	638.22	215.65
			<i>For Class 52 Rating, Deduct</i>	-34.26	
			<i>For Class 54 Rating, Add</i>	23.36	
			<i>For Class 55 Rating, Add</i>	51.93	
40 05 19 00-1112	EA		8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	686.39	217.97
			<i>For Class 52 Rating, Deduct</i>	-39.18	
			<i>For Class 54 Rating, Add</i>	26.71	
			<i>For Class 55 Rating, Add</i>	59.37	
40 05 19 00-1113	EA		8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	734.54	220.28
			<i>For Class 52 Rating, Deduct</i>	-44.09	
			<i>For Class 54 Rating, Add</i>	30.06	
			<i>For Class 55 Rating, Add</i>	66.81	
40 05 19 00-1114	EA		8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	782.71	222.60
			<i>For Class 52 Rating, Deduct</i>	-49.00	
			<i>For Class 54 Rating, Add</i>	33.41	
			<i>For Class 55 Rating, Add</i>	74.25	
40 05 19 00-1115	EA		8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	830.86	224.92
			<i>For Class 52 Rating, Deduct</i>	-53.91	
			<i>For Class 54 Rating, Add</i>	36.76	
			<i>For Class 55 Rating, Add</i>	81.69	
40 05 19 00-1116	EA		8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	879.03	227.25
			<i>For Class 52 Rating, Deduct</i>	-58.82	
			<i>For Class 54 Rating, Add</i>	40.10	
			<i>For Class 55 Rating, Add</i>	89.14	
40 05 19 00-1117	EA		8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	927.18	229.55
			<i>For Class 52 Rating, Deduct</i>	-63.73	
			<i>For Class 54 Rating, Add</i>	43.45	
			<i>For Class 55 Rating, Add</i>	96.58	
40 05 19 00-1118	EA		8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	975.33	231.88
			<i>For Class 52 Rating, Deduct</i>	-68.64	
			<i>For Class 54 Rating, Add</i>	46.80	
			<i>For Class 55 Rating, Add</i>	104.02	
40 05 19 00-1119	EA		8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,023.49	234.20
			<i>For Class 52 Rating, Deduct</i>	-73.55	
			<i>For Class 54 Rating, Add</i>	50.15	
			<i>For Class 55 Rating, Add</i>	111.46	
40 05 19 00-1120	EA		8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,071.64	236.52
			<i>For Class 52 Rating, Deduct</i>	-78.46	
			<i>For Class 54 Rating, Add</i>	53.50	
			<i>For Class 55 Rating, Add</i>	118.91	
40 05 19 00-1121	EA		8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,119.81	238.83
			<i>For Class 52 Rating, Deduct</i>	-83.37	
			<i>For Class 54 Rating, Add</i>	56.85	
			<i>For Class 55 Rating, Add</i>	126.35	
40 05 19 00-1122	EA		8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,167.96	241.15
			<i>For Class 52 Rating, Deduct</i>	-88.28	
			<i>For Class 54 Rating, Add</i>	60.19	
			<i>For Class 55 Rating, Add</i>	133.79	
40 05 19 00-1123	EA		8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,216.12	243.48
			<i>For Class 52 Rating, Deduct</i>	-93.19	
			<i>For Class 54 Rating, Add</i>	63.54	
			<i>For Class 55 Rating, Add</i>	141.23	
40 05 19 00-1124	EA		8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,264.28	245.78
			<i>For Class 52 Rating, Deduct</i>	-98.11	
			<i>For Class 54 Rating, Add</i>	66.89	
			<i>For Class 55 Rating, Add</i>	148.67	
40 05 19 00-1125	EA		8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,312.44	248.11
			<i>For Class 52 Rating, Deduct</i>	-103.02	
			<i>For Class 54 Rating, Add</i>	70.24	
			<i>For Class 55 Rating, Add</i>	156.12	
40 05 19 00-1126	EA		8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,360.59	250.43
			<i>For Class 52 Rating, Deduct</i>	-107.93	
			<i>For Class 54 Rating, Add</i>	73.59	
			<i>For Class 55 Rating, Add</i>	163.56	
40 05 19 00-1127	EA		8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,408.75	252.75
			<i>For Class 52 Rating, Deduct</i>	-112.84	
			<i>For Class 54 Rating, Add</i>	76.94	
			<i>For Class 55 Rating, Add</i>	171.00	

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1128	EA		8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,456.91	255.06
			For Class 52 Rating, Deduct	-117.75	
			For Class 54 Rating, Add	80.28	
			For Class 55 Rating, Add	178.44	
40 05 19 00-1129	EA		8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,505.07	257.39
			For Class 52 Rating, Deduct	-122.66	
			For Class 54 Rating, Add	83.63	
			For Class 55 Rating, Add	185.89	
40 05 19 00-1130	EA		8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,553.22	259.71
			For Class 52 Rating, Deduct	-127.57	
			For Class 54 Rating, Add	86.98	
			For Class 55 Rating, Add	193.33	
40 05 19 00-1131	EA		8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,601.39	262.01
			For Class 52 Rating, Deduct	-132.48	
			For Class 54 Rating, Add	90.33	
			For Class 55 Rating, Add	200.77	
40 05 19 00-1132	EA		8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,649.54	264.34
			For Class 52 Rating, Deduct	-137.39	
			For Class 54 Rating, Add	93.68	
			For Class 55 Rating, Add	208.21	
40 05 19 00-1133	EA		8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,697.69	266.66
			For Class 52 Rating, Deduct	-142.30	
			For Class 54 Rating, Add	97.03	
			For Class 55 Rating, Add	215.65	
40 05 19 00-1134	EA		8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,745.85	268.98
			For Class 52 Rating, Deduct	-147.21	
			For Class 54 Rating, Add	100.37	
			For Class 55 Rating, Add	223.10	
40 05 19 00-1135	EA		8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,794.00	271.29
			For Class 52 Rating, Deduct	-152.12	
			For Class 54 Rating, Add	103.72	
			For Class 55 Rating, Add	230.54	
40 05 19 00-1136	EA		8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,842.17	273.62
			For Class 52 Rating, Deduct	-157.04	
			For Class 54 Rating, Add	107.07	
			For Class 55 Rating, Add	237.98	
40 05 19 00-1137	EA		8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,890.32	275.94
			For Class 52 Rating, Deduct	-161.95	
			For Class 54 Rating, Add	110.42	
			For Class 55 Rating, Add	245.42	
40 05 19 00-1138	EA		8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,938.49	278.25
			For Class 52 Rating, Deduct	-166.86	
			For Class 54 Rating, Add	113.77	
			For Class 55 Rating, Add	252.87	
40 05 19 00-1139	EA		8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,986.64	280.57
			For Class 52 Rating, Deduct	-171.77	
			For Class 54 Rating, Add	117.11	
			For Class 55 Rating, Add	260.31	
40 05 19 00-1140	EA		8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,034.81	282.90
			For Class 52 Rating, Deduct	-176.68	
			For Class 54 Rating, Add	120.46	
			For Class 55 Rating, Add	267.75	
40 05 19 00-1141	EA		8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,082.95	285.21
			For Class 52 Rating, Deduct	-181.59	
			For Class 54 Rating, Add	123.81	
			For Class 55 Rating, Add	275.19	
40 05 19 00-1142	EA		8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,131.11	287.52
			For Class 52 Rating, Deduct	-186.50	
			For Class 54 Rating, Add	127.16	
			For Class 55 Rating, Add	282.63	
40 05 19 00-1143	EA		8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,179.27	289.85
			For Class 52 Rating, Deduct	-191.41	
			For Class 54 Rating, Add	130.51	
			For Class 55 Rating, Add	290.08	
40 05 19 00-1144	EA		8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,227.43	292.17
			For Class 52 Rating, Deduct	-196.32	
			For Class 54 Rating, Add	133.86	
			For Class 55 Rating, Add	297.52	
40 05 19 00-1145	EA		8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,275.59	294.48
			For Class 52 Rating, Deduct	-201.23	
			For Class 54 Rating, Add	137.21	
			For Class 55 Rating, Add	304.96	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1146	EA			8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,323.74	296.80
				<i>For Class 52 Rating, Deduct</i>	-206.14	
				<i>For Class 54 Rating, Add</i>	140.55	
				<i>For Class 55 Rating, Add</i>	312.40	
40 05 19 00-1147	EA			8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,371.90	299.13
				<i>For Class 52 Rating, Deduct</i>	-211.05	
				<i>For Class 54 Rating, Add</i>	143.90	
				<i>For Class 55 Rating, Add</i>	319.84	
40 05 19 00-1148	EA			8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,420.05	301.44
				<i>For Class 52 Rating, Deduct</i>	-215.97	
				<i>For Class 54 Rating, Add</i>	147.25	
				<i>For Class 55 Rating, Add</i>	327.29	
40 05 19 00-1149				10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
				<small>(40 05 19 00-1028)</small>		
40 05 19 00-1150	EA			10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	737.45	259.71
				<i>For Class 52 Rating, Deduct</i>	-37.84	
				<i>For Class 54 Rating, Add</i>	25.80	
				<i>For Class 55 Rating, Add</i>	57.34	
40 05 19 00-1151	EA			10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	799.82	262.01
				<i>For Class 52 Rating, Deduct</i>	-44.31	
				<i>For Class 54 Rating, Add</i>	30.21	
				<i>For Class 55 Rating, Add</i>	67.15	
40 05 19 00-1152	EA			10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	862.18	264.34
				<i>For Class 52 Rating, Deduct</i>	-50.78	
				<i>For Class 54 Rating, Add</i>	34.62	
				<i>For Class 55 Rating, Add</i>	76.96	
40 05 19 00-1153	EA			10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	924.53	266.66
				<i>For Class 52 Rating, Deduct</i>	-57.26	
				<i>For Class 54 Rating, Add</i>	39.04	
				<i>For Class 55 Rating, Add</i>	86.77	
40 05 19 00-1154	EA			10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	986.90	268.98
				<i>For Class 52 Rating, Deduct</i>	-63.73	
				<i>For Class 54 Rating, Add</i>	43.45	
				<i>For Class 55 Rating, Add</i>	96.58	
40 05 19 00-1155	EA			10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,049.26	271.29
				<i>For Class 52 Rating, Deduct</i>	-70.20	
				<i>For Class 54 Rating, Add</i>	47.87	
				<i>For Class 55 Rating, Add</i>	106.39	
40 05 19 00-1156	EA			10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,111.63	273.62
				<i>For Class 52 Rating, Deduct</i>	-76.68	
				<i>For Class 54 Rating, Add</i>	52.28	
				<i>For Class 55 Rating, Add</i>	116.20	
40 05 19 00-1157	EA			10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.99	275.94
				<i>For Class 52 Rating, Deduct</i>	-83.15	
				<i>For Class 54 Rating, Add</i>	56.69	
				<i>For Class 55 Rating, Add</i>	126.01	
40 05 19 00-1158	EA			10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,236.36	278.25
				<i>For Class 52 Rating, Deduct</i>	-89.62	
				<i>For Class 54 Rating, Add</i>	61.11	
				<i>For Class 55 Rating, Add</i>	135.82	
40 05 19 00-1159	EA			10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,298.71	280.57
				<i>For Class 52 Rating, Deduct</i>	-96.10	
				<i>For Class 54 Rating, Add</i>	65.52	
				<i>For Class 55 Rating, Add</i>	145.63	
40 05 19 00-1160	EA			10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,361.08	282.90
				<i>For Class 52 Rating, Deduct</i>	-102.57	
				<i>For Class 54 Rating, Add</i>	69.93	
				<i>For Class 55 Rating, Add</i>	155.44	
40 05 19 00-1161	EA			10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,423.43	285.21
				<i>For Class 52 Rating, Deduct</i>	-109.04	
				<i>For Class 54 Rating, Add</i>	74.35	
				<i>For Class 55 Rating, Add</i>	165.25	
40 05 19 00-1162	EA			10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.80	287.52
				<i>For Class 52 Rating, Deduct</i>	-115.52	
				<i>For Class 54 Rating, Add</i>	78.76	
				<i>For Class 55 Rating, Add</i>	175.06	
40 05 19 00-1163	EA			10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,548.16	289.85
				<i>For Class 52 Rating, Deduct</i>	-121.99	
				<i>For Class 54 Rating, Add</i>	83.18	
				<i>For Class 55 Rating, Add</i>	184.87	

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1164	EA 10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,610.53	292.17
	<i>For Class 52 Rating, Deduct</i>	-128.46	
	<i>For Class 54 Rating, Add</i>	87.59	
	<i>For Class 55 Rating, Add</i>	194.68	
40 05 19 00-1165	EA 10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,672.89	294.48
	<i>For Class 52 Rating, Deduct</i>	-134.94	
	<i>For Class 54 Rating, Add</i>	92.00	
	<i>For Class 55 Rating, Add</i>	204.49	
40 05 19 00-1166	EA 10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,735.25	296.80
	<i>For Class 52 Rating, Deduct</i>	-141.41	
	<i>For Class 54 Rating, Add</i>	96.42	
	<i>For Class 55 Rating, Add</i>	214.30	
40 05 19 00-1167	EA 10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,797.62	299.13
	<i>For Class 52 Rating, Deduct</i>	-147.88	
	<i>For Class 54 Rating, Add</i>	100.83	
	<i>For Class 55 Rating, Add</i>	224.11	
40 05 19 00-1168	EA 10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,859.97	301.44
	<i>For Class 52 Rating, Deduct</i>	-154.36	
	<i>For Class 54 Rating, Add</i>	105.24	
	<i>For Class 55 Rating, Add</i>	233.92	
40 05 19 00-1169	EA 10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,922.34	303.76
	<i>For Class 52 Rating, Deduct</i>	-160.83	
	<i>For Class 54 Rating, Add</i>	109.66	
	<i>For Class 55 Rating, Add</i>	243.73	
40 05 19 00-1170	EA 10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,984.70	306.08
	<i>For Class 52 Rating, Deduct</i>	-167.30	
	<i>For Class 54 Rating, Add</i>	114.07	
	<i>For Class 55 Rating, Add</i>	253.54	
40 05 19 00-1171	EA 10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,047.06	308.40
	<i>For Class 52 Rating, Deduct</i>	-173.78	
	<i>For Class 54 Rating, Add</i>	118.48	
	<i>For Class 55 Rating, Add</i>	263.35	
40 05 19 00-1172	EA 10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,109.42	310.71
	<i>For Class 52 Rating, Deduct</i>	-180.25	
	<i>For Class 54 Rating, Add</i>	122.90	
	<i>For Class 55 Rating, Add</i>	273.16	
40 05 19 00-1173	EA 10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,171.79	313.03
	<i>For Class 52 Rating, Deduct</i>	-186.72	
	<i>For Class 54 Rating, Add</i>	127.31	
	<i>For Class 55 Rating, Add</i>	282.97	
40 05 19 00-1174	EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,234.15	315.36
	<i>For Class 52 Rating, Deduct</i>	-193.20	
	<i>For Class 54 Rating, Add</i>	131.73	
	<i>For Class 55 Rating, Add</i>	292.78	
40 05 19 00-1175	EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,296.52	317.67
	<i>For Class 52 Rating, Deduct</i>	-199.67	
	<i>For Class 54 Rating, Add</i>	136.14	
	<i>For Class 55 Rating, Add</i>	302.59	
40 05 19 00-1176	EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,358.87	319.99
	<i>For Class 52 Rating, Deduct</i>	-206.14	
	<i>For Class 54 Rating, Add</i>	140.55	
	<i>For Class 55 Rating, Add</i>	312.40	
40 05 19 00-1177	EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,421.24	322.31
	<i>For Class 52 Rating, Deduct</i>	-212.62	
	<i>For Class 54 Rating, Add</i>	144.97	
	<i>For Class 55 Rating, Add</i>	322.21	
40 05 19 00-1178	EA 10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,483.60	324.64
	<i>For Class 52 Rating, Deduct</i>	-219.09	
	<i>For Class 54 Rating, Add</i>	149.38	
	<i>For Class 55 Rating, Add</i>	332.02	
40 05 19 00-1179	EA 10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,545.97	326.95
	<i>For Class 52 Rating, Deduct</i>	-225.56	
	<i>For Class 54 Rating, Add</i>	153.79	
	<i>For Class 55 Rating, Add</i>	341.83	
40 05 19 00-1180	EA 10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,608.33	329.26
	<i>For Class 52 Rating, Deduct</i>	-232.04	
	<i>For Class 54 Rating, Add</i>	158.21	
	<i>For Class 55 Rating, Add</i>	351.64	
40 05 19 00-1181	EA 10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,670.69	331.59
	<i>For Class 52 Rating, Deduct</i>	-238.51	
	<i>For Class 54 Rating, Add</i>	162.62	
	<i>For Class 55 Rating, Add</i>	361.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
40 05 19 00-1182	EA		10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,733.05	333.90
			<i>For Class 52 Rating, Deduct</i>	-244.98	
			<i>For Class 54 Rating, Add</i>	167.03	
			<i>For Class 55 Rating, Add</i>	371.26	
40 05 19 00-1183	EA		10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,795.40	336.22
			<i>For Class 52 Rating, Deduct</i>	-251.46	
			<i>For Class 54 Rating, Add</i>	171.45	
			<i>For Class 55 Rating, Add</i>	381.07	
40 05 19 00-1184	EA		10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,857.77	338.54
			<i>For Class 52 Rating, Deduct</i>	-257.93	
			<i>For Class 54 Rating, Add</i>	175.86	
			<i>For Class 55 Rating, Add</i>	390.88	
40 05 19 00-1185	EA		10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,920.13	340.87
			<i>For Class 52 Rating, Deduct</i>	-264.40	
			<i>For Class 54 Rating, Add</i>	180.28	
			<i>For Class 55 Rating, Add</i>	400.69	
40 05 19 00-1186	EA		10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,982.50	343.18
			<i>For Class 52 Rating, Deduct</i>	-270.88	
			<i>For Class 54 Rating, Add</i>	184.69	
			<i>For Class 55 Rating, Add</i>	410.50	
40 05 19 00-1187	EA		10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.86	345.50
			<i>For Class 52 Rating, Deduct</i>	-277.35	
			<i>For Class 54 Rating, Add</i>	189.10	
			<i>For Class 55 Rating, Add</i>	420.31	
40 05 19 00-1188	EA		10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,107.23	347.82
			<i>For Class 52 Rating, Deduct</i>	-283.83	
			<i>For Class 54 Rating, Add</i>	193.52	
			<i>For Class 55 Rating, Add</i>	430.12	
40 05 19 00-1189			12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1190	EA		12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	950.48	324.64
			<i>For Class 52 Rating, Deduct</i>	-50.45	
			<i>For Class 54 Rating, Add</i>	34.40	
			<i>For Class 55 Rating, Add</i>	76.45	
40 05 19 00-1191	EA		12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,028.07	326.95
			<i>For Class 52 Rating, Deduct</i>	-58.60	
			<i>For Class 54 Rating, Add</i>	39.95	
			<i>For Class 55 Rating, Add</i>	88.80	
40 05 19 00-1192	EA		12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,105.64	329.26
			<i>For Class 52 Rating, Deduct</i>	-66.74	
			<i>For Class 54 Rating, Add</i>	45.51	
			<i>For Class 55 Rating, Add</i>	101.15	
40 05 19 00-1193	EA		12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,183.22	331.59
			<i>For Class 52 Rating, Deduct</i>	-74.89	
			<i>For Class 54 Rating, Add</i>	51.06	
			<i>For Class 55 Rating, Add</i>	113.49	
40 05 19 00-1194	EA		12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,260.81	333.90
			<i>For Class 52 Rating, Deduct</i>	-83.04	
			<i>For Class 54 Rating, Add</i>	56.62	
			<i>For Class 55 Rating, Add</i>	125.84	
40 05 19 00-1195	EA		12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,338.38	336.22
			<i>For Class 52 Rating, Deduct</i>	-91.19	
			<i>For Class 54 Rating, Add</i>	62.17	
			<i>For Class 55 Rating, Add</i>	138.19	
40 05 19 00-1196	EA		12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,415.97	338.54
			<i>For Class 52 Rating, Deduct</i>	-99.33	
			<i>For Class 54 Rating, Add</i>	67.73	
			<i>For Class 55 Rating, Add</i>	150.54	
40 05 19 00-1197	EA		12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,493.55	340.87
			<i>For Class 52 Rating, Deduct</i>	-107.48	
			<i>For Class 54 Rating, Add</i>	73.28	
			<i>For Class 55 Rating, Add</i>	162.88	
40 05 19 00-1198	EA		12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,571.14	343.18
			<i>For Class 52 Rating, Deduct</i>	-115.63	
			<i>For Class 54 Rating, Add</i>	78.84	
			<i>For Class 55 Rating, Add</i>	175.23	
40 05 19 00-1199	EA		12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,648.72	345.50
			<i>For Class 52 Rating, Deduct</i>	-123.78	
			<i>For Class 54 Rating, Add</i>	84.39	
			<i>For Class 55 Rating, Add</i>	187.58	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,726.30	347.82
		<i>For Class 52 Rating, Deduct</i>	-131.92	
		<i>For Class 54 Rating, Add</i>	89.95	
		<i>For Class 55 Rating, Add</i>	199.92	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,803.88	350.13
		<i>For Class 52 Rating, Deduct</i>	-140.07	
		<i>For Class 54 Rating, Add</i>	95.50	
		<i>For Class 55 Rating, Add</i>	212.27	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,881.47	352.45
		<i>For Class 52 Rating, Deduct</i>	-148.22	
		<i>For Class 54 Rating, Add</i>	101.06	
		<i>For Class 55 Rating, Add</i>	224.62	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,959.04	354.77
		<i>For Class 52 Rating, Deduct</i>	-156.37	
		<i>For Class 54 Rating, Add</i>	106.61	
		<i>For Class 55 Rating, Add</i>	236.97	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,036.63	357.09
		<i>For Class 52 Rating, Deduct</i>	-164.51	
		<i>For Class 54 Rating, Add</i>	112.17	
		<i>For Class 55 Rating, Add</i>	249.31	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,114.21	359.41
		<i>For Class 52 Rating, Deduct</i>	-172.66	
		<i>For Class 54 Rating, Add</i>	117.72	
		<i>For Class 55 Rating, Add</i>	261.66	
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,191.79	361.73
		<i>For Class 52 Rating, Deduct</i>	-180.81	
		<i>For Class 54 Rating, Add</i>	123.28	
		<i>For Class 55 Rating, Add</i>	274.01	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,269.38	364.05
		<i>For Class 52 Rating, Deduct</i>	-188.96	
		<i>For Class 54 Rating, Add</i>	128.83	
		<i>For Class 55 Rating, Add</i>	286.36	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.95	366.37
		<i>For Class 52 Rating, Deduct</i>	-197.10	
		<i>For Class 54 Rating, Add</i>	134.39	
		<i>For Class 55 Rating, Add</i>	298.70	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,424.54	368.68
		<i>For Class 52 Rating, Deduct</i>	-205.25	
		<i>For Class 54 Rating, Add</i>	139.94	
		<i>For Class 55 Rating, Add</i>	311.05	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,502.11	371.00
		<i>For Class 52 Rating, Deduct</i>	-213.40	
		<i>For Class 54 Rating, Add</i>	145.50	
		<i>For Class 55 Rating, Add</i>	323.40	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,579.70	373.32
		<i>For Class 52 Rating, Deduct</i>	-221.55	
		<i>For Class 54 Rating, Add</i>	151.05	
		<i>For Class 55 Rating, Add</i>	335.74	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,657.28	375.64
		<i>For Class 52 Rating, Deduct</i>	-229.69	
		<i>For Class 54 Rating, Add</i>	156.61	
		<i>For Class 55 Rating, Add</i>	348.09	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,734.87	377.96
		<i>For Class 52 Rating, Deduct</i>	-237.84	
		<i>For Class 54 Rating, Add</i>	162.17	
		<i>For Class 55 Rating, Add</i>	360.44	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,812.45	380.28
		<i>For Class 52 Rating, Deduct</i>	-245.99	
		<i>For Class 54 Rating, Add</i>	167.72	
		<i>For Class 55 Rating, Add</i>	372.79	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,890.04	382.60
		<i>For Class 52 Rating, Deduct</i>	-254.14	
		<i>For Class 54 Rating, Add</i>	173.28	
		<i>For Class 55 Rating, Add</i>	385.13	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,967.61	384.92
		<i>For Class 52 Rating, Deduct</i>	-262.28	
		<i>For Class 54 Rating, Add</i>	178.83	
		<i>For Class 55 Rating, Add</i>	397.48	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,045.19	387.24
		<i>For Class 52 Rating, Deduct</i>	-270.43	
		<i>For Class 54 Rating, Add</i>	184.39	
		<i>For Class 55 Rating, Add</i>	409.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1218 EA 12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,122.77	389.55
<i>For Class 52 Rating, Deduct</i>	-278.58	
<i>For Class 54 Rating, Add</i>	189.94	
<i>For Class 55 Rating, Add</i>	422.17	
40 05 19 00-1219 EA 12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,200.36	391.88
<i>For Class 52 Rating, Deduct</i>	-286.73	
<i>For Class 54 Rating, Add</i>	195.50	
<i>For Class 55 Rating, Add</i>	434.52	
40 05 19 00-1220 EA 12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,277.94	394.19
<i>For Class 52 Rating, Deduct</i>	-294.87	
<i>For Class 54 Rating, Add</i>	201.05	
<i>For Class 55 Rating, Add</i>	446.87	
40 05 19 00-1221 EA 12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,355.52	396.51
<i>For Class 52 Rating, Deduct</i>	-303.02	
<i>For Class 54 Rating, Add</i>	206.61	
<i>For Class 55 Rating, Add</i>	459.22	
40 05 19 00-1222 EA 12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,433.11	398.83
<i>For Class 52 Rating, Deduct</i>	-311.17	
<i>For Class 54 Rating, Add</i>	212.16	
<i>For Class 55 Rating, Add</i>	471.56	
40 05 19 00-1223 EA 12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,510.68	401.15
<i>For Class 52 Rating, Deduct</i>	-319.32	
<i>For Class 54 Rating, Add</i>	217.72	
<i>For Class 55 Rating, Add</i>	483.91	
40 05 19 00-1224 EA 12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,588.27	403.47
<i>For Class 52 Rating, Deduct</i>	-327.46	
<i>For Class 54 Rating, Add</i>	223.27	
<i>For Class 55 Rating, Add</i>	496.26	
40 05 19 00-1225 EA 12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,665.84	405.78
<i>For Class 52 Rating, Deduct</i>	-335.61	
<i>For Class 54 Rating, Add</i>	228.83	
<i>For Class 55 Rating, Add</i>	508.61	
40 05 19 00-1226 EA 12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,743.43	408.11
<i>For Class 52 Rating, Deduct</i>	-343.76	
<i>For Class 54 Rating, Add</i>	234.38	
<i>For Class 55 Rating, Add</i>	520.95	
40 05 19 00-1227 EA 12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,821.01	410.42
<i>For Class 52 Rating, Deduct</i>	-351.91	
<i>For Class 54 Rating, Add</i>	239.94	
<i>For Class 55 Rating, Add</i>	533.30	
40 05 19 00-1228 EA 12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,898.60	412.75
<i>For Class 52 Rating, Deduct</i>	-360.06	
<i>For Class 54 Rating, Add</i>	245.49	
<i>For Class 55 Rating, Add</i>	545.65	
40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1230 EA 14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,244.67	389.55
<i>For Class 52 Rating, Deduct</i>	-71.99	
<i>For Class 54 Rating, Add</i>	49.08	
<i>For Class 55 Rating, Add</i>	109.10	
40 05 19 00-1231 EA 14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,338.50	391.88
<i>For Class 52 Rating, Deduct</i>	-81.92	
<i>For Class 54 Rating, Add</i>	55.86	
<i>For Class 55 Rating, Add</i>	124.15	
40 05 19 00-1232 EA 14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,432.31	394.19
<i>For Class 52 Rating, Deduct</i>	-91.86	
<i>For Class 54 Rating, Add</i>	62.63	
<i>For Class 55 Rating, Add</i>	139.20	
40 05 19 00-1233 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,526.12	396.51
<i>For Class 52 Rating, Deduct</i>	-101.79	
<i>For Class 54 Rating, Add</i>	69.40	
<i>For Class 55 Rating, Add</i>	154.26	
40 05 19 00-1234 EA 14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,619.94	398.83
<i>For Class 52 Rating, Deduct</i>	-111.72	
<i>For Class 54 Rating, Add</i>	76.17	
<i>For Class 55 Rating, Add</i>	169.31	
40 05 19 00-1235 EA 14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,713.76	401.15
<i>For Class 52 Rating, Deduct</i>	-121.66	
<i>For Class 54 Rating, Add</i>	82.95	
<i>For Class 55 Rating, Add</i>	184.36	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1236	EA		14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,807.58	403.47
			For Class 52 Rating, Deduct	-131.59	
			For Class 54 Rating, Add	89.72	
			For Class 55 Rating, Add	199.42	
40 05 19 00-1237	EA		14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,901.38	405.78
			For Class 52 Rating, Deduct	-141.52	
			For Class 54 Rating, Add	96.49	
			For Class 55 Rating, Add	214.47	
40 05 19 00-1238	EA		14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,995.21	408.11
			For Class 52 Rating, Deduct	-151.46	
			For Class 54 Rating, Add	103.27	
			For Class 55 Rating, Add	229.52	
40 05 19 00-1239	EA		14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,089.02	410.42
			For Class 52 Rating, Deduct	-161.39	
			For Class 54 Rating, Add	110.04	
			For Class 55 Rating, Add	244.58	
40 05 19 00-1240	EA		14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.84	412.75
			For Class 52 Rating, Deduct	-171.32	
			For Class 54 Rating, Add	116.81	
			For Class 55 Rating, Add	259.63	
40 05 19 00-1241	EA		14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,276.66	415.06
			For Class 52 Rating, Deduct	-181.26	
			For Class 54 Rating, Add	123.58	
			For Class 55 Rating, Add	274.68	
40 05 19 00-1242	EA		14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,370.48	417.38
			For Class 52 Rating, Deduct	-191.19	
			For Class 54 Rating, Add	130.36	
			For Class 55 Rating, Add	289.74	
40 05 19 00-1243	EA		14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,464.29	419.70
			For Class 52 Rating, Deduct	-201.12	
			For Class 54 Rating, Add	137.13	
			For Class 55 Rating, Add	304.79	
40 05 19 00-1244	EA		14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,558.10	422.01
			For Class 52 Rating, Deduct	-211.05	
			For Class 54 Rating, Add	143.90	
			For Class 55 Rating, Add	319.84	
40 05 19 00-1245	EA		14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,651.92	424.34
			For Class 52 Rating, Deduct	-220.99	
			For Class 54 Rating, Add	150.67	
			For Class 55 Rating, Add	334.90	
40 05 19 00-1246	EA		14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,745.74	426.65
			For Class 52 Rating, Deduct	-230.92	
			For Class 54 Rating, Add	157.45	
			For Class 55 Rating, Add	349.95	
40 05 19 00-1247	EA		14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,839.55	428.98
			For Class 52 Rating, Deduct	-240.85	
			For Class 54 Rating, Add	164.22	
			For Class 55 Rating, Add	365.00	
40 05 19 00-1248	EA		14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,933.37	431.29
			For Class 52 Rating, Deduct	-250.79	
			For Class 54 Rating, Add	170.99	
			For Class 55 Rating, Add	380.06	
40 05 19 00-1249	EA		14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,027.19	433.62
			For Class 52 Rating, Deduct	-260.72	
			For Class 54 Rating, Add	177.77	
			For Class 55 Rating, Add	395.11	
40 05 19 00-1250	EA		14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,121.00	435.93
			For Class 52 Rating, Deduct	-270.66	
			For Class 54 Rating, Add	184.54	
			For Class 55 Rating, Add	410.17	
40 05 19 00-1251	EA		14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,214.82	438.24
			For Class 52 Rating, Deduct	-280.59	
			For Class 54 Rating, Add	191.31	
			For Class 55 Rating, Add	425.22	
40 05 19 00-1252	EA		14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,308.63	440.57
			For Class 52 Rating, Deduct	-290.52	
			For Class 54 Rating, Add	198.08	
			For Class 55 Rating, Add	440.27	
40 05 19 00-1253	EA		14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,402.45	442.89
			For Class 52 Rating, Deduct	-300.46	
			For Class 54 Rating, Add	204.86	
			For Class 55 Rating, Add	455.33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1254 EA 14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,496.26	445.21
<i>For Class 52 Rating, Deduct</i>	-310.39	
<i>For Class 54 Rating, Add</i>	211.63	
<i>For Class 55 Rating, Add</i>	470.38	
40 05 19 00-1255 EA 14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,590.09	447.52
<i>For Class 52 Rating, Deduct</i>	-320.32	
<i>For Class 54 Rating, Add</i>	218.40	
<i>For Class 55 Rating, Add</i>	485.43	
40 05 19 00-1256 EA 14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,683.90	449.85
<i>For Class 52 Rating, Deduct</i>	-330.26	
<i>For Class 54 Rating, Add</i>	225.17	
<i>For Class 55 Rating, Add</i>	500.49	
40 05 19 00-1257 EA 14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.72	452.16
<i>For Class 52 Rating, Deduct</i>	-340.19	
<i>For Class 54 Rating, Add</i>	231.95	
<i>For Class 55 Rating, Add</i>	515.54	
40 05 19 00-1258 EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,871.54	454.48
<i>For Class 52 Rating, Deduct</i>	-350.12	
<i>For Class 54 Rating, Add</i>	238.72	
<i>For Class 55 Rating, Add</i>	530.59	
40 05 19 00-1259 EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,965.35	456.80
<i>For Class 52 Rating, Deduct</i>	-360.06	
<i>For Class 54 Rating, Add</i>	245.49	
<i>For Class 55 Rating, Add</i>	545.65	
40 05 19 00-1260 EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,059.16	459.12
<i>For Class 52 Rating, Deduct</i>	-369.99	
<i>For Class 54 Rating, Add</i>	252.26	
<i>For Class 55 Rating, Add</i>	560.70	
40 05 19 00-1261 EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,152.97	461.44
<i>For Class 52 Rating, Deduct</i>	-379.92	
<i>For Class 54 Rating, Add</i>	259.04	
<i>For Class 55 Rating, Add</i>	575.75	
40 05 19 00-1262 EA 14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,246.80	463.75
<i>For Class 52 Rating, Deduct</i>	-389.86	
<i>For Class 54 Rating, Add</i>	265.81	
<i>For Class 55 Rating, Add</i>	590.81	
40 05 19 00-1263 EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,340.61	466.08
<i>For Class 52 Rating, Deduct</i>	-399.79	
<i>For Class 54 Rating, Add</i>	272.58	
<i>For Class 55 Rating, Add</i>	605.86	
40 05 19 00-1264 EA 14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,434.43	468.39
<i>For Class 52 Rating, Deduct</i>	-409.72	
<i>For Class 54 Rating, Add</i>	279.36	
<i>For Class 55 Rating, Add</i>	620.91	
40 05 19 00-1265 EA 14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,528.25	470.71
<i>For Class 52 Rating, Deduct</i>	-419.66	
<i>For Class 54 Rating, Add</i>	286.13	
<i>For Class 55 Rating, Add</i>	635.97	
40 05 19 00-1266 EA 14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,622.06	473.03
<i>For Class 52 Rating, Deduct</i>	-429.59	
<i>For Class 54 Rating, Add</i>	292.90	
<i>For Class 55 Rating, Add</i>	651.02	
40 05 19 00-1267 EA 14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,715.87	475.36
<i>For Class 52 Rating, Deduct</i>	-439.52	
<i>For Class 54 Rating, Add</i>	299.67	
<i>For Class 55 Rating, Add</i>	666.07	
40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1269 EA 16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,448.72	445.21
<i>For Class 52 Rating, Deduct</i>	-85.16	
<i>For Class 54 Rating, Add</i>	58.06	
<i>For Class 55 Rating, Add</i>	129.05	
40 05 19 00-1270 EA 16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,557.76	447.52
<i>For Class 52 Rating, Deduct</i>	-96.77	
<i>For Class 54 Rating, Add</i>	65.98	
<i>For Class 55 Rating, Add</i>	146.64	
40 05 19 00-1271 EA 16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,666.80	449.85
<i>For Class 52 Rating, Deduct</i>	-108.37	
<i>For Class 54 Rating, Add</i>	73.89	
<i>For Class 55 Rating, Add</i>	164.24	

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05	19 00-1272	EA 16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,775.84	452.16
		For Class 52 Rating, Deduct	-119.98	
		For Class 54 Rating, Add	81.81	
		For Class 55 Rating, Add	181.83	
40 05	19 00-1273	EA 16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,884.87	454.48
		For Class 52 Rating, Deduct	-131.59	
		For Class 54 Rating, Add	89.72	
		For Class 55 Rating, Add	199.42	
40 05	19 00-1274	EA 16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,993.90	456.80
		For Class 52 Rating, Deduct	-143.20	
		For Class 54 Rating, Add	97.63	
		For Class 55 Rating, Add	217.01	
40 05	19 00-1275	EA 16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,102.94	459.12
		For Class 52 Rating, Deduct	-154.80	
		For Class 54 Rating, Add	105.55	
		For Class 55 Rating, Add	234.60	
40 05	19 00-1276	EA 16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,211.97	461.44
		For Class 52 Rating, Deduct	-166.41	
		For Class 54 Rating, Add	113.46	
		For Class 55 Rating, Add	252.19	
40 05	19 00-1277	EA 16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,321.01	463.75
		For Class 52 Rating, Deduct	-178.02	
		For Class 54 Rating, Add	121.38	
		For Class 55 Rating, Add	269.78	
40 05	19 00-1278	EA 16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,430.04	466.08
		For Class 52 Rating, Deduct	-189.63	
		For Class 54 Rating, Add	129.29	
		For Class 55 Rating, Add	287.37	
40 05	19 00-1279	EA 16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,539.09	468.39
		For Class 52 Rating, Deduct	-201.23	
		For Class 54 Rating, Add	137.21	
		For Class 55 Rating, Add	304.96	
40 05	19 00-1280	EA 16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,648.12	470.71
		For Class 52 Rating, Deduct	-212.84	
		For Class 54 Rating, Add	145.12	
		For Class 55 Rating, Add	322.55	
40 05	19 00-1281	EA 16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,757.15	473.03
		For Class 52 Rating, Deduct	-224.45	
		For Class 54 Rating, Add	153.03	
		For Class 55 Rating, Add	340.14	
40 05	19 00-1282	EA 16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.18	475.36
		For Class 52 Rating, Deduct	-236.06	
		For Class 54 Rating, Add	160.95	
		For Class 55 Rating, Add	357.73	
40 05	19 00-1283	EA 16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,975.23	477.66
		For Class 52 Rating, Deduct	-247.66	
		For Class 54 Rating, Add	168.86	
		For Class 55 Rating, Add	375.32	
40 05	19 00-1284	EA 16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,084.26	479.98
		For Class 52 Rating, Deduct	-259.27	
		For Class 54 Rating, Add	176.78	
		For Class 55 Rating, Add	392.91	
40 05	19 00-1285	EA 16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,193.30	482.31
		For Class 52 Rating, Deduct	-270.88	
		For Class 54 Rating, Add	184.69	
		For Class 55 Rating, Add	410.50	
40 05	19 00-1286	EA 16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,302.33	484.62
		For Class 52 Rating, Deduct	-282.49	
		For Class 54 Rating, Add	192.60	
		For Class 55 Rating, Add	428.09	
40 05	19 00-1287	EA 16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,411.38	486.94
		For Class 52 Rating, Deduct	-294.09	
		For Class 54 Rating, Add	200.52	
		For Class 55 Rating, Add	445.69	
40 05	19 00-1288	EA 16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,520.41	489.26
		For Class 52 Rating, Deduct	-305.70	
		For Class 54 Rating, Add	208.43	
		For Class 55 Rating, Add	463.28	
40 05	19 00-1289	EA 16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,629.44	491.59
		For Class 52 Rating, Deduct	-317.31	
		For Class 54 Rating, Add	216.35	
		For Class 55 Rating, Add	480.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA		16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,738.47	493.89
			<i>For Class 52 Rating, Deduct</i>	-328.92	
			<i>For Class 54 Rating, Add</i>	224.26	
			<i>For Class 55 Rating, Add</i>	498.46	
40 05 19 00-1291	EA		16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,847.51	496.22
			<i>For Class 52 Rating, Deduct</i>	-340.52	
			<i>For Class 54 Rating, Add</i>	232.18	
			<i>For Class 55 Rating, Add</i>	516.05	
40 05 19 00-1292	EA		16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.55	498.54
			<i>For Class 52 Rating, Deduct</i>	-352.13	
			<i>For Class 54 Rating, Add</i>	240.09	
			<i>For Class 55 Rating, Add</i>	533.64	
40 05 19 00-1293	EA		16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,065.58	500.87
			<i>For Class 52 Rating, Deduct</i>	-363.74	
			<i>For Class 54 Rating, Add</i>	248.00	
			<i>For Class 55 Rating, Add</i>	551.23	
40 05 19 00-1294	EA		16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,174.62	503.17
			<i>For Class 52 Rating, Deduct</i>	-375.35	
			<i>For Class 54 Rating, Add</i>	255.92	
			<i>For Class 55 Rating, Add</i>	568.82	
40 05 19 00-1295	EA		16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,283.66	505.49
			<i>For Class 52 Rating, Deduct</i>	-386.95	
			<i>For Class 54 Rating, Add</i>	263.83	
			<i>For Class 55 Rating, Add</i>	586.41	
40 05 19 00-1296	EA		16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,392.69	507.82
			<i>For Class 52 Rating, Deduct</i>	-398.56	
			<i>For Class 54 Rating, Add</i>	271.75	
			<i>For Class 55 Rating, Add</i>	604.00	
40 05 19 00-1297	EA		16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,501.72	510.12
			<i>For Class 52 Rating, Deduct</i>	-410.17	
			<i>For Class 54 Rating, Add</i>	279.66	
			<i>For Class 55 Rating, Add</i>	621.59	
40 05 19 00-1298	EA		16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,610.76	512.45
			<i>For Class 52 Rating, Deduct</i>	-421.78	
			<i>For Class 54 Rating, Add</i>	287.57	
			<i>For Class 55 Rating, Add</i>	639.18	
40 05 19 00-1299	EA		16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,719.80	514.77
			<i>For Class 52 Rating, Deduct</i>	-433.38	
			<i>For Class 54 Rating, Add</i>	295.49	
			<i>For Class 55 Rating, Add</i>	656.77	
40 05 19 00-1300	EA		16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,828.84	517.10
			<i>For Class 52 Rating, Deduct</i>	-444.99	
			<i>For Class 54 Rating, Add</i>	303.40	
			<i>For Class 55 Rating, Add</i>	674.36	
40 05 19 00-1301	EA		16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,937.87	519.40
			<i>For Class 52 Rating, Deduct</i>	-456.60	
			<i>For Class 54 Rating, Add</i>	311.32	
			<i>For Class 55 Rating, Add</i>	691.95	
40 05 19 00-1302	EA		16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,046.91	521.73
			<i>For Class 52 Rating, Deduct</i>	-468.21	
			<i>For Class 54 Rating, Add</i>	319.23	
			<i>For Class 55 Rating, Add</i>	709.54	
40 05 19 00-1303	EA		16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,155.95	524.05
			<i>For Class 52 Rating, Deduct</i>	-479.81	
			<i>For Class 54 Rating, Add</i>	327.15	
			<i>For Class 55 Rating, Add</i>	727.14	
40 05 19 00-1304	EA		16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,264.97	526.35
			<i>For Class 52 Rating, Deduct</i>	-491.42	
			<i>For Class 54 Rating, Add</i>	335.06	
			<i>For Class 55 Rating, Add</i>	744.73	
40 05 19 00-1305	EA		16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,374.01	528.68
			<i>For Class 52 Rating, Deduct</i>	-503.03	
			<i>For Class 54 Rating, Add</i>	342.97	
			<i>For Class 55 Rating, Add</i>	762.32	
40 05 19 00-1306	EA		16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,483.04	531.00
			<i>For Class 52 Rating, Deduct</i>	-514.64	
			<i>For Class 54 Rating, Add</i>	350.89	
			<i>For Class 55 Rating, Add</i>	779.91	
40 05 19 00-1307			18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1308	EA		18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,668.38	501.78
			<i>For Class 52 Rating, Deduct</i>	-99.89	
			<i>For Class 54 Rating, Add</i>	68.11	
			<i>For Class 55 Rating, Add</i>	151.38	
40 05 19 00-1309	EA		18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,793.66	504.11
			<i>For Class 52 Rating, Deduct</i>	-113.28	
			<i>For Class 54 Rating, Add</i>	77.24	
			<i>For Class 55 Rating, Add</i>	171.68	
40 05 19 00-1310	EA		18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,918.93	506.42
			<i>For Class 52 Rating, Deduct</i>	-126.68	
			<i>For Class 54 Rating, Add</i>	86.37	
			<i>For Class 55 Rating, Add</i>	191.98	
40 05 19 00-1311	EA		18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,044.19	508.74
			<i>For Class 52 Rating, Deduct</i>	-140.07	
			<i>For Class 54 Rating, Add</i>	95.50	
			<i>For Class 55 Rating, Add</i>	212.27	
40 05 19 00-1312	EA		18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,169.46	511.06
			<i>For Class 52 Rating, Deduct</i>	-153.46	
			<i>For Class 54 Rating, Add</i>	104.63	
			<i>For Class 55 Rating, Add</i>	232.57	
40 05 19 00-1313	EA		18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,294.74	513.37
			<i>For Class 52 Rating, Deduct</i>	-166.86	
			<i>For Class 54 Rating, Add</i>	113.77	
			<i>For Class 55 Rating, Add</i>	252.87	
40 05 19 00-1314	EA		18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,420.00	515.70
			<i>For Class 52 Rating, Deduct</i>	-180.25	
			<i>For Class 54 Rating, Add</i>	122.90	
			<i>For Class 55 Rating, Add</i>	273.16	
40 05 19 00-1315	EA		18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,545.27	518.01
			<i>For Class 52 Rating, Deduct</i>	-193.64	
			<i>For Class 54 Rating, Add</i>	132.03	
			<i>For Class 55 Rating, Add</i>	293.46	
40 05 19 00-1316	EA		18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,670.55	520.34
			<i>For Class 52 Rating, Deduct</i>	-207.04	
			<i>For Class 54 Rating, Add</i>	141.16	
			<i>For Class 55 Rating, Add</i>	313.76	
40 05 19 00-1317	EA		18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,795.81	522.65
			<i>For Class 52 Rating, Deduct</i>	-220.43	
			<i>For Class 54 Rating, Add</i>	150.29	
			<i>For Class 55 Rating, Add</i>	334.05	
40 05 19 00-1318	EA		18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,921.08	524.97
			<i>For Class 52 Rating, Deduct</i>	-233.82	
			<i>For Class 54 Rating, Add</i>	159.43	
			<i>For Class 55 Rating, Add</i>	354.35	
40 05 19 00-1319	EA		18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,046.35	527.29
			<i>For Class 52 Rating, Deduct</i>	-247.22	
			<i>For Class 54 Rating, Add</i>	168.56	
			<i>For Class 55 Rating, Add</i>	374.65	
40 05 19 00-1320	EA		18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,171.62	529.61
			<i>For Class 52 Rating, Deduct</i>	-260.61	
			<i>For Class 54 Rating, Add</i>	177.69	
			<i>For Class 55 Rating, Add</i>	394.94	
40 05 19 00-1321	EA		18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,296.89	531.93
			<i>For Class 52 Rating, Deduct</i>	-274.00	
			<i>For Class 54 Rating, Add</i>	186.82	
			<i>For Class 55 Rating, Add</i>	415.24	
40 05 19 00-1322	EA		18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,422.17	534.25
			<i>For Class 52 Rating, Deduct</i>	-287.40	
			<i>For Class 54 Rating, Add</i>	195.95	
			<i>For Class 55 Rating, Add</i>	435.54	
40 05 19 00-1323	EA		18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,547.43	536.57
			<i>For Class 52 Rating, Deduct</i>	-300.79	
			<i>For Class 54 Rating, Add</i>	205.08	
			<i>For Class 55 Rating, Add</i>	455.83	
40 05 19 00-1324	EA		18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,672.71	538.88
			<i>For Class 52 Rating, Deduct</i>	-314.18	
			<i>For Class 54 Rating, Add</i>	214.22	
			<i>For Class 55 Rating, Add</i>	476.13	
40 05 19 00-1325	EA		18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,797.98	541.20
			<i>For Class 52 Rating, Deduct</i>	-327.58	
			<i>For Class 54 Rating, Add</i>	223.35	
			<i>For Class 55 Rating, Add</i>	496.43	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1326	EA			18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,923.25	543.52
				<i>For Class 52 Rating, Deduct</i>	-340.97	
				<i>For Class 54 Rating, Add</i>	232.48	
				<i>For Class 55 Rating, Add</i>	516.72	
40 05 19 00-1327	EA			18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,048.51	545.84
				<i>For Class 52 Rating, Deduct</i>	-354.36	
				<i>For Class 54 Rating, Add</i>	241.61	
				<i>For Class 55 Rating, Add</i>	537.02	
40 05 19 00-1328	EA			18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,173.78	548.15
				<i>For Class 52 Rating, Deduct</i>	-367.76	
				<i>For Class 54 Rating, Add</i>	250.74	
				<i>For Class 55 Rating, Add</i>	557.32	
40 05 19 00-1329	EA			18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,299.06	550.48
				<i>For Class 52 Rating, Deduct</i>	-381.15	
				<i>For Class 54 Rating, Add</i>	259.88	
				<i>For Class 55 Rating, Add</i>	577.62	
40 05 19 00-1330	EA			18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,424.32	552.80
				<i>For Class 52 Rating, Deduct</i>	-394.54	
				<i>For Class 54 Rating, Add</i>	269.01	
				<i>For Class 55 Rating, Add</i>	597.91	
40 05 19 00-1331	EA			18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,549.60	555.12
				<i>For Class 52 Rating, Deduct</i>	-407.94	
				<i>For Class 54 Rating, Add</i>	278.14	
				<i>For Class 55 Rating, Add</i>	618.21	
40 05 19 00-1332	EA			18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,674.87	557.43
				<i>For Class 52 Rating, Deduct</i>	-421.33	
				<i>For Class 54 Rating, Add</i>	287.27	
				<i>For Class 55 Rating, Add</i>	638.51	
40 05 19 00-1333	EA			18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,800.13	559.75
				<i>For Class 52 Rating, Deduct</i>	-434.72	
				<i>For Class 54 Rating, Add</i>	296.40	
				<i>For Class 55 Rating, Add</i>	658.80	
40 05 19 00-1334	EA			18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,925.40	562.08
				<i>For Class 52 Rating, Deduct</i>	-448.12	
				<i>For Class 54 Rating, Add</i>	305.53	
				<i>For Class 55 Rating, Add</i>	679.10	
40 05 19 00-1335	EA			18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,050.68	564.38
				<i>For Class 52 Rating, Deduct</i>	-461.51	
				<i>For Class 54 Rating, Add</i>	314.67	
				<i>For Class 55 Rating, Add</i>	699.40	
40 05 19 00-1336	EA			18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,175.94	566.71
				<i>For Class 52 Rating, Deduct</i>	-474.90	
				<i>For Class 54 Rating, Add</i>	323.80	
				<i>For Class 55 Rating, Add</i>	719.69	
40 05 19 00-1337	EA			18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,301.22	569.03
				<i>For Class 52 Rating, Deduct</i>	-488.30	
				<i>For Class 54 Rating, Add</i>	332.93	
				<i>For Class 55 Rating, Add</i>	739.99	
40 05 19 00-1338	EA			18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,426.49	571.35
				<i>For Class 52 Rating, Deduct</i>	-501.69	
				<i>For Class 54 Rating, Add</i>	342.06	
				<i>For Class 55 Rating, Add</i>	760.29	
40 05 19 00-1339	EA			18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,551.76	573.66
				<i>For Class 52 Rating, Deduct</i>	-515.08	
				<i>For Class 54 Rating, Add</i>	351.19	
				<i>For Class 55 Rating, Add</i>	780.58	
40 05 19 00-1340	EA			18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,677.02	575.99
				<i>For Class 52 Rating, Deduct</i>	-528.48	
				<i>For Class 54 Rating, Add</i>	360.32	
				<i>For Class 55 Rating, Add</i>	800.88	
40 05 19 00-1341	EA			18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,802.30	578.31
				<i>For Class 52 Rating, Deduct</i>	-541.87	
				<i>For Class 54 Rating, Add</i>	369.46	
				<i>For Class 55 Rating, Add</i>	821.18	
40 05 19 00-1342	EA			18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,927.56	580.61
				<i>For Class 52 Rating, Deduct</i>	-555.26	
				<i>For Class 54 Rating, Add</i>	378.59	
				<i>For Class 55 Rating, Add</i>	841.47	
40 05 19 00-1343	EA			18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,052.83	582.94
				<i>For Class 52 Rating, Deduct</i>	-568.65	
				<i>For Class 54 Rating, Add</i>	387.72	
				<i>For Class 55 Rating, Add</i>	861.77	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,178.11	585.26
		<i>For Class 52 Rating, Deduct</i>	-582.05	
		<i>For Class 54 Rating, Add</i>	396.85	
		<i>For Class 55 Rating, Add</i>	882.07	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,303.37	587.58
		<i>For Class 52 Rating, Deduct</i>	-595.44	
		<i>For Class 54 Rating, Add</i>	405.98	
		<i>For Class 55 Rating, Add</i>	902.36	
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,937.22	572.74
		<i>For Class 52 Rating, Deduct</i>	-117.64	
		<i>For Class 54 Rating, Add</i>	80.21	
		<i>For Class 55 Rating, Add</i>	178.27	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,080.75	575.06
		<i>For Class 52 Rating, Deduct</i>	-133.04	
		<i>For Class 54 Rating, Add</i>	90.71	
		<i>For Class 55 Rating, Add</i>	201.62	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,224.28	577.37
		<i>For Class 52 Rating, Deduct</i>	-148.44	
		<i>For Class 54 Rating, Add</i>	101.21	
		<i>For Class 55 Rating, Add</i>	224.96	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,367.81	579.70
		<i>For Class 52 Rating, Deduct</i>	-163.84	
		<i>For Class 54 Rating, Add</i>	111.71	
		<i>For Class 55 Rating, Add</i>	248.30	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,511.35	582.01
		<i>For Class 52 Rating, Deduct</i>	-179.25	
		<i>For Class 54 Rating, Add</i>	122.21	
		<i>For Class 55 Rating, Add</i>	271.64	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,654.88	584.33
		<i>For Class 52 Rating, Deduct</i>	-194.65	
		<i>For Class 54 Rating, Add</i>	132.71	
		<i>For Class 55 Rating, Add</i>	294.98	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,798.42	586.65
		<i>For Class 52 Rating, Deduct</i>	-210.05	
		<i>For Class 54 Rating, Add</i>	143.22	
		<i>For Class 55 Rating, Add</i>	318.32	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,941.95	588.97
		<i>For Class 52 Rating, Deduct</i>	-225.45	
		<i>For Class 54 Rating, Add</i>	153.72	
		<i>For Class 55 Rating, Add</i>	341.66	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,085.49	591.29
		<i>For Class 52 Rating, Deduct</i>	-240.85	
		<i>For Class 54 Rating, Add</i>	164.22	
		<i>For Class 55 Rating, Add</i>	365.00	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,229.01	593.60
		<i>For Class 52 Rating, Deduct</i>	-256.26	
		<i>For Class 54 Rating, Add</i>	174.72	
		<i>For Class 55 Rating, Add</i>	388.35	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.54	595.93
		<i>For Class 52 Rating, Deduct</i>	-271.66	
		<i>For Class 54 Rating, Add</i>	185.22	
		<i>For Class 55 Rating, Add</i>	411.69	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,516.08	598.24
		<i>For Class 52 Rating, Deduct</i>	-287.06	
		<i>For Class 54 Rating, Add</i>	195.72	
		<i>For Class 55 Rating, Add</i>	435.03	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,659.61	600.56
		<i>For Class 52 Rating, Deduct</i>	-302.46	
		<i>For Class 54 Rating, Add</i>	206.23	
		<i>For Class 55 Rating, Add</i>	458.37	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,803.15	602.88
		<i>For Class 52 Rating, Deduct</i>	-317.87	
		<i>For Class 54 Rating, Add</i>	216.73	
		<i>For Class 55 Rating, Add</i>	481.71	
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,946.69	605.21
		<i>For Class 52 Rating, Deduct</i>	-333.27	
		<i>For Class 54 Rating, Add</i>	227.23	
		<i>For Class 55 Rating, Add</i>	505.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1362 EA 20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,090.23	607.52
<i>For Class 52 Rating, Deduct</i>	-348.67	
<i>For Class 54 Rating, Add</i>	237.73	
<i>For Class 55 Rating, Add</i>	528.40	
40 05 19 00-1363 EA 20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,233.76	609.83
<i>For Class 52 Rating, Deduct</i>	-364.07	
<i>For Class 54 Rating, Add</i>	248.23	
<i>For Class 55 Rating, Add</i>	551.74	
40 05 19 00-1364 EA 20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,377.29	612.16
<i>For Class 52 Rating, Deduct</i>	-379.48	
<i>For Class 54 Rating, Add</i>	258.73	
<i>For Class 55 Rating, Add</i>	575.08	
40 05 19 00-1365 EA 20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,520.82	614.47
<i>For Class 52 Rating, Deduct</i>	-394.88	
<i>For Class 54 Rating, Add</i>	269.24	
<i>For Class 55 Rating, Add</i>	598.42	
40 05 19 00-1366 EA 20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,664.36	616.80
<i>For Class 52 Rating, Deduct</i>	-410.28	
<i>For Class 54 Rating, Add</i>	279.74	
<i>For Class 55 Rating, Add</i>	621.76	
40 05 19 00-1367 EA 20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,807.89	619.11
<i>For Class 52 Rating, Deduct</i>	-425.68	
<i>For Class 54 Rating, Add</i>	290.24	
<i>For Class 55 Rating, Add</i>	645.10	
40 05 19 00-1368 EA 20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,951.43	621.44
<i>For Class 52 Rating, Deduct</i>	-441.08	
<i>For Class 54 Rating, Add</i>	300.74	
<i>For Class 55 Rating, Add</i>	668.44	
40 05 19 00-1369 EA 20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,094.96	623.75
<i>For Class 52 Rating, Deduct</i>	-456.49	
<i>For Class 54 Rating, Add</i>	311.24	
<i>For Class 55 Rating, Add</i>	691.79	
40 05 19 00-1370 EA 20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,238.49	626.07
<i>For Class 52 Rating, Deduct</i>	-471.89	
<i>For Class 54 Rating, Add</i>	321.74	
<i>For Class 55 Rating, Add</i>	715.13	
40 05 19 00-1371 EA 20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,382.02	628.39
<i>For Class 52 Rating, Deduct</i>	-487.29	
<i>For Class 54 Rating, Add</i>	332.24	
<i>For Class 55 Rating, Add</i>	738.47	
40 05 19 00-1372 EA 20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,525.55	630.71
<i>For Class 52 Rating, Deduct</i>	-502.69	
<i>For Class 54 Rating, Add</i>	342.75	
<i>For Class 55 Rating, Add</i>	761.81	
40 05 19 00-1373 EA 20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,669.09	633.03
<i>For Class 52 Rating, Deduct</i>	-518.10	
<i>For Class 54 Rating, Add</i>	353.25	
<i>For Class 55 Rating, Add</i>	785.15	
40 05 19 00-1374 EA 20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,812.62	635.34
<i>For Class 52 Rating, Deduct</i>	-533.50	
<i>For Class 54 Rating, Add</i>	363.75	
<i>For Class 55 Rating, Add</i>	808.49	
40 05 19 00-1375 EA 20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,956.16	637.67
<i>For Class 52 Rating, Deduct</i>	-548.90	
<i>For Class 54 Rating, Add</i>	374.25	
<i>For Class 55 Rating, Add</i>	831.83	
40 05 19 00-1376 EA 20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,099.69	639.98
<i>For Class 52 Rating, Deduct</i>	-564.30	
<i>For Class 54 Rating, Add</i>	384.75	
<i>For Class 55 Rating, Add</i>	855.17	
40 05 19 00-1377 EA 20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,243.23	642.30
<i>For Class 52 Rating, Deduct</i>	-579.70	
<i>For Class 54 Rating, Add</i>	395.25	
<i>For Class 55 Rating, Add</i>	878.52	
40 05 19 00-1378 EA 20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,386.76	644.62
<i>For Class 52 Rating, Deduct</i>	-595.11	
<i>For Class 54 Rating, Add</i>	405.75	
<i>For Class 55 Rating, Add</i>	901.86	
40 05 19 00-1379 EA 20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,530.29	646.94
<i>For Class 52 Rating, Deduct</i>	-610.51	
<i>For Class 54 Rating, Add</i>	416.26	
<i>For Class 55 Rating, Add</i>	925.20	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,673.82	649.26
		<i>For Class 52 Rating, Deduct</i>	-625.91	
		<i>For Class 54 Rating, Add</i>	426.76	
		<i>For Class 55 Rating, Add</i>	948.54	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,817.36	651.58
		<i>For Class 52 Rating, Deduct</i>	-641.31	
		<i>For Class 54 Rating, Add</i>	437.26	
		<i>For Class 55 Rating, Add</i>	971.88	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,960.89	653.90
		<i>For Class 52 Rating, Deduct</i>	-656.72	
		<i>For Class 54 Rating, Add</i>	447.76	
		<i>For Class 55 Rating, Add</i>	995.22	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,104.43	656.21
		<i>For Class 52 Rating, Deduct</i>	-672.12	
		<i>For Class 54 Rating, Add</i>	458.26	
		<i>For Class 55 Rating, Add</i>	1,018.56	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,247.96	658.53
		<i>For Class 52 Rating, Deduct</i>	-687.52	
		<i>For Class 54 Rating, Add</i>	468.76	
		<i>For Class 55 Rating, Add</i>	1,041.91	
40 05 19 00-1385		24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
		<small>(40 05 19 00-1028)</small>		
40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,361.16	677.08
		<i>For Class 52 Rating, Deduct</i>	-146.88	
		<i>For Class 54 Rating, Add</i>	100.15	
		<i>For Class 55 Rating, Add</i>	222.59	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,538.16	679.40
		<i>For Class 52 Rating, Deduct</i>	-165.96	
		<i>For Class 54 Rating, Add</i>	113.16	
		<i>For Class 55 Rating, Add</i>	251.51	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,715.18	681.72
		<i>For Class 52 Rating, Deduct</i>	-185.05	
		<i>For Class 54 Rating, Add</i>	126.17	
		<i>For Class 55 Rating, Add</i>	280.43	
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,892.20	684.04
		<i>For Class 52 Rating, Deduct</i>	-204.14	
		<i>For Class 54 Rating, Add</i>	139.18	
		<i>For Class 55 Rating, Add</i>	309.36	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,069.22	686.35
		<i>For Class 52 Rating, Deduct</i>	-223.22	
		<i>For Class 54 Rating, Add</i>	152.20	
		<i>For Class 55 Rating, Add</i>	338.28	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,246.23	688.68
		<i>For Class 52 Rating, Deduct</i>	-242.31	
		<i>For Class 54 Rating, Add</i>	165.21	
		<i>For Class 55 Rating, Add</i>	367.20	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,423.25	691.00
		<i>For Class 52 Rating, Deduct</i>	-261.39	
		<i>For Class 54 Rating, Add</i>	178.22	
		<i>For Class 55 Rating, Add</i>	396.13	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,600.27	693.32
		<i>For Class 52 Rating, Deduct</i>	-280.48	
		<i>For Class 54 Rating, Add</i>	191.23	
		<i>For Class 55 Rating, Add</i>	425.05	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.28	695.63
		<i>For Class 52 Rating, Deduct</i>	-299.56	
		<i>For Class 54 Rating, Add</i>	204.25	
		<i>For Class 55 Rating, Add</i>	453.97	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,954.30	697.95
		<i>For Class 52 Rating, Deduct</i>	-318.65	
		<i>For Class 54 Rating, Add</i>	217.26	
		<i>For Class 55 Rating, Add</i>	482.90	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,131.31	700.27
		<i>For Class 52 Rating, Deduct</i>	-337.73	
		<i>For Class 54 Rating, Add</i>	230.27	
		<i>For Class 55 Rating, Add</i>	511.82	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,308.33	702.58
		<i>For Class 52 Rating, Deduct</i>	-356.82	
		<i>For Class 54 Rating, Add</i>	243.29	
		<i>For Class 55 Rating, Add</i>	540.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1398	EA		24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,485.35	704.91
			For Class 52 Rating, Deduct	-375.90	
			For Class 54 Rating, Add	256.30	
			For Class 55 Rating, Add	569.67	
40 05 19 00-1399	EA		24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,662.37	707.23
			For Class 52 Rating, Deduct	-394.99	
			For Class 54 Rating, Add	269.31	
			For Class 55 Rating, Add	598.59	
40 05 19 00-1400	EA		24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,839.38	709.55
			For Class 52 Rating, Deduct	-414.07	
			For Class 54 Rating, Add	282.32	
			For Class 55 Rating, Add	627.51	
40 05 19 00-1401	EA		24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,016.41	711.86
			For Class 52 Rating, Deduct	-433.16	
			For Class 54 Rating, Add	295.34	
			For Class 55 Rating, Add	656.43	
40 05 19 00-1402	EA		24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,193.41	714.19
			For Class 52 Rating, Deduct	-452.25	
			For Class 54 Rating, Add	308.35	
			For Class 55 Rating, Add	685.36	
40 05 19 00-1403	EA		24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,370.43	716.50
			For Class 52 Rating, Deduct	-471.33	
			For Class 54 Rating, Add	321.36	
			For Class 55 Rating, Add	714.28	
40 05 19 00-1404	EA		24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,547.45	718.81
			For Class 52 Rating, Deduct	-490.42	
			For Class 54 Rating, Add	334.37	
			For Class 55 Rating, Add	743.20	
40 05 19 00-1405	EA		24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,724.47	721.14
			For Class 52 Rating, Deduct	-509.50	
			For Class 54 Rating, Add	347.39	
			For Class 55 Rating, Add	772.13	
40 05 19 00-1406	EA		24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,901.49	723.46
			For Class 52 Rating, Deduct	-528.59	
			For Class 54 Rating, Add	360.40	
			For Class 55 Rating, Add	801.05	
40 05 19 00-1407	EA		24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,078.50	725.78
			For Class 52 Rating, Deduct	-547.67	
			For Class 54 Rating, Add	373.41	
			For Class 55 Rating, Add	829.97	
40 05 19 00-1408	EA		24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,255.52	728.09
			For Class 52 Rating, Deduct	-566.76	
			For Class 54 Rating, Add	386.43	
			For Class 55 Rating, Add	858.90	
40 05 19 00-1409	EA		24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,432.54	730.42
			For Class 52 Rating, Deduct	-585.84	
			For Class 54 Rating, Add	399.44	
			For Class 55 Rating, Add	887.82	
40 05 19 00-1410	EA		24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,609.55	732.74
			For Class 52 Rating, Deduct	-604.93	
			For Class 54 Rating, Add	412.45	
			For Class 55 Rating, Add	916.74	
40 05 19 00-1411	EA		24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,786.56	735.05
			For Class 52 Rating, Deduct	-624.01	
			For Class 54 Rating, Add	425.46	
			For Class 55 Rating, Add	945.66	
40 05 19 00-1412	EA		24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,963.59	737.37
			For Class 52 Rating, Deduct	-643.10	
			For Class 54 Rating, Add	438.48	
			For Class 55 Rating, Add	974.59	
40 05 19 00-1413	EA		24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,140.60	739.70
			For Class 52 Rating, Deduct	-662.18	
			For Class 54 Rating, Add	451.49	
			For Class 55 Rating, Add	1,003.51	
40 05 19 00-1414	EA		24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,317.62	742.01
			For Class 52 Rating, Deduct	-681.27	
			For Class 54 Rating, Add	464.50	
			For Class 55 Rating, Add	1,032.43	
40 05 19 00-1415	EA		24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,554.36	783.74
			For Class 52 Rating, Deduct	-700.36	
			For Class 54 Rating, Add	477.52	
			For Class 55 Rating, Add	1,061.36	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,731.38	786.06
		<i>For Class 52 Rating, Deduct</i>	-719.44	
		<i>For Class 54 Rating, Add</i>	490.53	
		<i>For Class 55 Rating, Add</i>	1,090.28	
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,908.39	788.39
		<i>For Class 52 Rating, Deduct</i>	-738.53	
		<i>For Class 54 Rating, Add</i>	503.54	
		<i>For Class 55 Rating, Add</i>	1,119.20	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,085.41	790.70
		<i>For Class 52 Rating, Deduct</i>	-757.61	
		<i>For Class 54 Rating, Add</i>	516.55	
		<i>For Class 55 Rating, Add</i>	1,148.13	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,262.43	793.02
		<i>For Class 52 Rating, Deduct</i>	-776.70	
		<i>For Class 54 Rating, Add</i>	529.57	
		<i>For Class 55 Rating, Add</i>	1,177.05	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,439.44	795.34
		<i>For Class 52 Rating, Deduct</i>	-795.78	
		<i>For Class 54 Rating, Add</i>	542.58	
		<i>For Class 55 Rating, Add</i>	1,205.97	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,616.47	797.67
		<i>For Class 52 Rating, Deduct</i>	-814.87	
		<i>For Class 54 Rating, Add</i>	555.59	
		<i>For Class 55 Rating, Add</i>	1,234.90	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,793.47	799.97
		<i>For Class 52 Rating, Deduct</i>	-833.95	
		<i>For Class 54 Rating, Add</i>	568.60	
		<i>For Class 55 Rating, Add</i>	1,263.82	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,970.49	802.30
		<i>For Class 52 Rating, Deduct</i>	-853.04	
		<i>For Class 54 Rating, Add</i>	581.62	
		<i>For Class 55 Rating, Add</i>	1,292.74	
40 05 19 00-1424		30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,557.92	955.34
		<i>For Class 52 Rating, Deduct</i>	-232.15	
		<i>For Class 54 Rating, Add</i>	158.28	
		<i>For Class 55 Rating, Add</i>	351.81	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,812.06	957.65
		<i>For Class 52 Rating, Deduct</i>	-259.72	
		<i>For Class 54 Rating, Add</i>	177.08	
		<i>For Class 55 Rating, Add</i>	393.59	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,066.18	959.97
		<i>For Class 52 Rating, Deduct</i>	-287.28	
		<i>For Class 54 Rating, Add</i>	195.88	
		<i>For Class 55 Rating, Add</i>	435.37	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,320.32	962.29
		<i>For Class 52 Rating, Deduct</i>	-314.85	
		<i>For Class 54 Rating, Add</i>	214.67	
		<i>For Class 55 Rating, Add</i>	477.15	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,574.45	964.62
		<i>For Class 52 Rating, Deduct</i>	-342.42	
		<i>For Class 54 Rating, Add</i>	233.47	
		<i>For Class 55 Rating, Add</i>	518.92	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,828.58	966.93
		<i>For Class 52 Rating, Deduct</i>	-369.99	
		<i>For Class 54 Rating, Add</i>	252.26	
		<i>For Class 55 Rating, Add</i>	560.70	
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,082.71	969.25
		<i>For Class 52 Rating, Deduct</i>	-397.56	
		<i>For Class 54 Rating, Add</i>	271.06	
		<i>For Class 55 Rating, Add</i>	602.48	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,336.83	971.57
		<i>For Class 52 Rating, Deduct</i>	-425.12	
		<i>For Class 54 Rating, Add</i>	289.86	
		<i>For Class 55 Rating, Add</i>	644.26	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,590.96	973.89
		<i>For Class 52 Rating, Deduct</i>	-452.69	
		<i>For Class 54 Rating, Add</i>	308.65	
		<i>For Class 55 Rating, Add</i>	686.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1434 EA 30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,845.10	976.20
For Class 52 Rating, Deduct	-480.26	
For Class 54 Rating, Add	327.45	
For Class 55 Rating, Add	727.81	
40 05 19 00-1435 EA 30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,099.22	978.53
For Class 52 Rating, Deduct	-507.83	
For Class 54 Rating, Add	346.25	
For Class 55 Rating, Add	769.59	
40 05 19 00-1436 EA 30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,353.36	980.85
For Class 52 Rating, Deduct	-535.40	
For Class 54 Rating, Add	365.04	
For Class 55 Rating, Add	811.37	
40 05 19 00-1437 EA 30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,607.48	983.15
For Class 52 Rating, Deduct	-562.96	
For Class 54 Rating, Add	383.84	
For Class 55 Rating, Add	853.14	
40 05 19 00-1438 EA 30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,861.62	985.48
For Class 52 Rating, Deduct	-590.53	
For Class 54 Rating, Add	402.63	
For Class 55 Rating, Add	894.92	
40 05 19 00-1439 EA 30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,115.75	987.80
For Class 52 Rating, Deduct	-618.10	
For Class 54 Rating, Add	421.43	
For Class 55 Rating, Add	936.70	
40 05 19 00-1440 EA 30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,369.86	990.12
For Class 52 Rating, Deduct	-645.67	
For Class 54 Rating, Add	440.23	
For Class 55 Rating, Add	978.48	
40 05 19 00-1441 EA 30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,624.00	992.43
For Class 52 Rating, Deduct	-673.23	
For Class 54 Rating, Add	459.02	
For Class 55 Rating, Add	1,020.26	
40 05 19 00-1442 EA 30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,878.12	994.76
For Class 52 Rating, Deduct	-700.80	
For Class 54 Rating, Add	477.82	
For Class 55 Rating, Add	1,062.03	
40 05 19 00-1443 EA 30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,132.26	997.08
For Class 52 Rating, Deduct	-728.37	
For Class 54 Rating, Add	496.62	
For Class 55 Rating, Add	1,103.81	
40 05 19 00-1444 EA 30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,386.39	999.39
For Class 52 Rating, Deduct	-755.94	
For Class 54 Rating, Add	515.41	
For Class 55 Rating, Add	1,145.59	
40 05 19 00-1445 EA 30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,640.52	1,001.71
For Class 52 Rating, Deduct	-783.50	
For Class 54 Rating, Add	534.21	
For Class 55 Rating, Add	1,187.37	
40 05 19 00-1446 EA 30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,894.65	1,004.03
For Class 52 Rating, Deduct	-811.07	
For Class 54 Rating, Add	553.00	
For Class 55 Rating, Add	1,229.14	
40 05 19 00-1447 EA 30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,148.77	1,006.35
For Class 52 Rating, Deduct	-838.64	
For Class 54 Rating, Add	571.80	
For Class 55 Rating, Add	1,270.92	
40 05 19 00-1448 EA 30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,402.90	1,008.66
For Class 52 Rating, Deduct	-866.21	
For Class 54 Rating, Add	590.60	
For Class 55 Rating, Add	1,312.70	
40 05 19 00-1449 EA 30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,657.04	1,010.99
For Class 52 Rating, Deduct	-893.78	
For Class 54 Rating, Add	609.39	
For Class 55 Rating, Add	1,354.48	
40 05 19 00-1450 EA 30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,911.16	1,013.31
For Class 52 Rating, Deduct	-921.34	
For Class 54 Rating, Add	628.19	
For Class 55 Rating, Add	1,396.25	
40 05 19 00-1451 EA 30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,165.30	1,015.62
For Class 52 Rating, Deduct	-948.91	
For Class 54 Rating, Add	646.99	
For Class 55 Rating, Add	1,438.03	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,419.43	1,017.94
		<i>For Class 52 Rating, Deduct</i>	-976.48	
		<i>For Class 54 Rating, Add</i>	665.78	
		<i>For Class 55 Rating, Add</i>	1,479.81	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,673.55	1,020.27
		<i>For Class 52 Rating, Deduct</i>	-1,004.05	
		<i>For Class 54 Rating, Add</i>	684.58	
		<i>For Class 55 Rating, Add</i>	1,521.59	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,927.69	1,022.59
		<i>For Class 52 Rating, Deduct</i>	-1,031.62	
		<i>For Class 54 Rating, Add</i>	703.37	
		<i>For Class 55 Rating, Add</i>	1,563.37	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,181.80	1,024.89
		<i>For Class 52 Rating, Deduct</i>	-1,059.18	
		<i>For Class 54 Rating, Add</i>	722.17	
		<i>For Class 55 Rating, Add</i>	1,605.14	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,435.94	1,027.22
		<i>For Class 52 Rating, Deduct</i>	-1,086.75	
		<i>For Class 54 Rating, Add</i>	740.97	
		<i>For Class 55 Rating, Add</i>	1,646.92	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,690.07	1,029.54
		<i>For Class 52 Rating, Deduct</i>	-1,114.32	
		<i>For Class 54 Rating, Add</i>	759.76	
		<i>For Class 55 Rating, Add</i>	1,688.70	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,944.20	1,031.85
		<i>For Class 52 Rating, Deduct</i>	-1,141.89	
		<i>For Class 54 Rating, Add</i>	778.56	
		<i>For Class 55 Rating, Add</i>	1,730.48	
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,198.33	1,034.17
		<i>For Class 52 Rating, Deduct</i>	-1,169.45	
		<i>For Class 54 Rating, Add</i>	797.36	
		<i>For Class 55 Rating, Add</i>	1,772.25	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,452.46	1,036.50
		<i>For Class 52 Rating, Deduct</i>	-1,197.02	
		<i>For Class 54 Rating, Add</i>	816.15	
		<i>For Class 55 Rating, Add</i>	1,814.03	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,706.59	1,038.82
		<i>For Class 52 Rating, Deduct</i>	-1,224.59	
		<i>For Class 54 Rating, Add</i>	834.95	
		<i>For Class 55 Rating, Add</i>	1,855.81	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,960.72	1,041.13
		<i>For Class 52 Rating, Deduct</i>	-1,252.16	
		<i>For Class 54 Rating, Add</i>	853.74	
		<i>For Class 55 Rating, Add</i>	1,897.59	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe

(40 05 19 00-1028)

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,839.31	1,210.40
		<i>For Class 52 Rating, Deduct</i>	-330.59	
		<i>For Class 54 Rating, Add</i>	225.40	
		<i>For Class 55 Rating, Add</i>	500.99	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,183.73	1,212.73
		<i>For Class 52 Rating, Deduct</i>	-368.09	
		<i>For Class 54 Rating, Add</i>	250.97	
		<i>For Class 55 Rating, Add</i>	557.82	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,528.17	1,215.04
		<i>For Class 52 Rating, Deduct</i>	-405.59	
		<i>For Class 54 Rating, Add</i>	276.54	
		<i>For Class 55 Rating, Add</i>	614.66	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,872.60	1,217.36
		<i>For Class 52 Rating, Deduct</i>	-443.09	
		<i>For Class 54 Rating, Add</i>	302.11	
		<i>For Class 55 Rating, Add</i>	671.49	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,217.03	1,219.68
		<i>For Class 52 Rating, Deduct</i>	-480.59	
		<i>For Class 54 Rating, Add</i>	327.68	
		<i>For Class 55 Rating, Add</i>	728.32	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,561.47	1,221.99
		<i>For Class 52 Rating, Deduct</i>	-518.10	
		<i>For Class 54 Rating, Add</i>	353.25	
		<i>For Class 55 Rating, Add</i>	785.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1470 EA 36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,905.90	1,224.31
<i>For Class 52 Rating, Deduct</i>	-555.60	
<i>For Class 54 Rating, Add</i>	378.82	
<i>For Class 55 Rating, Add</i>	841.98	
40 05 19 00-1471 EA 36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,250.34	1,226.63
<i>For Class 52 Rating, Deduct</i>	-593.10	
<i>For Class 54 Rating, Add</i>	404.39	
<i>For Class 55 Rating, Add</i>	898.81	
40 05 19 00-1472 EA 36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,594.77	1,228.96
<i>For Class 52 Rating, Deduct</i>	-630.60	
<i>For Class 54 Rating, Add</i>	429.95	
<i>For Class 55 Rating, Add</i>	955.64	
40 05 19 00-1473 EA 36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,939.20	1,231.27
<i>For Class 52 Rating, Deduct</i>	-668.10	
<i>For Class 54 Rating, Add</i>	455.52	
<i>For Class 55 Rating, Add</i>	1,012.48	
40 05 19 00-1474 EA 36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,283.62	1,233.59
<i>For Class 52 Rating, Deduct</i>	-705.60	
<i>For Class 54 Rating, Add</i>	481.09	
<i>For Class 55 Rating, Add</i>	1,069.31	
40 05 19 00-1475 EA 36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,628.06	1,235.91
<i>For Class 52 Rating, Deduct</i>	-743.10	
<i>For Class 54 Rating, Add</i>	506.66	
<i>For Class 55 Rating, Add</i>	1,126.14	
40 05 19 00-1476 EA 36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,972.49	1,238.23
<i>For Class 52 Rating, Deduct</i>	-780.60	
<i>For Class 54 Rating, Add</i>	532.23	
<i>For Class 55 Rating, Add</i>	1,182.97	
40 05 19 00-1477 EA 36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,316.93	1,240.54
<i>For Class 52 Rating, Deduct</i>	-818.10	
<i>For Class 54 Rating, Add</i>	557.80	
<i>For Class 55 Rating, Add</i>	1,239.80	
40 05 19 00-1478 EA 36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,661.36	1,242.86
<i>For Class 52 Rating, Deduct</i>	-855.61	
<i>For Class 54 Rating, Add</i>	583.37	
<i>For Class 55 Rating, Add</i>	1,296.63	
40 05 19 00-1479 EA 36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,005.80	1,245.19
<i>For Class 52 Rating, Deduct</i>	-893.11	
<i>For Class 54 Rating, Add</i>	608.94	
<i>For Class 55 Rating, Add</i>	1,353.46	
40 05 19 00-1480 EA 36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,350.22	1,247.50
<i>For Class 52 Rating, Deduct</i>	-930.61	
<i>For Class 54 Rating, Add</i>	634.51	
<i>For Class 55 Rating, Add</i>	1,410.29	
40 05 19 00-1481 EA 36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,694.66	1,249.82
<i>For Class 52 Rating, Deduct</i>	-968.11	
<i>For Class 54 Rating, Add</i>	660.07	
<i>For Class 55 Rating, Add</i>	1,467.13	
40 05 19 00-1482 EA 36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,039.09	1,252.14
<i>For Class 52 Rating, Deduct</i>	-1,005.61	
<i>For Class 54 Rating, Add</i>	685.64	
<i>For Class 55 Rating, Add</i>	1,523.96	
40 05 19 00-1483 EA 36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,383.52	1,254.47
<i>For Class 52 Rating, Deduct</i>	-1,043.11	
<i>For Class 54 Rating, Add</i>	711.21	
<i>For Class 55 Rating, Add</i>	1,580.79	
40 05 19 00-1484 EA 36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,727.95	1,256.77
<i>For Class 52 Rating, Deduct</i>	-1,080.61	
<i>For Class 54 Rating, Add</i>	736.78	
<i>For Class 55 Rating, Add</i>	1,637.62	
40 05 19 00-1485 EA 36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,072.38	1,259.10
<i>For Class 52 Rating, Deduct</i>	-1,118.11	
<i>For Class 54 Rating, Add</i>	762.35	
<i>For Class 55 Rating, Add</i>	1,694.45	
40 05 19 00-1486 EA 36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,416.82	1,261.42
<i>For Class 52 Rating, Deduct</i>	-1,155.61	
<i>For Class 54 Rating, Add</i>	787.92	
<i>For Class 55 Rating, Add</i>	1,751.28	
40 05 19 00-1487 EA 36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,761.24	1,263.73
<i>For Class 52 Rating, Deduct</i>	-1,193.12	
<i>For Class 54 Rating, Add</i>	813.49	
<i>For Class 55 Rating, Add</i>	1,808.11	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,105.68	1,266.05
		<i>For Class 52 Rating, Deduct</i>	-1,230.62	
		<i>For Class 54 Rating, Add</i>	839.06	
		<i>For Class 55 Rating, Add</i>	1,864.94	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,450.11	1,268.37
		<i>For Class 52 Rating, Deduct</i>	-1,268.12	
		<i>For Class 54 Rating, Add</i>	864.63	
		<i>For Class 55 Rating, Add</i>	1,921.77	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,794.55	1,270.70
		<i>For Class 52 Rating, Deduct</i>	-1,305.62	
		<i>For Class 54 Rating, Add</i>	890.19	
		<i>For Class 55 Rating, Add</i>	1,978.61	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,138.98	1,273.00
		<i>For Class 52 Rating, Deduct</i>	-1,343.12	
		<i>For Class 54 Rating, Add</i>	915.76	
		<i>For Class 55 Rating, Add</i>	2,035.44	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,483.42	1,275.33
		<i>For Class 52 Rating, Deduct</i>	-1,380.62	
		<i>For Class 54 Rating, Add</i>	941.33	
		<i>For Class 55 Rating, Add</i>	2,092.27	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,827.85	1,277.65
		<i>For Class 52 Rating, Deduct</i>	-1,418.12	
		<i>For Class 54 Rating, Add</i>	966.90	
		<i>For Class 55 Rating, Add</i>	2,149.10	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,172.28	1,279.96
		<i>For Class 52 Rating, Deduct</i>	-1,455.62	
		<i>For Class 54 Rating, Add</i>	992.47	
		<i>For Class 55 Rating, Add</i>	2,205.93	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,516.70	1,282.28
		<i>For Class 52 Rating, Deduct</i>	-1,493.12	
		<i>For Class 54 Rating, Add</i>	1,018.04	
		<i>For Class 55 Rating, Add</i>	2,262.76	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,861.13	1,284.61
		<i>For Class 52 Rating, Deduct</i>	-1,530.62	
		<i>For Class 54 Rating, Add</i>	1,043.61	
		<i>For Class 55 Rating, Add</i>	2,319.59	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,205.57	1,286.93
		<i>For Class 52 Rating, Deduct</i>	-1,568.13	
		<i>For Class 54 Rating, Add</i>	1,069.18	
		<i>For Class 55 Rating, Add</i>	2,376.42	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,550.00	1,289.23
		<i>For Class 52 Rating, Deduct</i>	-1,605.63	
		<i>For Class 54 Rating, Add</i>	1,094.75	
		<i>For Class 55 Rating, Add</i>	2,433.25	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,894.44	1,291.56
		<i>For Class 52 Rating, Deduct</i>	-1,643.13	
		<i>For Class 54 Rating, Add</i>	1,120.31	
		<i>For Class 55 Rating, Add</i>	2,490.09	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,238.87	1,293.88
		<i>For Class 52 Rating, Deduct</i>	-1,680.63	
		<i>For Class 54 Rating, Add</i>	1,145.88	
		<i>For Class 55 Rating, Add</i>	2,546.92	
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,583.31	1,296.19
		<i>For Class 52 Rating, Deduct</i>	-1,718.13	
		<i>For Class 54 Rating, Add</i>	1,171.45	
		<i>For Class 55 Rating, Add</i>	2,603.75	
40 05 19 00-1502		42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
		<small>(40 05 19 00-1028)</small>		
40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,340.89	1,525.76
		<i>For Class 52 Rating, Deduct</i>	-443.21	
		<i>For Class 54 Rating, Add</i>	302.19	
		<i>For Class 55 Rating, Add</i>	671.66	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,853.74	1,528.07
		<i>For Class 52 Rating, Deduct</i>	-499.23	
		<i>For Class 54 Rating, Add</i>	340.39	
		<i>For Class 55 Rating, Add</i>	756.56	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,360.53	1,530.39
		<i>For Class 52 Rating, Deduct</i>	-554.59	
		<i>For Class 54 Rating, Add</i>	378.13	
		<i>For Class 55 Rating, Add</i>	840.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1506 EA 42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,872.37	1,532.71
<i>For Class 52 Rating, Deduct</i>	-610.51	
<i>For Class 54 Rating, Add</i>	416.26	
<i>For Class 55 Rating, Add</i>	925.20	
40 05 19 00-1507 EA 42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,379.15	1,535.04
<i>For Class 52 Rating, Deduct</i>	-665.87	
<i>For Class 54 Rating, Add</i>	454.00	
<i>For Class 55 Rating, Add</i>	1,009.09	
40 05 19 00-1508 EA 42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,892.01	1,537.34
<i>For Class 52 Rating, Deduct</i>	-721.90	
<i>For Class 54 Rating, Add</i>	492.20	
<i>For Class 55 Rating, Add</i>	1,094.00	
40 05 19 00-1509 EA 42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,397.77	1,539.67
<i>For Class 52 Rating, Deduct</i>	-777.14	
<i>For Class 54 Rating, Add</i>	529.87	
<i>For Class 55 Rating, Add</i>	1,177.73	
40 05 19 00-1510 EA 42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,910.63	1,541.99
<i>For Class 52 Rating, Deduct</i>	-833.17	
<i>For Class 54 Rating, Add</i>	568.07	
<i>For Class 55 Rating, Add</i>	1,262.63	
40 05 19 00-1511 EA 42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,417.41	1,544.31
<i>For Class 52 Rating, Deduct</i>	-888.53	
<i>For Class 54 Rating, Add</i>	605.82	
<i>For Class 55 Rating, Add</i>	1,346.53	
40 05 19 00-1512 EA 42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,929.25	1,546.62
<i>For Class 52 Rating, Deduct</i>	-944.45	
<i>For Class 54 Rating, Add</i>	643.94	
<i>For Class 55 Rating, Add</i>	1,431.27	
40 05 19 00-1513 EA 42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,436.03	1,548.94
<i>For Class 52 Rating, Deduct</i>	-999.81	
<i>For Class 54 Rating, Add</i>	681.69	
<i>For Class 55 Rating, Add</i>	1,515.16	
40 05 19 00-1514 EA 42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,947.88	1,551.27
<i>For Class 52 Rating, Deduct</i>	-1,055.72	
<i>For Class 54 Rating, Add</i>	719.81	
<i>For Class 55 Rating, Add</i>	1,599.90	
40 05 19 00-1515 EA 42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,454.65	1,553.57
<i>For Class 52 Rating, Deduct</i>	-1,111.08	
<i>For Class 54 Rating, Add</i>	757.56	
<i>For Class 55 Rating, Add</i>	1,683.79	
40 05 19 00-1516 EA 42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,962.45	1,555.90
<i>For Class 52 Rating, Deduct</i>	-1,166.55	
<i>For Class 54 Rating, Add</i>	795.38	
<i>For Class 55 Rating, Add</i>	1,767.86	
40 05 19 00-1517 EA 42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,473.27	1,558.22
<i>For Class 52 Rating, Deduct</i>	-1,222.36	
<i>For Class 54 Rating, Add</i>	833.43	
<i>For Class 55 Rating, Add</i>	1,852.43	
40 05 19 00-1518 EA 42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,980.05	1,560.54
<i>For Class 52 Rating, Deduct</i>	-1,277.72	
<i>For Class 54 Rating, Add</i>	871.17	
<i>For Class 55 Rating, Add</i>	1,936.32	
40 05 19 00-1519 EA 42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,492.91	1,562.85
<i>For Class 52 Rating, Deduct</i>	-1,333.74	
<i>For Class 54 Rating, Add</i>	909.37	
<i>For Class 55 Rating, Add</i>	2,021.23	
40 05 19 00-1520 EA 42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,999.69	1,565.18
<i>For Class 52 Rating, Deduct</i>	-1,389.10	
<i>For Class 54 Rating, Add</i>	947.12	
<i>For Class 55 Rating, Add</i>	2,105.12	
40 05 19 00-1521 EA 42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,511.53	1,567.50
<i>For Class 52 Rating, Deduct</i>	-1,445.02	
<i>For Class 54 Rating, Add</i>	985.24	
<i>For Class 55 Rating, Add</i>	2,189.86	
40 05 19 00-1522 EA 42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,018.32	1,569.80
<i>For Class 52 Rating, Deduct</i>	-1,500.38	
<i>For Class 54 Rating, Add</i>	1,022.99	
<i>For Class 55 Rating, Add</i>	2,273.76	
40 05 19 00-1523 EA 42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,531.17	1,572.13
<i>For Class 52 Rating, Deduct</i>	-1,556.41	
<i>For Class 54 Rating, Add</i>	1,061.19	
<i>For Class 55 Rating, Add</i>	2,358.66	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,037.95	1,574.45
		<i>For Class 52 Rating, Deduct</i>	-1,611.77	
		<i>For Class 54 Rating, Add</i>	1,098.93	
		<i>For Class 55 Rating, Add</i>	2,442.56	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,549.79	1,576.77
		<i>For Class 52 Rating, Deduct</i>	-1,667.68	
		<i>For Class 54 Rating, Add</i>	1,137.06	
		<i>For Class 55 Rating, Add</i>	2,527.30	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,056.57	1,579.08
		<i>For Class 52 Rating, Deduct</i>	-1,723.04	
		<i>For Class 54 Rating, Add</i>	1,174.80	
		<i>For Class 55 Rating, Add</i>	2,611.19	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,569.43	1,581.41
		<i>For Class 52 Rating, Deduct</i>	-1,779.07	
		<i>For Class 54 Rating, Add</i>	1,213.00	
		<i>For Class 55 Rating, Add</i>	2,696.10	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,076.20	1,583.73
		<i>For Class 52 Rating, Deduct</i>	-1,834.43	
		<i>For Class 54 Rating, Add</i>	1,250.75	
		<i>For Class 55 Rating, Add</i>	2,779.99	
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,587.04	1,586.04
		<i>For Class 52 Rating, Deduct</i>	-1,890.23	
		<i>For Class 54 Rating, Add</i>	1,288.80	
		<i>For Class 55 Rating, Add</i>	2,864.56	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,094.83	1,588.36
		<i>For Class 52 Rating, Deduct</i>	-1,945.70	
		<i>For Class 54 Rating, Add</i>	1,326.62	
		<i>For Class 55 Rating, Add</i>	2,948.63	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,500.14	1,590.68
		<i>For Class 52 Rating, Deduct</i>	-1,989.90	
		<i>For Class 54 Rating, Add</i>	1,356.75	
		<i>For Class 55 Rating, Add</i>	3,015.61	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,113.45	1,593.00
		<i>For Class 52 Rating, Deduct</i>	-2,056.98	
		<i>For Class 54 Rating, Add</i>	1,402.49	
		<i>For Class 55 Rating, Add</i>	3,117.26	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,620.23	1,595.31
		<i>For Class 52 Rating, Deduct</i>	-2,112.34	
		<i>For Class 54 Rating, Add</i>	1,440.23	
		<i>For Class 55 Rating, Add</i>	3,201.15	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,132.07	1,597.64
		<i>For Class 52 Rating, Deduct</i>	-2,168.26	
		<i>For Class 54 Rating, Add</i>	1,478.36	
		<i>For Class 55 Rating, Add</i>	3,285.89	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,638.85	1,599.96
		<i>For Class 52 Rating, Deduct</i>	-2,223.61	
		<i>For Class 54 Rating, Add</i>	1,516.10	
		<i>For Class 55 Rating, Add</i>	3,369.79	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,151.71	1,602.28
		<i>For Class 52 Rating, Deduct</i>	-2,279.64	
		<i>For Class 54 Rating, Add</i>	1,554.30	
		<i>For Class 55 Rating, Add</i>	3,454.69	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,657.48	1,604.59
		<i>For Class 52 Rating, Deduct</i>	-2,334.89	
		<i>For Class 54 Rating, Add</i>	1,591.97	
		<i>For Class 55 Rating, Add</i>	3,538.42	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,170.34	1,606.92
		<i>For Class 52 Rating, Deduct</i>	-2,390.92	
		<i>For Class 54 Rating, Add</i>	1,630.17	
		<i>For Class 55 Rating, Add</i>	3,623.33	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,677.11	1,609.23
		<i>For Class 52 Rating, Deduct</i>	-2,446.28	
		<i>For Class 54 Rating, Add</i>	1,667.92	
		<i>For Class 55 Rating, Add</i>	3,707.22	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,188.95	1,611.54
		<i>For Class 52 Rating, Deduct</i>	-2,502.19	
		<i>For Class 54 Rating, Add</i>	1,706.04	
		<i>For Class 55 Rating, Add</i>	3,791.96	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1542	EA		48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,145.09	1,917.62
			For Class 52 Rating, Deduct	-576.36	
			For Class 54 Rating, Add	392.97	
			For Class 55 Rating, Add	873.44	
40 05 19 00-1543	EA		48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,890.31	1,919.95
			For Class 52 Rating, Deduct	-657.94	
			For Class 54 Rating, Add	448.60	
			For Class 55 Rating, Add	997.08	
40 05 19 00-1544	EA		48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,634.51	1,922.26
			For Class 52 Rating, Deduct	-739.42	
			For Class 54 Rating, Add	504.15	
			For Class 55 Rating, Add	1,120.56	
40 05 19 00-1545	EA		48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,384.80	1,924.59
			For Class 52 Rating, Deduct	-821.56	
			For Class 54 Rating, Add	560.16	
			For Class 55 Rating, Add	1,245.04	
40 05 19 00-1546	EA		48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,130.02	1,926.90
			For Class 52 Rating, Deduct	-903.15	
			For Class 54 Rating, Add	615.79	
			For Class 55 Rating, Add	1,368.69	
40 05 19 00-1547	EA		48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,875.24	1,929.23
			For Class 52 Rating, Deduct	-984.74	
			For Class 54 Rating, Add	671.41	
			For Class 55 Rating, Add	1,492.33	
40 05 19 00-1548	EA		48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,624.51	1,931.54
			For Class 52 Rating, Deduct	-1,066.77	
			For Class 54 Rating, Add	727.34	
			For Class 55 Rating, Add	1,616.64	
40 05 19 00-1549	EA		48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,370.75	1,933.86
			For Class 52 Rating, Deduct	-1,148.47	
			For Class 54 Rating, Add	783.05	
			For Class 55 Rating, Add	1,740.46	
40 05 19 00-1550	EA		48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,114.93	1,936.18
			For Class 52 Rating, Deduct	-1,229.95	
			For Class 54 Rating, Add	838.60	
			For Class 55 Rating, Add	1,863.93	
40 05 19 00-1551	EA		48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,865.23	1,938.49
			For Class 52 Rating, Deduct	-1,312.09	
			For Class 54 Rating, Add	894.61	
			For Class 55 Rating, Add	1,988.42	
40 05 19 00-1552	EA		48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,610.44	1,940.82
			For Class 52 Rating, Deduct	-1,393.68	
			For Class 54 Rating, Add	950.24	
			For Class 55 Rating, Add	2,112.06	
40 05 19 00-1553	EA		48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,360.72	1,943.13
			For Class 52 Rating, Deduct	-1,475.82	
			For Class 54 Rating, Add	1,006.24	
			For Class 55 Rating, Add	2,236.54	
40 05 19 00-1554	EA		48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,104.93	1,945.46
			For Class 52 Rating, Deduct	-1,557.30	
			For Class 54 Rating, Add	1,061.80	
			For Class 55 Rating, Add	2,360.02	
40 05 19 00-1555	EA		48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,850.14	1,947.77
			For Class 52 Rating, Deduct	-1,638.89	
			For Class 54 Rating, Add	1,117.42	
			For Class 55 Rating, Add	2,483.66	
40 05 19 00-1556	EA		48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,600.44	1,950.10
			For Class 52 Rating, Deduct	-1,721.03	
			For Class 54 Rating, Add	1,173.43	
			For Class 55 Rating, Add	2,608.15	
40 05 19 00-1557	EA		48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,345.64	1,952.41
			For Class 52 Rating, Deduct	-1,802.62	
			For Class 54 Rating, Add	1,229.06	
			For Class 55 Rating, Add	2,731.79	
40 05 19 00-1558	EA		48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,089.85	1,954.73
			For Class 52 Rating, Deduct	-1,884.10	
			For Class 54 Rating, Add	1,284.61	
			For Class 55 Rating, Add	2,855.26	
40 05 19 00-1559	EA		48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,840.13	1,957.05
			For Class 52 Rating, Deduct	-1,966.24	
			For Class 54 Rating, Add	1,340.62	
			For Class 55 Rating, Add	2,979.75	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1560	EA		48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,585.35	1,959.36
			<i>For Class 52 Rating, Deduct</i>	-2,047.83	
			<i>For Class 54 Rating, Add</i>	1,396.25	
			<i>For Class 55 Rating, Add</i>	3,103.39	
40 05 19 00-1561	EA		48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,329.55	1,961.68
			<i>For Class 52 Rating, Deduct</i>	-2,129.30	
			<i>For Class 54 Rating, Add</i>	1,451.80	
			<i>For Class 55 Rating, Add</i>	3,226.86	
40 05 19 00-1562	EA		48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,079.85	1,964.00
			<i>For Class 52 Rating, Deduct</i>	-2,211.45	
			<i>For Class 54 Rating, Add</i>	1,507.81	
			<i>For Class 55 Rating, Add</i>	3,351.35	
40 05 19 00-1563	EA		48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,826.07	1,966.33
			<i>For Class 52 Rating, Deduct</i>	-2,293.15	
			<i>For Class 54 Rating, Add</i>	1,563.51	
			<i>For Class 55 Rating, Add</i>	3,475.16	
40 05 19 00-1564	EA		48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,570.28	1,968.64
			<i>For Class 52 Rating, Deduct</i>	-2,374.62	
			<i>For Class 54 Rating, Add</i>	1,619.06	
			<i>For Class 55 Rating, Add</i>	3,598.63	
40 05 19 00-1565	EA		48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,320.56	1,970.96
			<i>For Class 52 Rating, Deduct</i>	-2,456.77	
			<i>For Class 54 Rating, Add</i>	1,675.07	
			<i>For Class 55 Rating, Add</i>	3,723.12	
40 05 19 00-1566	EA		48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,065.78	1,973.28
			<i>For Class 52 Rating, Deduct</i>	-2,538.36	
			<i>For Class 54 Rating, Add</i>	1,730.70	
			<i>For Class 55 Rating, Add</i>	3,846.76	
40 05 19 00-1567	EA		48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,809.97	1,975.60
			<i>For Class 52 Rating, Deduct</i>	-2,619.83	
			<i>For Class 54 Rating, Add</i>	1,786.25	
			<i>For Class 55 Rating, Add</i>	3,970.23	
40 05 19 00-1568	EA		48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,560.26	1,977.91
			<i>For Class 52 Rating, Deduct</i>	-2,701.98	
			<i>For Class 54 Rating, Add</i>	1,842.26	
			<i>For Class 55 Rating, Add</i>	4,094.72	
40 05 19 00-1569	EA		48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,305.48	1,980.24
			<i>For Class 52 Rating, Deduct</i>	-2,783.56	
			<i>For Class 54 Rating, Add</i>	1,897.88	
			<i>For Class 55 Rating, Add</i>	4,218.36	
40 05 19 00-1570	EA		48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,959.38	1,982.56
			<i>For Class 52 Rating, Deduct</i>	-2,855.11	
			<i>For Class 54 Rating, Add</i>	1,946.66	
			<i>For Class 55 Rating, Add</i>	4,326.78	
40 05 19 00-1571	EA		48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,800.99	1,984.87
			<i>For Class 52 Rating, Deduct</i>	-2,947.30	
			<i>For Class 54 Rating, Add</i>	2,009.52	
			<i>For Class 55 Rating, Add</i>	4,466.49	
40 05 19 00-1572	EA		48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,545.18	1,987.19
			<i>For Class 52 Rating, Deduct</i>	-3,028.77	
			<i>For Class 54 Rating, Add</i>	2,065.07	
			<i>For Class 55 Rating, Add</i>	4,589.97	
40 05 19 00-1573	EA		48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,296.49	1,989.51
			<i>For Class 52 Rating, Deduct</i>	-3,111.03	
			<i>For Class 54 Rating, Add</i>	2,121.16	
			<i>For Class 55 Rating, Add</i>	4,714.62	
40 05 19 00-1574	EA		48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,040.68	1,991.83
			<i>For Class 52 Rating, Deduct</i>	-3,192.50	
			<i>For Class 54 Rating, Add</i>	2,176.71	
			<i>For Class 55 Rating, Add</i>	4,838.09	
40 05 19 00-1575	EA		48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,784.89	1,994.14
			<i>For Class 52 Rating, Deduct</i>	-3,273.98	
			<i>For Class 54 Rating, Add</i>	2,232.26	
			<i>For Class 55 Rating, Add</i>	4,961.57	
40 05 19 00-1576	EA		48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,536.19	1,996.47
			<i>For Class 52 Rating, Deduct</i>	-3,356.24	
			<i>For Class 54 Rating, Add</i>	2,288.34	
			<i>For Class 55 Rating, Add</i>	5,086.22	
40 05 19 00-1577	EA		48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,280.40	1,998.79
			<i>For Class 52 Rating, Deduct</i>	-3,437.71	
			<i>For Class 54 Rating, Add</i>	2,343.89	
			<i>For Class 55 Rating, Add</i>	5,209.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1578	EA		48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,025.61	2,001.11
			<i>For Class 52 Rating, Deduct</i>	-3,519.30	
			<i>For Class 54 Rating, Add</i>	2,399.52	
			<i>For Class 55 Rating, Add</i>	5,333.34	
40 05 19 00-1579	EA		48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,775.89	2,003.42
			<i>For Class 52 Rating, Deduct</i>	-3,601.44	
			<i>For Class 54 Rating, Add</i>	2,455.53	
			<i>For Class 55 Rating, Add</i>	5,457.82	
40 05 19 00-1580			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1581	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	308.52	111.87
40 05 19 00-1582	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	431.86	143.06
40 05 19 00-1583	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	599.63	162.04
40 05 19 00-1584	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	873.37	205.44
40 05 19 00-1585	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,077.74	227.81
40 05 19 00-1586	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,338.87	247.47
40 05 19 00-1587	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,649.41	305.10
40 05 19 00-1588	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,159.89	366.13
40 05 19 00-1589	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,661.88	461.05
40 05 19 00-1590	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,027.71	522.06
40 05 19 00-1591	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,751.12	691.57
40 05 19 00-1592	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,546.13	783.10
40 05 19 00-1593	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	15,937.40	894.97
40 05 19 00-1594	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	21,209.20	1,098.37
40 05 19 00-1595			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1596	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	293.30	111.87
40 05 19 00-1597	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	407.51	143.06
40 05 19 00-1598	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	537.74	162.04
40 05 19 00-1599	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	784.08	205.44
40 05 19 00-1600	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	964.10	227.81
40 05 19 00-1601	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,107.53	247.47
40 05 19 00-1602	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,393.72	305.10
40 05 19 00-1603	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,815.93	366.13
40 05 19 00-1604	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,348.35	461.05
40 05 19 00-1605	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,082.07	522.06
40 05 19 00-1606	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	6,059.14	691.57
40 05 19 00-1607	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	9,040.84	783.10
40 05 19 00-1608	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	13,765.06	894.97
40 05 19 00-1609	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	18,751.74	1,098.37
40 05 19 00-1610			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1611	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	292.28	111.87
40 05 19 00-1612	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	399.40	143.06
40 05 19 00-1613	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	530.63	162.04
40 05 19 00-1614	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	763.79	205.44
40 05 19 00-1615	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,008.74	227.81
40 05 19 00-1616	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,248.56	247.47
40 05 19 00-1617	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,425.17	305.10
40 05 19 00-1618	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,854.48	366.13
40 05 19 00-1619	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,515.77	461.05
40 05 19 00-1620	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,463.57	522.06
40 05 19 00-1621	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	6,127.12	691.57
40 05 19 00-1622	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,197.09	783.10
40 05 19 00-1623	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	14,076.55	894.97
40 05 19 00-1624	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	19,157.60	1,098.37
40 05 19 00-1625			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1626	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	317.65	111.87
40 05 19 00-1627	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	447.08	143.06
40 05 19 00-1628	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	550.93	162.04
40 05 19 00-1629	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	835.83	205.44
40 05 19 00-1630	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,141.66	227.81
40 05 19 00-1631	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,283.06	247.47
40 05 19 00-1632	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,569.25	305.10
40 05 19 00-1633	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,854.48	366.13
40 05 19 00-1634	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,515.77	461.05
40 05 19 00-1635	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,600.55	522.06
40 05 19 00-1636	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	6,195.10	691.57
40 05 19 00-1637	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,264.06	783.10
40 05 19 00-1638	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	14,147.58	894.97
40 05 19 00-1639	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	19,300.66	1,098.37

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for item code (40 05 19 00-1640), description (Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows), and unit costs. Includes a sub-section for (40 05 19 00-0001).

Table with columns for item code (40 05 19 00-1705), description (Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows), and unit costs. Includes a sub-section for (40 05 19 00-0001).

Table with 4 columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST

40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base

Table listing various ductile iron elbow specifications (4" to 48") with corresponding unit costs and demolition costs.

40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees

Table listing various ductile iron tee specifications (4" to 42") with corresponding unit costs and demolition costs.

40 05 19 00-1748 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees

Table listing various ductile iron reducing tee specifications (6" x 4" to 30" x 12") with corresponding unit costs and demolition costs.

40 Process Interconnections
40 05 Common Work Results For Process Interconnections
40 05 19 Ductile Iron Process Pipe



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	7,574.78	598.34
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	7,747.05	667.84
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	7,848.19	705.13
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,102.61	800.05
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,335.58	840.73
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,023.14	708.86
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,715.37	721.74
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,793.68	758.69
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,882.73	773.26
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,925.09	786.49
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,044.22	835.64
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,117.89	869.55
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,315.05	940.74
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,570.89	976.33
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,121.27	1,120.40
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	17,797.57	613.25
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,115.26	665.46
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,142.48	683.43
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,190.97	700.04
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,343.97	769.54
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,520.19	806.83
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,664.02	901.75
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,916.40	942.43
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	21,424.17	1,145.83
40 05 19 00-1822	EA	48" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	27,481.03	1,252.61
40 05 19 00-1823	EA	48" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	21,798.61	793.61
40 05 19 00-1824	EA	48" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	21,823.78	810.22
40 05 19 00-1825	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,000.10	879.71
40 05 19 00-1826	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,056.59	917.01
40 05 19 00-1827	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,294.78	1,011.93
40 05 19 00-1828	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,523.83	1,052.60
40 05 19 00-1829	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,166.85	1,256.01

40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base (40 05 19 00-0001)

40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	564.45	179.67
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	762.06	221.03
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	1,093.31	246.80
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	1,649.69	320.70
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	2,198.15	349.85
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	2,452.30	376.29
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	3,045.67	474.60
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	3,692.24	542.40
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	4,921.60	684.78
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	7,034.39	755.97
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	11,740.59	1,044.13
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	16,668.49	1,196.68

40 05 19 00-1843 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes (40 05 19 00-0001)

40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	467.04	179.67
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	646.39	221.03
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	917.78	246.80
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,205.28	320.70
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,693.87	349.85
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	2,180.37	376.29

40 05 19 00-1850 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses (40 05 19 00-0001)

40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	641.81	247.47
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	833.45	268.15
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	886.28	299.00
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,014.64	272.56
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,108.66	308.49
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,150.70	331.55
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,299.15	294.26
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,431.73	330.19
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,564.06	353.24
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,941.02	435.96
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,665.14	305.44
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,758.14	341.38
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,891.49	364.42
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,287.72	447.14
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,165.92	471.90
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,083.51	351.20
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,215.85	374.26
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,477.14	456.97
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,690.16	481.72
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,822.00	505.11
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,477.23	380.02
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,627.82	403.07
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,889.12	485.79
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,121.42	510.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2039	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,294.25	793.27
40 05 19 00-2040	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	12,463.75	839.03
40 05 19 00-2041	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	13,897.62	903.44
40 05 19 00-2042	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	15,518.36	949.21
40 05 19 00-2043	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	17,369.59	1,005.14
40 05 19 00-2044			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges (40		
			<small>05 19 00-0001)</small>		
40 05 19 00-2045	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	130.69	44.07
40 05 19 00-2046	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	196.03	65.09
40 05 19 00-2047	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	280.47	77.29
40 05 19 00-2048	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	382.17	90.17
40 05 19 00-2049	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	491.03	105.77
40 05 19 00-2050	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	644.49	118.65
40 05 19 00-2051	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	768.59	135.60
40 05 19 00-2052	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,042.53	189.84
40 05 19 00-2053	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,381.28	237.30
40 05 19 00-2054	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,956.53	288.16
40 05 19 00-2055	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	2,742.75	335.62
40 05 19 00-2056	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	4,847.73	369.51
40 05 19 00-2057	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	6,809.73	406.81
40 05 19 00-2058	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	8,982.00	457.65
40 05 19 00-2059			Ductile Iron Bolt Packs (40 05 19)		
			Note: Labor installation is included with pipe fittings or valves.		
40 05 19 00-2060	EA		4" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	36.78	
			Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	10.30	
			For Hot Dip Galvanized, Add	14.71	
40 05 19 00-2061	EA		6" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	56.75	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	15.89	
			For Hot Dip Galvanized, Add	22.70	
40 05 19 00-2062	EA		8" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	61.62	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	17.25	
			For Hot Dip Galvanized, Add	24.65	
40 05 19 00-2063	EA		10" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	138.42	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	38.76	
			For Hot Dip Galvanized, Add	55.37	
40 05 19 00-2064	EA		12" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	139.64	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	39.10	
			For Hot Dip Galvanized, Add	55.86	
40 05 19 00-2065	EA		14" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	156.45	
			Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	43.81	
			For Hot Dip Galvanized, Add	62.58	
40 05 19 00-2066	EA		16" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	263.00	
			Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	73.64	
			For Hot Dip Galvanized, Add	105.20	
40 05 19 00-2067	EA		18" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	382.08	
			Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	106.98	
			For Hot Dip Galvanized, Add	152.83	
40 05 19 00-2068	EA		20" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	482.42	
			Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	135.08	
			For Hot Dip Galvanized, Add	192.97	
40 05 19 00-2069	EA		24" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	690.25	
			Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	193.27	
			For Hot Dip Galvanized, Add	276.10	
40 05 19 00-2070	EA		30" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,090.70	
			Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	305.40	
			For Hot Dip Galvanized, Add	436.28	
40 05 19 00-2071	EA		36" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,555.91	
			Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	435.65	
			For Hot Dip Galvanized, Add	622.36	
40 05 19 00-2072	EA		42" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	2,001.64	
			Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	560.46	
			For Hot Dip Galvanized, Add	800.66	
40 05 19 00-2073	EA		48" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	2,446.44	
			Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	685.00	
			For Hot Dip Galvanized, Add	978.58	
40 05 19 00-2074			Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 (40 05 19)		
			Note: Labor installation is included with pipe fittings or valves.		
40 05 19 00-2075			Full Face Flange Styrene Butadiene (SBR) Gaskets (40 05 19 00-2074)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-2076	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	6.15
40 05 19 00-2077	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	7.82
40 05 19 00-2078	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	10.62
40 05 19 00-2079	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	12.29
40 05 19 00-2080	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	13.41
40 05 19 00-2081	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	22.35
40 05 19 00-2082	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	27.38
40 05 19 00-2083	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	29.06
40 05 19 00-2084	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	44.70
40 05 19 00-2085	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	48.05
40 05 19 00-2086	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	62.02
40 05 19 00-2087	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	70.96
40 05 19 00-2088	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	75.99
40 05 19 00-2089	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	83.25

40 05 19 00-2090 Full Face Flange Nitrile Buna-N (NBR) Gaskets (40 05 19 00-2074)

Note: (Acrylonitrile Butadiene)

40 05 19 00-2091	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	19.00
40 05 19 00-2092	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	26.82
40 05 19 00-2093	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	41.35
40 05 19 00-2094	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	45.26
40 05 19 00-2095	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	48.61
40 05 19 00-2096	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	91.64
40 05 19 00-2097	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	112.87
40 05 19 00-2098	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	113.43
40 05 19 00-2099	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	117.90
40 05 19 00-2100	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	124.60
40 05 19 00-2101	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	138.01
40 05 19 00-2102	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	151.98
40 05 19 00-2103	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	216.24
40 05 19 00-2104	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	236.35

40 05 19 00-2105 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets (40 05 19 00-2074)

19 00-2074

40 05 19 00-2106	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	16.76
40 05 19 00-2107	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	21.79
40 05 19 00-2108	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	29.61
40 05 19 00-2109	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	34.64
40 05 19 00-2110	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	38.55
40 05 19 00-2111	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	63.70
40 05 19 00-2112	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	76.55
40 05 19 00-2113	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	77.11
40 05 19 00-2114	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	78.78
40 05 19 00-2115	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	91.64
40 05 19 00-2116	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	112.31
40 05 19 00-2117	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	127.95
40 05 19 00-2118	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	183.27
40 05 19 00-2119	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	202.27

40 05 19 00-2120 Full Face Flange Neoprene Gaskets (40 05 19 00-2074)

Note: (Polychloroprene)

40 05 19 00-2121	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick.....	19.56
40 05 19 00-2122	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick.....	27.38
40 05 19 00-2123	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick.....	41.91
40 05 19 00-2124	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick.....	45.26
40 05 19 00-2125	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick.....	48.61
40 05 19 00-2126	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick.....	64.82
40 05 19 00-2127	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick.....	113.98
40 05 19 00-2128	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick.....	114.54
40 05 19 00-2129	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick.....	121.25
40 05 19 00-2130	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick.....	122.92
40 05 19 00-2131	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick.....	133.54
40 05 19 00-2132	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick.....	150.30
40 05 19 00-2133	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick.....	217.91
40 05 19 00-2134	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick.....	238.59

40 05 19 00-2135 Full Face Flange FKM Gaskets (40 05 19 00-2074)

Note: (Fluoroelastomer Fluorel Viton®)

40 05 19 00-2136	EA	4" Full Face Flange FKM Gasket, 1/8" Thick.....	57.07
40 05 19 00-2137	EA	6" Full Face Flange FKM Gasket, 1/8" Thick.....	84.98
40 05 19 00-2138	EA	8" Full Face Flange FKM Gasket, 1/8" Thick.....	113.51
40 05 19 00-2139	EA	10" Full Face Flange FKM Gasket, 1/8" Thick.....	136.98
40 05 19 00-2140	EA	12" Full Face Flange FKM Gasket, 1/8" Thick.....	178.20
40 05 19 00-2141	EA	14" Full Face Flange FKM Gasket, 1/8" Thick.....	325.95
40 05 19 00-2142	EA	16" Full Face Flange FKM Gasket, 1/8" Thick.....	373.51
40 05 19 00-2143	EA	18" Full Face Flange FKM Gasket, 1/8" Thick.....	391.27
40 05 19 00-2144	EA	20" Full Face Flange FKM Gasket, 1/8" Thick.....	417.27
40 05 19 00-2145	EA	24" Full Face Flange FKM Gasket, 1/8" Thick.....	577.08
40 05 19 00-2146	EA	30" Full Face Flange FKM Gasket, 1/8" Thick.....	691.86
40 05 19 00-2147	EA	36" Full Face Flange FKM Gasket, 1/8" Thick.....	729.91
40 05 19 00-2148	EA	42" Full Face Flange FKM Gasket, 1/8" Thick.....	910.01
40 05 19 00-2149	EA	48" Full Face Flange FKM Gasket, 1/8" Thick.....	953.76

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-2150 Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) (40 05 19)			
40 05 19 00-2151	EA 4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	287.50	60.83
40 05 19 00-2152	EA 6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	396.06	74.26
40 05 19 00-2153	EA 8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	581.33	90.57
40 05 19 00-2154	EA 10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	794.90	110.48
40 05 19 00-2155	EA 12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,007.80	134.73
40 05 19 00-2156	EA 14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,605.84	164.37
40 05 19 00-2157	EA 16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,510.61	200.60
40 05 19 00-2158	EA 18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,601.97	244.67
40 05 19 00-2159	EA 20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,187.41	298.56
40 05 19 00-2160	EA 24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,559.57	364.17
40 05 19 00-2161	EA 30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,581.09	444.37
40 05 19 00-2162	EA 36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,780.09	542.07
40 05 19 00-2163	EA 42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	17,482.84	661.38
40 05 19 00-2164	EA 48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	22,321.47	806.84

40 05 23 Stainless Steel Process Pipe and Tubing (40 05)

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe (40 05 23)

40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly (40 05 23 23)			
Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.			
40 05 23 23-0002	LF 1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	28.09	8.38
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		2.92	
For Work In Restricted Working Space, Add		5.06	
40 05 23 23-0003	LF 3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	31.80	9.61
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		3.06	
For Work In Restricted Working Space, Add		6.01	
40 05 23 23-0004	LF 1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	37.02	10.84
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		3.59	
For Work In Restricted Working Space, Add		6.97	
40 05 23 23-0005	LF 1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	42.43	13.10
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		4.53	
For Work In Restricted Working Space, Add		7.50	
40 05 23 23-0006	LF 1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	46.77	13.47
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		5.19	
For Work In Restricted Working Space, Add		8.04	
40 05 23 23-0007	LF 2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	56.64	17.80
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		6.33	
For Work In Restricted Working Space, Add		9.69	
40 05 23 23-0008	LF 2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	81.86	21.95
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		10.88	
For Work In Restricted Working Space, Add		12.00	
40 05 23 23-0009	LF 3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	103.45	25.43
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Type 316, Add		14.17	
For Work In Restricted Working Space, Add		14.69	
40 05 23 23-0010	LF 4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	140.59	25.43
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
For Work In Restricted Working Space, Add		18.63	

40 05 23 23-0011 Stainless Steel Tubing And Fittings (40 05 23 23)

40 05 23 23-0012 Type 304 Tubing (40 05 23 23-0011)

40 05 23 23-0013 0.035" Wall (40 05 23 23-0012)

40 05 23 23-0014	LF 1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	7.30	2.77
For Work In Restricted Working Space, Add		1.64	
40 05 23 23-0015	LF 3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	8.48	3.28
For Work In Restricted Working Space, Add		1.97	
40 05 23 23-0016	LF 1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	10.12	3.89
For Work In Restricted Working Space, Add		2.31	
40 05 23 23-0017	LF 5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	16.20	4.39
For Work In Restricted Working Space, Add		2.63	
40 05 23 23-0018	LF 3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	19.17	4.91
For Work In Restricted Working Space, Add		2.97	
40 05 23 23-0019	LF 7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	21.21	5.52
For Work In Restricted Working Space, Add		3.30	
40 05 23 23-0020	LF 1", 0.035" Wall, Type 304, Stainless Steel Tubing	23.78	6.65
For Work In Restricted Working Space, Add		3.96	

40 05 23 23-0021 0.049" Wall (40 05 23 23-0012)

40 05 23 23-0022	LF 1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	11.97	3.28
For Work In Restricted Working Space, Add		1.97	
40 05 23 23-0023	LF 3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	13.36	3.89
For Work In Restricted Working Space, Add		2.31	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0024	LF		1/2", 0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	16.03 2.63	4.39
40 05 23 23-0025	LF		5/8", 0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	20.28 3.30	5.52
40 05 23 23-0026	LF		3/4", 0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	23.25 3.96	6.65
40 05 23 23-0027	LF		7/8", 0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	26.17 4.62	7.67
40 05 23 23-0028	LF		1", 0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	30.17 5.25	8.70
40 05 23 23-0029			0.065" Wall <small>(40 05 23 23-0012)</small>		
40 05 23 23-0030	LF		1/4", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	13.97 2.31	3.89
40 05 23 23-0031	LF		3/8", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	16.07 2.63	4.39
40 05 23 23-0032	LF		1/2", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	19.83 3.30	5.52
40 05 23 23-0033	LF		5/8", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	23.33 3.96	6.65
40 05 23 23-0034	LF		3/4", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	27.51 4.62	7.67
40 05 23 23-0035	LF		7/8", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	31.59 5.25	8.70
40 05 23 23-0036	LF		1", 0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	35.60 5.90	9.83
40 05 23 23-0037			Type 304 Tube Fittings <small>(40 05 23 23-0011)</small>		
40 05 23 23-0038			90 Degree Elbows <small>(40 05 23 23-0037)</small>		
40 05 23 23-0039	EA		1/4", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	44.92 6.60	11.05
40 05 23 23-0040	EA		3/8", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	52.97 7.22	12.07
40 05 23 23-0041	EA		1/2", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	79.09 8.18	13.61
40 05 23 23-0042	EA		5/8", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	84.59 9.16	15.25
40 05 23 23-0043	EA		3/4", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	94.53 9.90	16.47
40 05 23 23-0044	EA		7/8", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	128.46 10.96	18.31
40 05 23 23-0045	EA		1", Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	163.35 13.06	21.79
40 05 23 23-0046			Union Tees <small>(40 05 23 23-0037)</small>		
40 05 23 23-0047	EA		1/4", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	71.11 9.90	16.47
40 05 23 23-0048	EA		3/8", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	85.98 10.96	18.31
40 05 23 23-0049	EA		1/2", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	116.77 12.28	20.46
40 05 23 23-0050	EA		5/8", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	125.84 13.95	23.22
40 05 23 23-0051	EA		3/4", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	160.00 14.97	24.96
40 05 23 23-0052	EA		7/8", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	252.33 16.59	27.63
40 05 23 23-0053	EA		1", Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	302.39 19.80	33.05
40 05 23 23-0054			Unions <small>(40 05 23 23-0037)</small>		
40 05 23 23-0055	EA		1/4", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	68.08 9.90	16.47
40 05 23 23-0056	EA		3/8", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	87.69 10.96	18.31
40 05 23 23-0057	EA		1/2", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	117.89 12.28	20.46
40 05 23 23-0058	EA		5/8", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	143.45 13.95	23.22
40 05 23 23-0059	EA		3/4", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	170.72 14.97	24.96
40 05 23 23-0060	EA		7/8", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	260.88 16.59	27.63
40 05 23 23-0061	EA		1", Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	278.16 19.80	33.05
40 05 23 23-0062			Male Connectors <small>(40 05 23 23-0037)</small>		
40 05 23 23-0063	EA		1/4" x 1/4", Type 304, Stainless Steel, Male Connection..... <i>For Work In Restricted Working Space, Add</i>	34.06 6.60	11.05
40 05 23 23-0064	EA		3/8" x 3/8", Type 304, Stainless Steel, Male Connection..... <i>For Work In Restricted Working Space, Add</i>	42.30 7.22	12.07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0065 EA 1/2" x 1/2", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	54.54 8.18	13.61
40 05 23 23-0066 EA 5/8" x 5/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	61.45 9.16	15.25
40 05 23 23-0067 EA 3/4" x 3/4", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	73.96 9.90	16.47
40 05 23 23-0068 EA 7/8" x 7/8", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	110.42 10.96	18.31
40 05 23 23-0069 EA 1" x 1", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	116.03 13.06	21.79
40 05 23 23-0070 Type 304 Valves (40 05 23 23-0011)		
40 05 23 23-0071 Gate Valves (40 05 23 23-0070)		
40 05 23 23-0072 EA 1/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	164.40 8.94	16.47
40 05 23 23-0073 EA 3/8" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	274.09 9.41	19.34
40 05 23 23-0074 EA 1/2" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	286.27 13.06	21.79
40 05 23 23-0075 EA 3/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	317.58 14.97	24.96
40 05 23 23-0076 EA 1" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	294.68 19.80	33.05
40 05 23 23-0077 Globe Valves (40 05 23 23-0070)		
40 05 23 23-0078 EA 1/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	166.61 8.94	16.47
40 05 23 23-0079 EA 3/8" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	111.89 9.41	19.34
40 05 23 23-0080 EA 1/2" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	199.03 13.06	21.79
40 05 23 23-0081 EA 3/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	221.77 14.97	24.96
40 05 23 23-0082 EA 1" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	322.45 19.80	33.05
40 05 23 23-0083 Check Valves (40 05 23 23-0070)		
40 05 23 23-0084 EA 1/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	231.42 8.94	16.47
40 05 23 23-0085 EA 3/8" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	232.99 9.41	19.34
40 05 23 23-0086 EA 1/2" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	156.25 13.06	21.79
40 05 23 23-0087 EA 3/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	164.24 14.97	24.96
40 05 23 23-0088 EA 1" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	183.61 19.80	33.05
40 05 23 23-0089 Plug Valves (40 05 23 23-0070)		
40 05 23 23-0090 EA 1/2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	357.55 13.06	21.79
40 05 23 23-0091 EA 3/4" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	391.82 14.97	24.96
40 05 23 23-0092 EA 1" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	445.14 19.80	33.05
40 05 23 23-0093 EA 1-1/2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	615.59 22.40	37.34
40 05 23 23-0094 EA 2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	802.41 30.69	51.15
40 05 23 23-0095 Type 316 Tubing (40 05 23 23-0011)		
40 05 23 23-0096 0.035" Wall (40 05 23 23-0095)		
40 05 23 23-0097 LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	7.58 1.64	2.77
40 05 23 23-0098 LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	9.84 1.97	3.28
40 05 23 23-0099 LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	10.95 2.31	3.89
40 05 23 23-0100 LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	18.39 2.63	4.39
40 05 23 23-0101 LF 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	20.87 2.97	4.91
40 05 23 23-0102 LF 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	26.44 3.30	5.52
40 05 23 23-0103 LF 1" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	27.83 3.96	6.65
40 05 23 23-0104 0.049" Wall (40 05 23 23-0095)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0105	LF 1/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	13.14 1.97	3.28
40 05 23 23-0106	LF 3/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	14.59 2.31	3.89
40 05 23 23-0107	LF 1/2" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	17.19 2.63	4.39
40 05 23 23-0108	LF 5/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	22.41 3.30	5.52
40 05 23 23-0109	LF 3/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	25.90 3.96	6.65
40 05 23 23-0110	LF 7/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	32.97 4.62	7.67
40 05 23 23-0111	LF 1" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	33.74 5.25	8.70
40 05 23 23-0112	0.065" Wall <small>(40 05 23 23-0095)</small>		
40 05 23 23-0113	LF 1/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	15.37 2.31	3.89
40 05 23 23-0114	LF 3/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	17.14 2.63	4.39
40 05 23 23-0115	LF 1/2" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	21.51 3.30	5.52
40 05 23 23-0116	LF 5/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	25.64 3.96	6.65
40 05 23 23-0117	LF 3/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	31.04 4.62	7.67
40 05 23 23-0118	LF 7/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	34.22 5.25	8.70
40 05 23 23-0119	LF 1" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	39.83 5.90	9.83
40 05 23 23-0120	Type 316 Tube Fittings <small>(40 05 23 23-0011)</small>		
40 05 23 23-0121	90 Degree Elbows <small>(40 05 23 23-0120)</small>		
40 05 23 23-0122	EA 1/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	61.46 6.60	11.05
40 05 23 23-0123	EA 3/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	73.84 7.22	12.07
40 05 23 23-0124	EA 1/2" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	116.50 8.18	13.61
40 05 23 23-0125	EA 5/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	123.62 9.16	15.25
40 05 23 23-0126	EA 3/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	138.95 9.90	16.47
40 05 23 23-0127	EA 7/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	194.82 10.96	18.31
40 05 23 23-0128	EA 1" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	249.86 13.06	21.79
40 05 23 23-0129	Union Tees <small>(40 05 23 23-0120)</small>		
40 05 23 23-0130	EA 1/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	98.63 9.90	16.47
40 05 23 23-0131	EA 3/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	121.68 10.96	18.31
40 05 23 23-0132	EA 1/2" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	171.53 12.28	20.46
40 05 23 23-0133	EA 5/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	183.11 13.95	23.22
40 05 23 23-0134	EA 3/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	239.49 14.97	24.96
40 05 23 23-0135	EA 7/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	394.58 16.59	27.63
40 05 23 23-0136	EA 1" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	473.05 19.80	33.05
40 05 23 23-0137	Unions <small>(40 05 23 23-0120)</small>		
40 05 23 23-0138	EA 1/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	63.88 9.90	16.47
40 05 23 23-0139	EA 3/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	81.58 10.96	18.31
40 05 23 23-0140	EA 1/2" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	108.69 12.28	20.46
40 05 23 23-0141	EA 5/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	131.86 13.95	23.22
40 05 23 23-0142	EA 3/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	156.27 14.97	24.96
40 05 23 23-0143	EA 7/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	236.31 16.59	27.63
40 05 23 23-0144	EA 1" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	252.80 19.80	33.05
40 05 23 23-0145	Male Connectors <small>(40 05 23 23-0120)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0146 EA 1/4" x 1/4" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	42.59 6.60	11.05
40 05 23 23-0147 EA 3/8" x 3/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	55.18 7.22	12.07
40 05 23 23-0148 EA 1/2" x 1/2" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	73.82 8.18	13.61
40 05 23 23-0149 EA 5/8" x 5/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	83.30 9.16	15.25
40 05 23 23-0150 EA 3/4" x 3/4" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	102.92 9.90	16.47
40 05 23 23-0151 EA 7/8" x 7/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	162.65 10.96	18.31
40 05 23 23-0152 EA 1" x 1" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	167.29 13.06	21.79
40 05 23 23-0153 Type 316 Valves (40 05 23 23-0011)		
40 05 23 23-0154 Gate Valves (40 05 23 23-0153)		
40 05 23 23-0155 EA 1/4" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	207.86 8.94	16.47
40 05 23 23-0156 EA 3/8" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	352.46 9.41	19.34
40 05 23 23-0157 EA 1/2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	364.64 13.06	21.79
40 05 23 23-0158 EA 3/4" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	404.01 14.97	24.96
40 05 23 23-0159 EA 1" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	368.51 19.80	33.05
40 05 23 23-0160 EA 1-1/4" Gate Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	503.33 20.57	34.27
40 05 23 23-0161 EA 1-1/2" Gate Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	803.94 22.40	37.34
40 05 23 23-0162 EA 2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	957.98 30.69	51.15
40 05 23 23-0163 EA 2-1/2" Gate Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,445.70 98.24	163.79
40 05 23 23-0164 Globe Valves (40 05 23 23-0153)		
40 05 23 23-0165 EA 1/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	210.78 8.94	16.47
40 05 23 23-0166 EA 3/8" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	137.89 9.41	19.34
40 05 23 23-0167 EA 1/2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	249.23 13.06	21.79
40 05 23 23-0168 EA 3/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	277.26 14.97	24.96
40 05 23 23-0169 EA 1" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	405.25 19.80	33.05
40 05 23 23-0170 EA 1-1/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	504.22 20.41	34.06
40 05 23 23-0171 EA 1-1/2" Globe Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	833.11 22.40	37.34
40 05 23 23-0172 EA 2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	987.15 30.69	51.15
40 05 23 23-0173 EA 2-1/2" Globe Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,260.95 98.24	163.79
40 05 23 23-0174 Check Valves (40 05 23 23-0153)		
40 05 23 23-0175 EA 1/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	296.52 8.94	16.47
40 05 23 23-0176 EA 3/8" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	298.09 9.41	19.34
40 05 23 23-0177 EA 1/2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	192.64 13.06	21.79
40 05 23 23-0178 EA 3/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	201.16 14.97	24.96
40 05 23 23-0179 EA 1" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	221.58 19.80	33.05
40 05 23 23-0180 EA 1-1/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	303.67 20.57	34.27
40 05 23 23-0181 EA 1-1/2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	667.81 22.40	37.34
40 05 23 23-0182 EA 2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	812.13 30.69	51.15
40 05 23 23-0183 EA 2-1/2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,623.97 98.24	163.79
40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined (40 05 23 23-0153)		
40 05 23 23-0185 EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	319.97 13.06	21.79
40 05 23 23-0186 EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	373.65 14.97	24.96

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0187	EA		1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	476.85 19.80	33.05
40 05 23 23-0188	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	756.26 22.40	37.34
40 05 23 23-0189	EA		2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined..... <i>For Work In Restricted Working Space, Add</i>	1,056.53 30.69	51.15
40 05 23 23-0190			Diaphragm Valves, Teflon Lined (40 05 23 23-0153)		
40 05 23 23-0191	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	422.20 13.06	21.79
40 05 23 23-0192	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	485.36 14.97	24.96
40 05 23 23-0193	EA		1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	588.56 19.80	33.05
40 05 23 23-0194	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	913.40 22.40	37.34
40 05 23 23-0195	EA		2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	1,243.97 30.69	51.15
40 05 23 23-0196			Strainers (40 05 23 23-0153)		
40 05 23 23-0197	EA		1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	423.19 13.06	21.79
40 05 23 23-0198	EA		3/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	506.22 15.04	25.06
40 05 23 23-0199	EA		1" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	662.44 19.95	33.25
40 05 23 23-0200	EA		1-1/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	820.97 20.57	34.27
40 05 23 23-0201	EA		1-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,029.15 22.40	37.34
40 05 23 23-0202	EA		2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,483.56 30.69	51.15
40 05 23 23-0203	EA		2-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,038.31 40.82	68.04
40 05 23 23-0204	EA		3" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,969.08 61.38	102.30
40 05 23 23-0205	EA		4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,807.92 98.21	163.69
40 05 23 23-0206			Plug Valves (40 05 23 23-0153)		
40 05 23 23-0207	EA		1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	450.63 13.06	21.79
40 05 23 23-0208	EA		3/4" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	493.18 14.97	24.96
40 05 23 23-0209	EA		1" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	557.52 19.80	33.05
40 05 23 23-0210	EA		1-1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	775.93 22.40	37.34
40 05 23 23-0211	EA		2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,009.94 30.69	51.15
40 05 23 23-0212			Cut And Prepare Existing Pipe In-Place (40 05 23 23-0011) Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213	EA		Cut And Prepare 1/2" Stainless Steel Pipe.....	20.45	
40 05 23 23-0214	EA		Cut And Prepare 3/4" Stainless Steel Pipe.....	22.09	
40 05 23 23-0215	EA		Cut And Prepare 1" Stainless Steel Pipe.....	24.85	
40 05 23 23-0216	EA		Cut And Prepare 1-1/4" Stainless Steel Pipe.....	26.08	
40 05 23 23-0217	EA		Cut And Prepare 1-1/2" Stainless Steel Pipe.....	27.61	
40 05 23 23-0218	EA		Cut And Prepare 2" Stainless Steel Pipe.....	29.66	
40 05 23 23-0219	EA		Cut And Prepare 2-1/2" Stainless Steel Pipe.....	31.71	
40 05 23 23-0220	EA		Cut And Prepare 3" Stainless Steel Pipe.....	34.77	
40 05 23 23-0221	EA		Cut And Prepare 4" Stainless Steel Pipe.....	37.84	
40 05 23 23-0222	EA		Cut And Prepare 6" Stainless Steel Pipe.....	40.91	
40 05 23 23-0223	EA		Cut And Prepare 8" Stainless Steel Pipe.....	43.98	
40 05 23 23-0224	EA		Cut And Prepare 10" Stainless Steel Pipe.....	48.07	
40 05 23 23-0225	EA		Cut And Prepare 12" Stainless Steel Pipe.....	52.16	
40 05 23 23-0226	EA		Cut And Prepare 14" Stainless Steel Pipe.....	56.25	
40 05 23 23-0227	EA		Cut And Prepare 16" Stainless Steel Pipe.....	60.34	
40 05 23 23-0228	EA		Cut And Prepare 18" Stainless Steel Pipe.....	63.41	
40 05 23 23-0229	EA		Cut And Prepare 20" Stainless Steel Pipe.....	66.48	
40 05 23 23-0230	EA		Cut And Prepare 24" Stainless Steel Pipe.....	70.57	
40 05 23 23-0231			Stainless Steel Pipe And Fittings (40 05 23 23)		
40 05 23 23-0232			Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings (40 05 23 23-0231)		
40 05 23 23-0233			Type 304, Schedule 40 Stainless Steel Threaded Pipe (40 05 23 23-0232)		
40 05 23 23-0234	LF		1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	14.31 2.63	4.39
40 05 23 23-0235	LF		3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	17.65 3.30	5.52

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0236 LF 1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	21.65 3.96	6.65
40 05 23 23-0237 LF 1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	25.94 4.62	7.67
40 05 23 23-0238 LF 1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	29.97 5.25	8.70
40 05 23 23-0239 LF 2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	38.24 6.60	11.05
40 05 23 23-0240 LF 2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	51.30 7.87	13.09
40 05 23 23-0241 LF 3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	64.48 9.90	16.47
40 05 23 23-0242 LF 4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	87.13 13.06	21.79
40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows (40 05 23 23-0232)		
40 05 23 23-0244 EA 1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	35.32 9.90	16.47
40 05 23 23-0245 EA 3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	46.86 13.06	21.79
40 05 23 23-0246 EA 1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	60.14 16.59	27.63
40 05 23 23-0247 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	84.05 22.73	37.85
40 05 23 23-0248 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	99.97 26.69	44.50
40 05 23 23-0249 EA 2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	121.66 32.31	53.82
40 05 23 23-0250 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	202.32 51.15	85.22
40 05 23 23-0251 EA 3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	260.53 66.00	109.97
40 05 23 23-0252 EA 4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	351.89 81.84	136.37
40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows (40 05 23 23-0232)		
40 05 23 23-0254 EA 1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	35.86 9.90	16.47
40 05 23 23-0255 EA 3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	47.72 13.06	21.79
40 05 23 23-0256 EA 1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	60.41 16.59	27.63
40 05 23 23-0257 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	83.94 22.73	37.85
40 05 23 23-0258 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	98.69 26.69	44.50
40 05 23 23-0259 EA 2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	121.36 32.31	53.82
40 05 23 23-0260 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	208.11 51.15	85.22
40 05 23 23-0261 EA 3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	271.84 66.00	109.97
40 05 23 23-0262 EA 4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	365.06 81.84	136.37
40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees (40 05 23 23-0232)		
40 05 23 23-0264 EA 1/2", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	53.06 14.97	24.96
40 05 23 23-0265 EA 3/4", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	71.00 19.80	33.05
40 05 23 23-0266 EA 1", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	88.21 24.55	40.92
40 05 23 23-0267 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	126.35 34.10	56.88
40 05 23 23-0268 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	143.65 38.37	63.94
40 05 23 23-0269 EA 2", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	190.75 51.15	85.22
40 05 23 23-0270 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	289.92 73.96	123.28
40 05 23 23-0271 EA 3", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	392.55 99.00	165.02
40 05 23 23-0272 EA 4", 150#, Type 304 Stainless Steel Threaded Tee..... <i>For Work In Restricted Working Space, Add</i>	522.17 122.77	204.61
40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers (40 05 23 23-0232)		
40 05 23 23-0274 EA 3/4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	46.46 13.06	21.79
40 05 23 23-0275 EA 1", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	59.29 16.59	27.63
40 05 23 23-0276 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	81.62 22.73	37.85

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0277	EA		1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	97.36 26.69	44.50
40 05 23 23-0278	EA		2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	121.72 32.31	53.82
40 05 23 23-0279	EA		2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	200.61 51.15	85.22
40 05 23 23-0280	EA		3", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	262.87 66.00	109.97
40 05 23 23-0281	EA		4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	343.80 81.84	136.37
40 05 23 23-0282			150#, Type 304 Stainless Steel Threaded Caps (40 05 23 23-0232)		
40 05 23 23-0283	EA		1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	18.05 4.95	8.29
40 05 23 23-0284	EA		3/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	23.94 6.60	11.05
40 05 23 23-0285	EA		1", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	30.18 8.18	13.61
40 05 23 23-0286	EA		1-1/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	43.87 11.58	19.34
40 05 23 23-0287	EA		1-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	50.44 13.06	21.79
40 05 23 23-0288	EA		2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	64.09 16.59	27.63
40 05 23 23-0289	EA		2-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	97.70 24.55	40.92
40 05 23 23-0290	EA		3", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	129.61 32.31	53.82
40 05 23 23-0291	EA		4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	173.50 40.92	68.24
40 05 23 23-0292			150#, Type 304 Stainless Steel Threaded Unions (40 05 23 23-0232)		
40 05 23 23-0293	EA		1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	56.42 14.97	24.96
40 05 23 23-0294	EA		3/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	74.27 19.80	33.05
40 05 23 23-0295	EA		1", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	94.32 24.55	40.92
40 05 23 23-0296	EA		1-1/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	135.33 34.10	56.88
40 05 23 23-0297	EA		1-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	152.36 38.37	63.94
40 05 23 23-0298	EA		2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	199.82 51.15	85.22
40 05 23 23-0299	EA		2-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	335.14 76.73	127.89
40 05 23 23-0300	EA		3", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	429.99 99.01	165.02
40 05 23 23-0301	EA		4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	435.11 81.86	136.42
40 05 23 23-0302			150#, Type 304 Stainless Steel Threaded Couplings (40 05 23 23-0232)		
40 05 23 23-0303	EA		1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	35.10 9.90	16.47
40 05 23 23-0304	EA		3/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	46.56 13.06	21.79
40 05 23 23-0305	EA		1", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	59.90 16.59	27.63
40 05 23 23-0306	EA		1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	83.09 22.73	37.85
40 05 23 23-0307	EA		1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	97.64 26.69	44.50
40 05 23 23-0308	EA		2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	119.93 32.31	53.82
40 05 23 23-0309	EA		2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	197.38 51.15	85.22
40 05 23 23-0310	EA		3", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	254.74 66.00	109.97
40 05 23 23-0311	EA		4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	326.78 81.84	136.37
40 05 23 23-0312			Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings (40 05 23 23-0231)		
40 05 23 23-0313			Type 316, Schedule 40 Stainless Steel Threaded Pipe (40 05 23 23-0312)		
40 05 23 23-0314	LF		1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	17.24 2.63	4.39
40 05 23 23-0315	LF		3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	20.53 3.30	5.52
40 05 23 23-0316	LF		1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	25.79 3.96	6.65
40 05 23 23-0317	LF		1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	31.36 4.62	7.67

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0318 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	36.39 5.25	8.70
40 05 23 23-0319 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	46.83 6.60	11.05
40 05 23 23-0320 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	63.31 7.87	13.09
40 05 23 23-0321 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	82.40 9.90	16.47
40 05 23 23-0322 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	110.44 13.06	21.79
40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows (40 05 23 23-0312)		
40 05 23 23-0324 EA 1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	36.02 9.90	16.47
40 05 23 23-0325 EA 3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	47.90 13.06	21.79
40 05 23 23-0326 EA 1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	60.78 16.59	27.63
40 05 23 23-0327 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	85.19 22.73	37.85
40 05 23 23-0328 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	101.50 26.69	44.50
40 05 23 23-0329 EA 2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	123.55 32.31	53.82
40 05 23 23-0330 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	205.34 51.15	85.22
40 05 23 23-0331 EA 3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	267.94 66.00	109.97
40 05 23 23-0332 EA 4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	360.89 81.84	136.37
40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows (40 05 23 23-0312)		
40 05 23 23-0334 EA 1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	36.59 9.90	16.47
40 05 23 23-0335 EA 3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	48.26 13.06	21.79
40 05 23 23-0336 EA 1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	61.20 16.59	27.63
40 05 23 23-0337 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	85.07 22.73	37.85
40 05 23 23-0338 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	100.01 26.69	44.50
40 05 23 23-0339 EA 2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	123.13 32.31	53.82
40 05 23 23-0340 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	210.96 51.15	85.22
40 05 23 23-0341 EA 3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	278.39 66.00	109.97
40 05 23 23-0342 EA 4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	382.73 81.84	136.37
40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees (40 05 23 23-0312)		
40 05 23 23-0344 EA 1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	53.80 14.97	24.96
40 05 23 23-0345 EA 3/4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	71.76 19.80	33.05
40 05 23 23-0346 EA 1", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	89.06 24.55	40.92
40 05 23 23-0347 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	128.08 34.10	56.88
40 05 23 23-0348 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	145.36 38.37	63.94
40 05 23 23-0349 EA 2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	193.00 51.15	85.22
40 05 23 23-0350 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	299.11 73.96	123.28
40 05 23 23-0351 EA 3", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	405.07 99.00	165.02
40 05 23 23-0352 EA 4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	531.51 122.77	204.61
40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers (40 05 23 23-0312)		
40 05 23 23-0354 EA 3/4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	47.10 13.06	21.79
40 05 23 23-0355 EA 1", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	61.18 16.59	27.63
40 05 23 23-0356 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	81.98 22.73	37.85
40 05 23 23-0357 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	99.22 26.69	44.50
40 05 23 23-0358 EA 2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	124.98 32.31	53.82

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0359	EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	208.03 51.15	85.22
40 05 23 23-0360	EA 3", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	271.06 66.00	109.97
40 05 23 23-0361	EA 4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	357.46 81.84	136.37
40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps (40 05 23 23-0312)			
40 05 23 23-0363	EA 1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	18.47 4.95	8.29
40 05 23 23-0364	EA 3/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	24.25 6.60	11.05
40 05 23 23-0365	EA 1", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	30.74 8.18	13.61
40 05 23 23-0366	EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	45.40 11.58	19.34
40 05 23 23-0367	EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	52.25 13.06	21.79
40 05 23 23-0368	EA 2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	66.45 16.59	27.63
40 05 23 23-0369	EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	101.62 24.55	40.92
40 05 23 23-0370	EA 3", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	133.59 32.31	53.82
40 05 23 23-0371	EA 4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	181.39 40.92	68.24
40 05 23 23-0372 150#, Type 316 Stainless Steel Threaded Unions (40 05 23 23-0312)			
40 05 23 23-0373	EA 1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	57.32 14.97	24.96
40 05 23 23-0374	EA 3/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	77.65 19.80	33.05
40 05 23 23-0375	EA 1", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	96.03 24.55	40.92
40 05 23 23-0376	EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	138.24 34.10	56.88
40 05 23 23-0377	EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	155.75 38.37	63.94
40 05 23 23-0378	EA 2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	203.75 51.15	85.22
40 05 23 23-0379	EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	341.17 76.73	127.89
40 05 23 23-0380	EA 3", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	448.79 99.01	165.02
40 05 23 23-0381	EA 4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	475.17 81.86	136.42
40 05 23 23-0382 150#, Type 316 Stainless Steel Threaded Couplings (40 05 23 23-0312)			
40 05 23 23-0383	EA 1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	36.51 9.90	16.47
40 05 23 23-0384	EA 3/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	47.22 13.06	21.79
40 05 23 23-0385	EA 1", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	60.53 16.59	27.63
40 05 23 23-0386	EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	84.09 22.73	37.85
40 05 23 23-0387	EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	98.83 26.69	44.50
40 05 23 23-0388	EA 2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	121.59 32.31	53.82
40 05 23 23-0389	EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	203.16 51.15	85.22
40 05 23 23-0390	EA 3", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	262.19 66.00	109.97
40 05 23 23-0391	EA 4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	337.95 81.84	136.37
40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)			
40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe (40 05 23 23-0392)			
40 05 23 23-0394	LF 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	15.75 2.58	4.29
40 05 23 23-0395	LF 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	18.79 3.15	5.25
40 05 23 23-0396	LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.65 3.69	6.21
40 05 23 23-0397	LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	30.15 4.62	7.73
40 05 23 23-0398	LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	33.58 5.21	8.69
40 05 23 23-0399	LF 2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	41.54 6.45	10.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0400 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	49.50 7.37	12.31
40 05 23 23-0401 LF 3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	58.22 8.30	13.84
40 05 23 23-0402 LF 4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	72.82 9.82	16.42
40 05 23 23-0403 LF 6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	105.57 12.90	21.57
40 05 23 23-0404 LF 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	174.86 23.72	36.91
40 05 23 23-0405 LF 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	221.86 26.09	40.58
40 05 23 23-0406 LF 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	264.77 28.99	45.13
40 05 23 23-0407 LF 14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	324.68 32.61	50.73
40 05 23 23-0408 LF 16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	357.97 37.27	57.98
40 05 23 23-0409 LF 18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	401.67 43.48	67.64
40 05 23 23-0410 LF 20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	554.82 52.18	81.16
40 05 23 23-0411 LF 24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	722.56 65.22	101.45
40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow <small>(40 05 23 23-0392)</small>		
40 05 23 23-0413 EA 1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	111.79 32.64	48.96
40 05 23 23-0414 EA 3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	118.49 34.65	51.97
40 05 23 23-0415 EA 1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	130.45 38.08	57.12
40 05 23 23-0416 EA 1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	142.31 41.50	62.26
40 05 23 23-0417 EA 1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	157.17 45.83	68.75
40 05 23 23-0418 EA 2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	175.42 50.99	76.49
40 05 23 23-0419 EA 2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	226.85 65.26	97.88
40 05 23 23-0420 EA 3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	266.04 76.49	114.73
40 05 23 23-0421 EA 4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	323.28 91.55	137.32
40 05 23 23-0422 EA 6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	429.78 114.36	171.54
40 05 23 23-0423 EA 8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	710.28 186.34	279.51
40 05 23 23-0424 EA 10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,019.39 248.45	372.68
40 05 23 23-0425 EA 12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,536.87 372.68	559.02
40 05 23 23-0426 EA 14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,810.91 434.79	652.18
40 05 23 23-0427 EA 16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,111.13 495.96	743.94
40 05 23 23-0428 EA 18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,662.01 621.13	931.69
40 05 23 23-0429 EA 20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,715.23 869.58	1,304.37
40 05 23 23-0430 EA 24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,326.81 1,242.26	1,863.39
40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow <small>(40 05 23 23-0392)</small>		
40 05 23 23-0432 EA 1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	112.67 32.64	48.96
40 05 23 23-0433 EA 3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	119.37 34.65	51.97
40 05 23 23-0434 EA 1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	131.51 38.08	57.12
40 05 23 23-0435 EA 1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	143.72 41.50	62.26
40 05 23 23-0436 EA 1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	157.35 45.83	68.75
40 05 23 23-0437 EA 2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	175.42 50.99	76.49
40 05 23 23-0438 EA 2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	225.97 65.26	97.88
40 05 23 23-0439 EA 3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	264.45 76.49	114.73
40 05 23 23-0440 EA 4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	320.29 91.55	137.32
40 05 23 23-0441 EA 6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	414.11 114.36	171.54

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0442	EA 8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	680.07	279.51
	<i>For Work In Restricted Working Space, Add</i>	186.34	
40 05 23 23-0443	EA 10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	965.60	372.68
	<i>For Work In Restricted Working Space, Add</i>	248.45	
40 05 23 23-0444	EA 12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,451.71	559.02
	<i>For Work In Restricted Working Space, Add</i>	372.68	
40 05 23 23-0445	EA 14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,706.38	652.18
	<i>For Work In Restricted Working Space, Add</i>	434.79	
40 05 23 23-0446	EA 16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,982.13	743.94
	<i>For Work In Restricted Working Space, Add</i>	495.96	
40 05 23 23-0447	EA 18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,492.60	931.69
	<i>For Work In Restricted Working Space, Add</i>	621.13	
40 05 23 23-0448	EA 20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,486.63	1,304.37
	<i>For Work In Restricted Working Space, Add</i>	869.58	
40 05 23 23-0449	EA 24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	5,002.53	1,863.39
	<i>For Work In Restricted Working Space, Add</i>	1,242.26	

40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee (40 05 23 23-0392)

40 05 23 23-0451	EA 1/2", Type 304, Schedule 10 Stainless Steel Tee	147.98	62.24
	<i>For Work In Restricted Working Space, Add</i>	41.49	
40 05 23 23-0452	EA 3/4", Type 304, Schedule 10 Stainless Steel Tee	179.45	76.40
	<i>For Work In Restricted Working Space, Add</i>	50.93	
40 05 23 23-0453	EA 1", Type 304, Schedule 10 Stainless Steel Tee	200.43	85.85
	<i>For Work In Restricted Working Space, Add</i>	57.23	
40 05 23 23-0454	EA 1-1/4", Type 304, Schedule 10 Stainless Steel Tee	228.27	97.88
	<i>For Work In Restricted Working Space, Add</i>	65.26	
40 05 23 23-0455	EA 1-1/2", Type 304, Schedule 10 Stainless Steel Tee	243.18	105.07
	<i>For Work In Restricted Working Space, Add</i>	70.05	
40 05 23 23-0456	EA 2", Type 304, Schedule 10 Stainless Steel Tee	265.06	114.60
	<i>For Work In Restricted Working Space, Add</i>	76.40	
40 05 23 23-0457	EA 2-1/2", Type 304, Schedule 10 Stainless Steel Tee	334.45	137.32
	<i>For Work In Restricted Working Space, Add</i>	91.55	
40 05 23 23-0458	EA 3", Type 304, Schedule 10 Stainless Steel Tee	401.43	172.09
	<i>For Work In Restricted Working Space, Add</i>	114.73	
40 05 23 23-0459	EA 4", Type 304, Schedule 10 Stainless Steel Tee	457.71	193.14
	<i>For Work In Restricted Working Space, Add</i>	128.76	
40 05 23 23-0460	EA 6", Type 304, Schedule 10 Stainless Steel Tee	648.12	257.51
	<i>For Work In Restricted Working Space, Add</i>	171.68	
40 05 23 23-0461	EA 8", Type 304, Schedule 10 Stainless Steel Tee	1,007.04	372.68
	<i>For Work In Restricted Working Space, Add</i>	248.45	
40 05 23 23-0462	EA 10", Type 304, Schedule 10 Stainless Steel Tee	1,536.87	559.02
	<i>For Work In Restricted Working Space, Add</i>	372.68	
40 05 23 23-0463	EA 12", Type 304, Schedule 10 Stainless Steel Tee	1,962.06	698.76
	<i>For Work In Restricted Working Space, Add</i>	465.85	
40 05 23 23-0464	EA 14", Type 304, Schedule 10 Stainless Steel Tee	2,399.66	839.72
	<i>For Work In Restricted Working Space, Add</i>	559.82	
40 05 23 23-0465	EA 16", Type 304, Schedule 10 Stainless Steel Tee	2,911.84	1,024.38
	<i>For Work In Restricted Working Space, Add</i>	682.92	
40 05 23 23-0466	EA 18", Type 304, Schedule 10 Stainless Steel Tee	3,705.84	1,304.37
	<i>For Work In Restricted Working Space, Add</i>	869.58	
40 05 23 23-0467	EA 20", Type 304, Schedule 10 Stainless Steel Tee	4,936.03	1,716.28
	<i>For Work In Restricted Working Space, Add</i>	1,144.19	
40 05 23 23-0468	EA 24", Type 304, Schedule 10 Stainless Steel Tee	7,425.00	2,608.75
	<i>For Work In Restricted Working Space, Add</i>	1,739.16	

40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0392)

40 05 23 23-0470	EA 3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	132.79	51.99
	<i>For Work In Restricted Working Space, Add</i>	34.66	
40 05 23 23-0471	EA 1", Type 304, Schedule 10 Stainless Steel Reducing Tee	158.84	63.71
	<i>For Work In Restricted Working Space, Add</i>	42.48	
40 05 23 23-0472	EA 1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	190.58	71.59
	<i>For Work In Restricted Working Space, Add</i>	47.73	
40 05 23 23-0473	EA 1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	203.00	81.61
	<i>For Work In Restricted Working Space, Add</i>	54.41	
40 05 23 23-0474	EA 2", Type 304, Schedule 10 Stainless Steel Reducing Tee	214.42	87.69
	<i>For Work In Restricted Working Space, Add</i>	58.46	
40 05 23 23-0475	EA 2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	265.37	95.57
	<i>For Work In Restricted Working Space, Add</i>	63.72	
40 05 23 23-0476	EA 3", Type 304, Schedule 10 Stainless Steel Reducing Tee	314.06	114.55
	<i>For Work In Restricted Working Space, Add</i>	76.37	
40 05 23 23-0477	EA 4", Type 304, Schedule 10 Stainless Steel Reducing Tee	388.57	143.18
	<i>For Work In Restricted Working Space, Add</i>	95.45	
40 05 23 23-0478	EA 6", Type 304, Schedule 10 Stainless Steel Reducing Tee	493.43	163.60
	<i>For Work In Restricted Working Space, Add</i>	109.06	
40 05 23 23-0479	EA 8", Type 304, Schedule 10 Stainless Steel Reducing Tee	861.27	232.92
	<i>For Work In Restricted Working Space, Add</i>	155.28	
40 05 23 23-0480	EA 10", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,368.17	310.57
	<i>For Work In Restricted Working Space, Add</i>	207.05	
40 05 23 23-0481	EA 12", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,970.41	465.84
	<i>For Work In Restricted Working Space, Add</i>	310.56	
40 05 23 23-0482	EA 14", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,386.73	559.66
	<i>For Work In Restricted Working Space, Add</i>	373.10	
40 05 23 23-0483	EA 16", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,948.60	682.68
	<i>For Work In Restricted Working Space, Add</i>	455.12	
40 05 23 23-0484	EA 18", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,799.20	869.59
	<i>For Work In Restricted Working Space, Add</i>	579.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0485	EA		20", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	5,338.22 762.79	1,144.19
40 05 23 23-0486	EA		24", Type 304, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	8,313.85 1,158.41	1,737.62
40 05 23 23-0487			Type 304, Schedule 10 Stainless Steel Butt Weld Reducers <small>(40 05 23 23-0392)</small>		
40 05 23 23-0488	EA		3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	111.05 31.52	47.29
40 05 23 23-0489	EA		1", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	121.89 34.35	51.52
40 05 23 23-0490	EA		1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	135.12 38.08	57.12
40 05 23 23-0491	EA		1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	144.85 41.50	62.26
40 05 23 23-0492	EA		2", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	158.58 45.83	68.75
40 05 23 23-0493	EA		2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	208.16 57.27	85.91
40 05 23 23-0494	EA		3", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	235.82 65.20	97.80
40 05 23 23-0495	EA		4", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	275.83 76.40	114.60
40 05 23 23-0496	EA		6", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	354.50 97.27	145.90
40 05 23 23-0497	EA		8", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	545.53 149.07	223.60
40 05 23 23-0498	EA		10", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	690.52 186.34	279.51
40 05 23 23-0499	EA		12", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	926.44 248.45	372.68
40 05 23 23-0500	EA		14", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,291.37 326.09	489.14
40 05 23 23-0501	EA		16", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,499.91 371.62	557.42
40 05 23 23-0502	EA		18", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,855.24 465.85	698.76
40 05 23 23-0503	EA		20", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,570.04 621.13	931.69
40 05 23 23-0504	EA		24", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,743.65 931.70	1,397.55
40 05 23 23-0505	EA		3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	127.60 31.52	47.29
40 05 23 23-0506	EA		1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	134.04 34.35	51.52
40 05 23 23-0507	EA		1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	143.44 38.08	57.12
40 05 23 23-0508	EA		1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	159.99 41.50	62.26
40 05 23 23-0509	EA		2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	169.49 45.83	68.75
40 05 23 23-0510	EA		2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	220.13 57.27	85.91
40 05 23 23-0511	EA		3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	247.61 65.20	97.80
40 05 23 23-0512	EA		4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	284.95 76.40	114.60
40 05 23 23-0513	EA		6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	387.41 97.27	145.90
40 05 23 23-0514	EA		8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	616.08 149.07	223.60
40 05 23 23-0515	EA		10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	828.14 186.34	279.51
40 05 23 23-0516	EA		12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,053.60 248.45	372.68
40 05 23 23-0517	EA		14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,584.72 326.09	489.14
40 05 23 23-0518	EA		16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,836.04 371.62	557.42
40 05 23 23-0519	EA		18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,265.47 465.85	698.76
40 05 23 23-0520	EA		20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,227.42 621.13	931.69
40 05 23 23-0521	EA		24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,614.88 931.70	1,397.55
40 05 23 23-0522			Type 304, Schedule 10 Stainless Steel Butt Weld Caps <small>(40 05 23 23-0392)</small>		
40 05 23 23-0523	EA		1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	59.87 16.32	24.49
40 05 23 23-0524	EA		3/4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	65.14 17.33	25.98
40 05 23 23-0525	EA		1", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	71.57 19.04	28.56
40 05 23 23-0526	EA		1-1/4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	78.59 20.75	31.12
40 05 23 23-0527	EA		1-1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	85.02 22.92	34.37

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap.....	92.55	38.24	
		<i>For Work In Restricted Working Space, Add</i>	25.49		
40 05 23 23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	119.68	48.95	
		<i>For Work In Restricted Working Space, Add</i>	32.63		
40 05 23 23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap.....	136.81	57.36	
		<i>For Work In Restricted Working Space, Add</i>	38.24		
40 05 23 23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap.....	164.55	68.66	
		<i>For Work In Restricted Working Space, Add</i>	45.77		
40 05 23 23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap.....	210.45	85.91	
		<i>For Work In Restricted Working Space, Add</i>	57.27		
40 05 23 23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap.....	345.74	139.75	
		<i>For Work In Restricted Working Space, Add</i>	93.17		
40 05 23 23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap.....	460.55	186.34	
		<i>For Work In Restricted Working Space, Add</i>	124.23		
40 05 23 23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap.....	681.68	279.50	
		<i>For Work In Restricted Working Space, Add</i>	186.34		
40 05 23 23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap.....	798.86	326.10	
		<i>For Work In Restricted Working Space, Add</i>	217.40		
40 05 23 23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap.....	922.31	371.97	
		<i>For Work In Restricted Working Space, Add</i>	247.98		
40 05 23 23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap.....	1,162.33	465.84	
		<i>For Work In Restricted Working Space, Add</i>	310.56		
40 05 23 23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap.....	1,610.93	652.18	
		<i>For Work In Restricted Working Space, Add</i>	434.79		
40 05 23 23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap.....	2,355.24	931.69	
		<i>For Work In Restricted Working Space, Add</i>	621.13		
40 05 23 23-0541		Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)			
40 05 23 23-0542		Type 304, Schedule 40 Stainless Steel Pipe (40 05 23 23-0541)			
40 05 23 23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting.....	17.51	4.29	
		<i>For Work In Restricted Working Space, Add</i>	2.58		
40 05 23 23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting.....	21.28	5.25	
		<i>For Work In Restricted Working Space, Add</i>	3.15		
40 05 23 23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	26.00	6.21	
		<i>For Work In Restricted Working Space, Add</i>	3.69		
40 05 23 23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	32.50	7.64	
		<i>For Work In Restricted Working Space, Add</i>	4.62		
40 05 23 23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	37.39	8.59	
		<i>For Work In Restricted Working Space, Add</i>	5.21		
40 05 23 23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	47.82	10.98	
		<i>For Work In Restricted Working Space, Add</i>	6.45		
40 05 23 23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	59.08	12.41	
		<i>For Work In Restricted Working Space, Add</i>	7.37		
40 05 23 23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	58.05	13.84	
		<i>For Work In Restricted Working Space, Add</i>	8.30		
40 05 23 23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	94.18	16.23	
		<i>For Work In Restricted Working Space, Add</i>	9.82		
40 05 23 23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	145.65	21.48	
		<i>For Work In Restricted Working Space, Add</i>	12.90		
40 05 23 23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	255.03	36.72	
		<i>For Work In Restricted Working Space, Add</i>	23.72		
40 05 23 23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	321.57	40.58	
		<i>For Work In Restricted Working Space, Add</i>	26.09		
40 05 23 23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	399.68	44.92	
		<i>For Work In Restricted Working Space, Add</i>	28.99		
40 05 23 23-0556		Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0541)			
40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	112.50	48.96	
		<i>For Work In Restricted Working Space, Add</i>	32.64		
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	119.20	51.97	
		<i>For Work In Restricted Working Space, Add</i>	34.65		
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	130.98	57.12	
		<i>For Work In Restricted Working Space, Add</i>	38.08		
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	142.69	62.26	
		<i>For Work In Restricted Working Space, Add</i>	41.50		
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	157.52	68.75	
		<i>For Work In Restricted Working Space, Add</i>	45.83		
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	176.65	76.49	
		<i>For Work In Restricted Working Space, Add</i>	50.99		
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	231.42	97.88	
		<i>For Work In Restricted Working Space, Add</i>	65.26		
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	272.73	114.73	
		<i>For Work In Restricted Working Space, Add</i>	76.49		
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	334.54	137.32	
		<i>For Work In Restricted Working Space, Add</i>	91.55		
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	501.76	171.54	
		<i>For Work In Restricted Working Space, Add</i>	114.36		
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	808.37	279.51	
		<i>For Work In Restricted Working Space, Add</i>	186.34		
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	1,218.41	372.68	
		<i>For Work In Restricted Working Space, Add</i>	248.45		
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow.....	1,795.00	559.02	
		<i>For Work In Restricted Working Space, Add</i>	372.68		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0570 EA 14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,124.05 434.79	652.18
40 05 23 23-0571 EA 16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,513.41 495.96	743.94
40 05 23 23-0572 EA 18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,220.96 621.13	931.69
40 05 23 23-0573 EA 20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,405.13 869.58	1,304.37
40 05 23 23-0574 EA 24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,311.07 1,242.26	1,863.39
40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0571)		
40 05 23 23-0576 EA 1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	113.73 32.64	48.96
40 05 23 23-0577 EA 3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	120.43 34.65	51.97
40 05 23 23-0578 EA 1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	131.86 38.08	57.12
40 05 23 23-0579 EA 1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	143.59 41.50	62.26
40 05 23 23-0580 EA 1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	158.40 45.83	68.75
40 05 23 23-0581 EA 2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	176.84 50.99	76.49
40 05 23 23-0582 EA 2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	231.42 65.26	97.88
40 05 23 23-0583 EA 3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	267.80 76.49	114.73
40 05 23 23-0584 EA 4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	337.18 91.55	137.32
40 05 23 23-0585 EA 6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	441.74 114.36	171.54
40 05 23 23-0586 EA 8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	745.45 186.34	279.51
40 05 23 23-0587 EA 10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,061.22 248.45	372.68
40 05 23 23-0588 EA 12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,563.11 372.68	559.02
40 05 23 23-0589 EA 14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,784.94 434.79	652.18
40 05 23 23-0590 EA 16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,109.66 495.96	743.94
40 05 23 23-0591 EA 18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,657.68 621.13	931.69
40 05 23 23-0592 EA 20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,645.07 869.58	1,304.37
40 05 23 23-0593 EA 24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	5,271.54 1,242.26	1,863.39
40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0541)		
40 05 23 23-0595 EA 1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	148.68 41.49	62.24
40 05 23 23-0596 EA 3/4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	180.15 50.93	76.40
40 05 23 23-0597 EA 1", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	201.13 57.23	85.85
40 05 23 23-0598 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	230.06 65.26	97.88
40 05 23 23-0599 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	243.88 70.05	105.07
40 05 23 23-0600 EA 2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	265.94 76.40	114.60
40 05 23 23-0601 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	336.83 91.55	137.32
40 05 23 23-0602 EA 3", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	405.12 114.73	172.09
40 05 23 23-0603 EA 4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	461.76 128.76	193.14
40 05 23 23-0604 EA 6", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	676.10 171.68	257.51
40 05 23 23-0605 EA 8", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,090.10 248.45	372.68
40 05 23 23-0606 EA 10", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,791.78 372.68	559.02
40 05 23 23-0607 EA 12", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,230.84 465.85	698.76
40 05 23 23-0608 EA 14", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,941.25 559.82	839.72
40 05 23 23-0609 EA 16", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,702.53 682.92	1,024.38
40 05 23 23-0610 EA 18", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,779.39 869.58	1,304.37
40 05 23 23-0611 EA 20", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	6,195.29 1,144.19	1,716.28
40 05 23 23-0612 EA 24", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,470.19 1,739.16	2,608.75

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0541)			
40 05 23 23-0614	EA 3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	135.08 34.66	51.99
40 05 23 23-0615	EA 1", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	161.13 42.48	63.71
40 05 23 23-0616	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	201.59 47.73	71.59
40 05 23 23-0617	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	206.34 54.41	81.61
40 05 23 23-0618	EA 2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	214.42 58.46	87.69
40 05 23 23-0619	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	254.12 63.72	95.57
40 05 23 23-0620	EA 3", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	289.24 76.37	114.55
40 05 23 23-0621	EA 4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	375.55 95.45	143.18
40 05 23 23-0622	EA 6", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	495.54 109.06	163.60
40 05 23 23-0623	EA 8", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	786.57 155.28	232.92
40 05 23 23-0624	EA 10", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,391.54 207.05	310.57
40 05 23 23-0625	EA 12", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,017.17 310.56	465.84
40 05 23 23-0626	EA 14", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,321.12 373.10	559.66
40 05 23 23-0627	EA 16", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,866.43 455.12	682.68
40 05 23 23-0628	EA 18", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,692.05 579.72	869.59
40 05 23 23-0629	EA 20", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	5,177.75 762.79	1,144.19
40 05 23 23-0630	EA 24", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	8,058.29 1,158.41	1,737.62
40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers (40 05 23 23-0541)			
40 05 23 23-0632	EA 3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	112.81 31.52	47.29
40 05 23 23-0633	EA 1", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	123.65 34.35	51.52
40 05 23 23-0634	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	135.25 38.08	57.12
40 05 23 23-0635	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	146.61 41.50	62.26
40 05 23 23-0636	EA 2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	159.63 45.83	68.75
40 05 23 23-0637	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	208.16 57.27	85.91
40 05 23 23-0638	EA 3", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	229.48 65.20	97.80
40 05 23 23-0639	EA 4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	266.82 76.40	114.60
40 05 23 23-0640	EA 6", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	355.91 97.27	145.90
40 05 23 23-0641	EA 8", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	575.42 149.07	223.60
40 05 23 23-0642	EA 10", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	741.84 186.34	279.51
40 05 23 23-0643	EA 12", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	972.25 248.45	372.68
40 05 23 23-0644	EA 14", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,394.17 326.09	489.14
40 05 23 23-0645	EA 16", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,629.14 371.62	557.42
40 05 23 23-0646	EA 18", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,116.93 465.85	698.76
40 05 23 23-0647	EA 20", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,878.72 621.13	931.69
40 05 23 23-0648	EA 24", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,063.32 931.70	1,397.55
40 05 23 23-0649	EA 3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	128.31 31.52	47.29
40 05 23 23-0650	EA 1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	137.73 34.35	51.52
40 05 23 23-0651	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	156.11 38.08	57.12
40 05 23 23-0652	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	166.50 41.50	62.26
40 05 23 23-0653	EA 2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	179.52 45.83	68.75
40 05 23 23-0654	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	220.13 57.27	85.91
40 05 23 23-0655	EA 3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	269.44 65.20	97.80

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0656 EA 4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	299.74 76.40	114.60
40 05 23 23-0657 EA 6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	402.02 97.27	145.90
40 05 23 23-0658 EA 8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	617.61 149.07	223.60
40 05 23 23-0659 EA 10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	826.81 186.34	279.51
40 05 23 23-0660 EA 12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,122.79 248.45	372.68
40 05 23 23-0661 EA 14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,763.17 326.09	489.14
40 05 23 23-0662 EA 16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,001.56 371.62	557.42
40 05 23 23-0663 EA 18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,598.73 465.85	698.76
40 05 23 23-0664 EA 20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,391.89 621.13	931.69
40 05 23 23-0665 EA 24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,343.87 931.70	1,397.55
40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0541)		
40 05 23 23-0667 EA 1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	60.39 16.32	24.49
40 05 23 23-0668 EA 3/4", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	64.61 17.33	25.98
40 05 23 23-0669 EA 1", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	72.09 19.04	28.56
40 05 23 23-0670 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	80.95 20.75	31.12
40 05 23 23-0671 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	87.31 22.92	34.37
40 05 23 23-0672 EA 2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	92.37 25.49	38.24
40 05 23 23-0673 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	118.50 32.63	48.95
40 05 23 23-0674 EA 3", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	137.51 38.24	57.36
40 05 23 23-0675 EA 4", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	166.66 45.77	68.66
40 05 23 23-0676 EA 6", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	223.47 57.27	85.91
40 05 23 23-0677 EA 8", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	366.65 93.17	139.75
40 05 23 23-0678 EA 10", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	490.12 124.23	186.34
40 05 23 23-0679 EA 12", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	738.04 186.34	279.50
40 05 23 23-0680 EA 14", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	850.48 217.40	326.10
40 05 23 23-0681 EA 16", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	993.32 247.98	371.97
40 05 23 23-0682 EA 18", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,246.49 310.56	465.84
40 05 23 23-0683 EA 20", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,723.16 434.79	652.18
40 05 23 23-0684 EA 24", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,542.89 621.13	931.69
40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)		
40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe (40 05 23 23-0685)		
40 05 23 23-0687 LF 1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	17.99 2.58	4.29
40 05 23 23-0688 LF 3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	21.37 3.15	5.25
40 05 23 23-0689 LF 1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	28.51 3.69	6.21
40 05 23 23-0690 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	34.76 4.62	7.73
40 05 23 23-0691 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	38.65 5.21	8.69
40 05 23 23-0692 LF 2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	47.80 6.45	10.79
40 05 23 23-0693 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	57.28 7.37	12.31
40 05 23 23-0694 LF 3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	67.76 8.30	13.84
40 05 23 23-0695 LF 4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	85.34 9.82	16.42
40 05 23 23-0696 LF 6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	125.11 12.90	21.57
40 05 23 23-0697 LF 8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	204.78 23.72	36.91
40 05 23 23-0698 LF 10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	263.99 26.09	40.58

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0699	LF		12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	317.28 28.99	45.13
40 05 23 23-0700	LF		14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	392.12 32.61	50.73
40 05 23 23-0701	LF		16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	430.97 37.27	57.98
40 05 23 23-0702	LF		18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	481.85 43.48	67.64
40 05 23 23-0703	LF		20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	673.77 52.18	81.16
40 05 23 23-0704	LF		24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	880.33 65.22	101.45
40 05 23 23-0705	Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0685)				
40 05 23 23-0706	EA		1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	112.67 32.64	48.96
40 05 23 23-0707	EA		3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	119.37 34.65	51.97
40 05 23 23-0708	EA		1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	131.51 38.08	57.12
40 05 23 23-0709	EA		1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	143.84 41.50	62.26
40 05 23 23-0710	EA		1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	158.23 45.83	68.75
40 05 23 23-0711	EA		2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	176.65 50.99	76.49
40 05 23 23-0712	EA		2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	229.14 65.26	97.88
40 05 23 23-0713	EA		3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	269.38 76.49	114.73
40 05 23 23-0714	EA		4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	328.38 91.55	137.32
40 05 23 23-0715	EA		6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	443.15 114.36	171.54
40 05 23 23-0716	EA		8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	735.19 186.34	279.51
40 05 23 23-0717	EA		10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,076.98 248.45	372.68
40 05 23 23-0718	EA		12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,615.38 372.68	559.02
40 05 23 23-0719	EA		14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,884.79 434.79	652.18
40 05 23 23-0720	EA		16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,227.98 495.96	743.94
40 05 23 23-0721	EA		18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,802.13 621.13	931.69
40 05 23 23-0722	EA		20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,915.39 869.58	1,304.37
40 05 23 23-0723	EA		24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,624.23 1,242.26	1,863.39
40 05 23 23-0724	Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0685)				
40 05 23 23-0725	EA		1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	113.73 32.64	48.96
40 05 23 23-0726	EA		3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	120.43 34.65	51.97
40 05 23 23-0727	EA		1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	132.56 38.08	57.12
40 05 23 23-0728	EA		1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	145.25 41.50	62.26
40 05 23 23-0729	EA		1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	158.23 45.83	68.75
40 05 23 23-0730	EA		2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	176.65 50.99	76.49
40 05 23 23-0731	EA		2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	228.08 65.26	97.88
40 05 23 23-0732	EA		3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	267.80 76.49	114.73
40 05 23 23-0733	EA		4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	324.69 91.55	137.32
40 05 23 23-0734	EA		6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	421.33 114.36	171.54
40 05 23 23-0735	EA		8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	696.03 186.34	279.51
40 05 23 23-0736	EA		10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,061.22 248.45	372.68
40 05 23 23-0737	EA		12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,563.11 372.68	559.02
40 05 23 23-0738	EA		14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,835.80 434.79	652.18
40 05 23 23-0739	EA		16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,138.18 495.96	743.94
40 05 23 23-0740	EA		18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,696.37 621.13	931.69

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0741 EA 20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,820.37 869.58	1,304.37
40 05 23 23-0742 EA 24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	5,497.67 1,242.26	1,863.39
40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees (40 05 23 23-0685)		
40 05 23 23-0744 EA 1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	150.27 41.49	62.24
40 05 23 23-0745 EA 3/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	181.74 50.93	76.40
40 05 23 23-0746 EA 1", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	202.72 57.23	85.85
40 05 23 23-0747 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	232.50 65.26	97.88
40 05 23 23-0748 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	246.52 70.05	105.07
40 05 23 23-0749 EA 2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	268.06 76.40	114.60
40 05 23 23-0750 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	324.86 91.55	137.32
40 05 23 23-0751 EA 3", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	407.24 114.73	172.09
40 05 23 23-0752 EA 4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	465.63 128.76	193.14
40 05 23 23-0753 EA 6", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	670.82 171.68	257.51
40 05 23 23-0754 EA 8", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,066.72 248.45	372.68
40 05 23 23-0755 EA 10", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,651.49 372.68	559.02
40 05 23 23-0756 EA 12", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,113.93 465.85	698.76
40 05 23 23-0757 EA 14", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,681.26 559.82	839.72
40 05 23 23-0758 EA 16", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,184.55 682.92	1,024.38
40 05 23 23-0759 EA 18", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,048.96 869.58	1,304.37
40 05 23 23-0760 EA 20", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,436.40 1,144.19	1,716.28
40 05 23 23-0761 EA 24", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	7,863.85 1,739.16	2,608.75
40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0685)		
40 05 23 23-0763 EA 3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	138.24 34.66	51.99
40 05 23 23-0764 EA 1", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	165.35 42.48	63.71
40 05 23 23-0765 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	198.51 47.73	71.59
40 05 23 23-0766 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	208.45 54.41	81.61
40 05 23 23-0767 EA 2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	221.98 58.46	87.69
40 05 23 23-0768 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	288.25 63.72	95.57
40 05 23 23-0769 EA 3", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	293.47 76.37	114.55
40 05 23 23-0770 EA 4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	388.57 95.45	143.18
40 05 23 23-0771 EA 6", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	525.99 109.06	163.60
40 05 23 23-0772 EA 8", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	955.94 155.28	232.92
40 05 23 23-0773 EA 10", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,683.89 207.05	310.57
40 05 23 23-0774 EA 12", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,239.37 310.56	465.84
40 05 23 23-0775 EA 14", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,564.93 373.10	559.66
40 05 23 23-0776 EA 16", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,171.77 455.12	682.68
40 05 23 23-0777 EA 18", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,090.23 579.72	869.59
40 05 23 23-0778 EA 20", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	5,774.03 762.79	1,144.19
40 05 23 23-0779 EA 24", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	9,007.97 1,158.41	1,737.62
40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers (40 05 23 23-0685)		
40 05 23 23-0781 EA 3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	112.64 31.52	47.29
40 05 23 23-0782 EA 1", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	123.83 34.35	51.52

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	137.94	57.12
		<i>For Work In Restricted Working Space, Add</i>	38.08	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	146.08	62.26
		<i>For Work In Restricted Working Space, Add</i>	41.50	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	159.63	68.75
		<i>For Work In Restricted Working Space, Add</i>	45.83	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	207.42	85.91
		<i>For Work In Restricted Working Space, Add</i>	57.27	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	240.04	97.80
		<i>For Work In Restricted Working Space, Add</i>	65.20	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	268.08	114.60
		<i>For Work In Restricted Working Space, Add</i>	76.40	
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	363.13	145.90
		<i>For Work In Restricted Working Space, Add</i>	97.27	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	554.55	223.60
		<i>For Work In Restricted Working Space, Add</i>	149.07	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	711.63	279.51
		<i>For Work In Restricted Working Space, Add</i>	186.34	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	951.35	372.68
		<i>For Work In Restricted Working Space, Add</i>	248.45	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,325.67	489.14
		<i>For Work In Restricted Working Space, Add</i>	326.09	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,532.39	557.42
		<i>For Work In Restricted Working Space, Add</i>	371.62	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,902.98	698.76
		<i>For Work In Restricted Working Space, Add</i>	465.85	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,643.81	931.69
		<i>For Work In Restricted Working Space, Add</i>	621.13	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,874.44	1,397.55
		<i>For Work In Restricted Working Space, Add</i>	931.70	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	126.32	47.29
		<i>For Work In Restricted Working Space, Add</i>	31.52	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	140.08	51.52
		<i>For Work In Restricted Working Space, Add</i>	34.35	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	157.20	57.12
		<i>For Work In Restricted Working Space, Add</i>	38.08	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	168.61	62.26
		<i>For Work In Restricted Working Space, Add</i>	41.50	
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	173.54	68.75
		<i>For Work In Restricted Working Space, Add</i>	45.83	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	226.64	85.91
		<i>For Work In Restricted Working Space, Add</i>	57.27	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	259.76	97.80
		<i>For Work In Restricted Working Space, Add</i>	65.20	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	294.81	114.60
		<i>For Work In Restricted Working Space, Add</i>	76.40	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	409.06	145.90
		<i>For Work In Restricted Working Space, Add</i>	97.27	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	654.10	223.60
		<i>For Work In Restricted Working Space, Add</i>	149.07	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	883.07	279.51
		<i>For Work In Restricted Working Space, Add</i>	186.34	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,129.25	372.68
		<i>For Work In Restricted Working Space, Add</i>	248.45	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,663.04	489.14
		<i>For Work In Restricted Working Space, Add</i>	326.09	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,940.15	557.42
		<i>For Work In Restricted Working Space, Add</i>	371.62	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,409.60	698.76
		<i>For Work In Restricted Working Space, Add</i>	465.85	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,454.05	931.69
		<i>For Work In Restricted Working Space, Add</i>	621.13	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,836.66	1,397.55
		<i>For Work In Restricted Working Space, Add</i>	931.70	

40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0685)

40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	62.15	24.49
		<i>For Work In Restricted Working Space, Add</i>	16.32	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	68.13	25.98
		<i>For Work In Restricted Working Space, Add</i>	17.33	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	74.73	28.56
		<i>For Work In Restricted Working Space, Add</i>	19.04	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	81.65	31.12
		<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	88.72	34.37
		<i>For Work In Restricted Working Space, Add</i>	22.92	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	94.66	38.24
		<i>For Work In Restricted Working Space, Add</i>	25.49	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	119.01	48.95
		<i>For Work In Restricted Working Space, Add</i>	32.63	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	140.50	57.36
		<i>For Work In Restricted Working Space, Add</i>	38.24	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	168.24	68.66
		<i>For Work In Restricted Working Space, Add</i>	45.77	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	216.96	85.91
		<i>For Work In Restricted Working Space, Add</i>	57.27	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	357.33	139.75
		<i>For Work In Restricted Working Space, Add</i>	93.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0827 EA 10", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	474.63 124.23	186.34
40 05 23 23-0828 EA 12", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	702.28 186.34	279.50
40 05 23 23-0829 EA 14", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	817.43 217.40	326.10
40 05 23 23-0830 EA 16", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	938.00 247.98	371.97
40 05 23 23-0831 EA 18", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,180.31 310.56	465.84
40 05 23 23-0832 EA 20", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,639.61 434.79	652.18
40 05 23 23-0833 EA 24", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,443.54 621.13	931.69
40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)		
40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe (40 05 23 23-0834)		
40 05 23 23-0836 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	20.49 2.58	4.29
40 05 23 23-0837 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.88 3.15	5.25
40 05 23 23-0838 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	30.57 3.69	6.21
40 05 23 23-0839 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	38.22 4.62	7.64
40 05 23 23-0840 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	44.09 5.21	8.59
40 05 23 23-0841 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	56.63 6.45	10.98
40 05 23 23-0842 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	70.62 7.37	12.41
40 05 23 23-0843 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	68.21 8.30	13.84
40 05 23 23-0844 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	114.74 9.82	16.23
40 05 23 23-0845 LF 6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	179.99 12.90	21.48
40 05 23 23-0846 LF 8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	313.89 23.72	36.72
40 05 23 23-0847 LF 10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	400.06 26.09	40.58
40 05 23 23-0848 LF 12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	501.05 28.99	44.92
40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0834)		
40 05 23 23-0850 EA 1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	113.55 32.64	48.96
40 05 23 23-0851 EA 3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	120.25 34.65	51.97
40 05 23 23-0852 EA 1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	132.39 38.08	57.12
40 05 23 23-0853 EA 1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	144.23 41.50	62.26
40 05 23 23-0854 EA 1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	159.11 45.83	68.75
40 05 23 23-0855 EA 2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	178.76 50.99	76.49
40 05 23 23-0856 EA 2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	235.65 65.26	97.88
40 05 23 23-0857 EA 3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	278.53 76.49	114.73
40 05 23 23-0858 EA 4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	348.45 91.55	137.32
40 05 23 23-0859 EA 6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	513.55 114.36	171.54
40 05 23 23-0860 EA 8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	869.95 186.34	279.51
40 05 23 23-0861 EA 10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,371.60 248.45	372.68
40 05 23 23-0862 EA 12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,971.78 372.68	559.02
40 05 23 23-0863 EA 14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,221.18 434.79	652.18
40 05 23 23-0864 EA 16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,667.16 495.96	743.94
40 05 23 23-0865 EA 18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,394.43 621.13	931.69
40 05 23 23-0866 EA 20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	4,612.04 869.58	1,304.37
40 05 23 23-0867 EA 24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	6,675.79 1,242.26	1,863.39
40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0834)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	115.31 32.64	48.96
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	122.01 34.65	51.97
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	133.44 38.08	57.12
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	144.74 41.50	62.26
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	160.16 45.83	68.75
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	178.76 50.99	76.49
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	235.65 65.26	97.88
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	271.67 76.49	114.73
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	335.42 91.55	137.32
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	460.05 114.36	171.54
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	775.68 186.34	279.51
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,154.35 248.45	372.68
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,680.95 372.68	559.02
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,920.18 434.79	652.18
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,173.33 495.96	743.94
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,779.65 621.13	931.69
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,801.08 869.58	1,304.37
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,592.79 1,242.26	1,863.39

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0834)

40 05 23 23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	151.32 41.49	62.24
40 05 23 23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	182.79 50.93	76.40
40 05 23 23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	203.77 57.23	85.85
40 05 23 23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	234.03 65.26	97.88
40 05 23 23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	246.52 70.05	105.07
40 05 23 23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	268.76 76.40	114.60
40 05 23 23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	331.13 91.55	137.32
40 05 23 23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	410.58 114.73	172.09
40 05 23 23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	471.44 128.76	193.14
40 05 23 23-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	712.18 171.68	257.51
40 05 23 23-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	1,172.98 248.45	372.68
40 05 23 23-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	1,932.05 372.68	559.02
40 05 23 23-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	2,382.90 465.85	698.76
40 05 23 23-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	3,313.98 559.82	839.72
40 05 23 23-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	4,096.32 682.92	1,024.38
40 05 23 23-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	5,291.86 869.58	1,304.37
40 05 23 23-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	6,888.50 1,144.19	1,716.28
40 05 23 23-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	9,961.10 1,739.16	2,608.75

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0834)

40 05 23 23-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	141.59 34.66	51.99
40 05 23 23-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	167.64 42.48	63.71
40 05 23 23-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	212.59 47.73	71.59
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	213.91 54.41	81.61
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	221.98 58.46	87.69

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0912 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	289.30 63.72	95.57
40 05 23 23-0913 EA 3", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	301.03 76.37	114.55
40 05 23 23-0914 EA 4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	396.14 95.45	143.18
40 05 23 23-0915 EA 6", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	530.74 109.06	163.60
40 05 23 23-0916 EA 8", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	862.42 155.28	232.92
40 05 23 23-0917 EA 10", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,707.28 207.05	310.57
40 05 23 23-0918 EA 12", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,286.13 310.56	465.84
40 05 23 23-0919 EA 14", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,616.23 373.10	559.66
40 05 23 23-0920 EA 16", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,236.03 455.12	682.68
40 05 23 23-0921 EA 18", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,174.02 579.72	869.59
40 05 23 23-0922 EA 20", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	5,899.52 762.79	1,144.19
40 05 23 23-0923 EA 24", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	9,207.83 1,158.41	1,737.62
 40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers (40 05 23 23-0834)		
40 05 23 23-0925 EA 3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	115.45 31.52	47.29
40 05 23 23-0926 EA 1", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	126.64 34.35	51.52
40 05 23 23-0927 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	139.22 38.08	57.12
40 05 23 23-0928 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	149.25 41.50	62.26
40 05 23 23-0929 EA 2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	161.57 45.83	68.75
40 05 23 23-0930 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	213.61 57.27	85.91
40 05 23 23-0931 EA 3", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	233.18 65.20	97.80
40 05 23 23-0932 EA 4", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	270.52 76.40	114.60
40 05 23 23-0933 EA 6", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	364.36 97.27	145.90
40 05 23 23-0934 EA 8", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	591.38 149.07	223.60
40 05 23 23-0935 EA 10", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	781.00 186.34	279.51
40 05 23 23-0936 EA 12", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,001.15 248.45	372.68
40 05 23 23-0937 EA 14", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,420.53 326.09	489.14
40 05 23 23-0938 EA 16", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,633.34 371.62	557.42
40 05 23 23-0939 EA 18", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,155.15 465.85	698.76
40 05 23 23-0940 EA 20", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,913.54 621.13	931.69
40 05 23 23-0941 EA 24", Type 316, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	4,215.04 931.70	1,397.55
40 05 23 23-0942 EA 3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	135.34 31.52	47.29
40 05 23 23-0943 EA 1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	144.77 34.35	51.52
40 05 23 23-0944 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	166.35 38.08	57.12
40 05 23 23-0945 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	174.07 41.50	62.26
40 05 23 23-0946 EA 2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	187.97 45.83	68.75
40 05 23 23-0947 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	226.64 57.27	85.91
40 05 23 23-0948 EA 3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	284.04 65.20	97.80
40 05 23 23-0949 EA 4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	314.17 76.40	114.60
40 05 23 23-0950 EA 6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	435.99 97.27	145.90
40 05 23 23-0951 EA 8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	644.98 149.07	223.60
40 05 23 23-0952 EA 10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	898.85 186.34	279.51
40 05 23 23-0953 EA 12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,236.84 248.45	372.68
40 05 23 23-0954 EA 14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,816.52 326.09	489.14
40 05 23 23-0955 EA 16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,089.22 371.62	557.42

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0956	EA 18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,778.33 465.85	698.76
40 05 23 23-0957	EA 20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,591.56 621.13	931.69
40 05 23 23-0958	EA 24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	5,384.80 931.70	1,397.55
40 05 23 23-0959	Type 316, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0934)		
40 05 23 23-0960	EA 1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	62.51 16.32	24.49
40 05 23 23-0961	EA 3/4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	67.96 17.33	25.98
40 05 23 23-0962	EA 1", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	75.09 19.04	28.56
40 05 23 23-0963	EA 1-1/4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	84.91 20.75	31.12
40 05 23 23-0964	EA 1-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	86.08 22.92	34.37
40 05 23 23-0965	EA 2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	97.12 25.49	38.24
40 05 23 23-0966	EA 2-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	122.21 32.63	48.95
40 05 23 23-0967	EA 3", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	141.03 38.24	57.36
40 05 23 23-0968	EA 4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	172.12 45.77	68.66
40 05 23 23-0969	EA 6", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	233.15 57.27	85.91
40 05 23 23-0970	EA 8", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	387.75 93.17	139.75
40 05 23 23-0971	EA 10", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	519.39 124.23	186.34
40 05 23 23-0972	EA 12", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	775.48 186.34	279.50
40 05 23 23-0973	EA 14", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	888.37 217.40	326.10
40 05 23 23-0974	EA 16", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,001.55 247.98	371.97
40 05 23 23-0975	EA 18", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,273.36 310.56	465.84
40 05 23 23-0976	EA 20", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,756.75 434.79	652.18
40 05 23 23-0977	EA 24", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,671.65 621.13	931.69
40 05 23 23-0978	Valves (40 05 23 23-0231)		
40 05 23 23-0979	Gate Valves, Class 150 (40 05 23 23-0978)		
40 05 23 23-0980	EA 1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	493.04 18.41 -115.47 405.76	49.11
40 05 23 23-0981	EA 3/4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	536.26 21.49 -124.29 436.76	51.15
40 05 23 23-0982	EA 1" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	661.86 28.96 -151.23 531.42	76.73
40 05 23 23-0983	EA 1-1/4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	833.29 33.36 -193.16 678.76	89.52
40 05 23 23-0984	EA 1-1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	941.31 42.26 -214.12 752.42	112.68
40 05 23 23-0985	EA 2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,117.78 51.15 -253.39 890.43	136.37
40 05 23 23-0986	EA 2-1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,599.26 55.80 1,328.46	148.34
40 05 23 23-0987	EA 3" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,802.17 65.30 1,489.43	173.92
40 05 23 23-0988	EA 4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,392.32 109.61 1,905.33	291.56
40 05 23 23-0989	EA 6" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,985.35 138.61 3,311.93	368.30
40 05 23 23-0990	EA 8" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	8,647.37 175.38 7,579.00	470.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0991	EA	10" Gate Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	12,174.95 214.84 10,771.29	572.90
40 05 23	23-0992	EA	12" Gate Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	18,306.97 260.41 16,392.59	695.67
40 05 23 23-0993 Globe Valves, Class 150 <small>(40 05 23 23-0978)</small>					
40 05 23	23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	671.16 18.41 -163.12 573.19	49.11
40 05 23	23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	743.25 21.49 -179.66 631.33	51.15
40 05 23	23-0996	EA	1" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	927.22 28.96 -222.21 780.86	76.73
40 05 23	23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,378.08 42.26 -330.96 1,162.99	112.68
40 05 23	23-0998	EA	2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 200, Deduct</i> <i>For Class 300, Add</i>	1,681.70 51.15 -404.24 1,420.52	136.37
40 05 23	23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,367.46 55.80 2,990.56	148.34
40 05 23	23-1000	EA	3" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,487.49 65.30 3,073.63	173.92
40 05 23	23-1001	EA	4" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	4,165.42 109.61 3,572.05	291.56
40 05 23	23-1002	EA	6" Globe Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	7,664.45 138.61 6,770.28	368.30
40 05 23 23-1003 Check Valves, Class 150 <small>(40 05 23 23-0978)</small>					
40 05 23	23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,531.44 55.80 1,264.70	148.34
40 05 23	23-1005	EA	3" Check Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,605.05 65.30 1,304.14	173.92
40 05 23	23-1006	EA	4" Check Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,524.55 109.61 2,029.63	291.56
40 05 23	23-1007	EA	6" Check Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	4,320.98 138.61 3,627.42	368.30
40 05 23	23-1008	EA	8" Check Valve, Stainless Steel, Flanged..... <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	7,567.47 175.38 6,563.90	470.60
40 05 23 23-1009 Stainless Steel Thread-O-Let Fittings <small>(40 05 23 23-0231)</small>					
40 05 23	23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	76.83 19.80	29.70
40 05 23	23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	101.54 26.40	39.60
40 05 23	23-1012	EA	1", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	125.24 32.74	49.11
40 05 23	23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	179.43 46.33	69.48
40 05 23	23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	199.14 52.24	78.36
40 05 23	23-1015	EA	2", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	249.69 66.36	99.54
40 05 23	23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting <i>For Work In Restricted Working Space, Add</i>	436.53 102.31	153.46
40 05 23	23-1017	EA	3", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	580.95 130.60	195.90
40 05 23	23-1018	EA	4", Stainless Steel Thread-o-let Fitting..... <i>For Work In Restricted Working Space, Add</i>	761.01 163.69	245.53
40 05 23 23-1019 Stainless Steel Flanges <small>(40 05 23 23-0231)</small>					
40 05 23 23-1020 150#, Type 304 Stainless Steel Raised Face Threaded Flange <small>(40 05 23 23-1019)</small>					
40 05 23	23-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	48.92 9.90	16.50
40 05 23	23-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	61.68 13.20	22.00

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1023	EA	1"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	74.37 16.37	27.28
40 05 23 23-1024	EA	1-1/4"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	102.32 23.16	38.61
40 05 23 23-1025	EA	1-1/2"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	112.18 26.12	43.53
40 05 23 23-1026	EA	2"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	143.50 33.18	55.29
40 05 23 23-1027	EA	2-1/2"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	216.48 51.15	85.22
40 05 23 23-1028	EA	3"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	265.76 65.30	173.92
40 05 23 23-1029	EA	4"	150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	338.58 81.84	136.37
40 05 23 23-1030			300#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1031	EA	1/2"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	58.12 9.90	16.50
40 05 23 23-1032	EA	3/4"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	69.11 13.20	22.00
40 05 23 23-1033	EA	1"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	79.67 16.37	27.28
40 05 23 23-1034	EA	1-1/4"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	115.77 23.16	38.61
40 05 23 23-1035	EA	1-1/2"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	125.63 26.12	43.53
40 05 23 23-1036	EA	2"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	157.28 33.18	55.29
40 05 23 23-1037	EA	2-1/2"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	247.25 51.15	85.22
40 05 23 23-1038	EA	3"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	297.23 65.30	173.92
40 05 23 23-1039	EA	4"	300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	387.03 81.84	136.37
40 05 23 23-1040			150#, Type 304 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1041	EA	1/2"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	70.32 16.32	24.48
40 05 23 23-1042	EA	3/4"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	75.43 17.33	25.98
40 05 23 23-1043	EA	1"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	83.98 19.04	28.56
40 05 23 23-1044	EA	1-1/4"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	98.59 20.77	31.14
40 05 23 23-1045	EA	1-1/2"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	105.66 22.89	34.33
40 05 23 23-1046	EA	2"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	117.54 25.50	38.25
40 05 23 23-1047	EA	2-1/2"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	157.85 32.61	48.91
40 05 23 23-1048	EA	3"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	181.00 38.18	57.26
40 05 23 23-1049	EA	4"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	227.44 45.74	68.61
40 05 23 23-1050	EA	6"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	319.93 57.15	85.72
40 05 23 23-1051	EA	8"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	529.80 93.17	139.75
40 05 23 23-1052	EA	10"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	737.63 124.23	186.33
40 05 23 23-1053	EA	12"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,126.07 186.34	279.50
40 05 23 23-1054	EA	14"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,380.82 217.40	326.10
40 05 23 23-1055	EA	16"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,682.85 247.98	371.97
40 05 23 23-1056	EA	18"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,075.37 310.56	465.84
40 05 23 23-1057	EA	20"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,745.18 434.79	652.18
40 05 23 23-1058	EA	24"	150#, Type 304 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,906.82 621.13	931.69
40 05 23 23-1059			300#, Type 304 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1060	EA	1/2"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	81.29 16.32	24.48
40 05 23 23-1061	EA	3/4"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	84.63 17.33	25.98
40 05 23 23-1062	EA	1"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	90.36 19.04	28.56
40 05 23 23-1063	EA	1-1/4"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	110.95 20.77	31.14
40 05 23 23-1064	EA	1-1/2"	300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	118.02 22.89	34.33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-1065	EA 2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	128.15 25.50	38.25
40 05 23 23-1066	EA 2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	176.23 32.61	48.91
40 05 23 23-1067	EA 3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	201.51 38.18	57.26
40 05 23 23-1068	EA 4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	275.52 45.74	68.61
40 05 23 23-1069	EA 6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	374.38 57.15	85.72
40 05 23 23-1070	EA 8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	665.58 93.17	139.75
40 05 23 23-1071	EA 10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	916.91 124.23	186.33
40 05 23 23-1072	EA 12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,353.80 186.34	279.50
40 05 23 23-1073	EA 14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,740.82 217.40	326.10
40 05 23 23-1074	EA 16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,113.37 247.98	371.97
40 05 23 23-1075	EA 18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,688.40 310.56	465.84
40 05 23 23-1076	EA 20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,529.53 434.79	652.18
40 05 23 23-1077	EA 24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	5,118.21 621.13	931.69
40 05 23 23-1078	150#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1079	EA 1/2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	122.94 32.64	48.95
40 05 23 23-1080	EA 3/4", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	130.00 34.65	51.96
40 05 23 23-1081	EA 1", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	142.85 38.08	57.12
40 05 23 23-1082	EA 1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	160.03 41.54	62.31
40 05 23 23-1083	EA 1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	174.18 45.78	68.67
40 05 23 23-1084	EA 2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	197.95 51.00	76.50
40 05 23 23-1085	EA 2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	256.64 65.22	97.82
40 05 23 23-1086	EA 3", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	296.61 76.36	114.52
40 05 23 23-1087	EA 4", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	362.25 91.49	137.23
40 05 23 23-1088	EA 6", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	468.37 114.31	171.46
40 05 23 23-1089	EA 8", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	786.28 186.34	279.50
40 05 23 23-1090	EA 10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,084.53 248.45	372.68
40 05 23 23-1091	EA 12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,620.96 372.68	559.01
40 05 23 23-1092	300#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1093	EA 1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	130.02 32.64	48.95
40 05 23 23-1094	EA 3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	136.72 34.65	51.96
40 05 23 23-1095	EA 1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	148.16 38.08	57.12
40 05 23 23-1096	EA 1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	171.00 41.54	62.31
40 05 23 23-1097	EA 1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	185.15 45.78	68.67
40 05 23 23-1098	EA 2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	205.36 51.00	76.50
40 05 23 23-1099	EA 2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	284.23 65.22	97.82
40 05 23 23-1100	EA 3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	324.19 76.36	114.52
40 05 23 23-1101	EA 4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	400.43 91.49	137.23
40 05 23 23-1102	EA 6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	576.21 114.31	171.46
40 05 23 23-1103	EA 8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	895.18 186.34	279.50
40 05 23 23-1104	EA 10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,259.92 248.45	372.68
40 05 23 23-1105	EA 12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,846.56 372.68	559.01
40 05 23 23-1106	150#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 23-1107	EA 1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	36.85	9.79
	<i>For Work In Restricted Working Space, Add</i>	6.53	
40 05 23 23-1108	EA 3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	38.65	10.39
	<i>For Work In Restricted Working Space, Add</i>	6.93	
40 05 23 23-1109	EA 1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	42.02	11.42
	<i>For Work In Restricted Working Space, Add</i>	7.62	
40 05 23 23-1110	EA 1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	51.96	12.71
	<i>For Work In Restricted Working Space, Add</i>	8.48	
40 05 23 23-1111	EA 1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	61.88	17.18
	<i>For Work In Restricted Working Space, Add</i>	11.45	
40 05 23 23-1112	EA 2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	71.74	19.07
	<i>For Work In Restricted Working Space, Add</i>	12.71	
40 05 23 23-1113	EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	96.23	24.52
	<i>For Work In Restricted Working Space, Add</i>	16.35	
40 05 23 23-1114	EA 3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	122.33	34.36
	<i>For Work In Restricted Working Space, Add</i>	22.91	
40 05 23 23-1115	EA 4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	191.59	57.25
	<i>For Work In Restricted Working Space, Add</i>	38.17	
40 05 23 23-1116	EA 6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	257.67	73.62
	<i>For Work In Restricted Working Space, Add</i>	49.08	
40 05 23 23-1117	EA 8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	365.45	86.95
	<i>For Work In Restricted Working Space, Add</i>	57.97	
40 05 23 23-1118	EA 10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	531.04	104.35
	<i>For Work In Restricted Working Space, Add</i>	69.57	
40 05 23 23-1119	EA 12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	694.73	130.44
	<i>For Work In Restricted Working Space, Add</i>	86.96	
40 05 23 23-1120	EA 14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	880.24	163.04
	<i>For Work In Restricted Working Space, Add</i>	108.70	
40 05 23 23-1121	EA 16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,110.08	185.98
	<i>For Work In Restricted Working Space, Add</i>	123.99	
40 05 23 23-1122	EA 18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,326.18	232.92
	<i>For Work In Restricted Working Space, Add</i>	155.29	
40 05 23 23-1123	EA 20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,779.14	326.10
	<i>For Work In Restricted Working Space, Add</i>	217.40	
40 05 23 23-1124	EA 24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,581.53	465.84
	<i>For Work In Restricted Working Space, Add</i>	310.56	
40 05 23 23-1125	300#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1126	EA 1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	44.05	9.79
	<i>For Work In Restricted Working Space, Add</i>	6.53	
40 05 23 23-1127	EA 3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	45.39	10.39
	<i>For Work In Restricted Working Space, Add</i>	6.93	
40 05 23 23-1128	EA 1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	47.68	11.42
	<i>For Work In Restricted Working Space, Add</i>	7.62	
40 05 23 23-1129	EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	58.67	12.71
	<i>For Work In Restricted Working Space, Add</i>	8.48	
40 05 23 23-1130	EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	68.59	17.18
	<i>For Work In Restricted Working Space, Add</i>	11.45	
40 05 23 23-1131	EA 2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	75.28	19.07
	<i>For Work In Restricted Working Space, Add</i>	12.71	
40 05 23 23-1132	EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	120.98	24.52
	<i>For Work In Restricted Working Space, Add</i>	16.35	
40 05 23 23-1133	EA 3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	145.49	34.36
	<i>For Work In Restricted Working Space, Add</i>	22.91	
40 05 23 23-1134	EA 4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	220.58	57.25
	<i>For Work In Restricted Working Space, Add</i>	38.17	
40 05 23 23-1135	EA 6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	377.18	73.62
	<i>For Work In Restricted Working Space, Add</i>	49.08	
40 05 23 23-1136	EA 8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	508.30	86.95
	<i>For Work In Restricted Working Space, Add</i>	57.97	
40 05 23 23-1137	EA 10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	705.00	104.35
	<i>For Work In Restricted Working Space, Add</i>	69.57	
40 05 23 23-1138	EA 12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	961.70	130.44
	<i>For Work In Restricted Working Space, Add</i>	86.96	
40 05 23 23-1139	EA 14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,325.51	163.04
	<i>For Work In Restricted Working Space, Add</i>	108.70	
40 05 23 23-1140	EA 16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,672.25	185.98
	<i>For Work In Restricted Working Space, Add</i>	123.99	
40 05 23 23-1141	EA 18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,172.24	232.92
	<i>For Work In Restricted Working Space, Add</i>	155.29	
40 05 23 23-1142	EA 20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,782.94	326.10
	<i>For Work In Restricted Working Space, Add</i>	217.40	
40 05 23 23-1143	EA 24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	4,232.54	465.84
	<i>For Work In Restricted Working Space, Add</i>	310.56	
40 05 23 23-1144	150#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1145	EA 1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	55.30	16.50
	<i>For Work In Restricted Working Space, Add</i>	9.90	
40 05 23 23-1146	EA 3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	69.82	22.00
	<i>For Work In Restricted Working Space, Add</i>	13.20	
40 05 23 23-1147	EA 1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	82.13	27.28
	<i>For Work In Restricted Working Space, Add</i>	16.37	
40 05 23 23-1148	EA 1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	113.98	38.61
	<i>For Work In Restricted Working Space, Add</i>	23.16	
40 05 23 23-1149	EA 1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	123.84	43.53
	<i>For Work In Restricted Working Space, Add</i>	26.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1150 EA 2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	156.23 33.18	55.29
40 05 23 23-1151 EA 2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	234.87 51.15	85.22
40 05 23 23-1152 EA 3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	289.46 65.30	173.92
40 05 23 23-1153 EA 4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	371.82 81.84	136.37
40 05 23 23-1154 300#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1155 EA 1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	67.32 9.90	16.50
40 05 23 23-1156 EA 3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	78.31 13.20	22.00
40 05 23 23-1157 EA 1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	88.87 16.37	27.28
40 05 23 23-1158 EA 1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	133.45 23.16	38.61
40 05 23 23-1159 EA 1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	143.31 26.12	43.53
40 05 23 23-1160 EA 2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	172.84 33.18	55.29
40 05 23 23-1161 EA 2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	282.25 51.15	85.22
40 05 23 23-1162 EA 3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	332.95 65.30	173.92
40 05 23 23-1163 EA 4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	443.95 81.84	136.37
40 05 23 23-1164 150#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1165 EA 1/2", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	78.45 16.32	24.48
40 05 23 23-1166 EA 3/4", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	83.57 17.33	25.98
40 05 23 23-1167 EA 1", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	93.18 19.04	28.56
40 05 23 23-1168 EA 1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	110.61 20.77	31.14
40 05 23 23-1169 EA 1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	117.68 22.89	34.33
40 05 23 23-1170 EA 2", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	129.91 25.50	38.25
40 05 23 23-1171 EA 2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	178.70 32.61	48.91
40 05 23 23-1172 EA 3", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	199.74 38.18	57.26
40 05 23 23-1173 EA 4", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	259.26 45.74	68.61
40 05 23 23-1174 EA 6", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	375.10 57.15	85.72
40 05 23 23-1175 EA 8", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	615.02 93.17	139.75
40 05 23 23-1176 EA 10", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	879.79 124.23	186.33
40 05 23 23-1177 EA 12", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,313.85 186.34	279.50
40 05 23 23-1178 EA 14", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,536.34 217.40	326.10
40 05 23 23-1179 EA 16", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,885.80 247.98	371.97
40 05 23 23-1180 EA 18", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,321.90 310.56	465.84
40 05 23 23-1181 EA 20", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	3,052.32 434.79	652.18
40 05 23 23-1182 EA 24", 150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,342.07 621.13	931.69
40 05 23 23-1183 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1184 EA 1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	91.89 16.32	24.48
40 05 23 23-1185 EA 3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	95.23 17.33	25.98
40 05 23 23-1186 EA 1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	100.96 19.04	28.56
40 05 23 23-1187 EA 1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	125.47 20.77	31.14
40 05 23 23-1188 EA 1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	132.54 22.89	34.33
40 05 23 23-1189 EA 2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	145.83 25.50	38.25
40 05 23 23-1190 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	206.64 32.61	48.91
40 05 23 23-1191 EA 3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	230.15 38.18	57.26

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 23 Stainless Steel Process Pipe and Tubing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1192	EA		4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	328.55 45.74	68.61
40 05 23 23-1193	EA		6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	505.57 57.15	85.72
40 05 23 23-1194	EA		8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	799.61 93.17	139.75
40 05 23 23-1195	EA		10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,134.02 124.23	186.33
40 05 23 23-1196	EA		12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,672.74 186.34	279.50
40 05 23 23-1197	EA		14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,204.70 217.40	326.10
40 05 23 23-1198	EA		16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,700.78 247.98	371.97
40 05 23 23-1199	EA		18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,443.09 310.56	465.84
40 05 23 23-1200	EA		20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	4,479.17 434.79	652.18
40 05 23 23-1201	EA		24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	6,509.53 621.13	931.69
40 05 23 23-1202			150#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1203	EA		1/2", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	127.19 32.64	48.95
40 05 23 23-1204	EA		3/4", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	136.38 34.65	51.96
40 05 23 23-1205	EA		1", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	150.16 38.08	57.12
40 05 23 23-1206	EA		1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	186.68 41.54	62.31
40 05 23 23-1207	EA		1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	182.67 45.78	68.67
40 05 23 23-1208	EA		2", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	200.06 51.00	76.50
40 05 23 23-1209	EA		2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	255.23 65.22	97.82
40 05 23 23-1210	EA		3", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	308.63 76.36	114.52
40 05 23 23-1211	EA		4", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	387.70 91.49	137.23
40 05 23 23-1212	EA		6", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	506.19 114.31	171.46
40 05 23 23-1213	EA		8", 150#, Type 316 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	864.41 186.34	279.50
40 05 23 23-1214	EA		10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,191.32 248.45	372.68
40 05 23 23-1215	EA		12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,763.81 372.68	559.01
40 05 23 23-1216			300#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1217	EA		1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	137.09 32.64	48.95
40 05 23 23-1218	EA		3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	143.79 34.65	51.96
40 05 23 23-1219	EA		1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	155.23 38.08	57.12
40 05 23 23-1220	EA		1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	184.78 41.54	62.31
40 05 23 23-1221	EA		1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	198.93 45.78	68.67
40 05 23 23-1222	EA		2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	218.40 51.00	76.50
40 05 23 23-1223	EA		2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	314.99 65.22	97.82
40 05 23 23-1224	EA		3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	355.65 76.36	114.52
40 05 23 23-1225	EA		4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	449.22 91.49	137.23
40 05 23 23-1226	EA		6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	647.29 114.31	171.46
40 05 23 23-1227	EA		8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	968.38 186.34	279.50
40 05 23 23-1228	EA		10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,498.24 248.45	372.68
40 05 23 23-1229	EA		12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	2,056.60 372.68	559.01
40 05 23 23-1230			150#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1231	EA		1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	40.15 6.53	9.79
40 05 23 23-1232	EA		3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	44.67 6.93	10.39
40 05 23 23-1233	EA		1", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	50.14 7.62	11.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1234 EA 1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	58.32 8.48	12.71
40 05 23 23-1235 EA 1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	68.24 11.45	17.18
40 05 23 23-1236 EA 2", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	82.35 12.71	19.07
40 05 23 23-1237 EA 2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	112.85 16.35	24.52
40 05 23 23-1238 EA 3", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	140.72 22.91	34.36
40 05 23 23-1239 EA 4", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	222.70 38.17	57.25
40 05 23 23-1240 EA 6", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	307.53 49.08	73.62
40 05 23 23-1241 EA 8", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	484.60 57.97	86.95
40 05 23 23-1242 EA 10", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	625.10 69.57	104.35
40 05 23 23-1243 EA 12", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	965.95 86.96	130.44
40 05 23 23-1244 EA 14", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,157.92 108.70	163.04
40 05 23 23-1245 EA 16", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,483.64 123.99	185.98
40 05 23 23-1246 EA 18", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,759.68 155.29	232.92
40 05 23 23-1247 EA 20", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,344.48 217.40	326.10
40 05 23 23-1248 EA 24", 150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,410.57 310.56	465.84
40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1250 EA 1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	56.07 6.53	9.79
40 05 23 23-1251 EA 3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	57.41 6.93	10.39
40 05 23 23-1252 EA 1", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	59.70 7.62	11.42
40 05 23 23-1253 EA 1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	84.50 8.48	12.71
40 05 23 23-1254 EA 1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	94.42 11.45	17.18
40 05 23 23-1255 EA 2", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	104.62 12.71	19.07
40 05 23 23-1256 EA 2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	166.25 16.35	24.52
40 05 23 23-1257 EA 3", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	191.64 22.91	34.36
40 05 23 23-1258 EA 4", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	298.37 38.17	57.25
40 05 23 23-1259 EA 6", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	509.80 49.08	73.62
40 05 23 23-1260 EA 8", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	645.51 57.97	86.95
40 05 23 23-1261 EA 10", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,103.87 69.57	104.35
40 05 23 23-1262 EA 12", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,349.60 86.96	130.44
40 05 23 23-1263 EA 14", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,921.31 108.70	163.04
40 05 23 23-1264 EA 16", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,450.99 123.99	185.98
40 05 23 23-1265 EA 18", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,195.72 155.29	232.92
40 05 23 23-1266 EA 20", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,056.12 217.40	326.10
40 05 23 23-1267 EA 24", 300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	6,210.29 310.56	465.84
40 05 23 23-1268 Type 316 Seamless Annealed Tubing (40 05 23 23)		
<i>Note: For high pressure air (8000 PSIG working pressure).</i>		
40 05 23 23-1269 Type 316 Seamless Annealed Tubing (40 05 23 23-1268)		
40 05 23 23-1270 LF 3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	17.88	
40 05 23 23-1271 LF 1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	22.03	
40 05 23 23-1272 LF 3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	26.59	
40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings (40 05 23 23-1268)		
<i>Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.</i>		
40 05 23 23-1274 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	59.90	
40 05 23 23-1275 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	64.09	
40 05 23 23-1276 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	98.31	
40 05 23 23-1277 EA 3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	51.54	
40 05 23 23-1278 EA 3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	85.14	
40 05 23 23-1279 EA 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	65.49	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 23 Stainless Steel Process Pipe and Tubing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1280	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules.....	79.38	
40 05 23 23-1281	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	122.09	
40 05 23 23-1282	EA		1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	77.32	
40 05 23 23-1283	EA		1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	120.05	
40 05 23 23-1284	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	77.09	
40 05 23 23-1285	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules.....	98.89	
40 05 23 23-1286	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	162.74	
40 05 23 23-1287	EA		3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	133.76	
40 05 23 23-1288	EA		3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	165.33	
40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) (40 05 23 23-1289)					
40 05 23 23-1290 Needle Valves (40 05 23 23-1289)					
40 05 23 23-1291	EA		3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge.....	293.49	
40 05 23 23-1292	EA		1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	463.87	
40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG (40 05 23 23-1289)					
40 05 23 23-1294	EA		1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction.....	280.87	
40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI (40 05 23 23-1289)					
40 05 23 23-1296	EA		1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG.....	1,152.06	
40 05 23 23-1297	EA		1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	291.99	
40 05 23 23-1298	EA		Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element.....	58.28	
40 05 41 Glass Process Pipe (40 05)					
40 05 41 00-0001 Glass Pressure Pipe (40 05 41)					
40 05 41 00-0002 Glass Pipe, Beaded Joints (40 05 41 00-0001)					
40 05 41 00-0003	LF		1/2" Glass Pipe, Pressure	38.26	14.13
			<i>For Work In Restricted Working Space, Add</i>	8.48	
40 05 41 00-0004	LF		3/4" Glass Pipe, Pressure	45.91	16.95
			<i>For Work In Restricted Working Space, Add</i>	10.17	
40 05 41 00-0005	LF		1" Glass Pipe, Pressure	53.28	18.84
			<i>For Work In Restricted Working Space, Add</i>	11.30	
40 05 41 00-0006	LF		1-1/2" Glass Pipe, Pressure	70.41	25.43
			<i>For Work In Restricted Working Space, Add</i>	15.26	
40 05 41 00-0007	LF		2" Glass Pipe, Pressure	86.17	30.13
			<i>For Work In Restricted Working Space, Add</i>	18.08	
40 05 41 00-0008	LF		3" Glass Pipe, Pressure	106.65	34.84
			<i>For Work In Restricted Working Space, Add</i>	20.91	
40 05 41 00-0009	LF		4" Glass Pipe, Pressure	145.94	47.09
			<i>For Work In Restricted Working Space, Add</i>	28.25	
40 05 41 00-0010	LF		6" Glass Pipe, Pressure	205.88	56.50
			<i>For Work In Restricted Working Space, Add</i>	33.90	
40 05 41 00-0011 Glass 90 Degree Elbows (40 05 41 00-0001)					
40 05 41 00-0012	EA		1/2" 90 Degree Elbow, Glass, Pressure.....	174.05	75.34
			<i>For Work In Restricted Working Space, Add</i>	45.20	
40 05 41 00-0013	EA		3/4" 90 Degree Elbow, Glass, Pressure.....	187.64	80.05
			<i>For Work In Restricted Working Space, Add</i>	48.03	
40 05 41 00-0014	EA		1" 90 Degree Elbow, Glass, Pressure.....	205.55	84.76
			<i>For Work In Restricted Working Space, Add</i>	50.85	
40 05 41 00-0015	EA		1-1/2" 90 Degree Elbow, Glass, Pressure.....	226.78	94.17
			<i>For Work In Restricted Working Space, Add</i>	56.51	
40 05 41 00-0016	EA		2" 90 Degree Elbow, Glass, Pressure.....	258.44	103.59
			<i>For Work In Restricted Working Space, Add</i>	62.16	
40 05 41 00-0017	EA		3" 90 Degree Elbow, Glass, Pressure.....	326.49	122.42
			<i>For Work In Restricted Working Space, Add</i>	73.45	
40 05 41 00-0018	EA		4" 90 Degree Elbow, Glass, Pressure.....	377.33	131.85
			<i>For Work In Restricted Working Space, Add</i>	79.09	
40 05 41 00-0019	EA		6" 90 Degree Elbow, Glass, Pressure.....	597.61	150.67
			<i>For Work In Restricted Working Space, Add</i>	90.41	
40 05 41 00-0020 Glass 45 Degree Elbows (40 05 41 00-0001)					
40 05 41 00-0021	EA		1/2" 45 Degree Elbow, Glass, Pressure.....	173.11	75.34
			<i>For Work In Restricted Working Space, Add</i>	45.20	
40 05 41 00-0022	EA		3/4" 45 Degree Elbow, Glass, Pressure.....	186.55	80.05
			<i>For Work In Restricted Working Space, Add</i>	48.03	
40 05 41 00-0023	EA		1" 45 Degree Elbow, Glass, Pressure.....	204.10	84.76
			<i>For Work In Restricted Working Space, Add</i>	50.85	
40 05 41 00-0024	EA		1-1/2" 45 Degree Elbow, Glass, Pressure.....	225.24	94.17
			<i>For Work In Restricted Working Space, Add</i>	56.51	
40 05 41 00-0025	EA		2" 45 Degree Elbow, Glass, Pressure.....	256.35	103.59
			<i>For Work In Restricted Working Space, Add</i>	62.15	
40 05 41 00-0026	EA		3" 45 Degree Elbow, Glass, Pressure.....	323.26	122.42
			<i>For Work In Restricted Working Space, Add</i>	73.46	
40 05 41 00-0027	EA		4" 45 Degree Elbow, Glass, Pressure.....	372.78	131.85
			<i>For Work In Restricted Working Space, Add</i>	79.09	
40 05 41 00-0028	EA		6" 45 Degree Elbow, Glass, Pressure.....	585.64	150.67
			<i>For Work In Restricted Working Space, Add</i>	90.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 41 00-0029	Glass Tees <small>(40 05 41 00-0001)</small>		
40 05 41 00-0030	EA 1/2" Tee, Glass, Pressure.....	266.09	113.01
	<i>For Work In Restricted Working Space, Add</i>	<i>67.82</i>	
40 05 41 00-0031	EA 3/4" Tee, Glass, Pressure.....	285.42	122.42
	<i>For Work In Restricted Working Space, Add</i>	<i>73.46</i>	
40 05 41 00-0032	EA 1" Tee, Glass, Pressure.....	308.47	131.85
	<i>For Work In Restricted Working Space, Add</i>	<i>79.09</i>	
40 05 41 00-0033	EA 1-1/2" Tee, Glass, Pressure.....	348.12	141.26
	<i>For Work In Restricted Working Space, Add</i>	<i>84.74</i>	
40 05 41 00-0034	EA 2" Tee, Glass, Pressure.....	387.66	155.39
	<i>For Work In Restricted Working Space, Add</i>	<i>93.24</i>	
40 05 41 00-0035	EA 3" Tee, Glass, Pressure.....	471.17	188.35
	<i>For Work In Restricted Working Space, Add</i>	<i>113.01</i>	
40 05 41 00-0036	EA 4" Tee, Glass, Pressure.....	553.88	197.67
	<i>For Work In Restricted Working Space, Add</i>	<i>118.61</i>	
40 05 41 00-0037	EA 6" Tee, Glass, Pressure.....	728.90	225.93
	<i>For Work In Restricted Working Space, Add</i>	<i>135.57</i>	
40 05 41 00-0038	Glass Couplings, Vitron Liner <small>(40 05 41 00-0001)</small>		
40 05 41 00-0039	EA 1/2" Coupling, Vitron Liner, Glass.....	33.63	
40 05 41 00-0040	EA 3/4" Coupling, Vitron Liner, Glass.....	38.43	
40 05 41 00-0041	EA 1" Coupling, Vitron Liner, Glass.....	44.83	
40 05 41 00-0042	EA 1-1/2" Coupling, Vitron Liner, Glass.....	51.24	
40 05 41 00-0043	EA 2" Coupling, Vitron Liner, Glass.....	61.65	
40 05 41 00-0044	EA 3" Coupling, Vitron Liner, Glass.....	112.89	
40 05 41 00-0045	EA 4" Coupling, Vitron Liner, Glass.....	136.10	
40 05 41 00-0046	EA 6" Coupling, Vitron Liner, Glass.....	272.21	

END OF SECTION 40

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 41 Glass Process Pipe



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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